July
2026

OEM PRODUCT CATALOG

SINCE 1945

KEYSTONE

POWER SUPPLIES | LED MODULES & LIGHT ENGINES | CONTROLS | LAMPS

POWER SUPPLIES

LED MODULES & LIGHT ENGINES

CONTROLS

LAMPS

WHO WE ARE

Lighting is our reason for being. It's all we've done since 1945, developing energy-efficient lighting solutions for the industry's most discerning customers. From legacy fluorescent lighting systems to the latest LED technologies, Keystone is singularly focused on being your one-stop shop for high-quality lighting products.

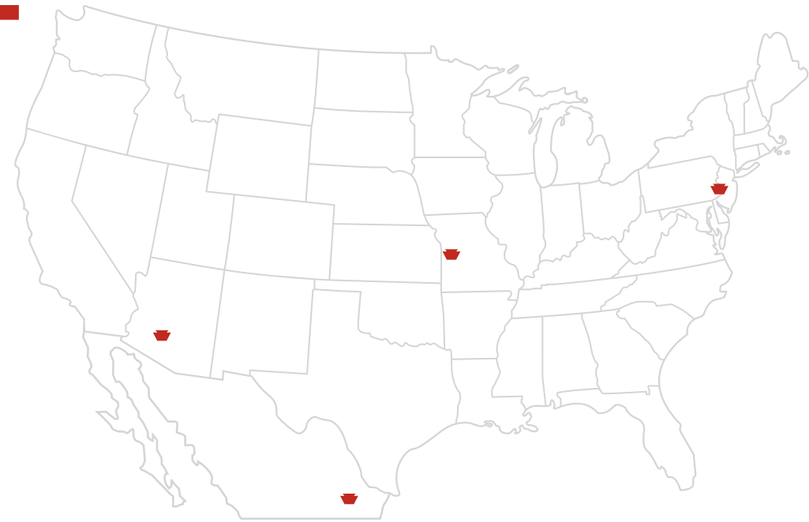
With over 100 million Keystone products in use today, thousands of installers, architects, and engineers have come to depend on Keystone for lighting products that are manufactured to last. 100% of every production run is factory tested so you know that when a Keystone product is installed, it's made to perform.

OEM Distribution Centers

Philadelphia, PA
Phoenix, AZ
Kansas City, MO
Monterrey, Mexico

HEADQUARTERS

Philadelphia, PA



Our Core Values

WOW CUSTOMERS
DO RIGHT
GROW PASSIONATELY
VALUE PEOPLE
CHALLENGE CONVENTION

Ordering a free sample is always easy.

keystonetech.com/samples

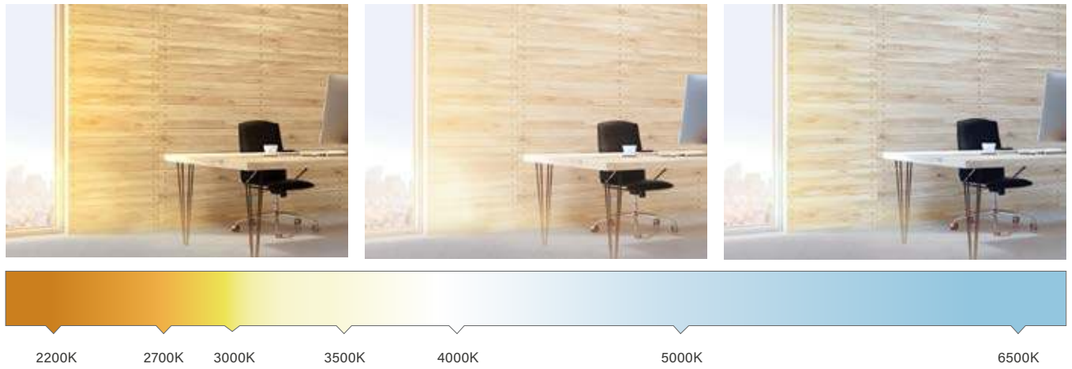
OEMSamples@keystonetech.com

800.464.2680



Ordering Guide for Color Selection of Keystone Products

All lamps and fixtures in our catalog are available in a variety of color temperatures. While reviewing options, the guide below will help you identify the final product ID needed to order.



When a Keystone product has a catalog number that uses an "xx," it indicates that several color temperatures are available. The color temperatures for that product are noted in the accompanying chart.

Below is a quick reference guide to Keystone's color offering and how to easily select and order the right product for your job.

To order, simply replace the "xx" with the first two numbers from the corresponding color temperature.

Example:
To order a 4000K color temperature product, replace the "xx" in the catalog number with the two-digit number represented above the Kelvin desired as indicated in color chart below.

Catalog number with "xx"	Catalog number used to order a 4000K color temperature product
KT-LED14.5T8-48G-8xx-DX2	KT-LED14.5T8-48G-840-DX2

22	27	30	35	40	50	65
2200K	2700K	3000K	3500K	4000K	5000K	6500K
Amber White	Warm White	Soft White	Neutral White	Cool White	Daylight White	Bright White

POWER SUPPLIES

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LINEAR
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Scan QR to view catalog online, including our latest updates.

POWER SUPPLIES

Scan QR to view catalog online,
including our latest updates.

POWER SUPPLIES

Emergency Backup Solutions

LED



DC Wiring - Secondary
P 12-16



AC Wiring - Primary
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Fluorescent



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LED Drivers

Constant Current



Programmable Cable
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Selectable
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Electronic Fluorescent
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Transformers

Step Down



High Voltage
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Low Voltage
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DC Wiring - Secondary



Features & Benefits

- Can incorporate emergency lighting solutions into variety of LED fixtures
- Multiple construction and wiring type configurations available
- All units come with 2-in-1 test switch/indicator lights
- Designed to work with virtually any fixture type using existing Class 2 LED systems
- Evaluated to UL 924 requirements
- UL Listed for field or factory installation
- 5-year warranty
- Auto battery connect feature included on select models

c UL us RoHS Compliant 5 YEAR WARRANTY BC autoBC AUTO BATTERY CONNECT

DC Wiring - Secondary

Standard | Flying Leads

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-4C-400-EN2	120-277V	4W	12-55 Vdc	73mA-333mA	One Piece	Standard Wire Leads	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 Piece	4.96"	5.31"	1.69"	0.98"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT	AUTO BATTERY CONNECTION
KT-EMRG-LED-4BC-400-EN2	120-277V	4W	12-55 Vdc	73mA-333mA	One Piece	Standard Wire Leads	90 min	Yes	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 Piece	4.96"	5.31"	1.69"	0.98"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-5C-500	120-277V	5W	20-60Vdc	86mA-250mA	Two Piece (Driver + Battery)	Standard Wire Leads	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
Driver	6.02"	6.46"	1.37"	1.00"
Battery	3.48"	3.98"	2.38"	1.07"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-5C-500-EN	120-277V	5W	20-60Vdc	86mA-250mA	One Piece	Standard Wire Leads	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	9.00"	9.50"	2.30"	1.18"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT	AUTO BATTERY CONNECTION
KT-EMRG-LED-10BC-1000-EN3	120-277V	10W	15-55Vdc	180-680mA	One Piece	Standard Wire Leads	90 min	Yes	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	9.05"	9.45"	1.77"	1.18"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT	AUTO BATTERY CONNECTION
KT-EMRG-LED-10BC-1000-SEN2	120-277V	10W	15-55Vdc	180-680mA	One Piece	Standard Wire Leads	90 min	Yes	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	16.20"	16.50"	1.18"	0.87"



Chart continues on next page

DC Wiring - Secondary

Chart continued from previous page

Standard | Flying Leads

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-12C-1200	120-277V	12W	20-60Vdc	206mA-600mA	Two Piece (Driver + Battery)	Standard Wire Leads	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
Driver	6.02"	6.46"	1.89"	1.14"
Battery	8.84"	9.49"	1.22"	1.15"



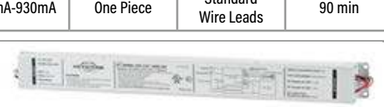
CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-12C-1200-EN	120-277V	12W	20-60Vdc	206mA-600mA	One Piece	Standard Wire Leads	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	12.00"	12.50"	2.29"	1.29"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-14C-1400-EN	120-277V	14W	15-55Vdc	210mA-930mA	One Piece	Standard Wire Leads	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	15.24"	15.55"	1.49"	1.16"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT	AUTO BATTERY CONNECTION
KT-EMRG-LED-14BC-1400-EN	120-277V	14W	15-55Vdc	210mA-930mA	One Piece	Standard Wire Leads	90 min	Yes	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	15.24"	15.55"	1.49"	1.16"



Standard | Conduit

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-5C-500-EN /DF	120-277V	5W	20-60Vdc	86mA-250mA	One Piece	Dual Flex Cable	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	9.00"	9.50"	2.30"	1.18"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT	AUTO BATTERY CONNECTION
KT-EMRG-LED-10BC-1000-EN3 /DF	120-277V	10W	15-55Vdc	180-680mA	One Piece	Dual Flex Cable	90 min	Yes	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	9.05"	9.45"	1.77"	1.18"



DC Wiring - Secondary

Standard | Conduit

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-12C-1200-EN /DF	120-277V	12W	20-60Vdc	206mA-600mA	One Piece	Dual Flex Cable	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	12.00"	12.50"	2.29"	1.29"



Standard | Terminal Block

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-5C-500-SEN	120-277V	5W	20-60Vdc	86mA-250mA	Slim One Piece	Push In Terminals	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	18.76"	19.41"	1.24"	1.00"



Special Purpose | Kit Solution

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	LED MODULE INCLUDED	CEC COMPLIANT
KT-EMRG-LED-5C-500-K1	120-277V	5W	500	20-60Vdc	86mA-250mA	Two Piece (Driver + Battery)	Standard Wire Leads	90 min	Yes	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
Driver	6.00"	6.46"	1.37"	1.00"
Battery	3.48"	3.98"	2.38"	1.07"
Module		5.00"	0.70"	



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	LED MODULE INCLUDED	CEC COMPLIANT
KT-EMRG-LED-12C-1200-K1	120-277V	12W	1200	20-60Vdc	206mA-600mA	Two Piece (Driver + Battery)	Standard Wire Leads	90 min	Yes	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
Driver	6.02"	6.46"	1.89"	1.14"
Battery	8.84"	9.49"	1.22"	1.15"
Module		8.00"	0.70"	



Continued on next page

DC Wiring - Secondary

Special Purpose | 2-Hour Rated

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-9C-900-2	120-277V	9W	20-60Vdc	150mA-450mA	Two Piece (Driver + Battery)	Standard Wire Leads	120 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
Driver	6.02"	6.46"	1.89"	1.14"
Battery	8.84"	9.49"	1.22"	1.15"



Special Purpose | Low Temperature

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-12LT-1200-EN /DF	120-277V	12W	20-60Vdc	206mA-600mA	One Piece	Dual Flex Cable	90 min	No

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	12.00"	12.50"	2.37"	1.30"



Special Purpose | Self Diagnostic

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-20SD-2000-EN /DF	120-277V	20W	20-60Vdc	333mA-1000mA	One Piece	Dual Flex Cable	90 min	Yes

	MOUNTING	LENGTH	WIDTH	HEIGHT
1 piece	12.00"	12.50"	2.37"	2.37"





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[Quick Shipping]

AC Wiring - Primary



Features & Benefits

- Can incorporate emergency lighting solutions into variety of LED fixtures
- Multiple construction and wiring type configurations available
- All units come with 2-in-1 test switch/indicator light
- Optimized for Keystone DirectDrive LED tubes and downlights (check keystonetech.com/compatibility-lists for full details)
- Inverter-type solutions optimized for a variety of lighting fixtures using integrated LED components
- Evaluated to UL 924 requirements
- UL Listed for field or factory installation
- 5-year warranty

RoHS Compliant | 5 YEAR WARRANTY

AC Wiring - Primary

Standard | Flying Leads

SMART//SAFE AC

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-5-500-AC	120-277V	5W	40-100Vdc	Load Dependent	One Piece	Standard Wire Leads	90 min	No

Length	9.50"
Width	1.29"
Height	1.22"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-12-1200-AC	120-277V	12W	40-100Vdc	Load Dependent	One Piece	Standard Wire Leads	90 min	Yes

Length	12.68"
Width	1.70"
Height	1.20"



Standard | Conduit

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-5-500-AC /DF	120-277V	5W	40-100Vdc	Load Dependent	One Piece	Dual Flex Cable	90 min	No

Length	11.72"
Width	1.73"
Height	1.43"



CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-12-1200-AC /DF	120-277V	12W	40-100Vdc	Load Dependent	One Piece	Dual Flex Cable	90 min	Yes

Length	14.88"
Width	1.73"
Height	1.42"



Special Purpose | Inline Round High Bay

SMART//SAFE

CATALOG NUMBER	INPUT VOLTAGE	MAXIMUM OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-LED-40SD-5000-CEN /SF	120-277V	40W	150-200Vdc	200-270mA	One Piece (with Junction Box)	Single Flex Cable	90 min	Yes

	MOUNTING HOOK DISTANCE	DIAMETER
1 piece	9.45"	8.10"



Ballast

Features & Benefits

- Fluorescent emergency backup solutions for all common fluorescent lamp types
- Each emergency pack is compatible with different fluorescent lamp loads
- Compatible with most existing instant start and program start fluorescent ballasts
- Evaluated to UL 924 requirements
- UL Listed for field or factory installation
- 5-year warranty

Linear Fluorescent EMRG

CATALOG NUMBER	INPUT VOLTAGE	MAX LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-500 /B	120/277V	500	Load Dependent	Load Dependent	One Piece	Standard Wire Leads	90 min	No
KT-EMRG-700 /B	120/277V	700	Load Dependent	Load Dependent	One Piece	Standard Wire Leads	90 min	No

Length	9.50"
Width	2.40"
Height	1.50"



CATALOG NUMBER	INPUT VOLTAGE	MAX LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-500-SL /B	120/277V	500	Load Dependent	Load Dependent	One Piece	Standard Wire Leads	90 min	No

Length	11.70"
Width	2.00"
Height	1.18"



CATALOG NUMBER	INPUT VOLTAGE	MAX LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-1400 /B	120/277V	1400	Load Dependent	Load Dependent	One Piece	Standard Wire Leads	90 min	No

Length	13.40"
Width	2.40"
Height	1.50"



Ballast

Linear Fluorescent EMRG

CATALOG NUMBER	INPUT VOLTAGE	MAX LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-1400-SL /B	120/277V	1400	Load Dependent	Load Dependent	One Piece	Standard Wire Leads	90 min	No

Length	14.25"
Width	2.10"
Height	1.19"



CATALOG NUMBER	INPUT VOLTAGE	MAX LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-1300-T5	120/277V	1300	Load Dependent	Load Dependent	One Piece	Standard Wire Leads	90 min	No

Length	21.50"
Width	1.28"
Height	1.19"



CFL Fluorescent EMRG

CATALOG NUMBER	INPUT VOLTAGE	MAX LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-750-CFL4 /B	120/277V	750	Load Dependent	Load Dependent	One Piece	Dual Flex Cable	90 min	No

Length	9.50"
Width	2.40"
Height	1.50"



CATALOG NUMBER	INPUT VOLTAGE	MAX LUMENS	OUTPUT VOLTAGE	OUTPUT CURRENT	CONSTRUCTION TYPE	WIRE TYPE	ILLUMINATION TIME	CEC COMPLIANT
KT-EMRG-1400C-CFL4	120/277V	1400	Load Dependent	Load Dependent	One Piece	Dual Flex Cable	90 min	Yes

Length	13.40"
Width	2.40"
Height	1.50"



Replacement Unit



Features & Benefits

- IP65-Rated options available for wet locations
- Simple-to-replace parts for emergency applications
- Stainless steel options available

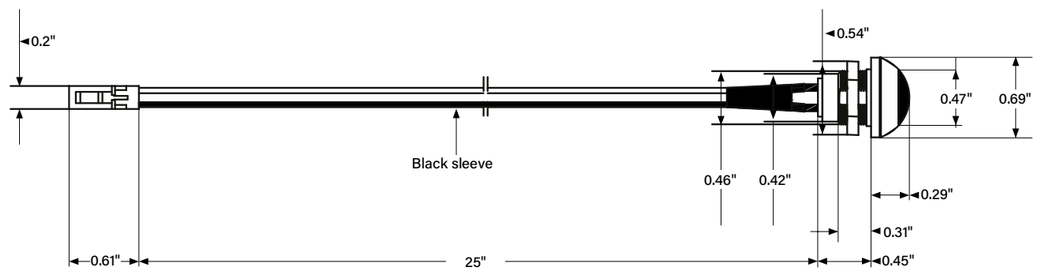
Emergency Backup Solutions | **LED**

Replacement Unit

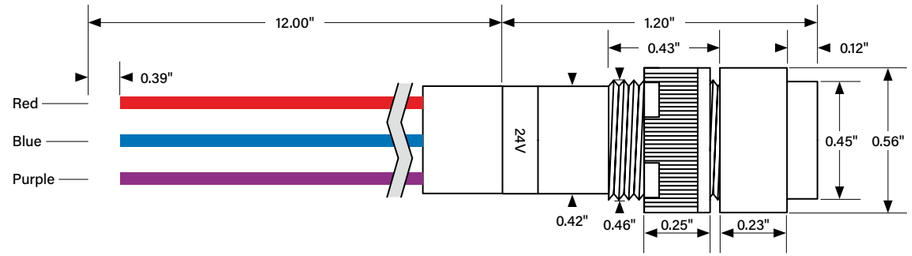
Replacement Test Switches

CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-TS6 /QD	Replacement Test Switch for: KT-EMRG-LED-4C-400-EN2* | KT-EMRG-LED-4BC-400-EN2 KT-EMRG-LED-10BC-1000-EN3 /DF | KT-EMRG-LED-10BC-1000-SEN2 | KT-EMRG-LED-14C-1400-EN KT-EMRG-LED-14BC-1400-EN	PCB-27	843654170114

*Starting November 2024 date codes



CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-TESTSWITCH-LED2	Replacement Test Switch for: KT-EMRG-LED-5C-500 | KT-EMRG-LED-5C-500-EN KT-EMRG-LED-5C-500-EN /DF | KT-EMRG-LED-5C-500-K1 | KT-EMRG-LED-12C-1200 KT-EMRG-LED-12C-1200-EN | KT-EMRG-LED-12C-1200-EN /DF | KT-EMRG-LED-12C-1200-K1	CJK-93	843654123509



CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-TESTSWITCH-LED3	Replacement Test Switch for: KT-EMRG-LED-20SD-2000-EN /DF	HOD-44	843654130033

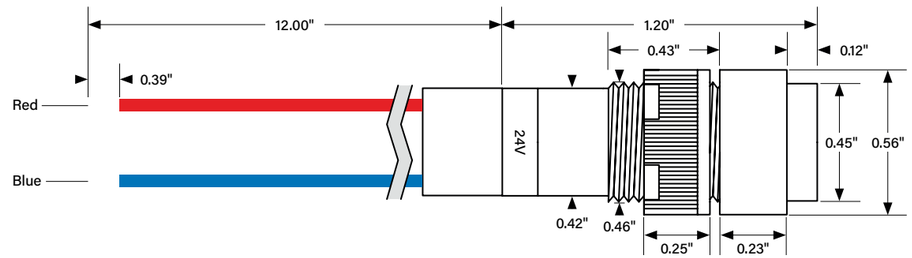


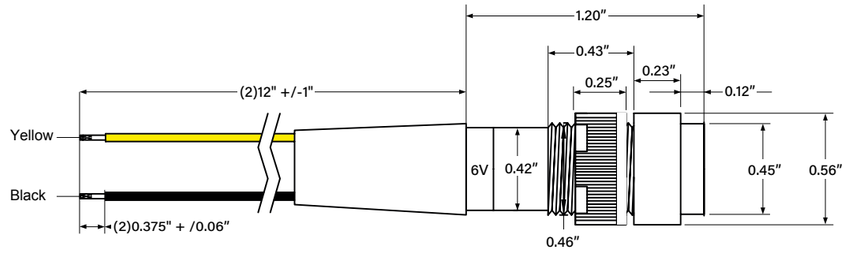
Chart continues on next page

Replacement Unit

Chart continued from previous page

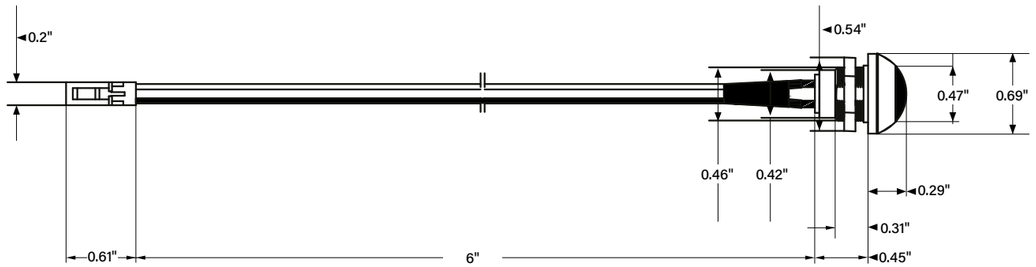
Replacement Test Switches

CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-TESTSWITCH-LED4	Replacement Test Switch for: KT-EMRG-LED-5C-500-SEN	MEX-62	843654137872



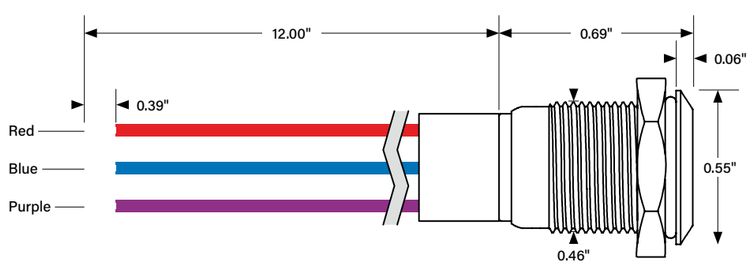
CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-TESTSWITCH-LED5	Replacement Test Switch for: KT-EMRG-LED-14C-1400-EN*	XUT-95	843654162362

*October 2024 and prior date codes



Stainless Steel Test Switches

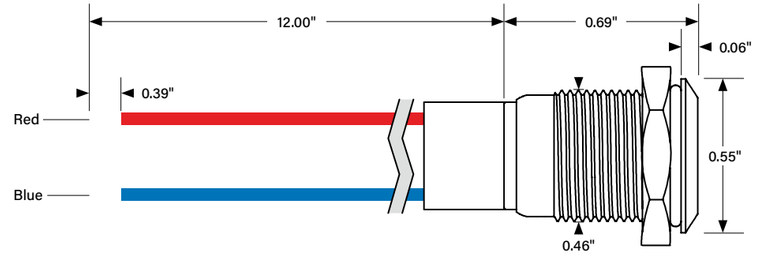
CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-LED2-TS-IP65	Stainless Steel Switch for: KT-EMRG-LED-5C-500 | KT-EMRG-LED-5C-500-EN | KT-EMRG-LED-5C-500-EN /DF KT-EMRG-LED-5C-500-K1 | KT-EMRG-LED-12C-1200 | KT-EMRG-LED-12C-1200-EN | KT-EMRG-LED-12C-1200-EN /DF KT-EMRG-LED-12C-1200-K1	MDB-29	843654130019



Replacement Unit

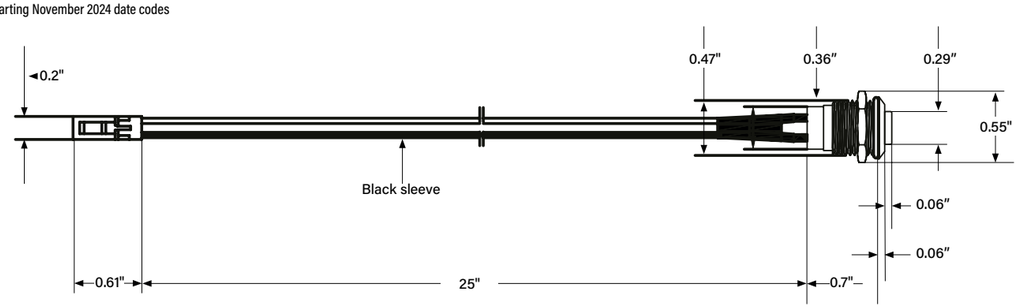
Stainless Steel Test Switches

CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-LED3-TS-IP65	Stainless Steel Switch for: KT-EMRG-LED-20SD-2000-EN /DF	UYM-87	843654130026



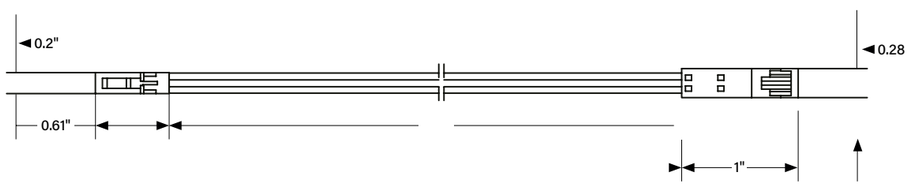
CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-TS6-SS /QD	Stainless Steel Switch for: KT-EMRG-LED-4BC-400-EN2 | KT-EMRG-LED-4C-400-EN2* KT-EMRG-LED-14C-1400-EN* | KT-EMRG-LED-14BC-1400-EN | KT-EMRG-LED-10BC-1000-EN3 KT-EMRG-LED-10BC-1000-EN3 /DF | KT-EMRG-LED-10BC-1000-SEN2	MYN-39	843654170121

*Starting November 2024 date codes



Accessories

CATALOG NUMBER	DESCRIPTION	EASY CODE	UPC
KT-EMRG-TS6-EC-10 /QD	10 ft. Extension for Test Switch KT-EMRG-TS6 /QD and KT-EMRG-TS6-SS /QD	EFS-18	843654170220



Programmable Cable



Features & Benefits

- Compatible with PC SmartCurrent FLEX software
- Programmable output current via USB to terminal 4-pin, USB to RJ9, or USB to AUX cables
- Dimmable with 0-10V dimmer (dim-to-off), phase dimming at 120V input for Micro Cases
- Short circuit overload and open load protection
- Meets FCC Part 15 (Class B) consumer limits
- UL 8750, Class P
- Pre-programming available upon request

Class P | c UL us LISTED | RoHS Compliant | FC | TRUSTED WARRANTY | 10 YEAR LIMITED WARRANTY

Programmable Cable

Micro Case

SMART CURRENT FLEX

CATALOG NUMBER	MAX. OUTPUT POWER	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE	OCV	CLASS 2		CASE STYLE	CASE DESIGNATION	AUX VOLTAGE
						US	CAN			
KTLD-12-UV-P400-40-CDIM-MC4	12W	120-277V	100-400mA	10-40V	60V	Yes	Yes	Micro	MC4	No
KTLD-20-UV-P700-40-CDIM-MC3	20W	120-277V	70-700mA	10-40V	60V	Yes	Yes	Micro	MC3	No
KTLD-36-UV-P1200-40-CDIM-MC3	36W	120-277V	120-1200mA	15-40V	60V	Yes	Yes	Micro	MC3	No

Length	4.41"
Width	1.22"
Height	0.91"



Case Designation MC3

Length	3.39"
Width	1.08"
Height	0.76"



Case Designation MC4

Programmer and Cable | Micro Case

CATALOG NUMBER	DESCRIPTION	
KTLD-P-PGMR-1	LED Driver Programmer, USB male to USB female, for use with SmartCurrent FLEX Programmable LED Drivers, mates with KTLD-P-USB-T4 (Linear Cases), KTLD-P-USB-RJ9 (Compact Cases), or KTLD-P-USB-AUX (Micro Cases)	
KTLD-P-USB-AUX	LED Driver Programming Cable, 5 ft, USB to AUX Connector for Micro Case SmartCurrent FLEX Drivers, mates with KTLD-P-PGMR-1	

Continued on next page

Programmable Cable

Compact Case

SMART CURRENT FLEX

CATALOG NUMBER	MAX. OUTPUT POWER	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE	OCV	CLASS 2		CASE STYLE	CASE DESIGNATION	AUX VOLTAGE
						US	CAN			
KTLD-25-UV-P1250-55-VDIM-CT1	25W	120-277V	125-1250mA	8-55V	60V	Yes	Yes	Compact	CT1	No
KTLD-40-UV-P1400-55-VDIM-CT1	40W	120-277V	140-1400mA	8-55V	60V	Yes	Yes	Compact	CT1	No
KTLD-55-UV-P2000-55-VDIM-CT1	55W	120-277V	200-2000mA	10-55V	60V	Yes	Yes	Compact	CT1	No
KTLD-25-UV-P1250-55-VDIM-CR-CT1	25W	120-277V	125-1250mA	8-55V	60V	Yes	Yes	Compact	CT1	12-24V
KTLD-40-UV-P1400-55-VDIM-CR-CT1	40W	120-277V	140-1400mA	8-55V	60V	Yes	Yes	Compact	CT1	12-24V
KTLD-55-UV-P2000-55-VDIM-CR-CT1	55W	120-277V	200-2000mA	10-55V	60V	Yes	Yes	Compact	CT1	12-24V
KTLD-55-UV-P2000-55-VDIM-CT1-RJS	55W	120-277V	200-2000mA	10-55V	60V	Yes	Yes	Compact	CT1-RJS	No

Length	4.97"
Width	2.32"
Height	1.08"



Case Designation CT1

Length	4.97"
Width	2.32"
Height	1.08"



Case Designation CT1-RJS

Programmer and Cable | Compact Case

CATALOG NUMBER	DESCRIPTION	
KTLD-P-PGMR-1	LED Driver Programmer, USB male to USB female, for use with SmartCurrent FLEX Programmable LED Drivers, mates with KTLD-P-USB-T4 (Linear Cases), KTLD-P-USB-RJ9 (Compact Cases), or KTLD-P-USB-AUX (Micro Cases)	
KTLD-P-USB-RJ9	LED Driver Programming Cable, 5 ft, USB to RJ9 Connector for Compact Case SmartCurrent FLEX Drivers, mates with KTLD-P-PGMR-1	

Programmable Cable

Linear Case

SMART CURRENT FLEX

CATALOG NUMBER	MAX. OUTPUT POWER	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE	OCV	CLASS 2		CASE STYLE	CASE DESIGNATION	AUX VOLTAGE
						US	CAN			
KTLD-30-UV-P1050-55-VDIM-LT1	30W	120-277V	105-1050mA	8-55V	60V	Yes	Yes	Linear	LT1	No
KTLD-50-UV-P1400-55-VDIM-LT1	50W	120-277V	140-1400mA	8-55V	60V	Yes	Yes	Linear	LT1	No
KTLD-85-UV-P2300-55-VDIM-LT2	85W	120-277V	230-2300mA	10-55V	60V	Yes	Yes	Linear	LT2	No
KTLD-100-UV-P2800-55-VDIM-LT2-HSP	96W	120-277V	280-2800mA	10-55V	60V	Yes	Yes	Linear	LT2	No
KTLD-30-UV-P1050-55-VDIM-CR-LT1	30W	120-277V	105-1050mA	8-55V	60V	Yes	Yes	Linear	LT1	12-24V
KTLD-50-UV-P1400-55-VDIM-CR-LT1	50W	120-277V	140-1400mA	8-55V	60V	Yes	Yes	Linear	LT1	12-24V
KTLD-85-UV-P2300-55-VDIM-CR-LT2	85W	120-277V	230-2300mA	10-55V	60V	Yes	Yes	Linear	LT2	12-24V
KTLD-100-UV-P2800-55-VDIM-CR-LT2-HSP	96W	120-277V	280-2800mA	10-55V	60V	Yes	Yes	Linear	LT2	12-24V

Length	11.02"
Width	1.18"
Height	0.83"



Case Designation LT1

Length	14.96"
Width	1.18"
Height	1.00"



Case Designation LT2

Programmer and Cable | Linear Case

CATALOG NUMBER	DESCRIPTION	
KTLD-P-PGMR-1	LED Driver Programmer, USB male to USB female, for use with SmartCurrent FLEX Programmable LED Drivers, mates with KTLD-P-USB-T4 (Linear Cases), KTLD-P-USB-RJ9 (Compact Cases), or KTLD-P-USB-AUX (Micro Cases)	
KTLD-P-USB-T4	LED Driver Programming Cable, 5 ft, USB to 4-pin terminal for Linear Case SmartCurrent FLEX Drivers, mates with KTLD-P-PGMR-1	

Programmable Cable

- **A** Max & Min driver information
- **B** Current & dimming settings
- **C** End-of-life & Fade-in settings
- **D** Adjust thermal rollback
- **E** Luminous decay compensation
- **F** 0-10V parameters



SmartCurrent FLEX

Advanced programming options with Keystone software

SmartCurrent FLEX is a line of programmable drivers that offer outstanding dimming capabilities, precise current output settings, and easy programming via a simple USB cable and programming device.

Spec sheets, rebate forms, compatibility lists, how-to videos, and instructional guides are online and at your fingertips.

[Information & Education]

Programmable Cradle



Features & Benefits

- Dimmable with 0-10V dimmer (dim-to-off)
- Programmable output current via Keystone's SmartCurrent cradle
- Short circuit overload and open load protection
- U and W case styles feature auxiliary power: 12Vdc; 200mA max.
- Meets FCC Part 15 (Class B) consumer limits
- UL 8750, Class P
- Pre-programming available upon request

Class P | c UL us | RoHS Compliant | 10 YEAR LIMITED WARRANTY

Programmable Cradle

SMART CURRENT

Programmable - Cradle

CATALOG NUMBER	MAX. OUTPUT POWER	INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE	OCV	CLASS 2 US	CLASS 2 CAN	CASE STYLE	CASE DESIGNATION
KTLD-12-UV-SC500-56-VDIM-AF1	12W	120-277V	120-500mA	10-56V	60V	Yes	No	Linear	AF1
KTLD-20-UV-SC730-56-VDIM-AF4	20W	120-277V	200-730mA	10-56V	60V	Yes	No	Linear	AF4
KTLD-25-UV-SC1250-56-VDIM-W1	25W	120-277V	420-1250mA	10-56V	60V	Yes	No	Compact	W1
KTLD-25-UV-SC1050-56-VDIM-AQ7	25W	120-277V	350-1050mA	10-56V	60V	Yes	No	Puck	AQ7
KTLD-30-UV-SC1050-56-VDIM-U7	30W	120-277V	350-1050mA	10-56V	60V	Yes	No	Linear	U7
KTLD-40-UV-SC1400-56-VDIM-W1	40W	120-277V	470-1400mA	10-56V	60V	Yes	No	Compact	W1
KTLD-50-UV-SC1400-56-VDIM-U7	50W	120-277V	470-1400mA	10-56V	60V	Yes	No	Linear	U7
KTLD-70-UV-SC2800-56-VDIM-W2	70W	120-277V	900-2800mA	10-56V	60V	Yes	No	Compact	W2
KTLD-85-UV-SC2600-56-VDIM-U4	85W	120-277V	860-2600mA	10-56V	60V	Yes	No	Linear	U4
KTLD-100-UV-SC3000-56-VDIM-U4	100W	120-277V	1500 –3000mA	10-56V	60V	Yes	No	Linear	U4

Length	4.89"
Width	1.30"
Height	0.79"



Case Designation AF1

Length	5.53"
Width	1.30"
Height	0.83"



Case Designation AF4

Length	5.00"
Width	2.38"
Height	1.00"



Case Designation W1

Length	3.15"
Width	3.07"
Height	1.00"



Case Designation AQ7

Length	11.02"
Width	1.20"
Height	1.00"



Case Designation U7

Length	5.00"
Width	3.00"
Height	1.38"



Case Designation W2

Length	16.89"
Width	1.18"
Height	1.00"



Case Designation U4

Continued on next page

Programmable Cradle



SmartCurrent Cradle

KTLD-SC-PGMR-1 / G2

The SmartCurrent Cradle connects the programmable driver to the SmartCurrent Cradle software via USB (cable included). Start by downloading the SmartCurrent Cradle software from *keystonetech.com/programmable-driver-software*. Then use the software to program the driver to your specifications.

KTLD-30-UV-SC1050-56-VDIM-U7
KTLD-50-UV-SC1400-56-VDIM-U7
KTLD-85-UV-SC2600-56-VDIM-U4
KTLD-100-UV-SC3000-56-VDIM-U4

For SmartCurrent Drivers with U Style Designations:
- SmartCurrent Cradle KTLD-SC-PGMR-1 /G2
- Computer

(Optional handheld adapter KTLD-SC-ADPT-1A /G2)



Drivers are available for pre-programming before shipment. Order with /pp at the end of the catalog number and list the desired output current setting on the purchase order. Example: KTLD-30-UV-SC1050-56-VDIM-U7 /PP

Programmable Cradle

KTLD-25-UV-SC1250-56-VDIM-W1
KTLD-40-UV-SC1400-56-VDIM-W1

For SmartCurrent Drivers with W1 Style Designations:
- SmartCurrent Cradle KTLD-SC-PGMR-1 /G2
- Jig adapter KTLD-SC-ADPT-1B / G2
- Computer



KTLD-12-UV-SC500-56-VDIM-AF1
KTLD-20-UV-SC730-56-VDIM-AF4

For SmartCurrent Drivers with AF Style Designations:
- SmartCurrent Cradle KTLD-SC-PGMR-1 /G2
- Jig adapter KTLD-SC-ADPT-1C / G2
- Computer



KTLD-25-UV-SC1050-56-VDIM-AQ7

For SmartCurrent Drivers with AQ7 Style Designations:
- SmartCurrent Cradle KTLD-SC-PGMR-1 /G2
- Jig adapter KTLD-SC-ADPT-1D
- Computer



KTLD-70-UV-SC2800-56-VDIM-W2

For SmartCurrent Drivers with W2 Style Designations:
- SmartCurrent Cradle KTLD-SC-PGMR-1 /G2
- Jig adapter KTLD-SC-ADPT-1E
- Computer



Drivers are available for pre-programming before shipment. Order with /pp at the end of the catalog number and list the desired output current setting on the purchase order. Example: KTLD-30-UV-SC1050-56-VDIM-U7 /PP

Selectable



POWER SELECT

Features & Benefits

- Dimmable with 0-10V dimmer down to >10%
- Adjustable output current: 4 selectable output currents via slide switch
- Reduce SKUs with output flexibility
- Multiple form factors for a variety of applications
- Low optical flicker
- Built-in surge protection
- Meets FCC Part 15 (Class B) consumer limits
- Class 2 Output
- UL 8750, Class P

Class P c UL us RoHS Compliant 10 YEAR LIMITED WARRANTY

Selectable

15W

CATALOG NUMBER	OCV	TYPICAL EFFICIENCY AT 120V	TYPICAL EFFICIENCY AT 240V	TYPICAL EFFICIENCY AT 277V	CLASS 2 US	CLASS 2 CANADA	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER
KTLD-15-UV-PS300-54-VDIM-LP1	60V	84%	84%	84%	Yes	No	120-277V	30-54V	200mA	10.8W
									230mA	12.4W
									270mA	14.6W
									300mA	16.2W
KTLD-15-UV-PS350-42-VDIM-LP1	47V	84%	84%	84%	Yes	Yes	120-277V	20-42V	260mA	10.9W
									290mA	12.2W
									320mA	13.4W
									350mA	14.7W

Length	4.50"
Width	1.34"
Height	0.94"



Case Designation LP1

25W

CATALOG NUMBER	OCV	TYPICAL EFFICIENCY AT 120V	TYPICAL EFFICIENCY AT 240V	TYPICAL EFFICIENCY AT 277V	CLASS 2 US	CLASS 2 CANADA	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER
KTLD-25-UV-PS450-54-VDIM-LP2	60V	87%	88%	88%	Yes	No	120-277V	30-54V	300mA	16.2W
									350mA	18.9W
									400mA	21.6W
									450mA	24.3W
KTLD-25-UV-PS600-42-VDIM-LP2	47V	86%	87%	87%	Yes	Yes	120-277V	20-42V	450mA	18.9W
									500mA	21.0W
									550mA	23.1W
									600mA	25.2W

Length	6.34"
Width	1.34"
Height	0.95"



Case Designation LP2

Continued on next page

Selectable

35W & 45W

CATALOG NUMBER	OCV	TYPICAL EFFICIENCY AT 120V	TYPICAL EFFICIENCY AT 240V	TYPICAL EFFICIENCY AT 277V	CLASS 2		INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER
					US	CANADA				
KTLD-35-UV-PS650-54-VDIM-LM1	60V	90%	90%	90%	Yes	No	120-277V	30-54V	500mA	27.0W
									550mA	29.7W
									600mA	32.4W
									650mA	35.1W
KTLD-35-UV-PS850-42-VDIM-LM1	47V	89%	90%	90%	Yes	Yes	120-277V	20-42V	700mA	29.4W
									750mA	31.5W
									800mA	33.6W
									850mA	35.7W
KTLD-45-UV-PS850-54-VDIM-LM1	60V	89%	90%	90%	Yes	No	120-277V	30-54V	700mA	37.8W
									750mA	40.5W
									800mA	43.2W
									850mA	45.9W
KTLD-45-UV-PS1100-42-VDIM-LM1	47V	89%	90%	90%	Yes	Yes	120-277V	20-42V	900mA	37.8W
									950mA	39.9W
									1000mA	42.0W
									1100mA	46.2W

Length	9.49"
Width	1.23"
Height	1.15"



Case Designation LM1

Selectable

75W & 100W

CATALOG NUMBER	OCV	TYPICAL EFFICIENCY AT 120V	TYPICAL EFFICIENCY AT 240V	TYPICAL EFFICIENCY AT 277V	CLASS 2		INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER
					US	CANADA				
KTLD-75-UV-PS1400-54-VDIM-LM2	60V	90%	91%	91%	Yes	No	120-277V	30-54V	1100mA	59.4W
									1200mA	64.8W
									1300mA	70.2W
									1400mA	75.6W
KTLD-75-UV-PS1700-42-VDIM-LM2	47V	89%	90%	90%	Yes	Yes	120-277V	20-42V	1400mA	58.8W
									1500mA	63.0W
									1600mA	67.2W
									1700mA	71.4W
KTLD-100-UV-PS1800-54-VDIM-LM2	60V	90%	91%	91%	Yes	No	120-277V	30-54V	1500mA	84.0W
									1600mA	89.6W
									1700mA	95.2W
									1800mA	100.8W
KTLD-100-UV-PS2300-42-VDIM-LM2	47V	89%	90%	90%	Yes	Yes	120-277V	20-42V	2000mA	84.0W
									2100mA	88.2W
									2200mA	92.4W
									2300mA	96.9W

Length	11.43"
Width	1.23"
Height	1.15"



Case Designation LM2

Micro Case



Features & Benefits

- Evaluated to UL 8750 standards, Class P
- Power factor: >0.90
- Ultra-compact, delivering full programmability in minimal space
- SAM qualified

Class P c UL us RoHS Compliant 5 YEAR WARRANTY SAM

LED Drivers | **CONSTANT VOLTAGE**

Micro Case

12V Micro Case

CATALOG NUMBER	INPUT VOLTAGE	MAX WATTAGE	OUTPUT VOLTAGE	MAXIMUM CURRENT
KTLD-60-UV-12V-MC1	120-277Vac	60W	12V	5.00A

Length	5.67"
Width	0.82"
Height	0.78"



Case Designation MC1

24V Micro Case

CATALOG NUMBER	INPUT VOLTAGE	MAX WATTAGE	OUTPUT VOLTAGE	MAXIMUM CURRENT
KTLD-100-UV-24V-MC2	120-277Vac	100W	24V	4.00A

Length	5.94"
Width	1.07"
Height	0.78"



Case Designation MC2

Standard Case



Features & Benefits

- Evaluated to UL 8750 standards, Class P
- Variety of case sizes
- SAM qualified options (UL iQ Listed)

Standard Case

Standard Case

CATALOG NUMBER	WATTAGE FAMILY	RATED OUTPUT VOLTAGE	MAXIMUM POWER	MAXIMUM CURRENT	INPUT VOLTAGE	SAM (UL IQ QUALIFIED)
KTLD-10-1N-12V-F3	10W	12Vdc	10W	0.83A	120Vac	Yes
KTLD-24-UV-12V-AK1	24W	12Vdc	24W	2.00A	120-277Vac	Yes
KTLD-24-UV-24V-AK1		24Vdc	24W	1.00A	120-277Vac	Yes
KTLD-60-UV-12V	60W	12Vdc	60W	5.00A	120-277Vac	Yes
KTLD-60-UV-12V-67-AP4		12Vdc	60W	5.00A	120-277Vac	Yes
KTLD-60-UVN-12V-SC1		12Vdc	60W	5.00A	120-277Vac	N/A
KTLD-60-UV-24V		24Vdc	60W	2.50A	120-277Vac	Yes
KTLD-80-UV-24V	80W	24Vdc	80W	3.30A	120-277Vac	Yes
KTLD-100-UV-12V	100W	12Vdc	100W	8.00A	120-277Vac	Yes
KTLD-100-UV-24V		24Vdc	100W	4.00A	120-277Vac	Yes
KTLD-120-UV-12V-L10	120W	12Vdc	120W (2x60W Channels)	5.00A	120-277Vac	Yes

Sign Component Manual (SAM) - SAM is a directory governed by UL that lists all components that have been tested and certified under the UL standard for electric signs.
It is updated quarterly and contains all of the components associated with the manufacturing of electric signs, including LED power supplies. For more information, visit www.ul.com.

Electronic Fluorescent



Features & Benefits

- Extensive portfolio of electronic and magnetic ballasts covers legacy fluorescent lighting applications
- UL Listed

c UL us RoHS Compliant 5 YEAR WARRANTY 3 YEAR WARRANTY

Electronic Fluorescent

T12

CATALOG NUMBER	PRIMARY LAMP TYPE	NO. OF LAMPS	INPUT VOLTAGE	WARRANTY	DESCRIPTION
KTEB-120-1-TP-EMI	F20T12	1	120V	3 Years	1 lamp F20T12, FCC Class B, normal power factor
KTEB-220-1-TP-EMI		2	120V	3 Years	2 lamp F20T12, FCC Class B, normal power factor
KTEB-140-1-TP-EMI	F40T12	1	120V	3 Years	1 lamp F40T12, FCC Class B, normal power factor
KTEB-240-1-TP-PIC		2	120V	3 Years	2 lamp F40T12, F30T12, and F34T12, high power factor
KTEB-240-UV-TP-PIC			120-277V	3 Years	2 lamp F40T12, F30T12, and F34T12, high power factor
KTEB-275-1-TP-PIC-SL	F96T12	1 or 2	120V	3 Years	1 or 2 lamp F96T12, F96T12ES and F72T12, 9.45" case
KTEB-275-UV-TP-PIC			120-277V	3 Years	1 or 2 lamp F96T12, F96T12ES and F72T12
KTEB-275-UV-TP-PIC-SL				3 Years	1 or 2 lamp F96T12, F96T12ES and F72T12, 9.50" case
KTEB-2110-1-TP-PIC	F96T12HO	1 or 2	120V	3 Years	1 or 2 lamp F96T12HO
KTEB-2110-UV-TP-PIC			120-277V	3 Years	1 or 2 lamp F96T12HO

T8 Instant Start

CATALOG NUMBER	PRIMARY LAMP TYPE	NO. OF LAMPS	INPUT VOLTAGE	WARRANTY	LIGHT OUTPUT	DESCRIPTION
KTEB-232-UV-IS-L-P	F17T8 F25T8 F32T8*	1 or 2	120-277V	5 Years	Low	1 or 2 lamp F17/25/32 T8, reduced output
KTEB-232-UV-IS-N-P				5 Years	Normal	1 or 2 lamp F17/25/32 T8, standard output
KTEB-232-UV-IS-H-P				5 Years	High	1 or 2 lamp F17/25/32 T8, high output
KTEB-332-UV-IS-L-P		2 or 3	120-277V	5 Years	Low	2 or 3 lamp F17/25/32 T8, reduced output
KTEB-332-UV-IS-N-P				5 Years	Normal	2 or 3 lamp F17/25/32 T8, standard output
KTEB-332-UV-IS-H-P				5 Years	High	2 or 3 lamp F17/25/32 T8, high output
KTEB-432-UV-IS-L-P		3 or 4	120-277V	5 Years	Low	3 or 4 lamp F17/25/32 T8, reduced output
KTEB-432-UV-IS-N-P				5 Years	Normal	3 or 4 lamp F17/25/32 T8, standard output
KTEB-432-UV-IS-H-P				5 Years	High	3 or 4 lamp F17/25/32 T8, high output
KTEB-259-UV-IS-N	F96T8	1 or 2	120-277V	5 Years	Normal	1 or 2 lamp F72/96/96ES T8 standard output
KTEB-286HO-UV-IS-N	F96T8HO	1 or 2	120-277V	5 Years	Normal	1 or 2 lamp F48/60/72/96T8HO standard output

*F32T8 lamps including F32T8 (25W), F32T8 (28W), F32T8 (30W) and F32T8 (32W)

Continued on next page

Electronic Fluorescent

T8 Program Start

CATALOG NUMBER	PRIMARY LAMP TYPE	NO. OF LAMPS	INPUT VOLTAGE	WARRANTY	LIGHT OUTPUT	DESCRIPTION
KTEB-132-UV-PS-N-P	F17T8 F25T8 F32T8	1	120-277V	5 Years	Normal	1 lamp F17/25/32 T8, standard output
KTEB-232-UV-PS-VDIM		2	120-277V	5 Years	Normal	2 lamp F17/25/32 T8, 0-10V dimming
KTEB-332-UV-PS-L-P		2 or 3	120-277V	5 Years	Low	2 or 3 lamp F17/25/32 T8, reduced output
KTEB-332-UV-PS-H-P				5 Years	High	2 or 3 lamp F17/25/32 T8, high output
KTEB-270-UV-PS-N /C1	F58T8 or F70T8	1 or 2	120-277V	5 Years	Normal	1 or 2 lamp F58/70 T8 freezer ballast with Molex connectors

T5HE

CATALOG NUMBER	PRIMARY LAMP TYPE	NO. OF LAMPS	INPUT VOLTAGE	WARRANTY	DESCRIPTION
KTEB-228HE-UV-PS	F14T5HE, F21T5HE, F28T5HE	1 or 2	120-277V	5 Years	1 or 2 lamp F14/21/28 T5HE program start, 90°C rated
KTEB-228HE-UV-PS-SL				5 Years	1 or 2 lamp F14/21/28 T5HE program start, 90°C rated, 9.50" case

T5HO

CATALOG NUMBER	PRIMARY LAMP TYPE	NO. OF LAMPS	INPUT VOLTAGE	WARRANTY	DESCRIPTION
KTEB-239HO-UV-PS-SL	F24T5HO or F39T5HO	1 or 2	120-277V	5 Years	1 or 2 lamp F24T5HO or F39T5HO program start, 90°C rated, 9" case
KTEB-254HO-UV-PS	F54T5HO	1 or 2	120-277V	5 Years	1 or 2 lamp F54T5HO program start, 90°C rated
KTEB-254HO-UV-PS-SL				5 Years	1 or 2 lamp F54T5HO program start, 90°C rated, 9" case
KTEB-454HO-UV-PS		1-4	120-277V	5 Years	1-4 lamps F54T5HO program start, 90°C rated

Electronic Fluorescent

Compact Fluorescent

CATALOG NUMBER	PRIMARY LAMP TYPE	NO. OF LAMPS	INPUT VOLTAGE	WARRANTY	DESCRIPTION
CC579TP	9W CFL	1	120V	3 Years	5, 7, 9W, 2-pin CFL, magnetic
KTEB-213-UV-PS-DW	13W CFL	1 or 2	120-277V	5 Years	1 or 2 lamp 13W 4-pin CFL, program start
KTEB-213-UV-RS-DW				5 Years	1 or 2 lamp 13W 4-pin CFL, rapid start
KTEB-213-UV-RS-DW-KIT				5 Years	1 or 2 lamp 13W 4-pin CFL, kit includes wires/stud plate
KTEB-218-UV-PS-DW	18W CFL	1 or 2	120-277V	5 Years	1 or 2 lamp 18W 4-pin CFL, program start
KTEB-218-UV-RS-DW				5 Years	1 or 2 lamp 18W 4-pin CFL, rapid start
KTEB-218-UV-RS-DW-KIT				5 Years	1 or 2 lamp 18W 4-pin CFL, kit includes wires/stud plate
KTEB-226-UV-PS-DW	26W CFL	1 or 2	120-277V	5 Years	1 or 2 lamp 26W 4-pin CFL, program start
KTEB-226-UV-RS-DW				5 Years	1 or 2 lamp 26W 4-pin CFL, rapid start
KTEB-226-UV-RS-DW-KIT				5 Years	1 or 2 lamp 26W 4-pin CFL, kit includes wires/stud plate
KTEB-242-UV-PS-DW	42W CFL	1 or 2	120-277V	5 Years	1 or 2 lamp 42W 4-pin CFL, program start
KTEB-242-UV-RS-DW				5 Years	1 or 2 lamp 42W 4-pin CFL, rapid start
KTEB-242-UV-RS-DW-KIT				5 Years	1 or 2 lamp 42W 4-pin CFL, kit includes wires/stud plate

Circline

CATALOG NUMBER	PRIMARY LAMP TYPE	NO. OF LAMPS	INPUT VOLTAGE	WARRANTY	DESCRIPTION
KTEB-1C22-1-TP-WS	FC22T9	1	120V	3 Years	1 lamp 22W, small case, with sockets
KTEB-140-1-TP-EMI-WS	FC32T9 or FC40T9	1	120V	3 Years	1 lamp 32 or 40W, with sockets
KTEB-2C72-1-TP-WS	FC22T9 & FC32T9 or FC32T9 & FC40T9	2	120V	3 Years	2 lamp 22W & 32W or 32 & 40W, with sockets

Series Wiring



Features & Benefits

- Wires exactly the same as traditional magnetic ballasts for seamless compatibility and installation
- Electronic sign ballasts weigh up to 50% less than heavy magnetic ballasts
- Ballasts operate both T8HO and T12HO lamps, reducing inventory
- Minimum starting temperature of -29ºC/-20ºF
- 120V-277V Input
- Series wiring

c UL us | 4 YEAR WARRANTY | 2014 DOE COMPLIANT

Ballasts | **SIGN**

Series Wiring

T12HO

SMARTWIRE

CATALOG NUMBER	INPUT VOLTAGE	NO. OF LAMPS	COMBINED LAMP LENGTH	DESCRIPTION
KTSB-E-0416-12-UV-S*	120-277V	1-2	4'-16'	1-2 T12HO lamps with a combined length of 4-16 feet
KTSB-E-1232-24-UV-S*		2-4	12'-32'	2-4 T12HO lamps with a combined length of 12-32 feet
KTSB-E-2048-46-UV-S*		4-6	20'-48'	4-6 T12HO lamps with a combined length of 20-48 feet

* For use with lamps 8ft or shorter. For lamps over 8ft use KTSB-E-1040-14-UV

T8HO

SMARTWIRE

CATALOG NUMBER	INPUT VOLTAGE	NO. OF LAMPS	COMBINED LAMP LENGTH	DESCRIPTION
KTSB-E-0416-12-UV-S*	120-277V	1-2	4'-12'	1-2 T8HO lamps with a combined length of 4-12 feet
KTSB-E-1232-24-UV-S*		2-4	12'-24'	2-4 T8HO lamps with a combined length of 12-24 feet
KTSB-E-2048-46-UV-S*		4-6	20'-36'	4-6 T8HO lamps with a combined length of 20-36 feet

* For use with lamps 8ft or shorter. For lamps over 8ft use KTSB-E-1040-14-UV

Parallel Wiring



Features & Benefits

- Ideal for new sign construction or replacing early examples of electronic sign ballast installs
- Operates both T12HO and T8HO lamps
- 120-277V input
- UL Listed

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Ballasts | **SIGN**

Parallel Wiring

T12HO

PARALLELWIRE

CATALOG NUMBER	INPUT VOLTAGE	NO. OF LAMPS	COMBINED LAMP LENGTH	DESCRIPTION
KTSB-E-0216-12-UV*	120-277	1-2	2'-16'	1-2 T12HO lamps with a combined length of 2-16 feet
KTSB-E-0432-14-UV*		1-4	4'-32'	1-4 T12HO lamps with a combined length of 4-32 feet
KTSB-E-1040-14-UV			10'-40'	1-4 T12HO lamps with a combined length of 10-40 feet
KTSB-E-0848-46-UV*		4-6	8'-48'	4-6 T12HO lamps with a combined length of 8-48 feet

* For use with lamps 8ft or shorter. For lamps over 8ft use KTSB-E-1040-14-UV

T8HO

PARALLELWIRE

CATALOG NUMBER	INPUT VOLTAGE	NO. OF LAMPS	COMBINED LAMP LENGTH	DESCRIPTION
KTSB-E-0216-12-UV*	120-277	1-2	4'-12'	1-2 T8HO lamps with a combined length of 4-12 feet
KTSB-E-0432-14-UV*		1-4	4'-24'	1-4 T8HO lamps with a combined length of 4-24 feet
KTSB-E-1040-14-UV			8'-32'	1-4 T8HO lamps with a combined length of 8-32 feet
KTSB-E-0848-46-UV*		4-6	16'-36'	4-6 T8HO lamps with a combined length of 16-36 feet

* For use with lamps 8ft or shorter. For lamps over 8ft use KTSB-E-1040-14-UV

Germicidal / UV-C



Features & Benefits

- Ballast designed for germicidal/UV-C low-pressure mercury arc lamps
- Program start design ensures starting conditions that are optimal for lamp life
- 120-277V Input 50/60Hz
- UL Listed (Class P, Type 1 Outdoor, Type HL)
- 5-year warranty
- *To reference our UV-C Lamp Pairing Guide, use QR code or visit keystonetech.com/UVCPairingGuide*

Tested to work with Keystone UV Lamps

RoHS Compliant · 5 YEAR WARRANTY

Germicidal / UV-C

Compact Case Type — PUREFIT

CATALOG NUMBER	LAMP TYPE	NUMBER OF LAMPS	INPUT VOLTS	INPUT POWER	LAMP CURRENT	LAMP POWER PER LAMP
KTG15-2L-150-UV-PS-C1	KTL-G4T5-254-DE	1	120V	5.9W	150mA	3.4W
			277V	6.2W	150mA	3.4W
		2	120V	9.7W	150mA	3.4W
			277V	10W	150mA	3.5W
	KTL-G6T5-254-DE	1	120V	7.9W	150mA	5.2W
			277V	8.6W	150mA	5.4W
		2	120V	13.7W	150mA	5.1W
			277V	13.6W	150mA	5.1W
	KTL-G8T5-254-DE	1	120V	10.1W	150mA	7.2W
			277V	10.4W	150mA	7.1W
		2	120V	17.9W	150mA	7W
			277V	17.7W	150mA	7W
KTG40-2L-300-UV-PS-C1	KTL-G15T8-254-DE	1	120V	18W	300mA	14W
			277V	18W	300mA	14W
		2	120V	32W	295mA	14W
			277V	32W	295mA	14W
	KTL-G30T8-254-DE	1	120V	34W	295mA	29W
			277V	33W	295mA	29W
	KTL-G36T8-254-DE	1	120V	42W	295mA	37W
			277V	42W	295mA	37W
KTG45-2L-370-UV-PS-C1	KTL-G16T5-254-4P (GPH317T5L/4P)	1	120V	19W	380mA	12W
			277V	19W	380mA	12W
		2	120V	36W	350mA	13W
			277V	35W	350mA	13W
	KTL-G17T5-254-4P (GPH357T5L/4P)	1	120V	20W	370mA	14W
			277V	21W	370mA	14W
		2	120V	36W	350mA	14W
			277V	35W	350mA	13W
	KTL-G22T5-254-4P	1	120V	24W	370mA	17W
			277V	24W	370mA	17W
		2	120V	42W	340mA	16W
			277V	41W	340mA	16W
	KTL-G36T5-254-4P	1	120V	42W	370mA	34W
			277V	41W	370mA	34W
	KTL-G18PLL-254-2G11	1	120V	21W	390mA	16W
			277V	22W	390mA	17W
		2	120V	38W	360mA	15W
			277V	37W	360mA	15W
	KTL-G36PLL-254-2G11	1	120V	37W	380mA	31W
			277V	38W	380mA	32W
	KTL-G30T8-254-DE	1	120V	39W	370mA	31W
			277V	38W	370mA	30W
	KTL-G36T8-254-DE	1	120V	52W	370mA	43W
			277V	52W	370mA	46W
KTG75-1L-800-UV-PS-C2	KTL-G55T8-254-HO-DE	1	120V	61W	820mA	52W
			277V	60W	820mA	50W
	KTL-G75T8-254-HO-DE	1	120V	74W	810mA	63W
			277V	74W	810mA	63W

Continued on next page

Germicidal / UV-C

Linear Case Type

PUREFIT

CATALOG NUMBER	LAMP TYPE	NUMBER OF LAMPS	INPUT VOLTS	INPUT POWER	LAMP CURRENT	LAMP POWER PER LAMP
KTG200-2L-500-UV-PS-L4	KTL-G95T8-254-HO-DE	1	120V	71W	510mA	64W
			277V	74W	510mA	65W
		2	120V	136W	490mA	62W
			277V	134W	490mA	61W
	KTL-G55PLL-254-2G11	1	120V	53W	520mA	48W
			277V	54W	520mA	48W
		2	120V	104W	500mA	49W
			277V	99W	500mA	47W
KTG100-2L-480-UV-PS-L1	KTL-G16T5-254-4P (GPH317T5L/4P)	1	120V	19W	490mA	15W
			277V	19W	490mA	15W
		2	120V	35W	480mA	15W
			277V	35W	480mA	15W
	KTL-G17T5-254-4P (GPH357T5L/4P)	1	120V	21W	490mA	17W
			277V	21W	490mA	17W
		2	120V	39W	480mA	17W
			277V	39W	480mA	17W
	KTL-G22T5-254-4P	1	120V	25W	485mA	21W
			277V	25W	485mA	21W
		2	120V	48W	475mA	21W
			277V	47W	475mA	21W
	KTL-G36T5-254-4P	1	120V	48W	480mA	42W
			277V	47W	480mA	42W
		2	120V	89W	455mA	40W
			277V	87W	455mA	40W
	KTL-G36T8-254-DE	1	120V	60W	480mA	53W
			277V	59W	480mA	53W
		2	120V	108W	445mA	50W
			277V	107W	445mA	50W
	KTL-G36PLL-254-2G11	1	120V	46W	485mA	42W
			277V	46W	485mA	42W
		2	120V	88W	460mA	40W
			277V	87W	460mA	40W

Germicidal / UV-C

Linear Case Type

PUREFIT

CATALOG NUMBER	LAMP TYPE	NUMBER OF LAMPS	INPUT VOLTS	INPUT POWER	LAMP CURRENT	LAMP POWER PER LAMP
KTG75-2L-350-UV-PS-L1	KTL-G15T8-254-DE	1	120V	18W	350mA	16W
			277V	18W	350mA	16W
		2	120V	34W	345mA	15W
			277V	34W	345mA	15W
	KTL-G30T8-254-DE	1	120V	34W	350mA	31W
			277V	34W	350mA	31W
		2	120V	68W	345mA	31W
			277V	67W	345mA	31W
	KTL-G36T8-254-DE	1	120V	45W	350mA	42W
			277V	45W	350mA	42W
	KTL-G16T5-254-4P (GPH317T5L/4P)	1	120V	15W	350mA	12W
			277V	15W	350mA	12W
		2	120V	28W	345mA	13W
			277V	28W	345mA	13W
	KTL-G17T5-254-4P (GPH357T5L/4P)	1	120V	18W	350mA	15W
			277V	18W	350mA	15W
		2	120V	33W	345mA	15W
			277V	33W	345mA	15W
	KTL-G22T5-254-4P	1	120V	20W	350mA	18W
			277V	20W	350mA	18W
		2	120V	39W	345mA	18W
			277V	39W	345mA	18W
	KTL-G36T5-254-4P	1	120V	39W	350mA	36W
			277V	39W	350mA	36W
		2	120V	75W	340mA	35W
			277V	74W	340mA	35W
	KTL-G18PLL-254-2G11	1	120V	19W	350mA	16W
			277V	19W	350mA	16W
		2	120V	35W	345mA	16W
			277V	35W	345mA	16W
	KTL-G36PLL-254-2G11	1	120V	37W	350mA	34W
			277V	37W	350mA	34W
		2	120V	75W	340mA	34W
			277V	73W	340mA	34W
KTG100-1L-800-UV-PS-L2	KTL-G55T8-254-HO-DE	1	120V	57W	825mA	52W
			277V	57W	825mA	52W
	KTL-G75T8-254-HO-DE	1	120V	76W	815mA	70W
			277V	76W	815mA	70W
	KTL-G95PLL-254-HO-2G11	1	120V	91W	805mA	85W
			277V	91W	805mA	85W
KTG150-1L-840-UV-PS-L3	KTL-G150T5-254-HO-4P	1	120V	123W	830mA	116W
			277V	123W	830mA	116W

High Pressure Sodium



Features & Benefits

- Covers all legacy lighting applications
- Ignitors and capacitors included with kits and sold separately
- UL Recognized

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Ballasts | **HID**

High Pressure Sodium

High Pressure Sodium Ballast Kits

CATALOG NUMBER	LAMP WATTAGE	NO. OF TAPS	INPUT VOLTAGE	ANSI CODE
HPS-35R-1-KIT	35W	Single	120V	S76
HPS-50R-1-KIT	50W	Single	120V	S68
HPS-70R-1-KIT	70W	Single	120V	S62
HPS-70X-Q-KIT		Quad	120/208/240/277V	S62
HPS-100R-1-KIT	100W	Single	120V	S54
HPS-100X-Q-KIT		Quad	120/208/240/277V	S54
HPS-150R-1-KIT	150W	Single	120V	S55
HPS-150X-Q-KIT		Quad	120/208/240/277V	S55
HPS-250A-Q-KIT	250W	Quad	120/208/240/277V	S50
HPS-250A-P-KIT		5-Tap	120/208/240/277/480V	S50
HPS-400A-480-KIT	400W	Single	480V	S51
HPS-400A-Q-KIT		Quad	120/208/240/277V	S51
HPS-400A-P-KIT		5-Tap	120/208/240/277/480V	S51
HPS-600A-Q-KIT	600W	Quad	120/208/240/277V	S106
HPS-1000A-Q-KIT	1000W	Quad	120/208/240/277V	S52
HPS-1000A-P-KIT		5-Tap	120/208/240/277/480V	S52

Ignitors

CATALOG NUMBER	LAMP WATTAGE	NO. OF TAPS	INPUT VOLTAGE
IGN-XG-01	High Pressure Sodium	35-150W	Reactor, HX
IGN-XG-02	High Pressure Sodium	250-400W	CWA
IGN-XG-03	High Pressure Sodium	1000W	CWA
IGN-XG-06	High Pressure Sodium	600W	CWA

Metal Halide



Features & Benefits

- Covers all legacy lighting applications
- Core and coil construction; F-CAN versions available for select ANSI codes
- Ignitors and capacitors included with kits and sold separately
- UL Recognized

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Metal Halide

Metal Halide Ballast Kits

CATALOG NUMBER	LAMP WATTAGE	NO. OF TAPS	INPUT VOLTAGE	ANSI CODE
MH-50X-Q-KIT	50W	Quad	120/208/240/277V	M110
MH-70X-Q-KIT	70W	Quad	120/208/240/277V	M98
MH-100X-Q-KIT	100W	Quad	120/208/240/277V	M90
MH-150X-Q-KIT	150W	Quad	120/208/240/277V	M102
MH-175A-Q-KIT	175W	Quad	120/208/240/277V	M57
MH-175A-P-KIT		5-Tap	120/208/240/277/480V	M57
MH-250A-480-KIT	250W	Single	480V	M58
MH-250A-Q-KIT		Quad	120/208/240/277V	M58
MH-250A-P-KIT		5-Tap	120/208/240/277/480V	M58
MH-400A-480-KIT	400W	Single	480V	M59
MH-400A-Q-KIT		Quad	120/208/240/277V	M59
MH-400A-P-KIT		5-Tap	120/208/240/277/480V	M59
MH-1000A-480-KIT	1000W	Single	480V	M47
MH-1000A-Q-KIT		Quad	120/208/240/277V	M47
MH-1000A-P-KIT		5-Tap	120/208/240/277/480V	M47
MH-1500A-Q-KIT	1500W	Quad	120/208/240/277V	M48
MH-1500A-P-KIT		5-Tap	120/208/240/277/480V	M48

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Metal Halide F-CAN Ballasts

CATALOG NUMBER	LAMP WATTAGE	NO. OF TAPS	INPUT VOLTAGE	ANSI CODE
MH-50X-D-FCAN	50W	Dual	120/277V	M110
MH-70X-D-FCAN	70W	Dual	120/277V	M98
MH-100X-D-FCAN	100W	Dual	120/277V	M90
MH-150X-D-FCAN	150W	Dual	120/277V	M102
MH-175A-D-FCAN	175W	Dual	120/277V	M57/H39
MH-250A-D-FCAN	250W	Dual	120/277V	M58/H37
MH-400A-D-FCAN	400W	Dual	120/277V	M59/H33

Ignitors | F-CAN

CATALOG NUMBER	LAMP TYPE	WATTAGE	TYPE
IGN-XG-04	Probe Start Metal Halide	50-150W	HX

Capacitors | F-CAN

CATALOG NUMBER	LAMP TYPE	WATTAGE	MICROFARAD	VOLTAGE	TYPE
CAP-50MH	Metal Halide	50W	6µF	280V	Dry Film
CAP-70MH	Metal Halide	70W	8µF	280V	Dry Film
CAP-100MH	Metal Halide	100W	12µF	280V	Dry Film
CAP-150MH	Metal Halide	150W	16µF	280V	Dry Film
CAP-175MH	Metal Halide	175W	10µF	400V	Dry Film
CAP-250MH	Metal Halide	250W	15µF	400V	Dry Film
CAP-400MH	Metal Halide	400W	24µF	400V	Dry Film
CAP-1000MH	Metal Halide	1000W	24µF	480V	Oil Filled
CAP-1500MH	Metal Halide	1500W	32µF	525V	Oil Filled

Pulse Start Metal Halide Ballast Kits

CATALOG NUMBER	LAMP WATTAGE	NO. OF TAPS	INPUT VOLTAGE	ANSI CODE
MPS-175A-Q-KIT	175W	Quad	120/208/240/277V	M137
MPS-175A-P-KIT		5-Tap	120/208/240/277/480V	M137
MPS-200A-P-KIT	200W	5-Tap	120/208/240/277/480V	M136
MPS-250A-Q-KIT	250W	Quad	120/208/240/277V	M138
MPS-250A-P-KIT		5-Tap	120/208/240/277/480V	M138
MPS-320A-Q-KIT	320W	Quad	120/208/240/277V	M132
MPS-320A-P-KIT		5-Tap	120/208/240/277/480V	M132
MPS-350A-Q-KIT	350W	Quad	120/208/240/277V	M131
MPS-350A-P-KIT		5-Tap	120/208/240/277/480V	M131
MPS-400A-480-KIT	400W	Single	480V	M135
MPS-400A-Q-KIT		Quad	120/208/240/277V	M135
MPS-400A-P-KIT		5-Tap	120/208/240/277/480V	M135
MPS-450A-Q-KIT	450W	Quad	120/208/240/277V	M144
MPS-450A-P-KIT		5-Tap	120/208/240/277/480V	M144
MPS-750A-Q-KIT	750W	Quad	120/208/240/277V	M149
MPS-750A-P-KIT		5-Tap	120/208/240/277/480V	M149
MPS-1000A-Q-KIT	1000W	Quad	120/208/240/277V	M141
MPS-1000A-P-KIT		5-Tap	120/208/240/277/480V	M141

Ignitors | Pulse Start

CATALOG NUMBER	LAMP TYPE	WATTAGE	TYPE
IGN-XG-03/A	Pulse Start Metal Halide	750W	CWA
IGN-XG-04	Pulse Start Metal Halide	175-450W	CWA

Continued on next page

Metal Halide

Capacitors | Pulse Start

CATALOG NUMBER	LAMP TYPE	WATTAGE	MICROFARAD	VOLTAGE	TYPE
CAP-175MPS	Pulse Start Metal Halide	175W	11µF	400V	Dry Film
CAP-200MPS	Pulse Start Metal Halide	200W	15µF	330V	Dry Film
CAP-250MPS	Pulse Start Metal Halide	250W	17µF	400V	Dry Film
CAP-320MPS	Pulse Start Metal Halide	320W	21µF	345V	Dry Film
CAP-350MPS	Pulse Start Metal Halide	350W	22.5µF	345V	Dry Film
CAP-400MPS	Pulse Start Metal Halide	400W	26µF	330V	Dry Film
CAP-450MPS	Pulse Start Metal Halide	450W	26.5µF	400V	Dry Film
CAP-750MPS	Pulse Start Metal Halide	750W	28µF	400V	Oil Filled
CAP-1000MPS	Pulse Start Metal Halide	1000W	24µF	480V	Oil Filled

No voice prompts or menus. Your call will always be answered by a live, educated team member.

[Personal Service]



High Voltage



Features & Benefits

- Non-isolated autotransformer
- For use with T5, T8, LED, CFL, or electronic HID ballasts operating at 277V input voltage
- Thermally protected
- UL and cUL 5085 approved
- 5-year limited warranty

c UL us RoHS Compliant 5 YEAR WARRANTY

High Voltage

High Voltage

CATALOG NUMBER	INPUT VOLTAGE	INPUT CURRENT AT MAX LOAD	INPUT CURRENT AT NO LOAD	OUTPUT VOLTAGE	MAX LOAD	MAX OUTPUT CURRENT	CONSTRUCTION
KTAT-150-480-277-OC	347V	0.45A	0.06A	240V	125VA	0.52A	Open core, flying leads
				277V	150VA	0.54A	
	480V	0.33A	0.05A	240V	125VA	0.52A	
				277V	150VA	0.54A	

Length	2.76"
Width	2.32"
Height	1.93"



CATALOG NUMBER	INPUT VOLTAGE	INPUT CURRENT AT MAX LOAD	INPUT CURRENT AT NO LOAD	OUTPUT VOLTAGE	MAX LOAD	MAX OUTPUT CURRENT	CONSTRUCTION
KTAT-250-480-277 /A	347V	0.57A	0.11A	200V	180VA	0.90A	Fully enclosed, flying leads
	480V	0.57A	0.16A	277V	250VA	0.90A	

Length	9.45"
Width	1.70"
Height	1.20"



CATALOG NUMBER	INPUT VOLTAGE	INPUT CURRENT AT MAX LOAD	INPUT CURRENT AT NO LOAD	OUTPUT VOLTAGE	MAX LOAD	MAX OUTPUT CURRENT	CONSTRUCTION
KTAT-250-480-277 /SF	347V	0.57A	0.11A	200V	180VA	0.90A	Fully enclosed, single flex
	480V	0.57A	0.16A	277V	250VA	0.90A	

Length	11.73"
Width	1.70"
Height	1.22"



CATALOG NUMBER	INPUT VOLTAGE	INPUT CURRENT AT MAX LOAD	INPUT CURRENT AT NO LOAD	OUTPUT VOLTAGE	MAX LOAD	MAX OUTPUT CURRENT	CONSTRUCTION
KTAT-375-480-277 /A	347V	0.86A	0.11A	200V	270VA	1.35A	Fully enclosed, flying leads
	480V	0.86A	0.21A	277V	375VA	1.35A	

Length	11.70"
Width	1.70"
Height	1.20"



CATALOG NUMBER	INPUT VOLTAGE	INPUT CURRENT AT MAX LOAD	INPUT CURRENT AT NO LOAD	OUTPUT VOLTAGE	MAX LOAD	MAX OUTPUT CURRENT	CONSTRUCTION
KTAT-375-480-277 /SF	347V	0.86A	0.11A	200V	270VA	1.35A	Fully enclosed, single flex
	480V	0.86A	0.21A	277V	375VA	1.35A	

Length	12.50"
Width	2.30"
Height	1.27"



Low Voltage



Features & Benefits

- Minimum starting temperature: -18°C / 0°F
- Maximum case temperature: 75°C / 167°F
- Transient protection meets ANSI/IEEE C62.41 Cat. A
- Short circuit protection
- Class 2 LED Driver
- 3-year limited warranty
- RU and cRU
- For use with halogen and MR16LED lamps
- No minimum load

RoHS Compliant | 3 YEAR WARRANTY | c UL us

Low Voltage

Low Voltage

CATALOG NUMBER	MAX. INPUT POWER	INPUT VOLTAGE	INPUT CURRENT	OUTPUT VOLTAGE	DIMMABLE	DESCRIPTION
KTET-60-1-WC-F	60W	120V	0.50A	11V	No	With cord and fuse, not short circuit protected
KTET-60-1-SCP-DIM-AL	60W	120V	0.50A	12V	Yes	Class 2, aluminum case, short circuit protected
KTET-75-1-SCP-EMI	75W	120V	0.63A	11V	No	EMI filter, meets FCC Part 18 (Class B) consumer limits, short circuit protected
KTET-75-1-SCP-DIM-RJS	75W	120V	0.62A	11V	Yes	Rear mount studs and leads for J-box application, short circuit protected
KTET-75-1-SCP-DIM-HV-AL	75W	120V	0.59A	12V	Yes	Aluminum case, side leads, short circuit protected
KTET-75-2-SCP-RJS	75W	277V	0.26A	11V	No	Rear mount studs and leads for J-box application, short circuit protected
KTET-150-1-SCP-DIM	150W	120V	1.27A	11.4V	Yes	Aluminum case, short circuit protected

COMPATIBLE KEYSTONE MR16 LAMPS	CATALOG PAGE NUMBER
KT-LED6MR16-S-8xx	P 183
KT-LED7.5MR16-NS-9xx	
KT-LED7.5MR16-S-9xx	
KT-LED7MR16-S-9xx	
KT-LED7MR16-VNS-9xx	
KT-LED7MR16-NS-9xx	

Low Voltage - LED Specific



Features & Benefits

- Minimum starting temperature: -18°C / 0°F
- Maximum case temperature: 75°C / 167°F
- Transient protection meets ANSI/IEEE C62.41 Cat. A
- Short circuit protection
- Class 2 LED Driver
- Leading / trailing edge dimmable
- 3-year limited warranty
- RU and cRU
- For use with LED lamps only
- No minimum load

RoHS Compliant | 3 YEAR WARRANTY | c UL us

Low Voltage - LED Specific

Low Voltage - LED Specific

CATALOG NUMBER	INPUT VOLTAGE	KEYSTONE MR16 LED LAMP WATTAGE	DIMMABLE	NO. OF LAMPS	INPUT WATTS	INPUT CURRENT	POWER FACTOR	OUTPUT VOLTAGE
KTET-20-277-LED	277V	7.5W	No	1	7.6W	0.03A	0.96	12Vac
				2	14.4W	0.05A	0.96	12Vac
				3	21W	0.08A	0.95	12Vac
		7W		1	7.5W	0.03A	0.96	12Vac
				2	14.1W	0.05A	0.96	12Vac
				3	20.5W	0.08A	0.95	12Vac
KTET-20-1-LED-FDIM	120V	7.5W	TRIAC or ELV	1	7.1W	0.06A	0.95	12Vac
				2	14.1W	0.13A	0.94	12Vac
				3	21W	0.19A	0.93	12Vac
		7W		1	6.9W	0.06A	0.95	12Vac
				2	13.6W	0.12A	0.94	12Vac
				3	20.5W	0.18A	0.93	12Vac

COMPATIBLE KEYSTONE MR16 LAMPS	CATALOG PAGE NUMBER
KT-LED6MR16-S-8xx	P 183
KT-LED7.5MR16-NS-9xx	
KT-LED7.5MR16-S-9xx	
KT-LED7MR16-S-9xx	
KT-LED7MR16-VNS-9xx	
KT-LED7MR16-NS-9xx	

LED MODULES &LIGHT ENGINES

LED MODULES & LIGHT ENGINES

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LED Modules

Linear



Standard
P 74



Aluminum Extrusion
P 76-78

Circular



Circular
P 80

Square &
Rectangular



Square & Rectangular
P 82

LED Light Engines

Circular Driver
on Board



Circular Driver on Board
P 84

Circular



Circular
P 86

Linear



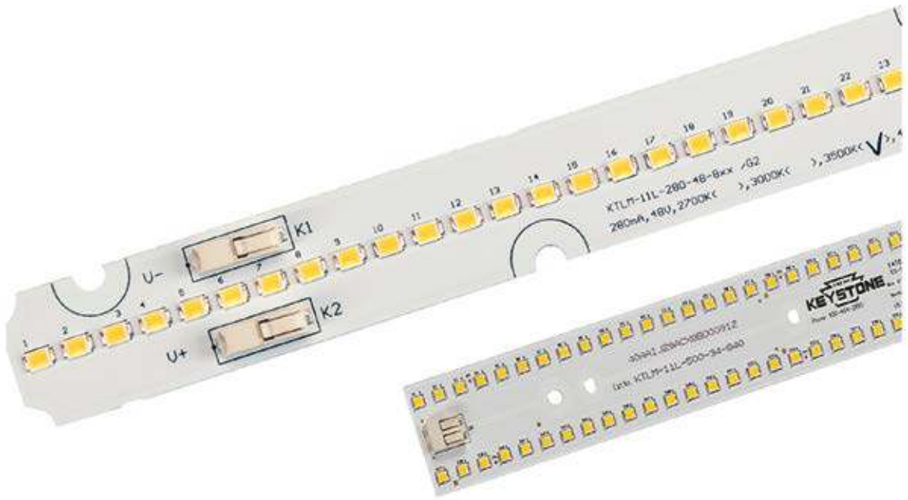
Linear
P 88

Rectangular



Rectangular
P 90

Standard



Features & Benefits

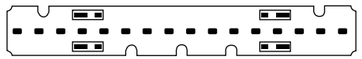
- Low-profile modules available in a variety of sizes and lighting density packages for use in linear lighting applications
- For use in Class 2 lighting systems
- 3-step color binning standard
- Constructed of UL Recognized components
- WAGO brand push connectors on all modules
- 90 CRI modules available as special order
- Available in Standard Pack and Bulk Pack cartons

RoHS Compliant | 5 YEAR WARRANTY

Standard

Single Row

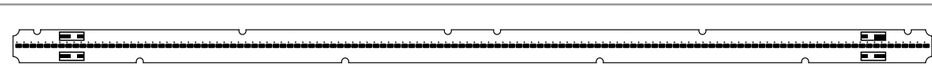
CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX INPUT CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTLM-5.5L-140-24-8xx /G2	5.44" L x 0.79" W	16	140mA	22.1Vdc	3.1W	3000K	558	180 lm/W
						3500K	568	183 lm/W
						4000K	571	184 lm/W
						5000K	580	187 lm/W



CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX INPUT CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTLM-11L-280-24-8xx /G2	11.02" L X 0.79" W	32	280mA	22.1Vdc	6.2W	3000K	1087	175 lm/W
						3500K	1119	180 lm/W
						4000K	1156	186 lm/W
						5000K	1199	193 lm/W
KTLM-11L-280-48-8xx /G2		48		44.7Vdc	12.5W	3000K	2149	172 lm/W
						3500K	2192	175 lm/W
						4000K	2268	181 lm/W
						5000K	2360	189 lm/W



CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX INPUT CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTLM-22L-560-24-8xx /G2	22.02" L X 0.79" W	64	560mA	22.2Vdc	12.4W	3000K	2177	176 lm/W
						3500K	2220	179 lm/W
						4000K	2264	183 lm/W
						5000K	2403	194 lm/W
KTLM-22L-560-48-8xx /G2		96		44.7Vdc	25.1W	3000K	4281	171 lm/W
						3500K	4454	177 lm/W
						4000K	4494	179 lm/W
						5000K	4689	187 lm/W



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Aluminum Extrusion



Features & Benefits

- High-efficacy linear LED modules pre-mounted into aluminum extrusion via a patented manufacturing method
- For use in Class 2 lighting systems only
- High lumen density design; approximately 2,995 lumens/foot
- Completely heat sinked, no additional heat sinking needed to extend lifetime
- Low profile, push-in connectors
- Made with UL Recognized components
- Reported L70 > 54,000 hours at 85°C/185°F
- Linkable in parallel with different length AlumaGroove modules
- Optional snap-on diffused lenses available

RoHS Compliant | 5 YEAR WARRANTY

LED Modules | **LINEAR**

Aluminum Extrusion

80 CRI Modules

ALUMAGROOVE

CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX. INPUT CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTAG-11L-350-28-8xx-RJ /G2	11.02" L x 1.27" W	40	350mA	29.4Vdc	10.3W	3000K	1668	162 lm/W
						3500K	1751	170 lm/W
						4000K	1829	178 lm/W
						5000K	1840	179 lm/W
KTAG-22L-700-28-8xx-RJ /G2	22.04" L x 1.25" W	80	700mA	26.5Vdc	18.5W	3000K	2992	162 lm/W
						3500K	3134	169 lm/W
						4000K	3182	172 lm/W
						5000K	3284	178 lm/W
KTAG-33L-1050-30-8xx-RJ	33.00" L x 1.26" W	120	1050mA	29.8Vdc	31.3W	3000K	4178	133 lm/W
						3500K	4220	135 lm/W
						4000K	4263	136 lm/W
						5000K	4350	139 lm/W
KTAG-44L-1400-28-8xx-RJ /G2	44.09" L x 1.25" W	160	1400mA	26.7Vdc	37.4W	3000K	5923	158 lm/W
						3500K	6147	164 lm/W
						4000K	6414	171 lm/W
						5000K	6442	172 lm/W

90 CRI Modules SPECIAL ORDER ONLY

ALUMAGROOVE

CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX. INPUT CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTAG-11L-350-28-9xx-RJ /G2	11.02" L x 1.27" W	40	350mA	28.8Vdc	10.1W	2700K	1468	145 lm/W
						3000K	1475	146 lm/W
						4000K	1505	149 lm/W
						5000K	1545	153 lm/W
KTAG-22L-700-28-9xx-RJ /G2	22.04" L x 1.25" W	80	700mA	26.1Vdc	18.2W	2700K	2621	144 lm/W
						3000K	2654	146 lm/W
						4000K	2748	151 lm/W
						5000K	2881	158 lm/W

Continued on next page

Aluminum Extrusion

High Output Modules

ALUMAGROOVE

CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX. INPUT CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTAG-11L-350-46-8xx-RJ /G2	11.02" L x 1.27" W	64	350mA	41.5Vdc	14.5W	3000K	2484	171 lm/W
						3500K	2490	172 lm/W
						4000K	2646	182 lm/W
						5000K	2651	183 lm/W
KTAG-22L-700-46-8xx-RJ /G2	22.04" L x 1.25" W	128	700mA	41.7Vdc	29.2W	3000K	4930	169 lm/W
						3500K	4961	170 lm/W
						4000K	5233	179 lm/W
						5000K	5247	180 lm/W
KTAG-44L-1400-46-8xx-RJ /G2	22.04" L x 1.25" W	252	1400mA	51.9Vdc	64.4W	3000K	11919	185 lm/W
						3500K	12014	187 lm/W
						4000K	12664	197 lm/W
						5000K	12682	197 lm/W

Optional Accessories

CATALOG NUMBER	DESCRIPTION	
KTAG-11L-LENS	Diffused lens for 11.02" AlumaGroove modules	
KTAG-22L-LENS	Diffused lens for 22.04" AlumaGroove modules	
KTAG-33L-LENS	Diffused lens for 33.00" AlumaGroove modules	
KTAG-44L-LENS	Diffused lens for 44.09" AlumaGroove modules	



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Features & Benefits

- For use in Class 2 lighting systems
- Highly reflective white soldermask
- UL Recognized components
- Thermally conductive metal core PCB
- 4-step MacAdam color binning
- LM80 tested LEDs
- Beam angle: 120°
- Reported life expectancy: L70 > 36,000 hours at Tc < 85°C

RoHS Compliant 5 YEAR WARRANTY

Circular Series LED Modules

CATALOG NUMBER	DIAMETER	NO. OF LEDS	MAX. DRIVE CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTLM-600-C1-8xx-35B	4.09"	35	600mA	20.5Vdc	12.3W	2700K	1465	120 lm/W
						3000K	1523	124 lm/W
						4000K	1610	131 lm/W
						5000K	1631	133 lm/W

Future Fit Series LED Modules

FUTURE FIT

CATALOG NUMBER	DIAMETER	NO. OF LEDS	MAX. DRIVE CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTLM-960-C2-8xx-64B	7.88"	64	960mA	23.8Vdc	22.9W	2700K	2675	117 lm/W
						3000K	2781	122 lm/W
						4000K	2940	129 lm/W
						5000K	2978	130 lm/W
KTLM-960-C2-8xx-80B		80		29.6Vdc	28.4W	2700K	3349	118 lm/W
						3000K	3481	123 lm/W
						4000K	3680	130 lm/W
						5000K	3728	131 lm/W

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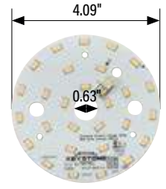

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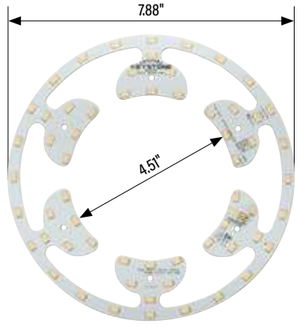


Square & Rectangular



Features & Benefits

- For use in Class 2 lighting systems
- Highly reflective white soldermask
- UL Recognized components
- Thermally conductive metal core PCB
- 4-step MacAdam color binning
- LM80 tested LEDs
- Beam angle: 120°
- Reported life expectancy: L70 > 36,000 hours at Tc < 85°C

RoHS Compliant

5 YEAR WARRANTY

Square & Rectangular

Square Series LED Modules

CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX. DRIVE CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTLM-360-SQ1-8xx-35B	1.85" L x 1.85" W	35	360mA	19.8Vdc	7.1W	2700K	946	133 lm/W
						3000K	984	138 lm/W
						4000K	1040	146 lm/W
						5000K	1054	148 lm/W

Rectangular Series LED Modules

CATALOG NUMBER	DIMENSIONS	NO. OF LEDS	MAX. DRIVE CURRENT	FORWARD VOLTAGE	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KTLM-1080-R1-8xx-18B	5.91" L x 0.91" W	18	1080mA	6.4Vdc	6.9W	2700K	755	110 lm/W
						3000K	785	114 lm/W
						4000K	830	120 lm/W
						5000K	841	122 lm/W
KTLM-1080-R1-8xx-36B		36		12.8Vdc	13.8W	2700K	1511	110 lm/W
						3000K	1570	114 lm/W
						4000K	1660	120 lm/W
						5000K	1682	122 lm/W

Circular Driver on Board



Features & Benefits

- AC LED light engines using driver-on-board technology offer a reliable and easy-to-install alternative to traditional devices
- Energy Star-rated and CEC JA8 T24-compliant on select models
- Suitable for use in fully enclosed fixtures
- Suitable with a wide variety of phase control dimmers while retaining low flicker performance
- Flat compact design with included 5VA cover allows for compatibility with a wide range of fixture applications
- Mounting accessories included

RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY

LED Retrofit Kits | **LIGHT ENGINE**

Circular Driver on Board

Circular AC Driver on Board

FUTURE FIT

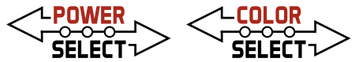
CATALOG NUMBER	DIAMETER	INPUT VOLTAGE	DIMMABLE	ADDITIONAL APPROVALS		CRI	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
				JA8 T24	ENERGY STAR					
KT-RKIT8AC-3C-8xx-FDIM	3.30"	120V	Phase Control	N/A	Yes	>80	8.0W	3000K	750	94 lm/W
								4000K	770	96 lm/W
								5000K	790	99 lm/W
KT-RKIT10AC-3C-9xx-FDIM		120V	Phase Control	Yes*	Yes	>90	10.0W	2700K	700	70 lm/W
								3000K	750	75 lm/W
								4000K	800	80 lm/W
								5000K	820	82 lm/W
KT-RKIT12AC-4C-8xx-FDIM	4.40"	120V	Phase Control	N/A	Yes	>80	12.0W	3000K	1100	92 lm/W
								4000K	1120	93 lm/W
								5000K	1150	96 lm/W
KT-RKIT17AC-4C-9xx-FDIM		120V	Phase Control	Yes*	Yes	>90	17.0W	2700K	1105	65 lm/W
								3000K	1150	68 lm/W
								4000K	1200	71 lm/W
								5000K	1245	73 lm/W
KT-RKIT16AC-5C-8xx-FDIM	5.82"	120V	Phase Control	N/A	Yes	>80	16.0W	3000K	1650	103 lm/W
								4000K	1670	104 lm/W
								5000K	1700	106 lm/W
KT-RKIT19AC-7C-8xx-FDIM	7.40"	120V	Phase Control	N/A	Yes	>80	19.0W	3000K	1970	104 lm/W
								4000K	2050	108 lm/W
								5000K	2100	111 lm/W
KT-RKIT25AC-7C-8xx-FDIM		120V	Phase Control	N/A	Yes	>80	25.0W	3000K	2450	98 lm/W
								4000K	2500	100 lm/W
								5000K	2520	101 lm/W
KT-RKIT28AC-7C-9xx-FDIM		120V	Phase Control	Yes*	Yes	>90	28.0W	2700K	2046	73 lm/W
								3000K	2160	77 lm/W
								4000K	2220	79 lm/W
								5000K	2280	81 lm/W

*2700K, 3000K, and 4000K only

Circular







Features & Benefits

- Compact, preassembled LED light engines offer great versatility
- Keystone Power Select and Color Select technology available
- Qualified on Energy Star CSD, listed on select models
- Various form factors to fit many different fixture types
- Select units powered by Keystone 0-10V or phase dimming driver
- Over 50% energy savings compared to traditional fluorescent bulbs

CLASSIFIED cULus RoHS Compliant 50,000 HOUR LIFETIME 10 YEAR WARRANTY

Circular

Power and Color Select

FUTURE FIT

CATALOG NUMBER	DIAMETER	INPUT VOLTAGE	DIMMABLE	ENERGY STAR	CRI	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY
KT-RKIT20PS-8CP-8CSC-VDIM	8.03"	120-277V	0-10V	Yes	>80	13.5W	3000K	2100	156 lm/W
							3500K	2125	157 lm/W
							4000K	2150	159 lm/W
							5000K	2200	163 lm/W
						17.0W	3000K	2650	156 lm/W
							3500K	2675	157 lm/W
							4000K	2700	159 lm/W
							5000K	2750	162 lm/W
						20.5W	3000K	3100	151 lm/W
							3500K	3125	152 lm/W
							4000K	3150	154 lm/W
							5000K	3200	156 lm/W
KT-RKIT28PS-13CP-8CSC-VDIM	12.59"	120-277V	0-10V	Yes	>80	21.0W	3000K	3100	148 lm/W
							3500K	3125	149 lm/W
							4000K	3150	150 lm/W
							5000K	3200	152 lm/W
						28.5W	3000K	4100	144 lm/W
							3500K	4125	145 lm/W
							4000K	4150	146 lm/W
							5000K	4200	147 lm/W

Dedicated

FUTURE FIT

CATALOG NUMBER	DIAMETER	INPUT VOLTAGE	DIMMABLE	ENERGY STAR	CRI	WATTAGE	AVAILABLE CCT	LUMENS	EFFICACY
KT-RKIT-CP-8-1600-8xx-FDIM /G2	8.03"	120V	Phase	Yes*	>80	15.6W	3000K	1700	109 lm/W
							3500K	1725	111 lm/W
							4000K	1750	112 lm/W
							5000K	1800	115 lm/W
KT-RKIT-CP-8-2200-8xx-FDIM /G2						19.3W	3000K	2110	109 lm/W
							3500K	2145	111 lm/W
							4000K	2180	113 lm/W
							5000K	2240	116 lm/W

*Only on Energy Star's Certified Subcomponent Database

TYPICAL INSTALLATION APPLICATION







Linear



Features & Benefits

- Designed to retrofit a wide variety of linear fixtures including troffers, vapor tights, wraps, strips, and wall sconces
- Keystone Power and Color Select technology
- High-performance, high-versatility linear LED light engines
- Includes (2) AlumaGroove LED modules, (2) module lenses, (1) Power & Color Select driver with 12V AUX tap and appropriate mounting hardware
- Modules are completely heat sinked
- Low-profile WAGO push connectors located on bottom of modules to eliminate dark spots on end-to-end connections
- Over 50% energy savings compared to traditional fluorescent lighting

Linear

Power and Color Select

FUTURE FIT

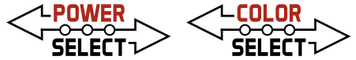
CATALOG NUMBER	DIMENSIONS	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	DIMMABLE	DLC	CRI
KT-RKIT18PS-D11L1-8CSA-VDIM	Driver (1) 12.00"L x 1.19"W x 1.05"H Module & Lens (2) 11.00"L x 1.28"W x 0.72"H	18W	3500K	2785	155 lm/W	120-277V	0-10V	Yes	>80
			4000K	2850	158 lm/W				
			5000K	2780	154 lm/W				
		14W	3500K	2235	160 lmW				
			4000K	2275	163 lm/W				
			5000K	2225	159 lm/W				
		10W	3500K	1540	154 lm/W				
			4000K	1550	155 lm/W				
			5000K	1530	153 lm/W				
KT-RKIT32PS-D22L1-8CSA-VDIM	Driver (1) 12.00"L x 1.19"W x 1.05"H Module & Lens (2) 22.00"L x 1.28"W x 0.72"H	32W	3500K	4950	155 lm/W	120-277V	0-10V	Yes	>80
			4000K	5015	157 lm/W				
			5000K	4900	153 lm/W				
		23W	3500K	3755	163 lm/W				
			4000K	3795	165 lm/W				
			5000K	3735	162 lm/W				
		17W	3500K	2840	167 lm/W				
			4000K	2850	168 lm/W				
			5000K	2820	166 lm/W				
KT-RKIT40PS-D44L1-8CSA-VDIM	Driver (1) 12.00"L x 1.19"W x 1.05"H Module & Lens (2) 44.00"L x 1.28"W x 0.72"H	40W	3500K	5950	149 lmW	120-277V	0-10V	Yes	>80
			4000K	6050	151 lm/W				
			5000K	6025	151 lm/W				
		30W	3500K	4710	157 lm/W				
			4000K	4775	159 lm/W				
			5000K	4750	158 lm/W				
		23W	3500K	3645	158 lm/W				
			4000K	3680	160 lmW				
			5000K	3675	160 lmW				

TYPICAL INSTALLATION APPLICATION



Rectangular





Features & Benefits

- Compact, preassembled LED light engines offer great versatility
- Keystone Power Select and Color Select technology
- Energy Star listed
- Various form factors to fit many different fixture types
- Select units powered by Keystone 0-10V dimming driver
- Over 50% energy savings compared to traditional fluorescent fixtures

CLASSIFIED cULus · RoHS Compliant · 50,000 HOUR LIFETIME · 10 YEAR WARRANTY

Rectangular

Power and Color Select

FUTURE FIT

CATALOG NUMBER	DIMENSIONS	INPUT VOLTAGE	DIMMABLE	ENERGY STAR	CRI	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY
KT-RKIT12PS-6RP-8CSC	6.58" L x 3.27" W	120-277V	N/A	Yes	>80	8.0W	3000K	1050	131 lm/W
							3500K	1075	134 lm/W
							4000K	1110	139 lm/W
							5000K	1150	144 lm/W
						12.0W	3000K	1550	129 lm/W
							3500K	1575	131 lm/W
							4000K	1600	133 lm/W
							5000K	1650	138 lm/W
KT-RKIT30PS-11RP-8CSC-VDIM	11.02" L x 5.51" W	120-277V	0-10V	Yes	>80	22.0W	3000K	3100	141 lm/W
							3500K	3125	142 lm/W
							4000K	3150	143 lm/W
							5000K	3200	145 lm/W
						29.5W	3000K	4100	139 lm/W
							3500K	4125	140 lm/W
							4000K	4150	141 lm/W
							5000K	4200	142 lm/W

TYPICAL INSTALLATION APPLICATION



CONTROLS

Scan QR to view catalog online,
including our latest updates.

Wireless Bluetooth Systems



Controller & Sensor
P 96-98



DMX Controller
P 100



Dimmer Switch / Keypad
P 102

Wired Controls



Sensor
P 104

Plug-and-Play Controls



Sensor
P 106

Controller & Sensor



Features & Benefits

- Available in multiple form factors to cover a broad range of applications
- Utilizes standard 0-10V dimming to ensure maximum compatibility across fixture types
- Reliable Bluetooth mesh technology used to build a strong and secure network of lights
- Easily group fixtures, build scenes, and set schedules for consistent, automated lighting behavior
- Scalable for any space and easy to expand
- Easy to set up via the SmartLoop app, available iOS devices

Controller & Sensor

Controller - Plug Load Receptacle

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-RC1-1-SG	120Vac, 60Hz	<1W	20.0A	2.4GHz	100ft	N/A	N/A	N/A	Bluetooth 5.0	

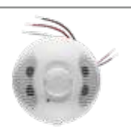
Controller - KO Mount

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-FC1-UV-KO	120–277Vac, 50-60Hz	<1W	3.0A	2.4GHz	100ft	N/A	N/A	N/A	Bluetooth 5.0	
KTSL-FC6-UV-KO	120–277Vac, 50-60Hz	<1W	20.0A	2.4GHz	100ft	N/A	N/A	N/A	Bluetooth 5.0	

Controller with Remote Sensor - KO Mount

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-FC1-UV-KO-PIR	120–277Vac, 50-60Hz	<1W	3.0A	2.4GHz	100ft	40' max	120°	100-1000 lux	Bluetooth 5.0	

Sensor - Ceiling Mount

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-CS1-UV-JM-DT	120–277Vac, 50-60Hz	<1W	6.0A	2.4GHz	100ft	15' max	120°	30-2500 lux	Bluetooth 5.0	

Sensor - KO Mount

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-HBFC1-UV-KO-PIR /G2	120–277Vac, 50-60Hz	<1W	6.0A	2.4GHz	100ft	40' max	120°	30-2500 lux	Bluetooth 5.0	

Sensor - Fixture Surface Mount

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-FC2-12V-SM-PIR	10-15Vdc	0.2W	Driver Dependent	2.4GHz	100ft	16' max	120°	100-1000 lux	Bluetooth 5.0	

Controller & Sensor

Sensor - Fixture Embedded

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	COLOR	
KTSL-FC5-12V-IM-PIR	10-15Vdc	0.2W	Driver Dependent	2.4GHz	100ft	16' max	120°	100-1000 lux	Bluetooth 5.0	White	
KTSL-FC5-12V-IM-PIR-B	10-15Vdc	0.2W	Driver Dependent	2.4GHz	100ft	16' max	120°	100-1000 lux	Bluetooth 5.0	Black	

Controller - Fixture Embedded

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	COLOR	
KTSL-FC5-12V-IM	10-15Vdc	0.2W	Driver Dependent	2.4GHz	100ft	N/A	N/A	N/A	Bluetooth 5.0	White	

Sensor - Fixture Screw-In

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-FC3-12V-PKO-PIR	10-15Vdc	0.2W	Driver Dependent	2.4GHz	100ft	40' max	120°	0-2000 lux	Bluetooth 5.0	

Controller - Fixture Screw-In

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-FC4-12V-PKO	10-15Vdc	0.2W	Driver Dependent	2.4GHz	100ft	N/A	N/A	N/A	Bluetooth 5.0	

Commissioning Tool - PulseLINK Flashlight

CATALOG NUMBER	INPUT POWER	CHARGING TYPE	MAX BEAM DISTANCE	ADJUSTABLE BEAM FOCUS	
KTSL-COMMISSION-1-FL	1 x 26650 rechargeable battery, 3.7V	USB-C	50ft	Yes	

Powerful products. Strong customer service. Unwavering commitment.

You can count on Keystone. Always.

[A Reputation For Excellence]

DMX Controller



Features & Benefits

- Optimized for use with Keystone DMX-controllable RGBW fixture solutions; may be used on other manufactured fixtures if compatible
- Controlled via Keystone SmartLoop platform; DMX512 output through proprietary waterproof connector
- Can control multiple fixtures up to rated max fixture loading of 6 Amps
- Programmable scenes and sequences
- Slim housing designed for easy outdoor mounting
- Suitable for indoor or outdoor use
- Compatible with any lighting device using DMX512 communication protocol with 4-channel design (connector adapter may be required)
- Commissioned via SmartLoop mobile app for iPhone; controlled via SmartLoop mobile app, keyboard, and sensors
- Utilizes Bluetooth mesh technology for reliable and secure wireless communication

DMX Controller

Controller - Plug-and-Play

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-DMXC1-1-WC	120Vac, 50-60Hz	0.5W	6.0A	2.4GHz	100ft	N/A	N/A	N/A	Bluetooth 5.0	

Controller - Wired

CATALOG NUMBER	INPUT POWER	STANDBY POWER	MAX LOAD CURRENT	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	MAX SENSOR DETECTION HEIGHT	SENSOR DETECTION ANGLE	DAYLIGHT HARVESTING RANGE	WIRELESS PROTOCOL	
KTSL-DMXC1-UV-WC0	120–277Vac, 50-60Hz	0.5W	6.0A	2.4GHz	100ft	N/A	N/A	N/A	Bluetooth 5.0	

Dimmer Switch / Keypad



Features & Benefits

- 5 buttons allow for dimming, toggling power, automatic sensor/preset level operation, and scene activation
- Utilizes Bluetooth mesh technology for reliable and secure wireless communication
- Indicator LED communicates device status
- Easily commissioned to control groups or individual luminaires
- Designed for installation in standard wallboxes
- Available in both battery and line voltage options
- Commissioned via SmartLoop mobile app for iPhone

RoHS Compliant

Wireless Bluetooth Systems

Dimmer Switch / Keypad

Dimmer Switches / Keypads

SMART LOOP

CATALOG NUMBER	INPUT POWER	BATTERY LIFETIME	RF TRANSMIT POWER	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	WIRELESS PROTOCOL
KTSL-WS1-B-SG /G3	1x CR2032 coin cell battery	10 Years	8dBm	2.4GHz	100ft	Bluetooth 5.0
KTSL-WS1-UV-SG	120–277Vac, 50-60Hz	N/A	8dBm	2.4GHz	100ft	Bluetooth 5.0

Accessories

SMART LOOP

CATALOG NUMBER	INPUT POWER	BATTERY LIFETIME	RF TRANSMIT POWER	WIRELESS FREQUENCY	WIRELESS RANGE (OPEN AIR)	WIRELESS PROTOCOL
KTSL-TK1-USB	5V USB, internal CR1220 battery backup for retaining time	10 Years	8dBm	2.4GHz	100ft	Bluetooth 4.2
A module that plugs into any powered USB port to maintain and restore SmartLoop schedules to devices in case of a power outage						

Sensor





Features & Benefits

- Various form factors designed for a wide range of applications
- Microwave and PIR technologies available on select models
- Sensors that are powered by 12Vdc include low-voltage transformer
- IP65 rating on select models
- Various adjustable settings including adjustable time delay and standby periods, standby dim level, and photocell sensitivity

RoHS Compliant FC

Sensor

PIR Sensors

CATALOG NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	DETECTION ANGLE	MOUNTING HEIGHT	MAX LOAD	ADJUSTABLE SETTINGS			
						DAYLIGHT THRESHOLD	HOLD TIME	STANDBY TIME	STANDBY DIMMING LEVEL
KTS-PIR2-UV-KO	120/277/347Vac	0-10V	360°	20-40 ft	800VA @ 120V 1200VA @ 277V 1500VA @ 347V	1 lux to ∞	30 sec to 30 min	30 sec to 30 min	10% 30% 50% 60%

Microwave Sensors

CATALOG NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	STANDBY POWER	MOUNTING HEIGHT	DETECTION ANGLE	ADJUSTABLE SETTINGS					
						BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT THRESHOLD	STANDBY TIME	STANDBY DIMMING LEVEL
KTS-MW3-UV-KO-K1	12Vdc	0-10V	<0.5W	<49ft	150°	100%	75%	10 min	Disabled	∞	50%
KTS-MW3-UV-KO-K2	12Vdc	0-10V	<0.5W	<49ft	150°	100%	75%	10 min	Disabled	∞	50%

Accessories

CATALOG NUMBER	DESCRIPTION	ADJUSTABLE SETTINGS					
		BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT THRESHOLD	STANDBY TIME	STANDBY DIMMING LEVEL
KTS-MW3-REMOTECONTROL	Remote control for KTS-xx3-12V sensors, used to set or adjust all sensor performance parameters	70% 80% 90% 100%	20% 50% 75% 100%	10 sec 1 min 10 min 30 min	10 lux 30 lux 50 lux 100 lux Disable	1 min 30 min 60 min ∞	10% 20% 30% 50%

Sensor



Features & Benefits

- Compact and versatile for enhanced controllability of lighting system
- Screw-in connections, no need to run additional dimming wires
- Partial discharge (PD) dual technology differentiates artificial light brightness from natural light and automatically turns off light when ambient brightness exceeds preset lux level
- Various adjustable settings include brightness, sensitivity, hold time, daylight, standby time, and standby dim level
- Microwave and PIR technologies available on select models
- Compatible with Keystone fixtures with SmartPort technology
- Settings adjustable via available remote control

RoHS Compliant FC

Sensor

Microwave Sensors

CATALOG NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	STANDBY POWER	MOUNTING HEIGHT	MAX DETECTION ANGLE	PRESET SETTINGS*					
						BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT THRESHOLD	STANDBY TIME	STANDBY DIMMING LEVEL
KTS-MW3-12V-PKO	12V	0-10V	<0.5W	<49ft	150°	100%	75%	10 min	Disabled	∞	50%

PIR Sensors

CATALOG NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	STANDBY POWER	MOUNTING HEIGHT	DETECTION ANGLE	PRESET SETTINGS*					
						BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT THRESHOLD	STANDBY TIME	STANDBY DIMMING LEVEL
KTS-PIR3-12V-PKO /G2	12V	0-10V	<0.5W	<40ft	360°	100%	N/A	10 min	Disabled	∞	50%
KTS-PIR3-12V-PKO /G2/PS1	12V	0-10V	<0.5W	<40ft	360°	100%	N/A	10 min	Disabled	1 min	50%
KTS-PIR4-12V-PKO	12V	0-10V	<0.5W	<50ft	360°	100%	N/A	10 min	Disabled	1 min	50%

*Sensor comes preset with these settings. All settings are adjustable using the KTS-MW3-REMOTECONTROL found in chart below.

Accessories

CATALOG NUMBER	ADJUSTABLE SETTINGS					
	BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT THRESHOLD	STANDBY TIME	STANDBY DIMMING LEVEL
KTS-MW3-REMOTECONTROL	70% 80% 90% 100%	20% 50% 75% 100%	10 sec 1 min 10 min 30 min	10 lux 30 lux 50 lux 100 lux Disable	1 min 30 min 60 min ∞	10% 20% 30% 50%
Remote control for KTS-xx3-12V sensors, used to set or adjust all sensor performance parameters						

LAMPS

Scan QR to view catalog online,
including our latest updates.

LAMPS

LED Tubes

Type A
Ballast Compatible



T5 & T8
P 114

Type B
Line Voltage



T5 & T8
P 116-121



T8 Emergency Backup
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T8 Dimmable
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Sign Tube Direct Wire
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Sign Tube
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Accessories
P 134

Type A&B
Dual Mode



T8
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Type C
External Driver



T5 & T8 Dimmable
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LED HID Replacement Lamps

Omni-Directional



High Output Corn Cob
P 146-149



Corn Cob
P 150-154

Commercial Grade



A-Shape - Dimmable
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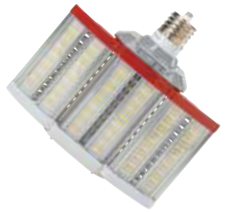
PAR
P 158

Directional



Horizontal
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Multi-Directional
P 164



Vertical
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Accessories



Accessories
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General Purpose LED Bulbs

A-Shape



A-Shape
P 170-172

BR



BR
P 174-176

PAR



PAR
P 178-181

Spotlight



Spotlight
P 182

Decorative



A-Shape Filament
P 184



Chandelier Filament
P 186



Edison Shape Filament
P 188



Globe Filament
P 190

Compact Pin Base Lamps

Type A
Ballast Compatible



Directional
P 192

Type B
Line Voltage



Directional
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Omni-Directional
P 198

Fluorescent Lamps

Linear



T5, T8, T12, Circline
P 200

Ultraviolet Germicidal Lamps

Linear & Compact



Linear & Compact
P 202



Type A - Ballast Compatible

Features & Benefits

- Plug-and-play application: compatible with most instant start and program start electronic T8 ballasts
- Dimmable with dimming ballasts
- Frosted lens eliminates pixelation
- Instant startup
- Suitable for dry and damp locations

UL LISTED · DLC LISTED · RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY · NSF

T5

SMARTDRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED13T5HE-48GC-8xx-S	4ft	G5	13W	18W	1790	138 lm/W	Glass Coated	240°	Yes	4000K or 5000K
KT-LED25.5T5HO-48GC-8xx-S	4ft	G5	25.5W	28.5W	3300	129 lm/W	Glass Coated	240°	Yes	3000K, 4000K, 5000K, or 6500K
KT-LED13T5HE-48GC-8xx-S /G2	4ft	G5	12.5W	14.5W	1800	144 lm/W	Glass Coated	160°	Yes	3500K, 4000K, or 5000K
KT-LED25.5T5HO-48GC-8xx-S /G2	4ft	G5	25W	28W	3500	140 lm/W	Glass Coated	160°	Yes	3000K, 3500K, 4000K, or 5000K

T8

SMARTDRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE	LUMENS	NOMINAL BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED8T8-24GC-8xx-S /G3	2ft	G13	8W	10W	1250	156 lm/W	Glass Coated	180°	Yes	3000K, 3500K, 4000K, or 5000K
KT-LED10T8-36GC-8xx-S /G3	3ft	G13	10W	11.5W	1450	145 lm/W	Glass Coated	180°	Yes	3000K, 3500K, 4000K, or 5000K
KT-LED9.5T8-48G-8xx-S /G3	4ft	G13	9.5W	11W	1750	184 lm/W	Glass	210°	Yes	3000K, 3500K, 4000K, or 5000K
KT-LED11T8-48G-8xx-S /G3	4ft	G13	11W	13W	1800	164 lm/W	Glass	210°	Yes	3000K, 3500K, 4000K, or 5000K
KT-LED11T8-48GC-8xx-S /G3	4ft	G13	11W	13W	1800	164 lm/W	Glass Coated	210°	Yes	3000K, 3500K, 4000K, or 5000K
KT-LED13.5T8-48GC-8xx-S /G3	4ft	G13	14W	16W	2200	157 lm/W	Glass Coated	210°	Yes	3000K, 3500K, 4000K, or 5000K

T8 U-Bend

SMARTDRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE	LUMENS	NOMINAL BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED15T8-U6GC-8xx-S	6 inch U-bend	G13	15W	17.5W	2200	147 lm/W	Glass Coated	220°	Yes	3500K, 4000K, or 5000K



Ballast Bypass

POWER SELECT | COLOR SELECT

Features & Benefits

- Replacement for conventional T5HE, T5HO, T8, T8HO fluorescent lamps
- Isolated integral driver eliminates the need for external driver or ballast
- Multiple wiring configurations
- Available with Color Select technology; switch between 5 color temperatures
- Environmentally friendly: no mercury used
- Operating temperature: -20°C/-4°F to 45°C/113°F
- Low flicker options
- All lamps listed as DLC compliant have dimming capabilities; please contact Keystone sales rep for more details

CLASSIFIED UL | Intertek | DLC LISTED | RoHS Compliant | 50,000 HOUR LIFETIME | 5 YEAR WARRANTY | c UL us | NSF | BYPASS THE BALLAST | Low Optical Flicker Less Than 2% Up to 400 Hz

T5HE | Single- and Double-Ended | Dedicated

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED9T5HE-24GC-8xx-DX2 /G2	2ft	G5	9W	1200	133 lm/W	Glass Coated	170°	N/A	>80	3500K, 4000K, or 5000K
KT-LED12T5HE-36GC-8xx-DX2 /G2	3ft	G5	12W	1600	133 lm/W	Glass Coated	170°	N/A	>80	3500K, 4000K, or 5000K
KT-LED13T5HE-48GC-840-DX2	4ft	G5	13W	1700	131 lm/W	Glass Coated	140°	Yes	>80	4000K
KT-LED13T5HE-48GC-8xx-DX2 /G2	4ft	G5	13W	1800	139 lm/W	Glass Coated	170°	Yes	>80	3500K, 4000K, or 5000K

T5HE | Single- and Double-Ended | Color Select

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI
KT-LED12.5T5HE-48GC-8CSJ-DX2	4ft	G5	12.5W	3000K	1700	136 lm/W	Glass Coated	140°	Yes	>80
				3500K	1700	136 lm/W				
				4000K	1800	144 lm/W				
				5000K	1800	144 lm/W				
				6500K	1800	144 lm/W				

T5HO | Single- and Double-Ended | Dedicated

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED12T5HO-24GC-8xx-DX2 /G2	2ft	G5	12W	1600	133 lm/W	Glass Coated	170°	N/A	>80	3500K, 4000K, or 5000K
KT-LED16T5HO-36GC-8xx-DX2 /G2	3ft	G5	16W	2100	132 lm/W	Glass Coated	170°	N/A	>80	3500K, 4000K, or 5000K
KT-LED25T5HO-48GC-8xx-DX2 /G2	4ft	G5	25W	3500	140 lm/W	Glass Coated	170°	Yes	>80	3500K, 4000K, 5000K, or 6500K

T5HO | Single- and Double-Ended | Color Select

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI
KT-LED25T5HO-48GC-8CSJ-DX2	4ft	G5	25W	3000K	3300	132 lm/W	Glass Coated	140°	Yes	>80
				3500K	3300	132 lm/W				
				4000K	3500	140 lm/W				
				5000K	3500	140 lm/W				
				6500K	3500	140 lm/W				

Continued on next page

T8 | Single- and Double-Ended | Color Select

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI
KT-LED7T8-24G-8CSJ-DX2	2ft	G13	7W	3000K	950	135 lm/W	Glass	240°	Yes	>80
				3500K	975	139 lm/W				
				4000K	1000	142 lm/W				
				5000K	1000	142 lm/W				
				6500K	975	139 lm/W				
KT-LED11T8-36G-8CSJ-DX2	3ft	G13	11W	3000K	1450	132 lm/W	Glass	240°	Yes	>80
				3500K	1475	134 lm/W				
				4000K	1500	136 lm/W				
				5000K	1500	136 lm/W				
				6500K	1475	134 lm/W				
KT-LED10.5T8-48G-8CSJ-DX2	4ft	G13	10.5W	3000K	1575	150 lm/W	Glass	240°	Yes	>80
				3500K	1600	152 lm/W				
				4000K	1650	157 lm/W				
				5000K	1650	157 lm/W				
				6500K	1600	152 lm/W				
KT-LED10.5T8-48GC-8CSJ-DX2	4ft	G13	10.5W	3000K	1575	150 lm/W	Glass Coated	240°	Yes	>80
				3500K	1600	152 lm/W				
				4000K	1650	157 lm/W				
				5000K	1650	157 lm/W				
				6500K	1600	152 lm/W				
KT-LED12T8-48G-8CSJ-DX2	4ft	G13	12W	3000K	1700	140 lm/W	Glass	240°	Yes	>80
				3500K	1750	145 lm/W				
				4000K	1800	150 lm/W				
				5000K	1800	150 lm/W				
				6500K	1750	145 lm/W				
KT-LED14.5T8-48G-8CSJ-DX2	4ft	G13	14.5W	3000K	1725	120 lm/W	Glass	240°	Yes	>80
				3500K	1850	127 lm/W				
				4000K	1850	127 lm/W				
				5000K	1850	127 lm/W				
				6500K	1800	124 lm/W				
KT-LED14.5T8-48GC-8CSJ-DX2	4ft	G13	14.5W	3000K	1725	120 lm/W	Glass Coated	240°	Yes	>80
				3500K	1850	127 lm/W				
				4000K	1850	127 lm/W				
				5000K	1850	127 lm/W				
				6500K	1800	124 lm/W				
KT-LED15T8-48G-8CSJ-DX2	4ft	G13	15W	3000K	2050	136 lm/W	Glass	240°	Yes	>80
				3500K	2135	142 lm/W				
				4000K	2200	146 lm/W				
				5000K	2200	146 lm/W				
				6500K	2125	142 lm/W				
KT-LED15T8-48GC-8CSJ-DX2	4ft	G13	15W	3000K	2050	136 lm/W	Glass Coated	240°	Yes	>80
				3500K	2135	142 lm/W				
				4000K	2200	146 lm/W				
				5000K	2200	146 lm/W				
				6500K	2125	142 lm/W				

Preset to 4000K CCT; Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

T8 | Single- and Double-Ended | Dedicated

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED7T8-18GC-840-DX2	18in	G13	7W	750	107 lm/W	Glass Coated	240°	N/A	>80	4000K
KT-LED7T8-24GC-8xx-DX2 /G2	2ft	G13	7W	1000	143 lm/W	Glass Coated	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED12T8-36GC-8xx-DX2 /G2	3ft	G13	12W	1650	138 lm/W	Glass Coated	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED8T8-48G-8xx-DX2	4ft	G13	8.5W	1650	194 lm/W	Glass	210°	Yes	>80	3500K, 4000K, or 5000K
KT-LED9T8-48G-8xx-DX2	4ft	G13	9W	1650	183 lm/W	Glass	240°	Yes	>80	3500K or 5000K
KT-LED10.5T8-48G-8xx-DX2 /G2	4ft	G13	10.5W	1720	164 lm/W	Glass	240°	Yes	>80	2700K, 3000K, 3500K, 4000K, or 5000K
KT-LED14.5T8-48G-8xx-DX2 /G2	4ft	G13	14.5W	2000	138 lm/W	Glass	240°	Yes	>80	3000K, 3500K, 4000K, 5000K, or 6500K
KT-LED15T8-48GC-8xx-DX2 /G2	4ft	G13	15W	2000	133 lm/W	Glass Coated	210°	Yes	>80	3000K, 3500K, 4000K, 5000K, or 6500K
KT-LED18.5T8-48GC-8xx-DX2 /G2	4ft	G13	18.5W	2600	141 lm/W	Glass Coated	240°	Yes	>80	3500K, 4000K, 5000K, or 6500K
KT-LED25T8-48G-8xx-DX2	4ft	G13	25W	3000	120 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K

T8 | Made in the USA | Single- and Double-Ended | Dedicated

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED9T8-24G-835-DX2 /USA	2ft	G13	9W	1100	122 lm/W	Glass	240°	Yes	>80	3500K
KT-LED12T8-36G-835-DX2 /USA	3ft	G13	12W	1720	119 lm/W	Glass	240°	Yes	>80	3500K
KT-LED18.5T8-48G-850-DX2 /USA	4ft	G13	18.5W	2600	141 lm/W	Glass	240°	Yes	>80	5000K

T8 | Single- and Double-Ended | Dedicated

HCRI 90 CRI

DIRECTDRIVE DX2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED15T8-48GC-950-DX2	4ft	G13	15W	1900	127 lm/W	Glass Coated	160°	Yes	>90	5000K

T8 | Double-Ended | Dedicated

DIRECTDRIVE D2

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED10.5T8-48G-8xx-D2 /G2	4ft	G13	10.5W	1650	157 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED14.5T8-48G-8xx-D2 /G2	4ft	G13	14.5W	1800	124 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED15T8-48G-8xx-D2 /G2	4ft	G13	15W	2200	147 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED18T8HO-48G-8xx-D2	4ft	R17D	18W	2500	139 lm/W	Glass	240°	N/A	>80	4000K or 5000K
KT-LED25T8-96G-8xx-D2	8ft	FA8	25W	3500	145 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED36T8-96P-8xx-D	8ft	FA8	36W	4000	111 lm/W	Plastic	180°	N/A	>80	3500K, 4000K, or 5000K
KT-LED40T8-96G-8xx-D2	8ft	FA8	40W	5500	138 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED40T8-96GC-8xx-D2	8ft	FA8	40W	5500	138 lm/W	Glass Coated	210°	Yes	>80	4000K or 5000K
KT-LED40T8HO-96G-8xx-D2	8ft	R17D	40W	5500	138 lm/W	Glass	240°	N/A	>80	4000K, 5000K, or 6500K
KT-LED40T8HO-96GC-8xx-D2	8ft	R17D	40W	5500	138 lm/W	Glass Coated	210°	N/A	>80	4000K, 5000K, or 6500K
KT-LED54T8-96P-8xx-D /G2	8ft	R17D	54W	5900	110 lm/W	Plastic	180°	N/A	>80	4000K, 5000K, or 6500K

Continued on next page

T5 & T8

T8 | Single-Ended | Dedicated

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED7T8-18GC-8xx-D	18in	G13	7W	800	114 lm/W	Glass Coated	240°	N/A	>80	3000K, 4000K, 5000K, or 6500K
KT-LED7T8-24GC-8xx-D	2ft	G13	7W	950	136 lm/W	Glass Coated	240°	Yes	>80	3000K, 3500K, 4000K, 5000K, or 6500K
KT-LED12T8-36GC-8xx-D	3ft	G13	12W	1550	129 lm/W	Glass Coated	240°	Yes	>80	3000K, 3500K, 4000K, 5000K, or 6500K
KT-LED9T8-48G-8xx-D	4ft	G13	9W	1650	183 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED10.5T8-48G-8xx-D	4ft	G13	10.5W	1750	162 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED10.5T8-48GC-8xx-D	4ft	G13	10.5W	1750	162 lm/W	Glass Coated	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED12.5T8-48G-8xx-D	4ft	G13	12.5W	1850	139 lm/W	Glass	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED12.5T8-48GC-8xx-D	4ft	G13	12.5W	1850	139 lm/W	Glass Coated	240°	Yes	>80	3000K, 3500K, 4000K, or 5000K
KT-LED15T8-48GC-8xx-D /G3	4ft	G13	15W	1930	127 lm/W	Glass Coated	240°	Yes	>80	3000K, 3500K, 4000K, 5000K, or 6500K
KT-LED18.5T8-48GC-8xx-D /G2	4ft	G13	18.5W	2600	141 lm/W	Glass Coated	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED24T8-60GC-8xx-D	5ft	G13	24W	2500	104 lm/W	Glass Coated	240°	N/A	>80	4000K or 5000K
KT-LED32T8-72GC-8xx-D	6ft	G13	32W	3400	106 lm/W	Glass Coated	240°	N/A	>80	4000K or 5000K

T8 | Single-Ended | Dedicated

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED15T8-48GC-9xx-D	4ft	G13	15W	1675	112 lm/W	Glass Coated	220°	Yes	>90	4000K or 5000K

T8 U-Bend | Single-Ended | Dedicated

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED18T8-U6GC-8xx-D	6 in U-bend	G13	18W	2200	122 lm/W	Glass Coated	220°	Yes	>80	3500K, 4000K, or 5000K
KT-LED15T8-U1G-8xx-D	1 5/8 in U-bend	G13	15W	1800	120 lm/W	Glass	240°	Yes	>80	4000K or 5000K

T8 | Black Light | Single-Ended

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED12T8-48G-BL-D	4ft	G13	12W	N/A	N/A	Glass	240°	N/A	N/A	Black Light (365nm)



T5 & T8

T8 | Double-Ended | Power and Color Select

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI
KT-LED40PST8-D48G-8CSJ-D2	8ft	FA8 / R17D	40W	3000K	5200	130 lm/W	Glass	210°	Yes	>80
				3500K	5200	130 lm/W				
				4000K	5500	138 lm/W				
				5000K	5500	138 lm/W				
				6500K	5500	138 lm/W				
			32W	3000K	4200	131 lm/W				
				3500K	4200	131 lm/W				
				4000K	4400	138 lm/W				
				5000K	4400	138 lm/W				
				6500K	4400	138 lm/W				
			24W	3000K	3300	138 lm/W				
				3500K	3300	138 lm/W				
				4000K	3500	146 lm/W				
				5000K	3500	146 lm/W				
				6500K	3500	146 lm/W				
KT-LED40PST8-D48GC-8CSJ-D2	8ft	FA8 / R17D	40W	3000K	5200	130 lm/W	Glass Coated	210°	Yes	>80
				3500K	5200	130 lm/W				
				4000K	5500	138 lm/W				
				5000K	5500	138 lm/W				
				6500K	5500	138 lm/W				
			32W	3000K	4200	131 lm/W				
				3500K	4200	131 lm/W				
				4000K	4400	138 lm/W				
				5000K	4400	138 lm/W				
				6500K	4400	138 lm/W				
			24W	3000K	3300	138 lm/W				
				3500K	3300	138 lm/W				
				4000K	3500	146 lm/W				
				5000K	3500	146 lm/W				
				6500K	3500	146 lm/W				
KT-LED40PST8-96G-8CSJ-D2	8ft	FA8 / R17D	40W	3000K	5200	130 lm/W	Glass	210°	Yes	>80
				3500K	5200	130 lm/W				
				4000K	5500	138 lm/W				
				5000K	5500	138 lm/W				
				6500K	5500	138 lm/W				
			32W	3000K	4200	131 lm/W				
				3500K	4200	131 lm/W				
				4000K	4400	138 lm/W				
				5000K	4400	138 lm/W				
				6500K	4400	138 lm/W				
			24W	3000K	3300	138 lm/W				
				3500K	3300	138 lm/W				
				4000K	3500	146 lm/W				
				5000K	3500	146 lm/W				
				6500K	3500	146 lm/W				
KT-LED40PST8-96GC-8CSJ-D2	8ft	FA8 / R17D	40W	3000K	5200	130 lm/W	Glass Coated	210°	Yes	>80
				3500K	5200	130 lm/W				
				4000K	5500	138 lm/W				
				5000K	5500	138 lm/W				
				6500K	5500	138 lm/W				
			32W	3000K	4200	131 lm/W				
				3500K	4200	131 lm/W				
				4000K	4400	138 lm/W				
				5000K	4400	138 lm/W				
				6500K	4400	138 lm/W				
			24W	3000K	3300	138 lm/W				
				3500K	3300	138 lm/W				
				4000K	3500	146 lm/W				
				5000K	3500	146 lm/W				
				6500K	3500	146 lm/W				

T8 Emergency Backup



Ballast Bypass

COLOR SELECT

Features & Benefits

- Designed to provide an emergency solution for T8 linear fixtures
- Fully code compliant, including UL 924, UL 1598C, and CEC Title 20
- 2000 lumens in standard operation mode
- 500 lumens in emergency mode for 90+ minutes
- 5 CCT options (3000/3500/4000/5000/6500K)
- Requires permanent installation to meet UL 924
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 50,000+ hour lifetime

RoHS Compliant

5 YEAR WARRANTY

LED Tubes | **TYPE B - LINE VOLTAGE**

T8 Emergency Backup

T8 EMRG | Single-Ended | Color Select

DIRECTDRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	COLOR TEMP	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI
KT-LED14.5T8EM-48GC-8CSJ-D	4ft	G13	14.5W	3000K	1900	131 lm/W	Glass Coated	170°	No	>80
				3500K	1900	131 lm/W				
				4000K	2000	138 lm/W				
				5000K	2000	138 lm/W				
				6500K	2000	138 lm/W				

T8 Dimmable



Ballast Bypass

Features & Benefits

- Replacement for conventional fluorescent lamps
- Isolated integral driver eliminates the need for external driver or ballast
- Dimmable; low optical flicker
- Frosted lens eliminates pixelation
- Environmentally friendly: no mercury used

DIMMABLE BYPASS THE BALLAST

LED Tubes | **TYPE B - LINE VOLTAGE**

T8 Dimmable

T8 Line Voltage | 0-10V Dimming | Single-Ended

DIRECTDRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED7T8-24GC-8xx-D-VDIM	2ft	G13	7W	1000	143 lm/W	Glass Coated	220°	Yes	>80	3500K, 4000K, or 5000K
KT-LED12T8-36GC-8xx-D-VDIM	3ft	G13	12W	1550	129 lm/W	Glass Coated	220°	Yes	>80	3500K, 4000K, or 5000K
KT-LED10.5T8-48GC-8xx-D-VDIM	4ft	G13	10.5W	1700	162 lm/W	Glass Coated	220°	Yes	>80	3500K, 4000K, or 5000K
KT-LED15T8-48GC-8xx-D-VDIM	4ft	G13	15W	2200	147 lm/W	Glass Coated	220°	Yes	>80	3500K, 4000K, or 5000K

T8 Line Voltage | Phase Dimming | Single-Ended

DIRECTDRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	CRI	AVAILABLE CCT
KT-LED14.5T8-48GC-8xx-D-FDIM	4ft	G13	14.5W	1900	131 lm/W	Glass Coated	240°	Yes	>80	3500K, 4000K, or 5000K
KT-LED14.5T8-48GC-9xx-D-FDIM	4ft	G13	14.5W	1650	113 lm/W	Glass Coated	240°	N/A	>90	5000K

Sign Tube Direct Wire



POWER SELECT

COLOR SELECT

Ballast Bypass

Features & Benefits

- Direct wire installation; no sockets required
- Power and Color Select technology
- Connect up to 150 feet of lamps on a single feed
- Internal power supply with waterproof connectors
- Integrated optical lensing for even face illumination
- Rotatable end caps for precise aiming
- 360° effective beam distribution
- Listed in the UL SAM Manual
- 120-277V input
- Operating temperature: -30°C/-22°F to 55°C/131°F

CLASSIFIED UL | RoHS Compliant | 50,000 HOUR LIFETIME | 5 YEAR WARRANTY | c UL us | SAM

Sign Tube Direct Wire

T8 | 360° Sign Tube | Single-Ended | Power and Color Select SIGN HERO

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	NOMINAL LENGTH	LIGHT SPREAD	INPUT CURRENT	CRI	SOCKET TYPE
KT-LED10PST8-18P2SO-8CSK-DW	10W	4000K	973 lm/W	104 lm/W	18"	360°	75mA	> 80	R17d
		5000K	1035 lm/W	104 lm/W			75mA		
		6500K	1035 lm/W	104 lm/W			75mA		
	8W	4000K	846 lm/W	113 lm/W			65mA		
		5000K	900 lm/W	113 lm/W			65mA		
		6500K	900 lm/W	113 lm/W			65mA		
	5W	4000K	583 lm/W	103 lm/W			43mA		
		5000K	620 lm/W	103 lm/W			43mA		
		6500K	620 lm/W	103 lm/W			43mA		
KT-LED12PST8-24P2SO-8CSK-DW	12W	4000K	1297 lm/W	115 lm/W	24"	360°	93mA	> 80	R17d
		5000K	1380 lm/W	115 lm/W			93mA		
		6500K	1380 lm/W	115 lm/W			93mA		
	10W	4000K	1128 lm/W	120 lm/W			80mA		
		5000K	1200 lm/W	120 lm/W			80mA		
		6500K	1200 lm/W	120 lm/W			80mA		
	6W	4000K	752 lm/W	114 lm/W			53mA		
		5000K	800 lm/W	114 lm/W			53mA		
		6500K	800 lm/W	114 lm/W			53mA		
KT-LED15PST8-30P2SO-8CSK-DW	15W	4000K	1730 lm/W	123 lm/W	30"	360°	130mA	> 80	R17d
		5000K	1840 lm/W	123 lm/W			130mA		
		6500K	1840 lm/W	123 lm/W			130mA		
	13W	4000K	1504 lm/W	123 lm/W			111mA		
		5000K	1600 lm/W	123 lm/W			111mA		
		6500K	1600 lm/W	123 lm/W			111mA		
	7W	4000K	921 lm/W	123 lm/W			75mA		
		5000K	980 lm/W	123 lm/W			75mA		
		6500K	980 lm/W	123 lm/W			75mA		
KT-LED18PST8-36P2SO-8CSK-DW	18W	4000K	2162 lm/W	128 lm/W	36"	360°	158mA	> 80	R17d
		5000K	2300 lm/W	128 lm/W			158mA		
		6500K	2300 lm/W	128 lm/W			158mA		
	16W	4000K	1880 lm/W	125 lm/W			135mA		
		5000K	2000 lm/W	125 lm/W			135mA		
		6500K	2000 lm/W	125 lm/W			135mA		
	9W	4000K	1199 lm/W	128 lm/W			128mA		
		5000K	1275 lm/W	128 lm/W			128mA		
		6500K	1275 lm/W	128 lm/W			128mA		
KT-LED21PST8-42P2SO-8CSK-DW	21W	4000K	2435 lm/W	123 lm/W	42"	360°	176mA	> 80	R17d
		5000K	2590 lm/W	123 lm/W			176mA		
		6500K	2590 lm/W	123 lm/W			176mA		
	18W	4000K	2115 lm/W	125 lm/W			150mA		
		5000K	2250 lm/W	125 lm/W			150mA		
		6500K	2250 lm/W	125 lm/W			150mA		
	10W	4000K	1391 lm/W	123 lm/W			100mA		
		5000K	1480 lm/W	123 lm/W			100mA		
		6500K	1480 lm/W	123 lm/W			100mA		
KT-LED23PST8-48P2SO-8CSK-DW	23W	4000K	2811 lm/W	130 lm/W	48"	360°	204mA	> 80	R17d
		5000K	2990 lm/W	130 lm/W			204mA		
		6500K	2992 lm/W	130 lm/W			204mA		
	21W	4000K	2444 lm/W	124 lm/W			175mA		
		5000K	2600 lm/W	124 lm/W			175mA		
		6500K	2600 lm/W	124 lm/W			175mA		
	12W	4000K	1589 lm/W	130 lm/W			116mA		
		5000K	1690 lm/W	130 lm/W			116mA		
		6500K	1690 lm/W	130 lm/W			116mA		

Chart continues on next page

Sign Tube Direct Wire

Chart continued from previous page

T8 | 360° Sign Tube | Single-Ended | Power and Color Select

SIGN HERO

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	NOMINAL LENGTH	LIGHT SPREAD	INPUT CURRENT	CRI	SOCKET TYPE
KT-LED29PST8-60P2SO-8CSK-DW	29W	4000K	3516 lm/W	129 lm/W	60"	360°	250mA	> 80	R17d
		5000K	3740 lm/W	129 lm/W			250mA		
		6500K	3740 lm/W	129 lm/W			250mA		
	26W	4000K	3055 lm/W	125 lm/W			213mA		
		5000K	3250 lm/W	125 lm/W			213mA		
		6500K	3250 lm/W	125 lm/W			213mA		
	14W	4000K	1936 lm/W	129 lm/W			143mA		
		5000K	2060 lm/W	129 lm/W			143mA		
		6500K	2060 lm/W	129 lm/W			143mA		
KT-LED32PST8-64P2SO-8CSK-DW	32W	4000K	3732 lm/W	124 lm/W	64"	360°	269mA	> 80	R17d
		5000K	3970 lm/W	124 lm/W			269mA		
		6500K	3970 lm/W	124 lm/W			269mA		
	28W	4000K	3243 lm/W	123 lm/W			230mA		
		5000K	3450 lm/W	123 lm/W			230mA		
		6500K	3450 lm/W	123 lm/W			230mA		
	16W	4000K	2096 lm/W	124 lm/W			153mA		
		5000K	2230 lm/W	124 lm/W			153mA		
		6500K	2230 lm/W	124 lm/W			153mA		
KT-LED37PST8-72P2SO-8CSK-DW	37W	4000K	4324 lm/W	124 lm/W	72"	360°	306mA	> 80	R17d
		5000K	4600 lm/W	124 lm/W			306mA		
		6500K	4600 lm/W	124 lm/W			306mA		
	31W	4000K	3760 lm/W	129 lm/W			261mA		
		5000K	4000 lm/W	129 lm/W			261mA		
		6500K	4000 lm/W	129 lm/W			261mA		
	17W	4000K	2331 lm/W	124 lm/W			174mA		
		5000K	2480 lm/W	124 lm/W			174mA		
		6500K	2480 lm/W	124 lm/W			174mA		
KT-LED41PST8-84P2SO-8CSK-DW	41W	4000K	5081 lm/W	132 lm/W	84"	360°	352mA	> 80	R17d
		5000K	5405 lm/W	132 lm/W			352mA		
		6500K	5405 lm/W	132 lm/W			352mA		
	37W	4000K	4418 lm/W	127 lm/W			300mA		
		5000K	4700 lm/W	127 lm/W			300mA		
		6500K	4700 lm/W	127 lm/W			300mA		
	21W	4000K	2848 lm/W	132 lm/W			201mA		
		5000K	3030 lm/W	132 lm/W			201mA		
		6500K	3030 lm/W	132 lm/W			201mA		
KT-LED46PST8-96P2SO-8CSK-DW	46W	4000K	5729 lm/W	133 lm/W	96"	360°	408mA	> 80	R17d
		5000K	6095 lm/W	133 lm/W			408mA		
		6500K	6095 lm/W	133 lm/W			408mA		
	42W	4000K	4982 lm/W	126 lm/W			348mA		
		5000K	5300 lm/W	126 lm/W			348mA		
		6500K	5300 lm/W	126 lm/W			348mA		
	23W	4000K	3111 lm/W	132 lm/W			233mA		
		5000K	3310 lm/W	132 lm/W			233mA		
		6500K	3310 lm/W	132 lm/W			233mA		
KT-LED50PST8-108P2SO-8CSK-DW	50W	4000K	6270 lm/W	133 lm/W	120"	360°	445mA	> 80	R17d
		5000K	6670 lm/W	133 lm/W			445mA		
		6500K	6670 lm/W	133 lm/W			445mA		
	45W	4000K	5452 lm/W	135 lm/W			380mA		
		5000K	5800 lm/W	135 lm/W			380mA		
		6500K	5800 lm/W	135 lm/W			380mA		
	25W	4000K	3511 lm/W	133 lm/W			254mA		
		5000K	3735 lm/W	133 lm/W			254mA		
		6500K	3735 lm/W	133 lm/W			254mA		

Sign Tube Direct Wire

T8 | 360° Sign Tube | Single-Ended | Power and Color Select

SIGN HERO

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	NOMINAL LENGTH	LIGHT SPREAD	INPUT CURRENT	CRI	SOCKET TYPE
KT-LED52PST8-117P2SO-8CSK-DW	52W	4000K	6720 lm/W	137 lm/W	117"	360°	473mA	> 80	R17d
		5000K	7130 lm/W	137 lm/W			473mA		
		6500K	7130 lm/W	137 lm/W			473mA		
	45W	4000K	5828 lm/W	138 lm/W			404mA		
		5000K	6200 lm/W	138 lm/W			404mA		
		6500K	6200 lm/W	138 lm/W			404mA		
	29W	4000K	3737 lm/W	137 lm/W			270mA		
		5000K	3975 lm/W	137 lm/W			270mA		
		6500K	3975 lm/W	137 lm/W			270mA		
KT-LED54PST8-120P2SO-8CSK-DW	54W	4000K	6918 lm/W	136 lm/W	120"	360°	491mA	> 80	R17d
		5000K	7360 lm/W	136 lm/W			491mA		
		6500K	7360 lm/W	136 lm/W			491mA		
	47W	4000K	6016 lm/W	136 lm/W			419mA		
		5000K	6400 lm/W	136 lm/W			419mA		
		6500K	6400 lm/W	136 lm/W			419mA		
	30W	4000K	3845 lm/W	136 lm/W			280mA		
		5000K	4090 lm/W	136 lm/W			280mA		
		6500K	4090 lm/W	136 lm/W			280mA		

Accessories

CATALOG NUMBER	DESCRIPTION	
KT-SH-DW-MB2	Mounting bracket kit for Sign Hero Direct Wire; includes (2) spring-loaded aluminum brackets for 90° installations	
KT-SH-DW-EXT	12" extension cable for Sign Hero Direct Wire; includes waterproof connectors on both ends for tube-to-tube connection	
KT-SH-DW-LC	6' lead cable for Sign Hero Direct Wire; includes a waterproof connector on one end for connection to power input	
KTSP-10KV	External surge protector; input voltage 120-277V; Max. peak current: 10KV; IP65 Rated.	
KT-SH-4L-CABLE-KIT	Cable kit for 1-4 lamp applications, designed to prevent lamp sagging for horizontal applications over 8' long; includes options for mounting via magnets or Tek screws.	
KT-SH-6L-CABLE-KIT	Cable kit for 1-6 lamp applications, designed to prevent lamp sagging for horizontal applications over 8' long; includes options for mounting via magnets or Tek screws.	

Sign Tube



Ballast Bypass

POWER SELECT

COLOR SELECT

Features & Benefits

- Installs using existing sockets in the sign; all necessary wiring can be done within ballast raceway
- Over 50% more energy efficient than HO fluorescent lamps
- Optical lens over individual LEDs for optimal light spread within the sign
- No external driver or power supply needed
- UL Classified: LED sign retrofit, evaluated to UL 48 / UL 879A standards
- Listed in the UL SAM Manual
- 120-277V input
- Operating temperature: -30°C/-22°F to 55°C/131°F
- Optimized spacing 6" from the face and 12" on center

CLASSIFIED UL | RoHS Compliant | 50,000 HOUR LIFETIME | 5 YEAR WARRANTY | c UL us | SAM

Sign Tube

T8 | 360° Sign Tube | Double-Ended | Dedicated

SIGN HERO

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	LUMENS PER FOOT PER SIDE	EFFICACY	CONSTRUCTION	LIGHT SPREAD	AVAILABLE CCT
KT-LED7T8-18P2S-8xx-D /G2	18"	R17D	7W	900	300	129 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED10T8-24P2S-8xx-D /G2	24"	R17D	10W	1200	300	120 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED13T8-30P2S-8xx-D /G2	30"	R17D	13W	1600	320	123 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED16T8-36P2S-8xx-D /G2	36"	R17D	16W	2000	333	125 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED18T8-42P2S-8xx-D /G2	42"	R17D	18W	2250	321	125 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED21T8-48P2S-8xx-D /G2	48"	R17D	21W	2600	321	124 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED26T8-60P2S-8xx-D /G2	60"	R17D	26W	3250	325	125 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED28T8-64P2S-8xx-D /G2	64"	R17D	28W	3450	325	123 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED31T8-72P2S-8xx-D /G2	72"	R17D	31W	4000	333	129 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED37T8-84P2S-8xx-D /G2	84"	R17D	37W	4700	336	127 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED42T8-96P2S-8xx-D /G2	96"	R17D	42W	5300	331	126 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED47T8-108P2S-8xx-D /G2	108"	R17D	47W	5800	322	123 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED50T8-117P2S-8xx-D /G2	117"	R17D	50w	6200	317	124 lm/W	Plastic Aluminum	360°	4000K or 6500K
KT-LED52T8-120P2S-8xx-D /G2	120"	R17D	52W	6400	320	123 lm/W	Plastic Aluminum	360°	4000K or 6500K

T8 | 180° Sign Tube | Double-Ended | Dedicated

SIGN HERO

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	LUMENS PER FOOT PER SIDE	EFFICACY	CONSTRUCTION	LIGHT SPREAD	AVAILABLE CCT
KT-LED4T8-18P1S-8xx-D /G2	18"	R17D	4W	480	320	120 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED5T8-24P1S-8xx-D /G2	24"	R17D	5W	600	300	120 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED7T8-30P1S-8xx-D /G2	30"	R17D	7W	840	336	120 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED8T8-36P1S-8xx-D /G2	36"	R17D	8W	1000	334	125 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED9T8-42P1S-8xx-D /G2	42"	R17D	9W	1125	321	125 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED11T8-48P1S-8xx-D /G2	48"	R17D	11W	1340	335	122 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED13T8-60P1S-8xx-D /G2	60"	R17D	13W	1625	325	125 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED14T8-64P1S-8xx-D /G2	64"	R17D	14W	1725	323	123 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED16T8-72P1S-8xx-D /G2	72"	R17D	16W	2000	333	125 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED19T8-84P1S-8xx-D /G2	84"	R17D	19W	2350	335	124 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED21T8-96P1S-8xx-D /G2	96"	R17D	21W	2650	331	126 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED24T8-108P1S-8xx-D /G2	108"	R17D	24W	2900	332	120 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED25T8-117P1S-8xx-D /G2	117"	R17D	25W	3100	317	124 lm/W	Plastic Aluminum	180°	4000K or 6500K
KT-LED26T8-120P1S-8xx-D /G2	120"	R17D	26W	3200	320	123 lm/W	Plastic Aluminum	180°	4000K or 6500K

Continued on next page

Sign Tube

T8 | 360° Sign Tube | Single- and Double-Ended | Color Select

SIGN HERO

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	LUMENS PER FOOT PER SIDE	EFFICACY	CONSTRUCTION	LIGHT SPREAD	SELECTABLE CCT
KT-LED7T8-18P2SO-8CSK-DX2	18"	R17D	7W	900	225	129 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED10T8-24P2SO-8CSK-DX2	24"	R17D	10W	1200	300	120 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED13T8-30P2SO-8CSK-DX2	30"	R17D	13W	1600	320	123 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED16T8-36P2SO-8CSK-DX2	36"	R17D	16W	2000	333	125 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED18T8-42P2SO-8CSK-DX2	42"	R17D	18W	2250	321	125 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED21T8-48P2SO-8CSK-DX2	48"	R17D	21W	2600	321	124 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED26T8-60P2SO-8CSK-DX2	60"	R17D	26W	3250	325	125 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED28T8-64P2SO-8CSK-DX2	64"	R17D	28W	3450	325	123 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED31T8-72P2SO-8CSK-DX2	72"	R17D	31W	4000	333	129 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED37T8-84P2SO-8CSK-DX2	84"	R17D	37W	4700	336	127 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED42T8-96P2SO-8CSK-DX2	96"	R17D	42W	5300	331	126 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED47T8-108P2SO-8CSK-DX2	108"	R17D	47W	5800	322	123 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED50T8-117P2SO-8CSK-DX2	117"	R17D	50w	6200	317	124 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K
KT-LED52T8-120P2SO-8CSK-DX2	120"	R17D	52W	6400	320	123 lm/W	Plastic, Aluminum	360°	4000K, 5000K, or 6500K

T8 | 180° Sign Tube | Single- and Double-Ended | Color Select

SIGN HERO

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	LUMENS PER FOOT PER SIDE	EFFICACY	CONSTRUCTION	LIGHT SPREAD	SELECTABLE CCT
KT-LED4T8-18P1SO-8CSK-DX2	18"	R17D	4W	480	320	120 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED5T8-24P1SO-8CSK-DX2	24"	R17D	5W	600	300	120 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED7T8-30P1SO-8CSK-DX2	30"	R17D	7W	840	336	120 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED8T8-36P1SO-8CSK-DX2	36"	R17D	8W	1000	334	125 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED9T8-42P1SO-8CSK-DX2	42"	R17D	9W	1125	321	125 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED11T8-48P1SO-8CSK-DX2	48"	R17D	11W	1340	335	122 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED13T8-60P1SO-8CSK-DX2	60"	R17D	13W	1625	325	125 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED14T8-64P1SO-8CSK-DX2	64"	R17D	14W	1725	323	123 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED16T8-72P1SO-8CSK-DX2	72"	R17D	16W	2000	333	125 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED19T8-84P1SO-8CSK-DX2	84"	R17D	19W	2350	335	124 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED21T8-96P1SO-8CSK-DX2	96"	R17D	21W	2650	331	126 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED24T8-108P1SO-8CSK-DX2	108"	R17D	24W	2900	332	120 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED25T8-117P1SO-8CSK-DX2	117"	R17D	25W	3100	317	124 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K
KT-LED26T8-120P1SO-8CSK-DX2	120"	R17D	26W	3200	320	123 lm/W	Plastic Aluminum	180°	4000K, 5000K, or 6500K

Sign Tube

T8 | 360° Sign Tube - Contractor Prime | Single- and Double-Ended | Color Select

SIGN HERO

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	WATTAGE	LUMENS	LUMENS PER FOOT PER SIDE	EFFICACY	CONSTRUCTION	LIGHT SPREAD	SELECTABLE CCT
KT-LED7T8-18P2SF-8CSK-DX2	18"	R17D	7W	950	225	135 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED9T8-24P2SF-8CSK-DX2	24"	R17D	9W	1250	300	138 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED11T8-30P2SF-8CSK-DX2	30"	R17D	11W	1550	320	140 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED12T8-36P2SF-8CSK-DX2	36"	R17D	12W	1700	333	141 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED15T8-42P2SF-8CSK-DX2	42"	R17D	15W	2050	321	136 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED18T8-48P2SF-8CSK-DX2	48"	R17D	18W	2500	321	138 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED24T8-60P2SF-8CSK-DX2	60"	R17D	24W	3300	325	137 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED26T8-64P2SF-8CSK-DX2	64"	R17D	26W	3500	325	134 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED30T8-72P2SF-8CSK-DX2	72"	R17D	30W	4150	333	138 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED32T8-84P2SF-8CSK-DX2	84"	R17D	32W	4450	336	139 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED36T8-96P2SF-8CSK-DX2	96"	R17D	36W	5050	331	140 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED42T8-108P2SF-8CSK-DX2	108"	R17D	42W	5800	322	138 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED45T8-117P2SF-8CSK-DX2	117"	R17D	45W	6200	317	137 lm/W	Plastic	360°	4000K, 5000K, or 6500K
KT-LED48T8-120P2SF-8CSK-DX2	120"	R17D	48W	6250	320	136 lm/W	Plastic	360°	4000K, 5000K, or 6500K

Accessories

CATALOG NUMBER	DESCRIPTION	
KTSP-10KV	External surge protector; input voltage 120-277V; Max. peak current: 10KV; IP65 Rated.	
KT-SH-4L-CABLE-KIT	Cable kit for 1-4 lamp applications; designed to prevent lamp sagging for horizontal applications over 8' long; includes options for mounting via magnets or tek screws.	
KT-SH-6L-CABLE-KIT	Cable kit for 1-6 lamp applications; designed to prevent lamp sagging for horizontal applications over 8' long; includes options for mounting via magnets or tek screws.	

Accessories

Single-Ended Wiring Harness

CATALOG NUMBER	DESCRIPTION	
KT-SOCKET-T8-U-T-2-W	2-lamp wiring harness for LED tubes, includes (2) pre-wired tall, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-T-3-W	3-lamp wiring harness for LED tubes, includes (3) pre-wired tall, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-T-4-W	4-lamp wiring harness for LED tubes, includes (4) pre-wired tall, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-T-6-W	6-lamp wiring harness for LED tubes, includes (6) pre-wired tall, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-S-2-W	2-lamp wiring harness for LED tubes, includes (2) pre-wired standard, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-S-3-W	3-lamp wiring harness for LED tubes, includes (3) pre-wired standard, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-S-4-W	4-lamp wiring harness for LED tubes, includes (4) pre-wired standard, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-S-6-W	6-lamp wiring harness for LED tubes, includes (6) pre-wired standard, non-shunted sockets with power quick disconnect	
KT-SOCKET-T8-U-SI-2-W	2-lamp wiring harness for U-bend LED tubes, includes (2) pre-wired straight insertion sockets plus (2) additional sockets, with power quick disconnect	
KT-WH-FA8-2L	Wiring harness for single pin 8' DirectDrive LED tubes	

Accessories

Sockets

CATALOG NUMBER	DESCRIPTION	
KT-SOCKET-T8-U-T	Non-shunted tall T8 socket with push-through with nub, approximately 30mm	
KT-SOCKET-T8-U-S	Non-shunted short T8 socket with push-through with nub, approximately 23mm	
KT-SOCKET-T8-U-SI	Standard medium bi-pin socket, slide-on / snap-in, non-shunted, or T8 U-bend lamps	
KT-SOCKET-T8-S-T	Tall medium bi-pin socket, snap-in with nib, shunted, for T8 and T12 lamps	
KT-SOCKET-T8-S-S	Standard medium bi-pin socket, snap-in with nib, shunted, for T8 and T12 lamps	
KT-SOCKET-T5-U-T	Tall bi-pin G5 base, non-shunted, for T5 lamps	
KT-SOCKET-T5-S	Short miniature bi-pin G5 base, non-shunted, for T5 lamps	
KT-SOCKET-SL-PE	Single pin slimline socket with plunger end	
KT-SOCKET-SL-SE	Single pin slimline socket with stationary end	
KT-SOCKET-RDC-SE-SIGN-1	Recessed double contact socket with stationary end for HO lamp sign applications	
KT-SOCKET-RDC-SPR-SIGN-1	Recessed double contact socket with plunger end for HO lamp sign applications	
KT-SOCKET-RDC-PE	Recessed double contact socket with plunger end for HO lamps	
KT-SOCKET-RDC-SE	Recessed double contact socket with stationary end for HO lamps	



Dual Mode

Features & Benefits

- Plug-and-play application: compatible with most instant start and program start electronic T8 ballasts
- Bypass ballast application: runs on 120-277V line voltage
- Single- or double-ended wiring in Line Voltage mode
- All lamps listed as DLC compliant have dimming capabilities. Please contact Keystone sales rep for more details

UL LISTED · CLASSIFIED UL · ETL Intertek · DLC LISTED · RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY · DIMMABLE · c UL us

T8 | Single- and Double-Ended | Color Select

COMBODRIVE X3

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH BALLAST)	COLOR TEMP	LUMENS (LINE VOLTAGE)	BARE LAMP EFFICACY (LINE VOLTAGE)	CONSTRUCTION	LIGHT SPREAD	DLC
KT-LED7.5T8-24G-8CSJ-X3	2ft	G13	7.5W	9.4W	3000K	1100	146 lm/w	Glass	240	Yes
					3500K	1150	153 lm/w			
					4000K	1175	156 lm/w			
					5000K	1150	153 lm/w			
					6500K	1150	153 lm/w			
KT-LED10T8-36G-8CSJ-X3	3ft	G13	10W	12.4W	3000K	1500	150 lm/w	Glass	240	Yes
					3500K	1550	155 lm/w			
					4000K	1600	160 lm/w			
					5000K	1600	160 lm/w			
					6500K	1550	155 lm/w			
KT-LED13T8-48G-8CSJ-X3	4ft	G13	13W	15.5W	3000K	1950	149 lm/w	Glass	240	Yes
					3500K	2000	153 lm/w			
					4000K	2000	153 lm/w			
					5000K	2050	157 lm/w			
					6500K	2000	153 lm/w			
KT-LED13T8-48GC-8CSJ-X3	4ft	G13	13W	15.5W	3000K	1950	149 lm/w	Glass Coated	240	Yes
					3500K	2000	153 lm/w			
					4000K	2000	153 lm/w			
					5000K	2050	157 lm/w			
					6500K	2000	153 lm/w			

T8 | Single- and Double-Ended

COMBODRIVE X3

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH BALLAST)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED9T8-24G-8xx-X3	2ft	G13	9W	12W	1450	161 lm/W	Glass	220°	Yes	3500K or 4000K
KT-LED11T8-36G-8xx-X3	3ft	G13	11W	14W	1700	155 lm/W	Glass	220°	Yes	3500K or 5000K
KT-LED13T8-48G-8xx-X3	4ft	G13	13W	15.5W	1950	150 lm/W	Glass	160°	Yes	3000K, 3500K, 4000K, or 5000K
KT-LED13T8-48GC-8xx-X3	4ft	G13	13W	15.5W	1950	150 lm/W	Glass Coated	220°	Yes	3000K, 3500K, 4000K, or 5000K

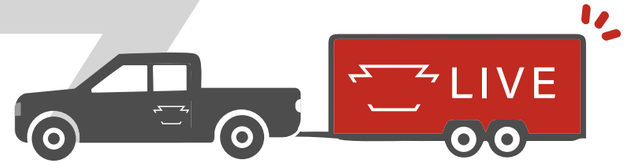
Continued on next page

T8

T8 U-Bend | Single- and Double-Ended | Color Select | Power Select

ComboDrive X3

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	COLOR TEMP	SYSTEM WATTAGE (WITH 0.88 BF)	SELECTABLE WATTAGE (LINE VOLTAGE)	LUMENS (LINE VOLTAGE)	BARE LAMP EFFICACY (LINE VOLTAGE)	CONSTRUCTION	LIGHT SPREAD	DLC
KT-LED15PST8-U1G-8CSJ-X3	2ft	G13	3000K	15.77W	15W	2100	140 lm/W	Glass	150°	Yes
					13W	1900	146 lm/W			
					11.5W	1700	147 lm/W			
			3500K	15.73W	15W	2100	140 lm/W			
					13W	1900	146 lm/W			
					11.5W	1700	147 lm/W			
			4000K	15.64W	15W	2200	146 lm/W			
					13W	2000	153 lm/W			
					11.5W	1800	156 lm/W			
			5000K	15.68W	15W	2200	146 lm/W			
					13W	2000	153 lm/W			
					11.5W	1800	156 lm/W			
			6500K	15.65W	15W	2200	146 lm/W			
					13W	2000	153 lm/W			
					11.5W	1800	156 lm/W			
KT-LED15PST8-U6G-8CSJ-X3	2ft	G13	3000K	15.77W	15W	2100	140 lm/W	Glass	210°	Yes
					13W	1900	146 lm/W			
					11.5W	1700	147 lm/W			
			3500K	15.73W	15W	2100	140 lm/W			
					13W	1900	146 lm/W			
					11.5W	1700	147 lm/W			
			4000K	15.64W	15W	2200	146 lm/W			
					13W	2000	153 lm/W			
					11.5W	1800	156 lm/W			
			5000K	15.68W	15W	2200	146 lm/W			
					13W	2000	153 lm/W			
					11.5W	1800	156 lm/W			
			6500K	15.65W	15W	2200	146 lm/W			
					13W	2000	153 lm/W			
					11.5W	1800	156 lm/W			



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T5 & T8 Dimmable



External Driver

Features & Benefits

- Keystone T8 linear and U-bend lamp and driver pairings wire exactly the same as instant start T8 ballasts for quick and easy installation
- 0-10V dimmable; low optical flicker
- T8 and T5 linear lamps are glass construction with metal end caps; U-bend lamps are nanoplastic construction
- UL Type C LED tubes, powered by Keystone Type C LED drivers (driver required)
- UL Classified Std. 1598C
- T8 and 4' T5 Keystone external drive lamps are DLC listed
- Operating temperature: -20°C/-4°F to 45°C/113°F

CLASSIFIED UL · Intertek · DLC LISTED · RoHS Compliant · 5 YEAR WARRANTY · c UL us · DIMMABLE · Low Optical Flicker Less Than 2% Up to 400 Hz

T5 & T8 Dimmable

T5HE | Dedicated (Gen 1 - 50,000-Hour Lifetime) — EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED8T5HE-24G-850-E	2ft	G5	8W	9W	1100	138 lm/W	Glass	240°	N/A	5000K
KT-LED10T5HE-36G-850-E	3ft	G5	10W	11.5W	1500	150 lm/W	Glass	240°	N/A	5000K
KT-LED12T5HE-48G-8xx-E	4ft	G5	12W	13W	1800	150 lm/W	Glass	240°	Yes	4000K or 5000K

T5HO | Dedicated (Gen 1 - 50,000-Hour Lifetime) — EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED12T5HO-24G-8xx-E	2ft	G5	12W	13W	1600	133 lm/W	Glass	240°	N/A	3500K, 4000K, or 5000K
KT-LED15T5HO-36G-8xx-E	3ft	G5	15W	18W	2100	140 lm/W	Glass	240°	N/A	3500K or 5000K
KT-LED22T5HO-48G-835-E	4ft	G5	22W	25W	3400	155 lm/W	Glass	240°	Yes	3500K

Drivers for T5 for Type C (Gen 1) — EXTERNAL DRIVE LED

CATALOG NUMBER	DESCRIPTION
KTLD-4LT5HE-UV-8C-VDIM	LED driver for (3-4) 2' T5 HE Type C lamps; 120-277V input, 0-10V dimming, 185mA output current
KTLD-4LT5HE-UV-10C-VDIM	LED driver for (3-4) 3' T5 HE Type C lamps; 120-277V input, 0-10V dimming, 260mA output current
KTLD-4LT5HE-UV-12C-VDIM	LED driver for (3-4) 4' T5 HE Type C lamps; 120-277V input, 0-10V dimming, 270mA output current
KTLD-4LT5HO-UV-15C-VDIM	LED driver for (3-4) 3' T5 HO Type C lamps; 120-277V input, 0-10V dimming, 370mA output current
KTLD-2LT5HO-UV-22C-VDIM	LED driver for (1-2) 4' T5 HO Type C lamps; 120-277V input, 0-10V dimming, 500mA output current

T8 | Dedicated (Gen 1 - 50,000-Hour Lifetime) — EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED8T8-24G-8xx-E	2ft	G13	8W	9W	1200	150 lm/W	Glass	240°	Yes	3500K or 5000K
KT-LED12T8-36G-8xx-E	3ft	G13	12W	13W	1780	148 lm/W	Glass	240°	Yes	4000K or 5000K
KT-LED10T8-48G-8xx-E	4ft	G13	10W	11.5W	1700	170 lm/W	Glass	240°	Yes	3000K or 4000K
KT-LED12T8-48G-8xx-E	4ft	G13	12W	13W	1800	150 lm/W	Glass	240°	Yes	3500K or 4000K
KT-LED12T8-U6P-8xx-E	6 inch U-bend	G13	12W	13W	1800	150 lm/W	Glass	240°	Yes	4000K or 5000K

Continued on next page

T5 & T8 Dimmable

Drivers for T8 Type C (Gen 1)

EXTERNAL DRIVE LED

CATALOG NUMBER	DESCRIPTION
KTLD-4LT8-UV-8C-VDIM	LED driver for (3-4) 2' Type C lamps; 120-277V input, 0-10V dimming, 180mA output current
KTLD-1LT8-UV-12C-VDIM	LED driver for (1) 4' or 3' Type C lamps; 120-277V input, 0-10V dimming, 270mA output current

T5HE | Single- and Double-Ended | Dedicated (Gen 2 - 70,000-Hour Lifetime)

EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED8T5HE-24G-8xx-E /G2	2ft	G5	8W	9W	1100	138 lm/W	Glass	160°	N/A	3500K, 4000K, or 5000K
KT-LED10T5HE-36G-8xx-E /G2	3ft	G5	10W	11.5W	1500	150 lm/W	Glass	160°	N/A	3500K, 4000K, or 5000K
KT-LED12T5HE-48G-8xx-E /G2	4ft	G5	12W	13W	1800	150 lm/W	Glass	240°	Yes	3500K , 4000K, or 5000K

T5HO | Single- and Double-Ended | Dedicated (Gen 2 - 70,000-Hour Lifetime)

EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED12T5HO-24G-8xx-E /G2	2ft	G5	12W	13W	1600	133 lm/W	Glass	160°	N/A	3500K, 4000K, or 5000K
KT-LED15T5HO-36G-8xx-E /G2	3ft	G5	15W	18W	2100	140 lm/W	Glass	160°	N/A	3500K, 4000K, or 5000K
KT-LED22T5HO-48G-8xx-E /G2	4ft	G5	22W	25W	3400	155 lm/W	Glass	160°	Yes	3500K, 4000K, or 5000K

Drivers for T5 (Gen 2)

EXTERNAL DRIVE LED

CATALOG NUMBER	DESCRIPTION
KTLD-2LT5HE-UV-8C-VDIM /G2	LED Driver for External Drive Type C LED tubes, Runs 1 or 2 of the KT-LED8T5HE-24G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-4LT5HE-UV-8C-VDIM /G2	LED Driver for External Drive Type C LED tubes, Runs 3 or 4 of the KT-LED8T5HE-24G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-2LT5HE-UV-10C-VDIM /G2	LED Driver for External Drive Type C LED tubes, Runs 1 or 2 of the KT-LED10T5HE-36G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-4LT5HE-UV-10C-VDIM /G2	LED Driver for External Drive Type C LED tubes, Runs 3 or 4 of the KT-LED10T5HE-36G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-2LT5HE-UV-12C-VDIM /G2	LED Driver for External Drive Type C LED tubes, Runs 1 or 2 of the KT-LED12T5HE-48G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-4LT5HE-UV-12C-VDIM /G2	LED Driver for External Drive Type C LED tubes, Runs 3 or 4 of the KT-LED12T5HE-48G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-2LT5HO-UV-12C-VDIM	LED Driver for External Drive Type C LED tubes, Runs 1 or 2 of the KT-LED12T5HO-24G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-4LT5HO-UV-12C-VDIM	LED Driver for External Drive Type C LED tubes, Runs 3 or 4 of the KT-LED12T5HO-24G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-2LT5HO-UV-15C-VDIM	LED Driver for External Drive Type C LED tubes, Runs 1 or 2 of the KT-LED15T5HO-36G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-4LT5HO-UV-15C-VDIM	LED Driver for External Drive Type C LED tubes, Runs 3 or 4 of the KT-LED15T5HO-36G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-2LT5HO-UV-22C-VDIM	LED Driver for External Drive Type C LED tubes, Runs 1 or 2 of the KT-LED22T5HO-48G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs
KTLD-4LT5HO-UV-22C-VDIM	LED Driver for External Drive Type C LED tubes, Runs 3 or 4 of the KT-LED22T5HO-48G-8xx-E /G2 lamps, 120-277V Input, 0-10V Dimming, 70k hrs

T5 & T8 Dimmable

T8 | Single- and Double-Ended | Dedicated (Gen 2 - 70,000-Hour Lifetime)

EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED8T8-24G-8xx-E /G2	2ft	G13	8W	9W	1200	150 lm/W	Glass	240°	Yes	3500K, 4000K, or 5000K
KT-LED12T8-36G-8xx-E /G2	3ft	G13	12W	13W	1780	148 lm/W	Glass	240°	Yes	3500K, 4000K, or 5000K
KT-LED10T8-48G-8xx-E /G2	4ft	G13	10W	11.5W	1700	170 lm/W	Glass	240°	Yes	3000K, 3500K, 4000K, or 5000K
KT-LED12T8-48G-8xx-E /G2	4ft	G13	12W	13W	1800	150 lm/W	Glass	240°	Yes	3500K, 4000K, or 5000K
KT-LED13.5T8-48G-8xx-E /G2	4ft	G13	13.5W	15W	2200	163 lm/W	Glass	240°	Yes	3500K, 4000K, or 5000K

Drivers for T8 Type C (Gen 2)

EXTERNAL DRIVE LED

CATALOG NUMBER	DESCRIPTION
KTLD-2LT8-UV-8C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 1 or 2 of the KT-LED8T8-24G-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-4LT8-UV-8C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 3 or 4 of the KT-LED8T8-24G-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-2LT8-UV-10C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 1 or 2 of the KT-LED10T8-48G-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-4LT8-UV-10C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 3 or 4 of the KT-LED10T8-48G-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-1LT8-UV-12C-VDIM /G2	LED driver for external drive Type C LED tubes, Run 1 of the KT-LED12T8-xxG-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-2LT8-UV-12C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 1 or 2 of the KT-LED12T8-xxG-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-4LT8-UV-12C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 3 or 4 of the KT-LED12T8-xxG-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-2LT8-UV-13.5C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 1 or 2 of the KT-LED13.5T8-48G-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs
KTLD-4LT8-UV-13.5C-VDIM /G2	LED driver for external drive Type C LED tubes, Runs 3 or 4 of the KT-LED13.5T8-48G-8xx-E /G2 lamps, 120-277V input, 0-10V dimming, 70k hrs

T8 | Single- and Double-Ended | Dedicated (Gen 3 - 70,000-Hour Lifetime)

EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC	AVAILABLE CCT
KT-LED9.5T8-24G-840-E	2ft	G13	9.5W	11.4W	1570	165 lm/W	Glass	160°	Yes	4000K
KT-LED10.5T8-36G-840-E	3ft	G13	10.5W	12.6W	1745	166 lm/W	Glass	160°	Yes	4000K
KT-LED11.5T8-48G-840-E	4ft	G13	11.5W	13.4W	1900	165 lm/W	Glass	160°	Yes	4000K
KT-LED14T8-48G-840-E	4ft	G13	14W	15.5W	2250	161 lm/W	Glass	160°	Yes	4000K

T5 & T8 Dimmable

T8 | Single- and Double-Ended | Color Select (Gen 3 - 70,000-Hour Lifetime) EXTERNAL DRIVE LED

CATALOG NUMBER	NOMINAL LENGTH	BASE TYPE	BARE LAMP WATTAGE	SYSTEM WATTAGE (WITH DRIVER)	SELECTABLE CCT	LUMENS	BARE LAMP EFFICACY	CONSTRUCTION	LIGHT SPREAD	DLC
KT-LED9.5T8-24G-8CSJ-E	2ft	G13	9.5W	11.4W	3000K	1460	154 lm/W	Glass	160°	Yes
					3500K	1570	165 lm/W			
					4000K	1570	165 lm/W			
					5000K	1570	165 lm/W			
					6500K	1520	160 lm/W			
KT-LED10.5T8-36G-8CSJ-E	3ft	G13	10.5W	12.6W	3000K	1650	157 lm/W	Glass	160°	Yes
					3500K	1745	166 lm/W			
					4000K	1745	166 lm/W			
					5000K	1745	166 lm/W			
					6500K	1735	165 lm/W			
KT-LED11.5T8-48G-8CSJ-E	4ft	G13	11.5W	13.4W	3000K	1790	156 lm/W	Glass	160°	Yes
					3500K	1900	165 lm/W			
					4000K	1900	165 lm/W			
					5000K	1900	165 lm/W			
					6500K	1860	162 lm/W			
KT-LED14T8-48G-8CSJ-E	4ft	G13	14W	11.4W	3000K	2110	151 lm/W	Glass	160°	Yes
					3500K	2250	161 lm/W			
					4000K	2250	161 lm/W			
					5000K	2250	161 lm/W			
					6500K	2190	156 lm/W			

Drivers for T8 Type C (Gen 3) EXTERNAL DRIVE LED

CATALOG NUMBER	DESCRIPTION
KTLD-2LT8-UV-PS15C-BL-VDIM	LED driver for external drive Type C LED tubes, Runs 1 or 2 of the Gen 3 Lamps, Bi-Level Dimming, Power Select, 120-277Vac Input, 0-10V Dimming, 12V Aux, 70k Hrs
KTLD-4LT8-UV-PS15C-BL-VDIM	LED driver for external drive Type C LED tubes, Runs 3 or 4 of the Gen 3 Lamps, Bi-Level Dimming, Power Select, 120-277Vac Input, 0-10V Dimming, 12V Aux, 70k Hrs



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High Output Corn Cob



Ballast Bypass

POWER SELECT

COLOR SELECT

Features & Benefits

- Ideal way to upgrade existing metal halide HID fixtures to LED
- Integrated cooling fan enables superior thermal regulation
- Light output up to 71,000 lumens
- Keystone Power Select and Color Select technology
- Omni-directional light output allows usage virtually anywhere
- Eliminates the need for legacy ballasts
- Instant startup
- UL Certified and DLC Listed
- High-voltage options available

UL CERTIFIED · DLC LISTED · RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY · BUILT-IN SURGE PROTECTION

Typical Applications

WALL PACK · LOW BAY/HIGH BAY · SHOEBOX · POST TOP

High Output Corn Cob

Power and Color Select

VENTRA

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	METAL HALIDE EQUIVALENT
KT-LED20PSHID-FC-E26-8CSB-D	20W	3000K	3020	151 lm/W	120-277	E26	Yes	>80	70W MH
		4000K	3160	158 lm/W					
		5000K	3100	155 lm/W					
	15W	3000K	2300	153 lm/W					
		4000K	2340	156 lm/W					
		5000K	2280	152 lm/W					
	9W	3000K	1370	152 lm/W					
		4000K	1440	160 lm/W					
		5000K	1340	149 lm/W					
KT-LED35PSHID-FC-E26-8CSB-D	35W	3000K	5180	148 lm/W	120-277	E26	Yes	>80	100W MH
		4000K	5600	160 lm/W					
		5000K	5285	151 lm/W					
	27W	3000K	4250	157 lm/W					
		4000K	4480	166 lm/W					
		5000K	4320	160 lm/W					
	20W	3000K	3240	162 lm/W					
		4000K	3290	165 lm/W					
		5000K	3240	162 lm/W					
KT-LED50PSHID-FC-E26-8CSB-D	50W	3000K	7610	152 lm/W	120-277	E26	Yes	>80	150W MH
		4000K	8350	167 lm/W					
		5000K	8210	164 lm/W					
	35W	3000K	5350	153 lm/W					
		4000K	6020	172 lm/W					
		5000K	5775	165 lm/W					
	25W	3000K	3900	156 lm/W					
		4000K	4260	170 lm/W					
		5000K	4160	166 lm/W					
KT-LED80PSHID-FC-EX39-8CSB-D	80W	3000K	12000	150 lm/W	120-277	EX39	Yes	>80	250W MH
		4000K	13860	173 lm/W					
		5000K	12800	160 lm/W					
	60W	3000K	9170	153 lm/W					
		4000K	10040	167 lm/W					
		5000K	9500	158 lm/W					
	40W	3000K	6370	159 lm/W					
		4000K	6950	174 lm/W					
		5000K	6670	167 lm/W					
KT-LED120PSHID-FC-EX39-8CSB-D	120W	3000K	18300	153 lm/W	120-277	EX39	Yes	>80	360W MH
		4000K	19340	161 lm/W					
		5000K	19310	161 lm/W					
	90W	3000K	14430	160 lm/W					
		4000K	15180	169 lm/W					
		5000K	14890	165 lm/W					
	60W	3000K	9560	159 lm/W					
		4000K	9820	164 lm/W					
		5000K	9910	165 lm/W					

Chart continues on next page

High Output Corn Cob

Chart continued from previous page

Power and Color Select

VENTRA

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	METAL HALIDE EQUIVALENT
KT-LED150PSHID-FC-EX39-8CSB-D	150W	3000K	22770	152 lm/W	120-277	EX39	Yes	>80	450W MH
		4000K	24400	163 lm/W					
		5000K	23180	155 lm/W					
	115W	3000K	17980	156 lm/W					
		4000K	19360	168 lm/W					
		5000K	18180	158 lm/W					
	80W	3000K	12790	160 lm/W					
		4000K	13540	169 lm/W					
		5000K	12810	160 lm/W					
KT-LED200PSHID-FC-EX39-8CSB-D	200W	3000K	32350	162 lm/W	120-277	EX39	Yes	>80	600W MH
		4000K	34810	174 lm/W					
		5000K	33830	169 lm/W					
	150W	3000K	23460	156 lm/W					
		4000K	25030	167 lm/W					
		5000K	24020	160 lm/W					
	100W	3000K	15780	158 lm/W					
		4000K	16830	168 lm/W					
		5000K	16160	162 lm/W					
KT-LED270PSHID-FC-EX39-8CSB-D	270W	3000K	41550	154 lm/W	120-277	EX39	Yes	>80	750W MH
		4000K	45430	168 lm/W					
		5000K	43020	159 lm/W					
	200W	3000K	30950	155 lm/W					
		4000K	34000	170 lm/W					
		5000K	31040	155 lm/W					
	135W	3000K	21170	157 lm/W					
		4000K	22780	169 lm/W					
		5000K	20790	154 lm/W					

High Output Corn Cob

High Voltage | Power and Color Select

VENTRA

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	METAL HALIDE EQUIVALENT
KT-LED120PSVHID-FC-EX39-8CSB-D	120W	3000K	18560	155 lm/W	277-480V	EX39	Yes	>80	360W MH
		4000K	19930	166 lm/W					
		5000K	19200	160 lm/W					
	90W	3000K	14260	158 lm/W					
		4000K	15200	169 lm/W					
		5000K	14910	166 lm/W					
	60W	3000K	9580	160 lm/W					
		4000K	10030	167 lm/W					
		5000K	10110	169 lm/W					
KT-LED150PSHVHID-FC-EX39-8CSB-D	150W	3000K	23490	157 lm/W	277-480V	EX39	Yes	>80	450W MH
		4000K	24850	166 lm/W					
		5000K	23590	157 lm/W					
	115W	3000K	17810	155 lm/W					
		4000K	19250	167 lm/W					
		5000K	18230	159 lm/W					
	80W	3000K	12570	157 lm/W					
		4000K	13480	169 lm/W					
		5000K	12780	160 lm/W					
KT-LED200PSHVHID-FC-EX39-8CSB-D	200W	3000K	32310	162 lm/W	277-480V	EX39	Yes	>80	600W MH
		4000K	34860	174 lm/W					
		5000K	33940	170 lm/W					
	150W	3000K	23450	156 lm/W					
		4000K	25010	167 lm/W					
		5000K	24160	161 lm/W					
	100W	3000K	15830	158 lm/W					
		4000K	16840	168 lm/W					
		5000K	16080	161 lm/W					
KT-LED270PSHVHID-FC-EX39-8CSB-D	270W	3000K	40950	152 lm/W	277-480V	EX39	Yes	>80	750W MH
		4000K	44560	165 lm/W					
		5000K	43300	160 lm/W					
	200W	3000K	31010	155 lm/W					
		4000K	34140	171 lm/W					
		5000K	32940	165 lm/W					
	135W	3000K	21130	157 lm/W					
		4000K	23120	171 lm/W					
		5000K	21280	158 lm/W					
KT-LED450PSHVHID-FC-EX39-8CSB-D	450W	3000K	63440	141 lm/W	277-480V	EX39	Yes	>80	1000W MH
		4000K	71240	158 lm/W					
		5000K	67980	151 lm/W					
	360W	3000K	52360	145 lm/W					
		4000K	58990	164 lm/W					
		5000K	55350	154 lm/W					
	270W	3000K	40000	148 lm/W					
		4000K	44420	165 lm/W					
		5000K	41760	155 lm/W					

Corn Cob







Ballast Bypass

POWER SELECT

COLOR SELECT

Features & Benefits

- Ideal way to upgrade existing metal halide HID fixtures to LED
- Keystone Power Select and Color Select technology
- Omni-directional light output allows usage virtually anywhere
- Cost-efficient replacement for legacy metal halide lamps
- Includes SmartPort receptacle to accept various Keystone quick plug-in sensors
- Eliminates the need for legacy ballasts
- Instant startup
- UL Certified and DLC Listed

UL CERTIFIED · DLC LISTED · RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY · BUILT-IN SURGE PROTECTION

Typical Applications

WALL PACK · CANOPY · SHOEBOX · POST TOP

Corn Cob

DIRECT DRIVE HID LED

Power and Color Select

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	METAL HALIDE EQUIVALENT
KT-LED18PSHID-E26-8CSB-D	18W	3000K	2340	130 lm/W	100-277V	E26	N/A	>80	70W MH
		4000K	2560	142 lm/W					
		5000K	2500	139 lm/W					
	12W	3000K	1560	130 lm/W					
		4000K	1700	142 lm/W					
		5000K	1670	139 lm/W					
	9W	3000K	1180	131 lm/W					
		4000K	1290	143 lm/W					
		5000K	1260	140 lm/W					
KT-LED27PSHID-E26-8CSB-D	27W	3000K	3560	132 lm/W	100-277V	E26	N/A	>80	100W MH
		4000K	3890	144 lm/W					
		5000K	3780	140 lm/W					
	22W	3000K	3900	132 lm/W					
		4000K	3170	144 lm/W					
		5000K	3080	140 lm/W					
	18W	3000K	3290	133 lm/W					
		4000K	2610	145 lm/W					
		5000K	3540	141 lm/W					
KT-LED27PSHID-EX39-8CSB-D	27W	3000K	3560	132 lm/W	100-277V	EX39	Yes	>80	100W MH
		4000K	3890	144 lm/W					
		5000K	3780	140 lm/W					
	22W	3000K	3900	132 lm/W					
		4000K	3170	144 lm/W					
		5000K	3080	140 lm/W					
	18W	3000K	3290	133 lm/W					
		4000K	2610	145 lm/W					
		5000K	3540	141 lm/W					
KT-LED36PSHID-E26-8CSB-D	36W	3000K	4860	135 lm/W	100-277V	E26	N/A	>80	150W MH
		4000K	5220	145 lm/W					
		5000K	5040	140 lm/W					
	27W	3000K	3645	135 lm/W					
		4000K	3915	145 lm/W					
		5000K	3780	140 lm/W					
	18W	3000K	2430	135 lm/W					
		4000K	2610	145 lm/W					
		5000K	2520	140 lm/W					
KT-LED36PSHID-EX39-8CSB-D	36W	3000K	4860	135 lm/W	100-277V	EX39	Yes	>80	150W MH
		4000K	5220	145 lm/W					
		5000K	5040	140 lm/W					
	27W	3000K	3645	135 lm/W					
		4000K	3915	145 lm/W					
		5000K	3780	140 lm/W					
	18W	3000K	2430	135 lm/W					
		4000K	2610	145 lm/W					
		5000K	2520	140 lm/W					
KT-LED45PSHID-E26-8CSB-D	45W	3000K	6075	135 lm/W	100-277V	E26	N/A	>80	175W MH
		4000K	6525	145 lm/W					
		5000K	6300	140 lm/W					
	36W	3000K	4860	135 lm/W					
		4000K	5220	145 lm/W					
		5000K	5040	140 lm/W					
	27W	3000K	3645	135 lm/W					
		4000K	3915	145 lm/W					
		5000K	3780	140 lm/W					

Chart continues on next page

Corn Cob

Chart continued from previous page

Power and Color Select

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	METAL HALIDE EQUIVALENT
KT-LED45PSHID-EX39-8CSB-D	45W	3000K	6075	135 lm/W	100-277V	EX39	Yes	>80	175W MH
		4000K	6525	145 lm/W					
		5000K	6300	140 lm/W					
	36W	3000K	4860	135 lm/W					
		4000K	5220	145 lm/W					
		5000K	5040	140 lm/W					
	27W	3000K	3645	135 lm/W					
		4000K	3915	145 lm/W					
		5000K	3780	140 lm/W					
KT-LED54PSHID-EX39-8CSB-D	54W	3000K	7290	135 lm/W	100-277V	EX39	Yes	>80	200W MH
		4000K	7830	145 lm/W					
		5000K	7560	140 lm/W					
	45W	3000K	6075	135 lm/W					
		4000K	6525	145 lm/W					
		5000K	6300	140 lm/W					
	36W	3000K	4860	135 lm/W					
		4000K	5220	145 lm/W					
		5000K	5040	140 lm/W					
KT-LED63PSHID-EX39-8CSB-D	63W	3000K	8505	135 lm/W	100-277V	EX39	Yes	>80	250W MH
		4000K	9135	145 lm/W					
		5000K	8820	140 lm/W					
	54W	3000K	7290	135 lm/W					
		4000K	7830	145 lm/W					
		5000K	7560	140 lm/W					
	45W	3000K	6075	135 lm/W					
		4000K	6525	145 lm/W					
		5000K	6300	140 lm/W					
KT-LED80PSHID-EX39-8CSB-D	80W	3000K	10800	135 lm/W	100-277V	EX39	Yes	>80	320W MH
		4000K	11600	145 lm/W					
		5000K	11200	140 lm/W					
	63W	3000K	8505	135 lm/W					
		4000K	9135	145 lm/W					
		5000K	8820	140 lm/W					
	54W	3000K	7290	135 lm/W					
		4000K	7830	145 lm/W					
		5000K	7560	140 lm/W					
KT-LED100PSHID-EX39-8CSB-D	100W	3000K	13500	135 lm/W	100-277V	EX39	Yes	>80	400W MH
		4000K	14500	145 lm/W					
		5000K	14000	140 lm/W					
	80W	3000K	10800	135 lm/W					
		4000K	11600	145 lm/W					
		5000K	11200	140 lm/W					
	63W	3000K	8505	135 lm/W					
		4000K	9135	145 lm/W					
		5000K	8820	140 lm/W					

Corn Cob

Power Select

CATALOG NUMBER	SELECTABLE WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	AVAILABLE CCT	METAL HALIDE EQUIVALENT
KT-LED12PSHID-E26-8xx-D /G4	12W	1740	145 lm/W	100-277V	E26	N/A	>80	3000K, 4000K, or 5000K	50W MH
	9W	1305	145 lm/W						
	6W	870	145 lm/W						
KT-LED18PSHID-E26-8xx-D /G4	18W	2610	145 lm/W	100-277V	E26	N/A	>80	3000K, 4000K, or 5000K	70W MH
	12W	1740	145 lm/W						
	9W	1305	145 lm/W						
KT-LED22PSHID-E26-8xx-D /G4	22W	3190	145 lm/W	100-277V	E26	N/A	>80	3000K, 4000K, or 5000K	70W-100W MH
	18W	2610	145 lm/W						
	12W	1740	145 lm/W						
KT-LED27PSHID-E26-8xx-D /G4	27W	3915	145 lm/W	100-277V	E26	N/A	>80	3000K, 4000K, or 5000K	100W MH
	22W	3190	145 lm/W						
	18W	2610	145 lm/W						
KT-LED27PSHID-EX39-8xx-D /G4	27W	3915	145 lm/W	100-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	100W MH
	22W	3190	145 lm/W						
	18W	2610	145 lm/W						
KT-LED36PSHID-E26-8xx-D /G4	36W	5220	145 lm/W	100-277V	E26	N/A	>80	3000K, 4000K, or 5000K	150W MH
	27W	3915	145 lm/W						
	18W	2610	145 lm/W						
KT-LED36PSHID-EX39-8xx-D /G4	36W	5220	145 lm/W	100-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	150W MH
	27W	3915	145 lm/W						
	18W	2610	145 lm/W						
KT-LED45PSHID-E26-8xx-D /G4	45W	6525	145 lm/W	100-277V	E26	N/A	>80	3000K, 4000K, or 5000K	175W MH
	36W	5220	145 lm/W						
	27W	3915	145 lm/W						
KT-LED45PSHID-EX39-8xx-D /G4	45W	6525	145 lm/W	100-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	175W MH
	36W	5220	145 lm/W						
	27W	3915	145 lm/W						
KT-LED54PSHID-EX39-8xx-D /G4	54W	7830	145 lm/W	100-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	200W MH
	45W	6525	145 lm/W						
	36W	5220	145 lm/W						
KT-LED63PSHID-EX39-8xx-D /G4	63W	9135	145 lm/W	100-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	250W MH
	54W	7830	145 lm/W						
	45W	6525	145 lm/W						
KT-LED80PSHID-EX39-8xx-D /G4	80W	11600	145 lm/W	100-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	320W MH
	63W	9135	145 lm/W						
	54W	7830	145 lm/W						
KT-LED100PSHID-EX39-8xx-D /G4	100W	14500	145 lm/W	100-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	400W MH
	80W	11600	145 lm/W						
	63W	9135	145 lm/W						

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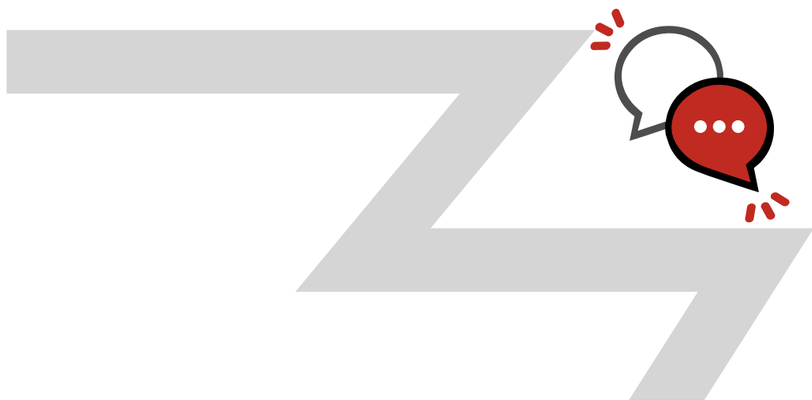
Corn Cob

Sensors

CATALOG NUMBER	DESCRIPTION	
KTS-MW1-12V-AUX	SmartPort LED microwave occupancy sensor	
KTS-PIR1-12V-AUX	SmartPort LED PIR occupancy / daylight sensor	
KTS-PS1-12V-AUX	SmartPort LED photocell daylight sensor	

Not for use with /G4 lamps.



You want to see our products, try our products, test our products.

So we offer free samples. All you have to do is ask.

[That's right. Free Samples]

A-Shape - Dimmable



Ballast Bypass

Features & Benefits

- Redesigned LED lamp solution for both commercial retrofit and new construction applications
- Includes dimming on all models
- Reduces energy costs by 75% vs. legacy lamps
- Heavy-duty heat sink for optimal heat dissipation
- UL Certified
- DLC (EX39 base) listed options
- 5-year warranty

UL CERTIFIED · DLC LISTED · RoHS Compliant · 25,000 HOUR RATED LIFE · 5 YEAR WARRANTY

Typical Applications

POST TOP · BOLLARD · SWAN FIXTURES

LED HID Replacement Lamps | **COMMERCIAL GRADE**

A-Shape - Dimmable

Commercial A21 | Dedicated — **PERFORMANCE SERIES**

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DIMMABLE	DISTRIBUTION	DLC	CRI	AVAILABLE CCT
KT-LED14A21-O-E26-8xx-DIM /G2	14W	1760	126 lm/W	120-277V	E26	Yes	340°	N/A	>80	2700K, 3000K, 4000K, or 5000K
KT-LED20A21-O-E26-8xx-DIM /G2	20W	2600	130 lm/W	120-277V	E26	Yes	340°	N/A	>80	2700K, 3000K, 4000K, or 5000K

Commercial A23/PS25 | Dedicated — **PERFORMANCE SERIES**

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DIMMABLE	DISTRIBUTION	DLC	CRI	AVAILABLE CCT
KT-LED25A23-O-E26-8xx-DIM /G2	24W	3200	133 lm/W	120-277V	E26	Yes	330°	N/A	>80	3000K, 4000K, or 5000K
KT-LED25A23-O-EX39-8xx-DIM /G2	24W	3200	133 lm/W	120-277V	EX39	Yes	330°	Yes	>80	3000K, 4000K, or 5000K

Commercial A25/PS30 | Dedicated — **PERFORMANCE SERIES**

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DIMMABLE	DISTRIBUTION	DLC	CRI	AVAILABLE CCT
KT-LED35A25-O-E26-8xx-DIM /G2	36W	5000	139 lm/W	120-277V	E26	Yes	330°	N/A	>80	3000K, 4000K, or 5000K
KT-LED35A25-O-EX39-8xx-DIM /G2	36W	5000	139 lm/W	120-277V	EX39	Yes	330°	Yes	>80	3000K, 4000K, or 5000K

PAR



Ballast Bypass

POWER SELECT

Features & Benefits

- Up to 75% energy savings compared to legacy equivalents
- Can be used in base-up or base-down position
- Rated for open and recessed fixtures
- Large metal heat sink for optimal heat dissipation
- THD: < 20%; power factor: > 0.90
- Universal input voltage (120-277V)
- Operating temperature range −4ºF/−20ºC to 113ºF/45ºC
- Ideal for recessed corridor and high-power flood lighting
- Suitable for dry and damp locations
- UL 1598C and 1993 Certified

UL CERTIFIED | RoHS Compliant | 25,000 HOUR LIFETIME | 5 YEAR WARRANTY

Typical Applications

RECESSED DOWNLIGHTS | FLOOD & SPOT LIGHTING | SWAN FIXTURES

PAR

Power Select — PERFORMANCE SERIES

CATALOG NUMBER	SELECTABLE WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DIMMABLE	DISTRIBUTION	DLC	CRI	AVAILABLE CCT
KT-LED33PSPAR38-F-8xx	33W	4120	125 lm/W	120-277V	E26	No	40°	N/A	>80	3000K, 4000K, or 5000K
	25W	3350	134 lm/W							
	18W	2550	142 lm/W							

Dedicated — PERFORMANCE SERIES

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DIMMABLE	DISTRIBUTION	DLC	CRI	AVAILABLE CCT
KT-LED18PAR38-F-8xx	18W	2100	114 lm/W	120-277V	E26	No	40°	N/A	>80	3000K, 4000K, or 5000K
KT-LED18PAR38-NF-8xx	18W	2100	114 lm/W	120-277V	E26	No	25°	N/A	>80	3000K, 4000K or 5000K

Horizontal





Ballast Bypass

POWER SELECT

COLOR SELECT

Features & Benefits

- Ideal way to upgrade existing metal halide HID fixtures to LED
- Available with Keystone Power Select and Color Select technology
- 180° light output and rotatable base optimized for horizontal applications such as shoeboxes and wall packs
- Eliminates the need for legacy ballasts
- Instant startup
- UL Certified and DLC Listed

UL CERTIFIED · DLC LISTED · RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY

Typical Applications



LED HID Replacement Lamps | **DIRECTIONAL**

Horizontal

DIRECT DRIVE HID LED

Power and Color Select

CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	METAL HALIDE EQUIVALENT
KT-LED27PSHID-H-E26-8CSB-D	27W	3000K	3995	148 lm/W	120-277V	E26	N/A	>80	100W MH
		4000K	4240	157 lm/W					
		5000K	4075	151 lm/W					
	18W	3000K	2770	154 lm/W					
		4000K	2880	160 lm/W					
		5000K	2810	156 lm/W					
	12W	3000K	1870	156 lm/W					
		4000K	1945	162 lm/W					
		5000K	1895	158 lm/W					
KT-LED27PSHID-H-EX39-8CSB-D	27W	3000K	3995	148 lm/W	120-277V	EX39	Yes	>80	100W MH
		4000K	4240	157 lm/W					
		5000K	4075	151 lm/W					
	18W	3000K	2770	154 lm/W					
		4000K	2880	160 lm/W					
		5000K	2810	156 lm/W					
	12W	3000K	1870	156 lm/W					
		4000K	1945	162 lm/W					
		5000K	1895	158 lm/W					
KT-LED45PSHID-H-E26-8CSB-D	45W	3000K	6525	145 lm/W	120-277V	E26	N/A	>80	175W MH
		4000K	6975	155 lm/W					
		5000K	6615	147 lm/W					
	36W	3000K	5510	153 lm/W					
		4000K	5725	159 lm/W					
		5000K	5580	155 lm/W					
	27W	3000K	4185	155 lm/W					
		4000K	4345	161 lm/W					
		5000K	4240	157 lm/W					
KT-LED45PSHID-H-EX39-8CSB-D	45W	3000K	6525	145 lm/W	120-277V	EX39	Yes	>80	175W MH
		4000K	6975	155 lm/W					
		5000K	6615	147 lm/W					
	36W	3000K	5510	153 lm/W					
		4000K	5725	159 lm/W					
		5000K	5580	155 lm/W					
	27W	3000K	4185	155 lm/W					
		4000K	4345	161 lm/W					
		5000K	4240	157 lm/W					
KT-LED63PSHID-H-EX39-8CSB-D	63W	3000K	8945	142 lm/W	120-277V	EX39	Yes	>80	250W MH
		4000K	9575	152 lm/W					
		5000K	9135	145 lm/W					
	54W	3000K	7720	143 lm/W					
		4000K	8045	149 lm/W					
		5000K	7830	145 lm/W					
	45W	3000K	6750	150 lm/W					
		4000K	7020	156 lm/W					
		5000K	6840	152 lm/W					
KT-LED80PSHID-H-EX39-8CSB-D	80W	3000K	10800	135 lm/W	120-277V	EX39	Yes	>80	320W MH
		4000K	11600	145 lm/W					
		5000K	11200	140 lm/W					
	63W	3000K	8630	137 lm/W					
		4000K	9260	147 lm/W					
		5000K	8945	142 lm/W					
	54W	3000K	7505	139 lm/W					
		4000K	8045	149 lm/W					
		5000K	7775	144 lm/W					
KT-LED110PSHID-H-EX39-8CSB-D	110W	3000K	14850	135 lm/W	120-277V	EX39	Yes	>80	400W MH
		4000K	15950	145 lm/W					
		5000K	15400	140 lm/W					
	95W	3000K	13015	137 lm/W					
		4000K	13965	147 lm/W					
		5000K	13490	142 lm/W					
	75W	3000K	10425	139 lm/W					
		4000K	11175	149 lm/W					
		5000K	10800	144 lm/W					

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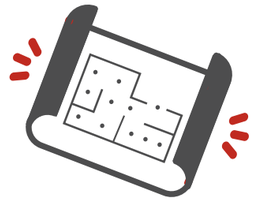
Horizontal

Sensors

CATALOG NUMBER	DESCRIPTION	
KTS-MW1-12V-AUX	SmartPort LED microwave occupancy sensor	
KTS-PIR1-12V-AUX	SmartPort LED PIR occupancy / daylight sensor	
KTS-PS1-12V-AUX	SmartPort LED photocell daylight sensor	

Keystone offers complimentary lighting layout services for our products. Fill out the form, request a layout, we'll get to work.

[Detailed Lighting Designs]



Multi-Directional



Ballast Bypass

Features & Benefits

- Multi-directional LED light source offers flexibility to optimize light output based on application demands
- Cost-efficient replacement for legacy metal halide lamps
- SmartPort compatible
- Eliminates the need for legacy ballasts
- Instant startup
- UL Certified and DLC Listed

UL CERTIFIED · DLC LISTED · RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY

Typical Applications

LOW BAY/HIGH BAY · POST TOP · SHOEBOX

Multi-Directional

Dedicated

OMNIFLEX

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	AVAILABLE CCT	METAL HALIDE EQUIVALENT
KT-LED70HID-ADJ-EX39-8xx-D	70W	10500	150 lm/W	120-277V	EX39	Yes	>80	3000K, 4000K, or 5000K	250W MH
KT-LED100HID-ADJ-EX39-8xx-D	100W	14000	140 lm/W	120-277V	EX39	Yes	>80	4000K or 5000K	400W MH

Sensors

CATALOG NUMBER	DESCRIPTION	
KTS-MW1-12V-AUX	SmartPort LED microwave occupancy sensor	
KTS-PIR1-12V-AUX	SmartPort LED PIR occupancy / daylight sensor	
KTS-PS1-12V-AUX	SmartPort LED photocell daylight sensor	

Vertical





Ballast Bypass

POWER SELECT

COLOR SELECT

Features & Benefits

- Ideal way to upgrade existing metal halide HID fixtures to LED
- Available with Keystone Power Select and Color Select technology
- 180° light output optimized for vertical applications
- Cost-efficient replacement for legacy metal halide lamps
- Compatible with SmartPort sensors
- Eliminates the need for legacy ballasts
- Instant startup
- UL Certified and DLC Listed

UL CERTIFIED · DLC LISTED · RoHS Compliant · 50,000 HOUR LIFETIME · 5 YEAR WARRANTY

Typical Applications



LOW BAY/HIGH BAY

Vertical

DirectDrive HID LED

Power and Color Select

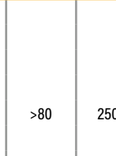
CATALOG NUMBER	SELECTABLE WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	METAL HALIDE EQUIVALENT
KT-LED80PSHID-V-EX39-8CSB-D	80W	3000K	10560	132 lm/W	120-277V	EX39	Yes	>80	250W MH
		4000K	11700	146 lm/W					
		5000K	11400	143 lm/W					
	70W	3000K	9590	137 lm/W					
		4000K	10250	146 lm/W					
		5000K	10150	145 lm/W					
	60W	3000K	8340	139 lm/W					
		4000K	8780	146 lm/W					
		5000K	8820	147 lm/W					
KT-LED115PSHID-V-EX39-8CSB-D	115W	3000K	15180	132 lm/W	120-277V	EX39	Yes	>80	400W MH
		4000K	17140	149 lm/W					
		5000K	16560	144 lm/W					
	95W	3000K	13205	139 lm/W					
		4000K	14350	151 lm/W					
		5000K	13965	147 lm/W					
	80W	3000K	11360	142 lm/W					
		4000K	12170	152 lm/W					
		5000K	12160	152 lm/W					

DirectDrive HID LED

Dedicated

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	DLC	CRI	AVAILABLE CCT	METAL HALIDE EQUIVALENT
KT-LED60HID-V-E26-8xx-D	60W	7850	131 lm/W	120-277V	E26	N/A	>80	4000K or 5000K	200W MH
KT-LED80HID-V-E26-8xx-D /G2	80W	10500	131 lm/W	120-277V	E26	N/A	>80	4000K or 5000K	250W MH

Sensors for Power and Color Select Models

CATALOG NUMBER	DESCRIPTION	
KTS-MW3-12V-PKO	Screw-in microwave sensor, preset for 10 min hold time, infinite standby time at 50% dim, daylight disabled	
KTS-MW3-12V-PKO /A	Screw-in microwave sensor, preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled	
KTS-MW3-12V-PKO /B	Screw-in microwave sensor, preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled	
KTSL-FC3-12V-PKO-PIR	Bluetooth mesh screw-in PIR occupancy sensor with built-in fixture controller for SmartLoop system	
KTSL-FC4-12V-PKO	Bluetooth mesh screw-in fixture controller for SmartLoop system	

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Accessories

CATALOG NUMBER	DESCRIPTION	
KTSP-10KV	External surge protector, input voltage: 120-277V, maximum peak current: 10kV, IP65 Rated	
KT-ADAPTER-E39-E26	Socket base adapter allowing an E26 base lamp to be used in an E39 socket	
KTAT-150-480-277-OC	480V to 277V step-down auto-transformer, open core	
KTAT-250-480-277 /A	480V to 277V step-down auto-transformer	



Keystone has been family-owned and family-run since our founding in 1945.

[Three Generations of Leadership]

A-Shape







COLOR SELECT

Features & Benefits

- Smooth diffused lens for comfortable, glare-free performance
- Available with Keystone Color Select technology
- Durable plastic housing lowers the risk of breakage
- Most rated for use in enclosed fixtures

UL LISTED · RoHS Compliant · 15,000/25,000 HR RATED LIFE · 2 YEAR WARRANTY · DIMMABLE

Typical Applications



TABLE, DESK, & FLOOR LAMPS



WALL SCONCES



SURFACE MOUNT CEILING FIXTURES



PENDANT LIGHTS



GENERAL LIGHTING

A-Shape

A19 | Color Select

ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	SELECTABLE CCT	EQUIV. LEGACY WATTAGE	LUMENS	CRI	DIMMING	RATED LIFE (HOURS)	ADDITIONAL APPROVALS	
										JA8 T24*	CEC T20
KT-LED5.5A19-O-8CSF-ND /G4	E26	120V	5.5W	2700K 3000K 3500K 4000K 5000K	40W	450	≥80	No	15,000	No	No
KT-LED5.5A19-O-8CSF /G4	E26	120V	5.5W	2700K 3000K 3500K 4000K 5000K	40W	450	≥80	Yes	15,000	No	No
KT-LED5A19-O-9CSF /G4	E26	120V	5W	2700K 3000K 3500K 4000K 5000K	40W	450	≥80	Yes	15,000	Yes	Yes
KT-LED9A19-O-8CSF-ND /G4	E26	120V	9W	2700K 3000K 3500K 4000K 5000K	60W	800	≥80	No	15,000	No	No
KT-LED9A19-O-8CSF /G4	E26	120V	9W	2700K 3000K 3500K 4000K 5000K	60W	800	≥80	Yes	15,000	No	No
KT-LED9A19-O-9CSF /G4	E26	120V	9W	2700K 3000K 3500K 4000K 5000K	60W	800	≥80	Yes	15,000	Yes	Yes
KT-LED9A19-O-8CSF-GU24 /G4	GU24	120V	9W	2700K 3000K 3500K 4000K 5000K	60W	800	≥80	Yes	15,000	No	No
KT-LED12A19-O-8CSF /G4	E26	120V	12W	2700K 3000K 3500K 4000K 5000K	75W	1100	≥80	Yes	15,000	No	No
KT-LED12A19-O-9CSF /G4	E26	120V	12W	2700K 3000K 3500K 4000K 5000K	75W	1100	≥80	Yes	15,000	Yes	Yes
KT-LED14A19-O-8CSF-ND /G4	E26	120V	14W	2700K 3000K 3500K 4000K 5000K	100W	1600	≥80	No	15,000	No	No
KT-LED14A19-O-8CSF /G4	E26	120V	14W	2700K 3000K 3500K 4000K 5000K	100W	1600	≥80	Yes	15,000	No	No
KT-LED14A19-O-9CSF /G4	E26	120V	14W	2700K 3000K 3500K 4000K 5000K	100W	1600	≥80	Yes	15,000	Yes	Yes

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General Purpose LED Bulbs

A-Shape

A19 and A21 Dimmable | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
								JA8 T24*	CEC T20	
KT-LED6A19-O-8xx /G3	E26	120V	5.5W	40W	450	≥80	15,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED9.5A19-O-8xx /G3	E26	120V	9W	60W	800	≥80	15,000	No	No	2700K, 3000K, 3500K, 4000K, or 5000K
KT-LED11A19-O-8xx /G2	E26	120V	11W	75W	1100	≥80	15,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED13A19-O-8xx /G2	E26	120V	13W	100W	1600	≥80	25,000	No	No	2700K, 3000K, 3500K, 4000K, or 5000K

90 CRI A19 and A21 | Dimmable | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
								JA8 T24*	CEC T20	
KT-LED6A19-O-9xx	E26	120V	6W	40W	450	≥90	15,000	Yes	Yes	2700K, 3000K, or 5000K
KT-LED9A19-O-9xx /G2	E26	120V	9W	60W	800	≥90	25,000	No	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED16A21-O-9xx	E26	120V	16W	100W	1600	≥90	15,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K

A19 and A21 | Non Dimmable | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
								JA8 T24*	CEC T20	
KT-LED6A19-O-8xx-ND	E26	120V	6W	40W	480	≥80	15,000	No	No	2700K, 3000K, or 5000K
KT-LED9A19-O-8xx-UV	E26	120-277V	9W	60W	840	≥80	25,000	No	No	2700K, 3000K, 3500K, or 5000K
KT-LED9A19-O-8xx-UV /G2	E26	120-277V	9W	60W	800	≥80	15,000	No	No	2700K, 3000K, 3500K, 4000K, or 5000K
KT-LED9A19-O-8xx-ND /G2	E26	120V	9W	60W	800	≥80	15,000	No	No	2700K, 3000K, 3500K, 4000K, or 5000K
KT-LED16A21-O-8xx-3W	E26	120V	5.5W/8W/16W	40W/60W/100W	450/800/1600	≥80	15,000	No	No	2700K, 3000K, or 5000K

A19 Non Dimmable | Contractor Prime | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
								JA8 T24*	CEC T20	
KT-LED9A19-O-8xx-ND-CS /G2	E26	120V	9W	60W	800	≥80	11,000	No	No	2700K, 3000K, 3500K, 4000K, or 5000K
KT-LED14A19-O-8xx-ND-CS /G2	E26	120V	15W	100W	1600	≥80	11,000	No	No	2700K, 3000K, 3500K, 4000K, or 5000K

*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.



At Keystone, the customer always comes first.

We're determined to go above and beyond for you.

[Your Trusted Partner]

BR



COLOR SELECT

Features & Benefits

- Smooth diffused lens for comfortable, glare-free performance
- Durable plastic housing lowers the risk of breakage
- Rated for use in enclosed fixtures
- Suitable for damp locations

UL LISTED · RoHS Compliant · 15,000/25,000 HR RATED LIFE · 3 YEAR WARRANTY · DIMMABLE

Typical Applications



BR

BR30 | Color Select — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	SELECTABLE CCT	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS	
										JA8 T24*	CEC T20
KT-LED8BR30-8CSF /G4	E26	120V	8W	2700K 3000K 3500K 4000K 5000K	65W	650	≥80	Yes	25,000	No	No
KT-LED7.5BR30-9CSF /G4	E26	120V	7.5W	2700K 3000K 3500K 4000K 5000K	65W	650	≥90	Yes	25,000	Yes	Yes
KT-LED9BR30-8CSF	E26	120V	9W	2700K 3000K 3500K 4000K 5000K	65W	800	≥80	100°	15,000	No	No

BR30 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED8BR30-9xx	E26	120V	8W	65W	700	≥90	100°	25,000	Yes	Yes	2700K, 3000K, 4000K or 5000K

R20 | Color Select — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	SELECTABLE CCT	EQUIV. LEGACY WATTAGE	LUMENS	CRI	DIMMING	RATED LIFE (HOURS)	ADDITIONAL APPROVALS	
										JA8 T24*	CEC T20
KT-LED7R20-8CSF /G4	E26	120V	7W	2700K 3000K 3500K 4000K 5000K	50W	550	≥80	Yes	25,000	No	No
KT-LED6R20-9CSF /G4	E26	120V	6W	2700K 3000K 3500K 4000K 5000K	50W	550	≥90	Yes	25,000	Yes	Yes

R20 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED7.5R20-8xx	E26	120V	7.5W	50W	525	≥80	120°	15,000	No	No	2700K, 3000K, 3500K, 4000K or 5000K

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BR

BR40 | Color Select

ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	SELECTABLE CCT	EQUIV. LEGACY WATTAGE	LUMENS	CRI	DIMMING	RATED LIFE (HOURS)	ADDITIONAL APPROVALS	
										JA8 T24*	CEC T20
KT-LED13BR40-8CSF /G4	E26	120V	13W	2700K 3000K 3500K 4000K 5000K	80W	1050	≥80	Yes	25,000	No	No
KT-LED12BR40-9CSF /G4	E26	120V	12W	2700K 3000K 3500K 4000K 5000K	85W	1080	≥90	Yes	25,000	Yes	Yes

BR40 | Dedicated

ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED11.5BR40-8xx /G3	E26	120V	11.5W	75W	940	>80	110°	15,000	No	No	2700K, 3000K, 4000K or 5000K
KT-LED15BR40-8xx /G3	E26	120V	15W	90W	1400	>80	110°	15,000	No	No	2700K, 3000K, 4000K or 5000K

BR40 | Dedicated HCRI

ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED13BR40-9xx	E26	120V	13W	85W	1100	≥90	110°	25,000	No	Yes	2700K, 3000K, 4000K or 5000K

*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.



Whatever technology you need—whether it's lamps, drivers, retrofit kits, or any other lighting product—you can count on Keystone.

[A One-Stop Shop]

PAR

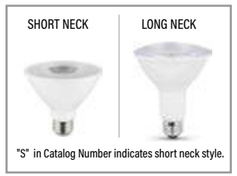


COLOR SELECT

Features & Benefits

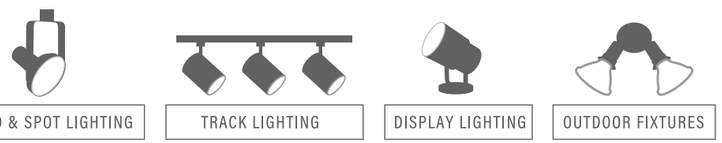
- Precision-crafted full-face optics for precise beam angle control
- Available with Keystone Color Select technology
- Durable plastic housing lowers the risk of breakage
- Rated for use in enclosed fixtures
- Rated for use in wet locations

UL LISTED · RoHS Compliant · 15,000/25,000 HR RATED LIFE · 2 YEAR WARRANTY · DIMMABLE



"S" in Catalog Number indicates short neck style.

Typical Applications



PAR

PAR20 | Color Select — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	SELECTABLE CCT	EQUIV. LEGACY WATTAGE	LUMENS	CRI	DIMMING	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		BEAM ANGLE	NECK STYLE
										JA8 T24*	CEC T20		
KT-LED6.5PAR20-F-8CSF /G4	E26	120V	6.5W	2700K 3000K 3500K 4000K 5000K	50W	500	≥80	Yes	15,000	No	No	40°	Long
KT-LED5.5PAR20-F-9CSF /G4	E26	120V	5.5W	2700K 3000K 3500K 4000K 5000K	50W	500	≥90	Yes	15,000	Yes	Yes	40°	Long

PAR30 | Color Select — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	SELECTABLE CCT	EQUIV. LEGACY WATTAGE	LUMENS	CRI	DIMMING	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		BEAM ANGLE	NECK STYLE
										JA8 T24*	CEC T20		
KT-LED11PAR30-F-8CSF /G4	E26	120V	11W	2700K 3000K 3500K 4000K 5000K	75W	850	≥80	Yes	15,000	No	No	40°	Long
KT-LED11PAR30S-F-8CSF /G4	E26	120V	11W	2700K 3000K 3500K 4000K 5000K	75W	850	≥80	Yes	15,000	No	No	40°	Short
KT-LED10PAR30-F-9CSF /G4	E26	120V	10W	2700K 3000K 3500K 4000K 5000K	75W	850	≥90	Yes	15,000	Yes	Yes	40°	Long
KT-LED10PAR30-NF-9CSF /G4	GU24	120V	10W	2700K 3000K 3500K 4000K 5000K	75W	850	≥90	Yes	15,000	Yes	Yes	25°	Long
KT-LED10PAR30S-F-9CSF /G4	E26	120V	10W	2700K 3000K 3500K 4000K 5000K	75W	850	≥90	Yes	15,000	Yes	Yes	25°	Short
KT-LED10PAR30S-NF-9CSF /G4	E26	120V	10W	2700K 3000K 3500K 4000K 5000K	75W	850	≥90	Yes	15,000	Yes	Yes	25°	Short

Continued on next page

PAR

PAR30 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	NECK STYLE	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
										JA8 T24*	CEC T20	
KT-LED10PAR30S-NF-8xx	Short	E26	120V	10W	75W	950	≥80	25°	25,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED10PAR30-NF-8xx	Long	E26	120V	10W	75W	950	≥80	25°	25,000	No	No	2700K, 3000K, 4000K, or 5000K

PAR30 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	NECK STYLE	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
										JA8 T24*	CEC T20	
KT-LED9.5PAR30S-F-9xx	Short	E26	120V	9.5W	75W	850	≥90	40°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED9.5PAR30-F-9xx	Long	E26	120V	9.5W	75W	850	≥90	40°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED9.5PAR30S-NF-9xx	Short	E26	120V	9.5W	75W	850	≥90	25°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K

PAR38 | Color Select — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	SELECTABLE CCT	EQUIV. LEGACY WATTAGE	LUMENS	CRI	DIMMING	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		BEAM ANGLE	NECK STYLE
										JA8 T24*	CEC T20		
KT-LED15PAR38-F-8CSF /G4	E26	120V	15W	2700K 3000K 3500K 4000K 5000K	120W	1250	≥80	Yes	15,000	No	No	40°	Long
KT-LED15PAR38-F-9CSF /G4	E26	120V	15W	2700K 3000K 3500K 4000K 5000K	120W	1250	≥90	Yes	15,000	Yes	Yes	40°	Long
KT-LED15PAR38-NF-9CSF /G4	E26	120V	15W	2700K 3000K 3500K 4000K 5000K	120W	1250	≥90	Yes	15,000	Yes	Yes	40°	Long

PAR38 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED13PAR38-F-8xx /G2	E26	120V	12.5W	120W	1200	≥80	40°	25,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED13PAR38-NF-8xx /G2	E26	120V	12.5W	120W	1200	≥80	25°	25,000	No	No	2700K, 3000K, 4000K, or 5000K

PAR

PAR38 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED11.5PAR38-F-9xx /G2	E26	120V	11.5W	90W	1000	≥90	40°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED11.5PAR38-NF-9xx /G2	E26	120V	11.5W	90W	1000	≥90	25°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K

*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.

PAR16 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED6.5PAR16-S-8xx	E26	120V	6.5W	60W	500	≥80	40°	15,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED6.5PAR16-S-8xx /G2	E26	120V	6.5W	50W	500	≥80	40°	25,000	No	No	2700K, 3000K, 4000K, or 5000K

Spotlight

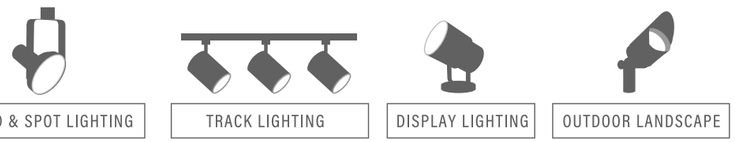


Features & Benefits

- Precision-crafted full-face optics for precise beam angle control
- Durable plastic housing lowers the risk of breakage
- Compatible with Keystone low voltage transformers (12V models only)
- Rated for use in enclosed fixtures

UL LISTED | RoHS Compliant | 15,000/25,000 HR RATED LIFE | 3 YEAR WARRANTY | DIMMABLE

Typical Applications



Spotlight

MR16 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED7MR16-S-8xx-GU10 /G4	GU10	120V	7W	50W	500	≥80	40°	25,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED7MR16-S-8xx /G4	GU5.3	12V	7W	50W	500	≥80	40°	25,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED6MR16-S-8xx /G2	GU5.3	12V	6.5W	35W	460	≥80	35°	15,000	No	No	2700K, 3000K, 4000K, or 5000K
KT-LED6.5MR16-S-8xx-GU10 /G2	GU10	120V	6.5W	50W	500	≥80	40°	25,000	No	No	2700K, 3000K, 4000K, or 5000K

MR16 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED7MR16-S-9xx /G4	GU5.3	12V	7W	50W	530	≥90	40°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED7MR16-NS-9xx	GU5.3	12V	7W	50W	500	≥90	25°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED7MR16-NS-9xx /G2	GU5.3	12V	6.5W	50W	500	≥90	25°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED7MR16-VNS-9xx /G2	GU5.3	12V	6.5W	50W	500	≥90	15°	25,000	Yes	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED7.5MR16-S-9xx	GU5.3	12V	7.5W	75W	570	≥90	35°	25,000	No	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED7.5MR16-S-9xx /G2	GU5.3	12V	7.5W	75W	570	≥90	35°	25,000	No	Yes	2700K, 3000K, 4000K, or 5000K
KT-LED7.5MR16-NS-9xx /G2	GU5.3	12V	7.5W	75W	570	≥90	25°	25,000	No	Yes	2700K, 3000K, 4000K, or 5000K

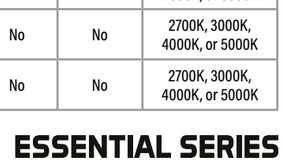
*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.

PAR16 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	BEAM ANGLE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED7PAR16-S-8xx/G4	E26	120V	7W	50W	500	≥80	40°	25,000	No	No	2700K, 3000K, 4000K, or 5000K

12V LED Electronic Transformer

CATALOG NUMBER	MAX. INPUT POWER	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMMABLE	APPROVALS
KTET-20-1-LED-FDIM	20W	120V	12Vac	Yes	



CATALOG NUMBER	MAX. INPUT POWER	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMMABLE	APPROVALS
KTET-20-277-LED	20W	277V	12Vac	No	



Check keystonetech.com for additional transformer options and detailed compatibility lists.

A-Shape Filament







Features & Benefits

- Filament-style LED construction offers traditional appearance for decorative and mood-sensitive applications
- Frosted and clear lens options available to suit a variety of aesthetic and design goals
- Rated for use in enclosed fixtures
- Most are suitable for damp and wet locations

UL LISTED · RoHS Compliant · 15,000 HOUR RATED LIFE · 3 YEAR WARRANTY · DIMMABLE

Typical Applications



A-Shape Filament

A19 Amber Filament | Dedicated

ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED5FA19-E26-822-A	E26	120V	5W	40W	450	≥80	Amber	15,000	No	No	2200K
KT-LED9FA19-E26-822-A	E26	120V	9W	60W	800	≥80	Amber	15,000	No	No	2200K

A19 Filament | Dedicated

ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED5FA19-E26-9xx-C	E26	120V	5W	40W	450	≥90	Clear	15,000	No	Yes	2700K, 3000K, or 5000K
KT-LED5FA19-E26-9xx-F	E26	120V	5W	40W	450	≥90	Frosted	15,000	No	Yes	2700K, 3000K, or 5000K
KT-LED8FA19-E26-9xx-C	E26	120V	8W	60W	800	≥90	Clear	15,000	Yes	Yes	2700K, 3000K, or 5000K
KT-LED8FA19-E26-9xx-F	E26	120V	8W	60W	800	≥90	Frosted	15,000	Yes	Yes	2700K, 3000K, or 5000K

*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.

Chandelier Filament



Features & Benefits

- Filament-style LED construction offers traditional appearance for decorative and mood-sensitive applications
- Amber and clear lens options available to suit a variety of aesthetic and design goals
- Rated for use in enclosed fixtures
- Most are suitable for damp and wet locations

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Typical Applications



CHANDELIERS | VANITY FIXTURES | DECORATIVE ACCENT LIGHTING | WALL SCONCES | PENDANT LIGHTS

Chandelier Filament

B11 Straight Tip Amber Chandelier | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED4FB11-E26-822-A	E26	120V	4W	40W	300	≥80	Amber	15,000	No	No	2200K
KT-LED4.5FB11-E12-822-A	E12	120V	4.5W	40W	300	≥80	Amber	15,000	No	No	2200K
KT-LED5.5FB11-E12-822-A	E12	120V	5.5W	60W	500	≥80	Amber	15,000	No	No	2200K
KT-LED5.5FB11-E26-822-A	E26	120V	5.5W	60W	500	≥80	Amber	15,000	No	No	2200K

B11 Straight Tip Chandelier | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED4.5FB11-E12-9xx-C	E12	120V	4.5W	40W	350	≥90	Clear	15,000	No	Yes	2700K or 3000K
KT-LED4FB11-E26-9xx-C	E26	120V	4W	40W	350	≥90	Clear	15,000	No	Yes	2700K or 3000K
KT-LED5.5FB11-E12-9xx-C	E12	120V	5.5W	60W	500	≥90	Clear	15,000	No	Yes	2700K or 3000K
KT-LED5.5FB11-E26-9xx-C	E26	120V	5.5W	60W	500	≥90	Clear	15,000	No	Yes	2700K or 3000K

CA11 Bent Tip Amber Chandelier | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED4.5FCA11-E12-822-A	E12	120V	4.5W	40W	300	>80	Amber	15000	No	No	2200K
KT-LED4.5FCA11-E26-822-A	E26	120V	4.5W	40W	300	≥80	Amber	15,000	No	No	2200K
KT-LED5.5FCA11-E12-822-A	E12	120V	5.5W	60W	500	≥80	Amber	15,000	No	No	2200K
KT-LED5.5FCA11-E26-822-A	E26	120V	5.5W	60W	500	≥80	Amber	15,000	No	No	2200K

CA11 Bent Tip Chandelier | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED4.5FCA11-E12-9xx-C	E12	120V	4.5W	40W	360	≥90	Clear	15,000	No	Yes	2700K or 3000K
KT-LED5.5FCA11-E12-9xx-C	E12	120V	5.5W	60W	500	≥90	Clear	15,000	No	Yes	2700K or 3000K
KT-LED4.5FCA11-E26-9xx-C	E26	120V	4.5W	40W	360	≥90	Clear	15,000	No	Yes	2700K or 3000K
KT-LED5.5FCA11-E26-9xx-C	E26	120V	5.5W	60W	500	≥90	Clear	15,000	No	Yes	2700K or 3000K

*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.

Edison Shape Filament



Features & Benefits

- Filament-style LED construction offers traditional appearance for decorative and mood-sensitive applications
- Rated for use in enclosed fixtures
- Suitable for damp and wet locations

UL LISTED · RoHS Compliant · 15,000 HOUR RATED LIFE · 3 YEAR WARRANTY · DIMMABLE

Typical Applications



General Purpose LED Bulbs | **DECORATIVE**

Edison Shape Filament

Edison Shape Amber LED Filament | Dedicated

ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED4.5FST19-E26-822-A	E26	120V	4.5W	40W	350	≥80	Amber	15,000	No	No	2200K

*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.

Globe Filament



Features & Benefits

- Filament-style LED construction offers traditional appearance for decorative and mood-sensitive applications
- Frosted and clear lens options available to suit a variety of aesthetic and design goals
- Rated for use in enclosed fixtures
- Most are suitable for damp and wet locations

UL LISTED · RoHS Compliant · 15,000 HOUR RATED LIFE · 3 YEAR WARRANTY · DIMMABLE

Typical Applications



Globe Filament

Small Amber Globe LED Filament | G16 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED4.5FG16-E12-822-A	E12	120V	4.5W	40W	350	≥80	Amber	15,000	No	No	2200K
KT-LED4.5FG16-E26-822-A	E26	120V	4.5W	40W	350	≥80	Amber	15,000	No	No	2200K

Small Globe LED Filament | G16 | Dedicated HCRI — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED4.5FG16-E12-9xx-C	E12	120V	4.5W	40W	350	≥90	Clear	15,000	No	Yes	2700K, 3000K, or 5000K
KT-LED4.5FG16-E26-9xx-C	E26	120V	4.5W	40W	360	≥90	Clear	15,000	No	Yes	2700K, 3000K, or 5000K

Amber Globe LED Filament | G25 | Dedicated — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED5.5FG25-E26-822-A	E26	120V	5.5W	60W	500	≥80	Amber	15,000	No	No	2200K

Globe LED Filament | G25 | Dedicated HCRI — ESSENTIAL SERIES

CATALOG NUMBER	BASE TYPE	INPUT VOLTAGE	WATTAGE	EQUIV. LEGACY WATTAGE	LUMENS	CRI	GLASS TYPE	RATED LIFE (HOURS)	ADDITIONAL APPROVALS		AVAILABLE CCT
									JA8 T24*	CEC T20	
KT-LED5.5FG25-E26-9xx-C	E26	120V	5.5W	60W	500	≥90	Clear	15,000	No	Yes	2700K, 3000K, or 5000K
KT-LED5.5FG25-E26-9xx-F	E26	120V	5.5W	60W	500	≥90	Frosted	15,000	No	Yes	2700K, 3000K, or 5000K

*CCT dependent. JA8 T24 certification is only available on 2700K, 3000K, 3500K & select 4000K models. Not available at all for 5000K models.

Directional



COLOR SELECT

Type A - Ballast Compatible

Features & Benefits

- Plug-and-play technology with Keystone SmartDrive lamps; LED lamps run on existing CFL ballast
- Available Keystone Color Select technology on select models
- Horizontal and vertical orientations allow for use in a wide variety of applications
- Compatible with most existing CFL ballasts
- Replaces conventional CFL 26W, 32W, and 42W G24q lamps

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Typical Applications



RECESSED DOWNLIGHTS

Directional

LED CFL Replacement Lamps | Color Select

SMARTDRIVE LED

CATALOG NUMBER	LAMP WATTAGE	SYSTEM WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	ORIENTATION	DLC	CRI
KT-LED94P-H-8CSE-S	9.5W	11W	3000K	960	101 lm/W	Ballast Dependent	G24q	Horizontal	Yes	>80
			3500K	1020	107 lm/W					
			4000K	1050	111 lm/W					
KT-LED94P-H-8CSI-S	9.5W	11W	2700K	920	97 lm/W	Ballast Dependent	G24q	Horizontal	Yes	>80
			4000K	1020	107 lm/W					
			5000K	1050	111 lm/W					
KT-LED94P-V-8CSE-S	9.5W	11W	3000K	1100	116 lm/W	Ballast Dependent	G24q	Vertical	Yes	>80
			3500K	1120	118 lm/W					
			4000K	1150	121 lm/W					
KT-LED94P-V-8CSI-S	9.5W	11W	2700K	1000	105 lm/W	Ballast Dependent	G24q	Vertical	Yes	>80
			4000K	1120	118 lm/W					
			5000K	1150	121 lm/W					

LED CFL Replacement Lamps | Dedicated

SMARTDRIVE LED

CATALOG NUMBER	LAMP WATTAGE	SYSTEM WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	ORIENTATION	DLC	CRI	AVAILABLE CCT
KT-LED94P-H-8xx-S	9W	11W	1050	117 lm/W	Ballast Dependent	G24q	Horizontal	Yes	>80	2700K, 3000K, 3500K, 4000K, or 5000K
KT-LED94P-V-8xx-S	9W	11W	1050	117 lm/W	Ballast Dependent	G24q	Vertical	Yes	>80	2700K, 3000K, 3500K, 4000K, or 5000K

Directional



COLOR SELECT

Ballast Bypass

Features & Benefits

- Available horizontal and vertical orientation types optimize light output when retrofitting existing CFL fixtures
- Bypasts the existing ballast with Keystone DirectDrive technology
- Reduces SKUs with Keystone Color Select technology
- Saves on energy costs by 50% vs. legacy lamps
- G24d 2-pin can be used in G24q 4-pin applications for ballast bypass
- UL Certified

UL CERTIFIED · c UL us · RoHS Compliant · 5 YEAR WARRANTY

Compact Pin Base Lamps | **TYPE B - LINE VOLTAGE**

Directional

LED CFL Replacement Lamps | Color Select

DIRECTDRIVE LED

CATALOG NUMBER	WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	ORIENTATION	DLC	CRI	LEGACY REPLACEMENT
KT-LED82P-H-8CSE-D	8.5W	3000K	960	113 lm/W	120-277V	G24d	Horizontal	N/A	>80	26W
		3500K	1020	120 lm/W						
		4000K	1050	124 lm/W						
KT-LED82P-H-8CSI-D	8.5W	2700K	920	108 lm/W	120-277V	G24d	Horizontal	N/A	>80	26W
		4000K	1050	124 lm/W						
		5000K	1050	124 lm/W						
KT-LED82P-V-8CSE-D	8.5W	3000K	1100	129 lm/W	120-277V	G24d	Vertical	N/A	>80	26W
		3500K	1120	132 lm/W						
		4000K	1150	135 lm/W						
KT-LED82P-V-8CSI-D	8.5W	2700K	1000	118 lm/W	120-277V	G24d	Vertical	N/A	>80	26W
		4000K	1150	135 lm/W						
		5000K	1150	135 lm/W						

LED CFL Replacement Lamps | Dedicated

DIRECTDRIVE LED

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	ORIENTATION	DLC	CRI	AVAILABLE CCT	LEGACY REPLACEMENT
KT-LED62P-HS-8xx-D	6W	550	92 lm/W	120-277V	Gx23	Horizontal Slim	N/A	>80	2700K or 4000K	13-18W
KT-LED62P-H-8xx-D	6W	550	92 lm/W	120-277V	Gx23	Horizontal	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	13-18W
KT-LED62P-H-8xx-D /G2	5.5W	600	109 lm/W	120-277V	Gx23	Horizontal	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	13-18W
KT-LED82P-H-8xx-D /G2	8W	1000	125 lm/W	120-277V	G24d	Horizontal	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	26W
KT-LED162P-H-8xx-D	16W	1900	119 lm/W	120-277V	G24d	Horizontal	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	42W
KT-LED82P-EV-8xx-D	8W	950	119 lm/W	120-277V	G24d	Extended Vertical	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	26W
KT-LED82P-V-8xx-D	8W	950	119 lm/W	120-277V	G24d	Vertical	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	26W
KT-LED82P-V-8xx-D /G2	8W	1050	131 lm/W	120-277V	G24d	Vertical	N/A	>80	3500K, 4000K, 5000K	26W
KT-LED162P-V-8xx-D	16W	2000	125 lm/W	120-277V	G24d	Vertical	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	42W

LED PLL CFL Replacement Lamps | Dedicated

DIRECTDRIVE LED

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	ORIENTATION	DLC	CRI	AVAILABLE CCT	LEGACY REPLACEMENT
KT-LED8PLL-9GC-8xx-D	8.5W	980	115 lm/W	120-277V	2G11	Horizontal	N/A	>80	3000K, 3500K, 4000K, or 5000K	18W
KT-LED10PLL-12GC-8xx-D	10W	1250	125 lm/W	120-277V	2G11	Horizontal	N/A	>80	3000K, 3500K, 4000K, or 5000K	24W
KT-LED16PLL-16GC-8xx-D	16W	2000	125 lm/W	120-277V	2G11	Horizontal	N/A	>80	3000K, 3500K, 4000K, or 5000K	36W
KT-LED17PLL-22GC-8xx-D /G2	17W	2200	129 lm/W	120-277V	2G11	Horizontal	Yes	>80	3000K, 3500K, 4000K, or 5000K	40W

Continued on next page

Directional

LED PLL CFL Replacement Lamps | Color Select

DIRECTDRIVE LED

CATALOG NUMBER	WATTAGE	SELECTABLE CCT	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	ORIENTATION	DLC	CRI	LEGACY REPLACEMENT
KT-LED8PLL-9GC-8CSJ-D	8.5W	3000K	930	109 lm/W	120-277V	2G11	Horizontal	N/A	>80	18W
		3500K	950	112 lm/W						
		4000K	980	115 lm/W						
		5000K	980	115 lm/W						
		6500K	980	115 lm/W						
KT-LED10PLL-12GC-8CSJ-D	10W	3000K	1180	118 lm/W	120-277V	2G11	Horizontal	N/A	>80	24W
		3500K	1200	120 lm/W						
		4000K	1250	125 lm/W						
		5000K	1250	125 lm/W						
		6500K	1250	125 lm/W						
KT-LED16PLL-16GC-8CSJ-D	16W	3000K	1900	119 lm/W	120-277V	2G11	Horizontal	N/A	>80	36W
		3500K	1950	122 lm/W						
		4000K	2000	125 lm/W						
		5000K	2000	125 lm/W						
		6500K	2000	125 lm/W						
KT-LED17PLL-22GC-8CSJ-D	17W	3000K	2050	121 lm/W	120-277V	2G11	Horizontal	Yes	>80	40W
		3500K	2150	126 lm/W						
		4000K	2200	129 lm/W						
		5000K	2200	129 lm/W						
		6500K	2200	129 lm/W						



Spec sheets, rebate forms, compatibility lists, how-to videos, and instructional guides are online and at your fingertips.

[Information & Education]

Omni-Directional



Ballast Bypass

Features & Benefits

- Omni-directional light output offers ultimate flexibility for use in all applications, regardless of existing lamp orientation
- Bypasts the existing ballast with Keystone DirectDrive technology
- Saves on energy costs by 50% vs legacy lamps
- G24d 2-pin can be used in G24q 4-pin applications for ballast bypass
- UL 1598C and 1993 Certified

CERTIFIED 5 YEAR WARRANTY

Compact Pin Base Lamps | **TYPE B - LINE VOLTAGE**

Omni-Directional

LED CFL Replacement Lamps | Omni-Directional | Dedicated DIRECTDRIVE LED

CATALOG NUMBER	WATTAGE	LUMENS	EFFICACY	INPUT VOLTAGE	BASE	ORIENTATION	DLC	CRI	AVAILABLE CCT	LEGACY REPLACEMENT
KT-LED62P-O-8xx-D	6W	600	100 lm/W	120-277V	Gx23	Omnidirectional	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	13-18W
KT-LED82P-O-8xx-D	8W	800	100 lm/W	120-277V	G24d	Omnidirectional	N/A	>80	2700K, 3000K, 3500K, 4000K, or 5000K	26W

T5, T8, T12, Circline



Features & Benefits

- Low mercury content
- TCLP compliant, ROHS compliant
- 3-year system warranty (with Keystone ballasts) / 2-year standard warranty

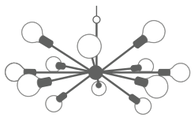
3 YEAR FLUORESCENT SYSTEM WARRANTY

CEE QUALIFIED

Typical Applications



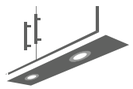
SWAN FIXTURES



DECORATIVE ACCENT LIGHTING



GENERAL LIGHTING



UNDERCABINET LIGHTING

T5, T8, T12, Circline

High Performance T8 Linear | Medium Bi-Pin | G13 Base | Dedicated

CATALOG NUMBER	NOMINAL WATTAGE	NOMINAL LENGTH	AVAILABLE CCT	CRI	INITIAL LUMENS	MEAN LUMENS	RATED AVERAGE LIFE		LUMEN MAINTENANCE
							3-HR/START	12-HR/START	
KTL-F17T8-8xx-HP	17W	24"	3500K, 4100K or 5000K	85	1380	1300	30,000 Hours	36,000 Hours	94%
KTL-F25T8-8xx-HP	25W	36"	3500K, 4100K or 5000K	85	2275	2140	30,000 Hours	36,000 Hours	94%
KTL-F25T8ES-8xx-HP	25W	48"	3500K, 4100K or 5000K	85	2500	2350	30,000 Hours	36,000 Hours	94%
KTL-F28T8ES-8xx-HP	28W	48"	3500K, 4100K or 5000K	85	2725	2560	30,000 Hours	36,000 Hours	94%
KTL-F32T8-8xx-HP	32W	48"	3500K, 4100K or 5000K	85	3100	2915	30,000 Hours	36,000 Hours	94%
KTL-F32T8-8xx-XHP	32W	48"	3500K, 4100K or 5000K	85	3200	3010	30,000 Hours	36,000 Hours	94%
KTL-F32T8-8xx-XL	32W	48"	3500K, 4100K or 5000K	85	3100	2915	42,000 Hours	48,000 Hours	94%

High Efficiency T5 Linear | Miniature Bi-Pin | G5 Base | Dedicated

CATALOG NUMBER	NOMINAL WATTAGE	NOMINAL LENGTH	AVAILABLE CCT	CRI	INITIAL LUMENS	MEAN LUMENS	RATED AVERAGE LIFE		LUMEN MAINTENANCE
							3-HR/START	12-HR/START	
KTL-F14T5-8xx-HE	14W	24"	3500K, 4100K or 5000K	85	1350	1265	24,000 Hours	30,000 Hours	94%
KTL-F21T5-8xx-HE	21W	36"	3500K, 4100K or 5000K	85	2200	2060	24,000 Hours	30,000 Hours	94%
KTL-F28T5-8xx-HE	28W	48"	3500K, 4100K or 5000K	85	2900	2725	24,000 Hours	30,000 Hours	94%

High Output T5 Linear | Miniature Bi-Pin | G5 Base | Dedicated

CATALOG NUMBER	NOMINAL WATTAGE	NOMINAL LENGTH	AVAILABLE CCT	CRI	INITIAL LUMENS	MEAN LUMENS	RATED AVERAGE LIFE		LUMEN MAINTENANCE
							3-HR/START	12-HR/START	
KTL-F49T5-8xx-HO	49W	48"	3500K, 4100K or 5000K	85	4900	4600	24,000 Hours	30,000 Hours	94%
KTL-F54T5-8xx-HO	54W	48"	3500K, 4100K, 5000K or 6500K	85	5000	4700	24,000 Hours	30,000 Hours	94%

T12 Linear | 2012 DOE Compliant | Medium Bi-Pin | G13 Base | Dedicated

CATALOG NUMBER	NOMINAL WATTAGE	NOMINAL LENGTH	AVAILABLE CCT	CRI	INITIAL LUMENS	MEAN LUMENS	RATED AVERAGE LIFE		LUMEN MAINTENANCE
							3-HR/START	12-HR/START	
KTL-F40T12-841-CWX	40W	48"	4100K	89	2500	2250	24,000 Hours	30,000 Hours	90%

T9 Circular | 4-Pin | G10q Base | Dedicated

CATALOG NUMBER	NOMINAL WATTAGE	NOMINAL DIAMETER	AVAILABLE CCT	CRI	INITIAL LUMENS	MEAN LUMENS	3-HR/START	LUMEN MAINTENANCE
KTL-FC8T9-CW	22W	8"	4100K	60	1120	920	10,000 Hours	82%
KTL-FC8T9-DL	22W	8"	6500K	76	980	805	10,000 Hours	82%
KTL-FC12T9-CW	32W	12"	4100K	60	1930	1582	10,000 Hours	82%
KTL-FC12T9-DL	32W	12"	6500K	76	1675	1373	10,000 Hours	82%
KTL-FC16T9-CW	40W	16"	4100K	60	2950	2420	10,000 Hours	82%
KTL-FC16T9-DL	40W	16"	6500K	76	2450	2010	10,000 Hours	82%

Linear & Compact



Features & Benefits

- Low-pressure mercury lamps designed to emit shortwave UV-C radiation, proven to effectively inactivate various tested pathogens
- For use in fixtures specifically designed for disinfection purposes using UV-C 254 nm light sources
- Industry standard dimensions allow for use in a wide range of new and replacement applications
- Emits shortwave UV-C radiation with a peak at 253.7 nm
- Special glass filters out 185 nm ozone-forming radiation
- Low mercury content
- 1-year warranty
- *To reference our UV-C Lamp Pairing Guide, use QR code or visit Keystonetech.com/UVCPairingGuide*

UV-C RISK GROUP 3 (PER ANSI/IESNA RP-27.3-96)
WARNING: THESE LAMPS EMIT HIGH POWER UV RADIATION. AVOID EYE AND SKIN EXPOSURE TO UNSHIELDED PRODUCT. FOLLOW ALL INSTALLATION INSTRUCTIONS AND USER MANUALS.
THIS PRODUCT CAN CAUSE INJURY IF IMPROPERLY USED. DO NOT ATTEMPT TO LOOK AT THE LAMP DURING OPERATION.

RoHS Compliant

Ultraviolet Germicidal Lamps

Linear & Compact

Linear T5 | Double-Ended Bi-Pin

PUREFIT

CATALOG NUMBER	LENGTH MM	LENGTH INCHES	BASE TYPE	NOMINAL POWER	NOMINAL VOLTAGE	NOMINAL LAMP CURRENT	PEAK WAVE LENGTH	AVERAGE LIFETIME	NOMINAL UV OUTPUT
KTL-G4T5-254-DE	135	5.31	G5	4.5W	28V	170mA	254nm	>8000 hrs	0.9W
KTL-G6T5-254-DE	212	8.35	G5	6W	42V	160mA	254nm	>8000 hrs	1.6W
KTL-G8T5-254-DE	288	11.34	G5	8W	56V	150mA	254nm	>8000 hrs	2.1W

Linear T8 | Double-Ended Bi-Pin

PUREFIT

CATALOG NUMBER	LENGTH MM	LENGTH INCHES	BASE TYPE	NOMINAL POWER	NOMINAL VOLTAGE	NOMINAL LAMP CURRENT	PEAK WAVE LENGTH	AVERAGE LIFETIME	NOMINAL UV OUTPUT
KTL-G15T8-254-DE	436	17.17	G13	15W	51V	340mA	254nm	>8000 hrs	4.7W
KTL-G30T8-254-DE	894	35.20	G13	30W	100V	370mA	254nm	>8000 hrs	11.2W
KTL-G36T8-254-DE	1199	47.20	G13	36W	103V	440mA	254nm	>8000 hrs	15.5W
KTL-G55T8-254-HO-DE	894	35.20	G13	55W	87V	780mA	254nm	>8000 hrs	17W
KTL-G75T8-254-HO-DE	1199	47.20	G13	75W	110V	850mA	254nm	>8000 hrs	26W
KTL-G95T8-254-HO-DE	1500	59.06	G13	95W	124V	620mA	254nm	>8000 hrs	33W

Linear T5 | Single-Ended 4-Pin

PUREFIT

CATALOG NUMBER	LENGTH MM	LENGTH INCHES	BASE TYPE	NOMINAL POWER	NOMINAL VOLTAGE	NOMINAL LAMP CURRENT	PEAK WAVE LENGTH	AVERAGE LIFETIME	NOMINAL UV OUTPUT
KTL-G16T5-254-4P	317	12.48	G10q	16W	37V	425mA	254nm	>8000 hrs	4.3W
KTL-G17T5-254-4P	357	14.06	G10q	17W	51V	425mA	254nm	>8000 hrs	5.7W
KTL-G22T5-254-4P	436	17.17	G10q	21W	62V	425mA	254nm	>8000 hrs	7.3W
KTL-G36T5-254-4P	843	33.19	G10q	40W	120V	425mA	254nm	>8000 hrs	15W
KTL-G150T5-254-HO-4P	1554	61.18	G10q	150W	220V	800mA	254nm	>8000 hrs	45W

Compact | 2-Pin

PUREFIT

CATALOG NUMBER	LENGTH MM	LENGTH INCHES	BASE TYPE	NOMINAL POWER	NOMINAL VOLTAGE	NOMINAL LAMP CURRENT	PEAK WAVE LENGTH	AVERAGE LIFETIME	NOMINAL UV OUTPUT
KTL-G5PLS-254-G23	85	3.35	G23	5W	34V	180mA	254nm	>8000 hrs	1.1W
KTL-G9PLS-254-G23	145	5.71	G23	9W	60V	170mA	254nm	>8000 hrs	2.4W
KTL-G13PLS-254-GX23	165	6.50	GX23	13W	60V	290mA	254nm	>8000 hrs	3.4W

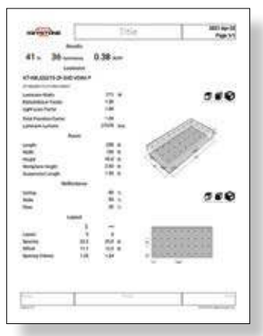
Long Compact | 4-Pin

PUREFIT

CATALOG NUMBER	LENGTH MM	LENGTH INCHES	BASE TYPE	NOMINAL POWER	NOMINAL VOLTAGE	NOMINAL LAMP CURRENT	PEAK WAVE LENGTH	AVERAGE LIFETIME	NOMINAL UV OUTPUT
KTL-G18PLL-254-2G11	217	8.54	2G11	18W	60V	370mA	254nm	>8000 hrs	5.8W
KTL-G36PLL-254-2G11	410	16.14	2G11	36W	105V	440mA	254nm	>8000 hrs	12W
KTL-G55PLL-254-2G11	530	20.87	2G11	55W	103V	540mA	254nm	>8000 hrs	18W
KTL-G95PLL-254-HO-2G11	530	20.87	2G11	95W	100V	950mA	254nm	>8000 hrs	33W



Self-Service Lighting Layout Tool



Keystone now offers an online self-service tool to help you take the next step in bringing your project to life.

Our easy-to-use application instantly renders lighting layouts for simple space types. Simply add room size and select your fixture, and the application helps determine how many fixtures you need and what types of lamps are best for your applications to save the maximum amount of energy, all within budget.

As always, we continue to offer our complimentary lighting layout services and are happy to consult and assist whenever needed.

Visit: keystonetech.com/lighting-layout

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