

KT-CBLEDXXPS-XXC-8CSA-VDIM

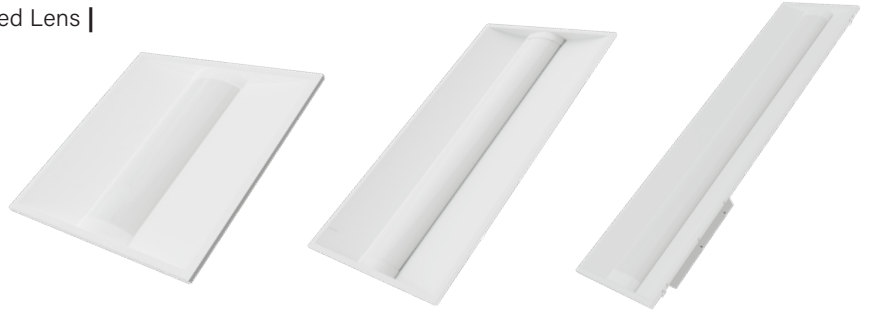
LED CENTER BASKET FIXTURE

DESCRIPTION

LED Center Basket Fixtures | 120 – 277V Input | Frosted Lens |
0 –10V Dimming

APPLICATION

Used for commercial recessed ceiling applications



10 YEAR
LIMITED WARRANTY

PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500/4000/5000K
- Features Keystone Power Select technology. (see Performance Specifications for details)
- Powered by Keystone 0 –10V dimming LED drivers with 12V Aux
- Architectural grade center basket volumetric design
- LED lifetime: L70 >100,000 hours @ 25°C fixture ambient
- Ambient operating temperature: -20°C/-4°F to 40°C/104°F
- Compatible with Keystone SmartSafe emergency backups
- Low optical flicker
- THD: < 20%
- Power factor > 0.95
- IC Rated
- Meets FCC Part 15, Class B
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature

PERFORMANCE SPECIFICATIONS OVERVIEW

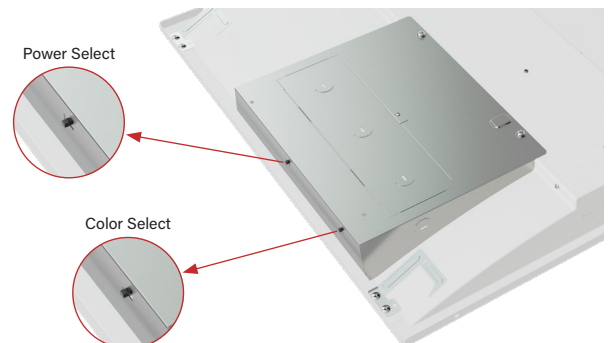
Catalog Number	Size	Input Voltage	Wattage	CCT	Lumen Output	Efficacy	CRI	Lifetime
KT-CBLED35PS-14C-8CSA-VDIM	1x4	120–277V	24/30/35W	3500K /4000K /5000K	3120/3900/4550lm	130 lm/W	> 80	50,000 hrs
KT-CBLED24PS-22C-8CSA-VDIM	2x2		15/18/24W		1950/2340/3120lm			
KT-CBLED35PS-22C-8CSA-VDIM	2x2		24/30/35W		3120/3900/4550lm			
KT-CBLED30PS-24C-8CSA-VDIM	2x4		20/25/30W		2600/3250/3900lm			
KT-CBLED45PS-24C-8CSA-VDIM	2x4		30/38/45W		3900/4940/5850lm			

* Preset to highest lumen output

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

POWER AND COLOR TEMPERATURE SELECTABILITY

- Keystone Color Select Technology: Adjustable CCT (3500/4000/5000K)
- Keystone Power Select Technology: Adjustable Wattage





KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

PRODUCT SPECIFICATIONS DETAILED

Catalog Number	Size	Input Voltage	Wattage	CCT	Lumen Output	Efficacy
KT-CBLED35PS-14C-8CSA-VDIM	1x4	120-277V	24W	3500K	3240	130lm/W
				4000K	3312	134lm/W
				5000K	3336	135lm/W
			30W	3500K	3900	128lm/W
				4000K	4050	132lm/W
				5000K	4080	133lm/W
			35W	3500K	4375	125lm/W
				4000K	4515	129lm/W
				5000K	4550	130lm/W
KT-CBLED24PS-22C-8CSA-VDIM	2x2	120-277V	15W	3500K	2025	130lm/W
				4000K	2070	134lm/W
				5000K	2085	135lm/W
			18W	3500K	2340	128lm/W
				4000K	2430	132lm/W
				5000K	2448	133lm/W
			24W	3500K	3000	125lm/W
				4000K	3096	129lm/W
				5000K	3120	130lm/W
KT-CBLED35PS-22C-8CSA-VDIM	2x2	120-277V	24W	3500K	3240	130lm/W
				4000K	3312	134lm/W
				5000K	3336	135lm/W
			30W	3500K	3900	128lm/W
				4000K	4050	132lm/W
				5000K	4080	133lm/W
			35W	3500K	4375	125lm/W
				4000K	4515	129lm/W
				5000K	4550	130lm/W
KT-CBLED30PS-24C-8CSA-VDIM	2x4	120-277V	20W	3500K	2700	130lm/W
				4000K	2760	134lm/W
				5000K	2780	135lm/W
			25W	3500K	3250	128lm/W
				4000K	3375	132lm/W
				5000K	3400	133lm/W
			30W	3500K	3750	125lm/W
				4000K	3870	129lm/W
				5000K	3900	130lm/W



KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

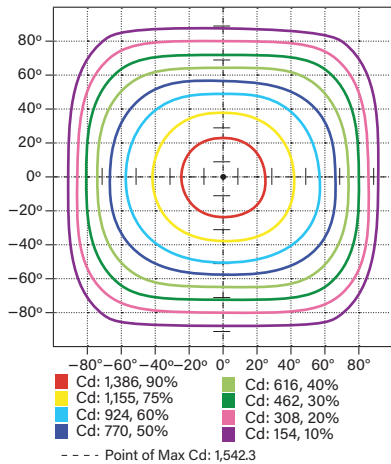
PRODUCT SPECIFICATIONS DETAILED (CONTINUED)

KT-CBLED45PS-24C-8CSA-VDIM	2x4	120-277V	30W	3500K	4050	130lm/W
				4000K	4140	134lm/W
				5000K	4170	135lm/W
			38W	3500K	4940	128lm/W
				4000K	5130	132lm/W
				5000K	5168	133lm/W
			45W	3500K	5625	125lm/W
				4000K	5805	129lm/W
				5000K	5850	130lm/W

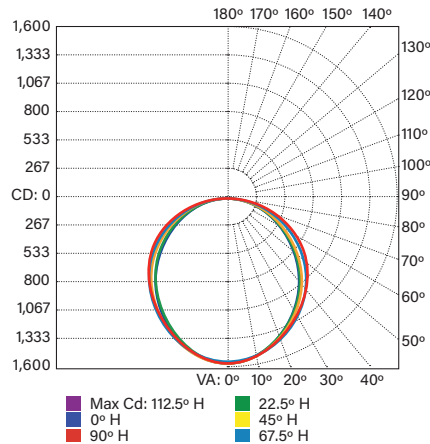
PHOTOMETRIC SPECIFICATIONS

KT-CBLED35PS-14C-8CSA-VDIM

ISOCANDELA PLOT



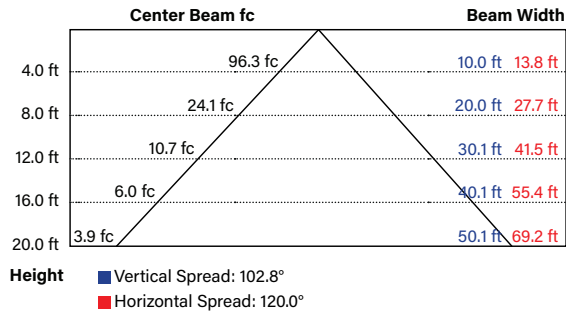
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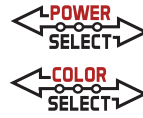


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,175.7	26.9%
0-40	1,908.3	43.7%
0-60	3,364.1	77.1%
60-90	994.9	22.8%
70-100	430.1	9.9%
90-120	1.3	0%
0-90	4,359.0	99.9%
90-180	4.4	0.1%
0-180	4,363.3	100%

FLUX CHART





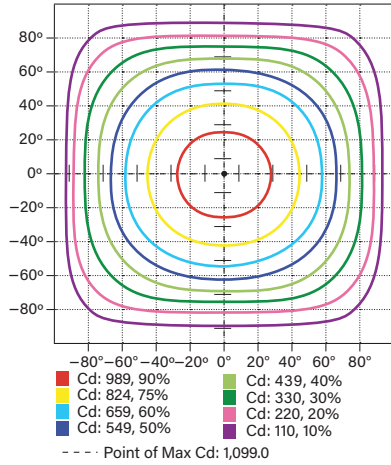
KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

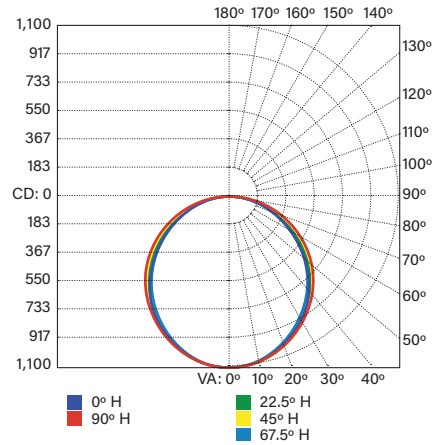
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-CBLED24PS-22C-8CSA-VDIM

ISOCANDELA PLOT



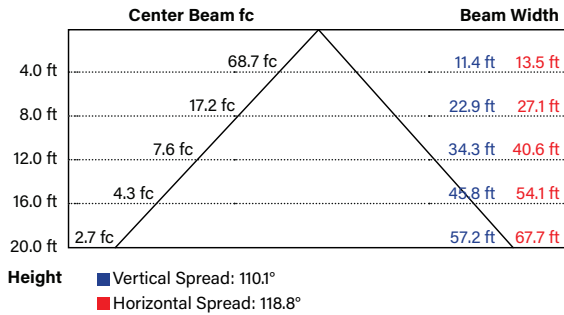
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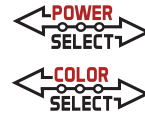


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	851.3	26.4%
0-40	1,394.4	43.3%
0-60	2,480.6	77%
60-90	739.8	23%
70-100	326.1	10.1%
90-120	0.0	0%
0-90	3,220.4	100%
90-180	0.2	0%
0-180	3,220.6	100%

FLUX CHART





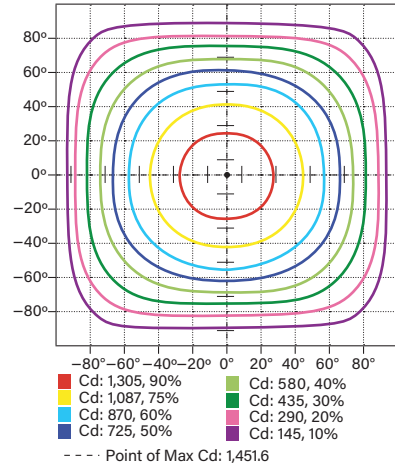
KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

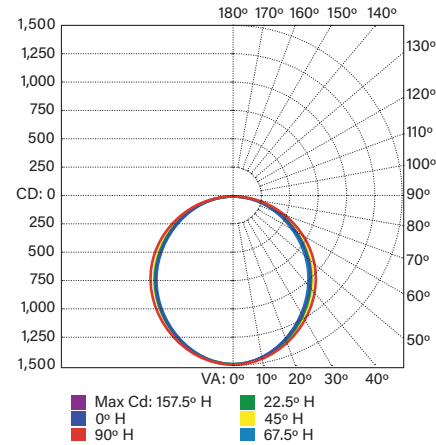
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-CBLED35PS-22C-8CSA-VDIM

ISOCANDELA PLOT



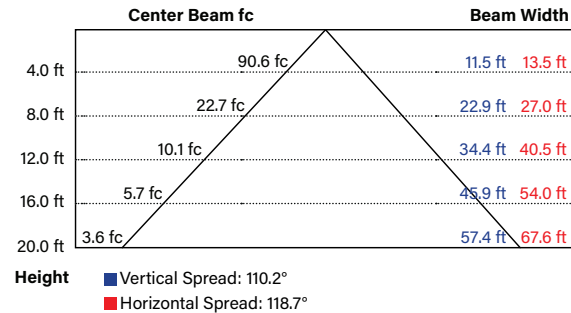
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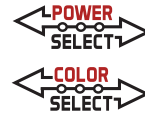


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,123.7	26.4%
0-40	1,840.6	43.2%
0-60	3,275.0	76.9%
60-90	981.0	23%
70-100	434.1	10.2%
90-120	0.1	0%
0-90	4,256.0	100%
90-180	1.0	0%
0-180	4,257.0	100%

FLUX CHART





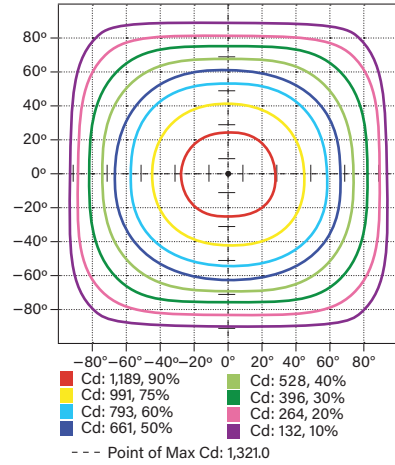
KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

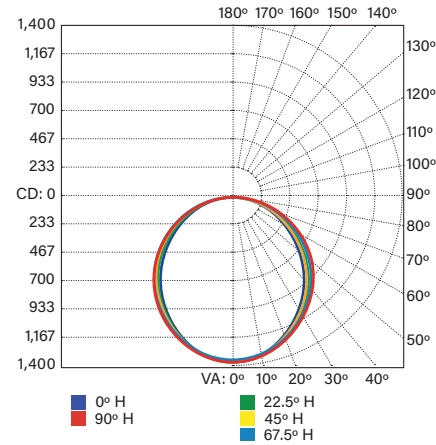
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-CBLED30PS-24C-8CSA-VDIM

ISOCANDELA PLOT



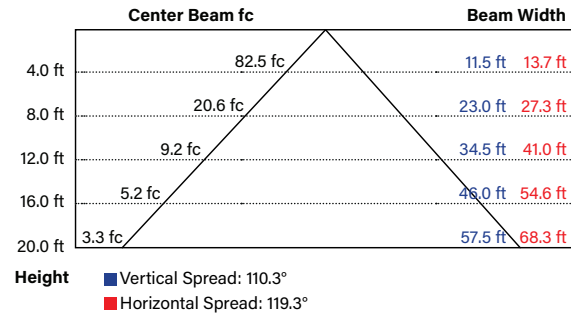
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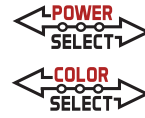


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,025.7	26.3%
0-40	1,682.1	43.1%
0-60	2,998.1	76.7%
60-90	909.1	23.3%
70-100	406.4	10.4%
90-120	0.0	0%
0-90	3,907.2	100%
90-180	0.0	0%
0-180	3,907.2	100%

FLUX CHART





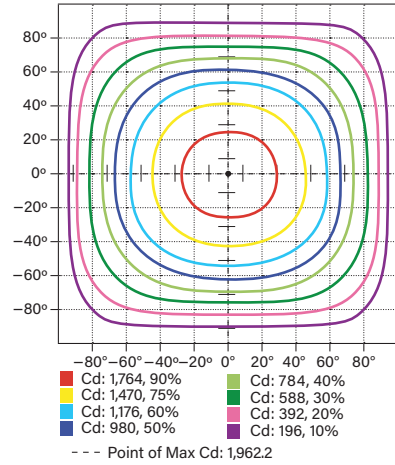
KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

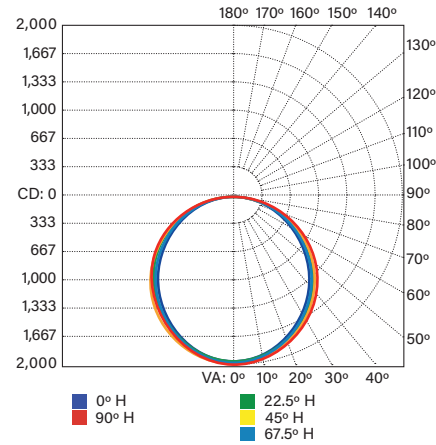
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-CBLED45PS-24C-8CSA-VDIM

ISOCANDELA PLOT



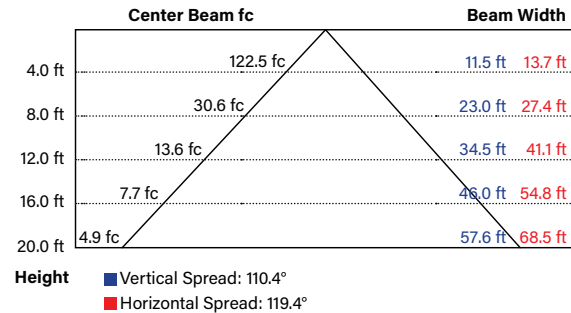
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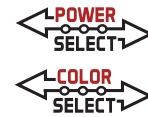


ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,523.0	26.2%
0-40	2,497.5	42.9%
0-60	4,452.5	76.5%
60-90	1,360.6	23.4%
70-100	612.9	10.5%
90-120	3.5	0.1%
0-90	5,813.1	99.9%
90-180	4.8	0.1%
0-180	5,817.9	100%

FLUX CHART

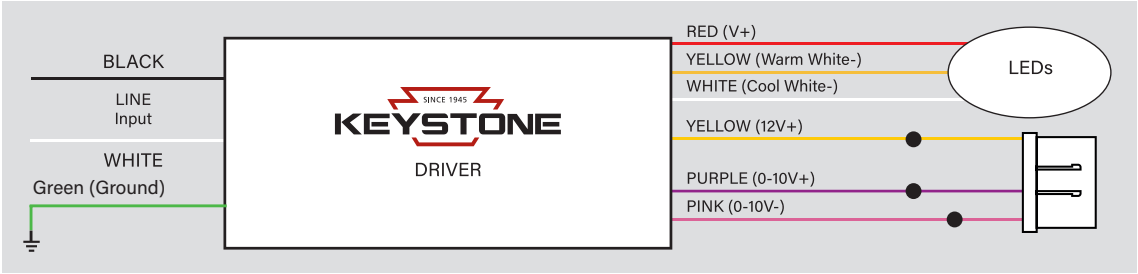




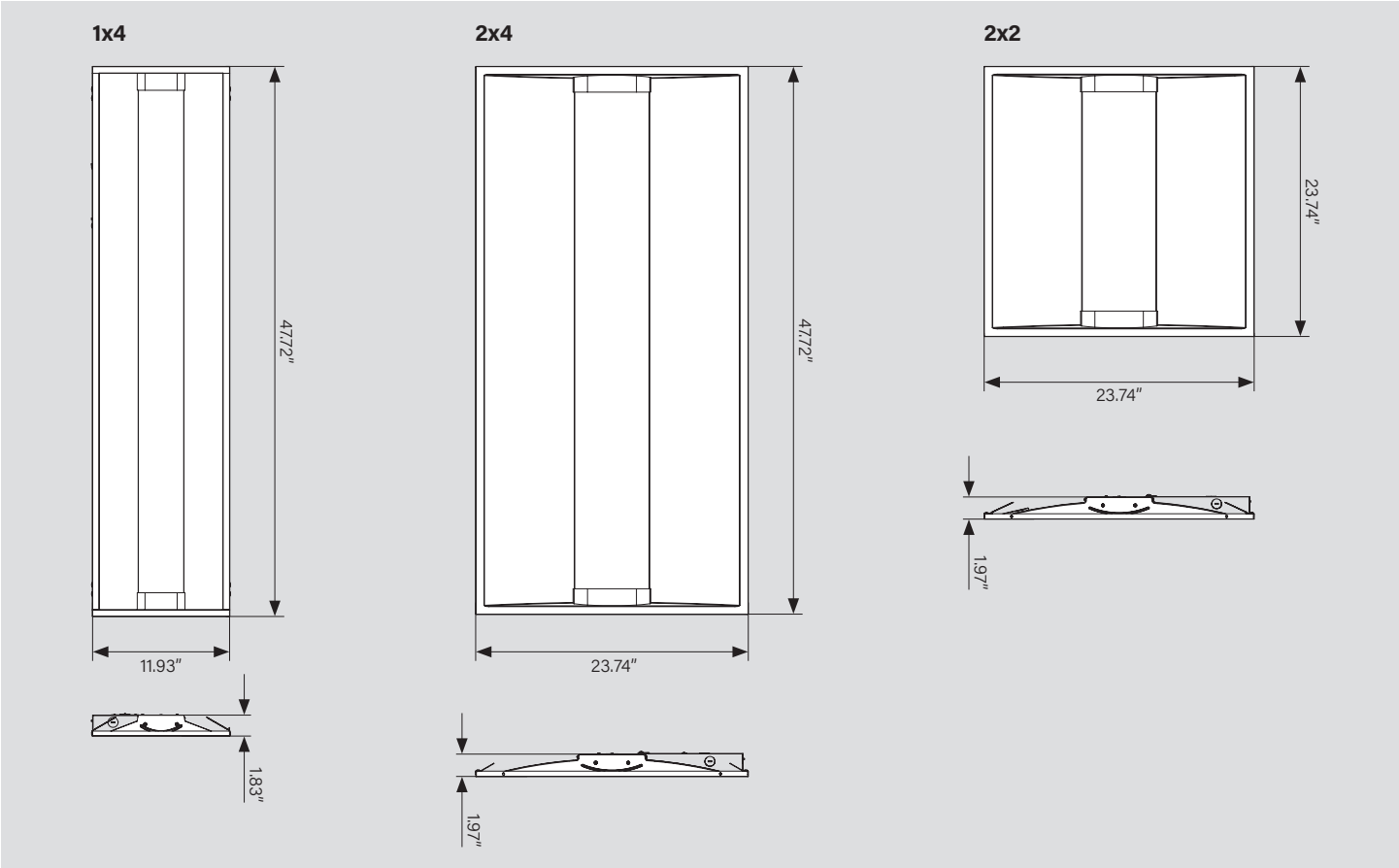
KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

WIRING DIAGRAMS



PHYSICAL SPECIFICATIONS





KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

ACCESSORIES

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3**	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/MC13	KT-MC-NP-1-18/3	Metal clad cable for fixtures, No Plug, 1ft long, 18/3 wire (L,N,G)	843654139777	AYT-71
	/MC63	KT-MC-NP-6-18/3	Metal clad cable for fixtures. No Plug. 6ft long. 18/3 wire (L,N,G)	843654134505	EYP-82
	/MC65	KT-MC-NP-6-18/5	Metal clad cable for fixtures. No Plug. 6ft long. 18/5 wire (L,N,G, LV)	843654134512	CBU-56
	/MC66	KT-MC-NP-6-18/6	Metal clad cable for fixtures. No Plug. 6ft long. 18/6 wire (L,S,N,G, LV)	843654164229	KFF-99



*FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
NOTE: FOR CORD SETS NOT LISTED HERE, PLEASE CONTACT YOUR KEYSTONE SALES REP.
 **FOR SAMPLES ONLY NOT FOR PERMANENT INSTALL.

EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM4	KT-EMRG-LED-4BC-400-EN2	4W, 400 lumen Smart Safe Emergency Backup, CEC T20 Compliant	843654175515	DQN-36
	/EM5†	KT-EMRG-LED-5C-500-EN /DF	5W, 500 Lumen Smart Safe Emergency Backup with Dual Flex, CEC T20 Compliant	843654132433	RAR-74
	/EM10†	KT-EMRG-LED-10BC-1000-EN3 /DF	10W, 1000 Lumen Smart Safe Emergency Backup with Dual Flex, CEC T20 Compliant	843654167619	KNI-42
	/EM12†	KT-EMRG-LED-12C-1200-EN /DF	12W, 1200 Lumen Smart Safe Emergency Backup with Dual Flex, CEC T20 Compliant	843654103112	OJQ-32



4W, 400 lumen Battery Backup
KT-EMRG-LED-4BC-400-EN2



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500-EN /DF



10W, 1000 lumen Battery Backup
KT-EMRG-LED-10BC-1000-EN3 /DF



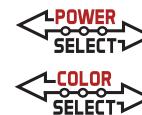
12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200-EN /DF

*FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
 † FACTORY INSTALLATION OF EMERGENCY BACKUP UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.

Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-CBLED-C-EM-KIT	Emergency LED Backup Mounting Kit for Keystone Center Basket Troffers. (Style C) Includes Bracket and mounting hardware.	843654164779	YLG-39

(Accessories continued on next page)



KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

ACCESSORIES (CONTINUED)

MOUNTS AND BRACKETS

Field-Installable / Field-Use **ONLY** (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-CBLED-SM-24-KIT	Surface Mount Kit for 2x4 LED Center Basket Troffers	843654127606	QWL-39
KT-CBLED-RMF-24-KIT	Recessed Mount Flange Kit for 2x4 Center Basket Fixtures	843654132976	UIO-18
KT-CBLED-SM-14-KIT	Surface Mount Kit for 1x4 LED Center Basket Troffers	843654127583	EUW-25
KT-CBLED-RMF-14-KIT	Recessed Mount Flange Kit for 1x4 Center Basket Fixtures	843654132952	GUY-89
KT-CBLED-SM-22-KIT	Surface Mount Kit for 2x2 LED Center Basket Troffers	843654127590	WVD-92
KT-CBLED-RMF-22-KIT	Recessed Mount Flange Kit for 2x2 Center Basket Fixtures	843654132969	IGR-64



Surface Mount Kit
KT-CBLED-SM-24-KIT



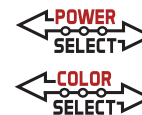
Recessed Mount Flange Kit
KT-CBLED-RMF-24-KIT

ORDERING INFORMATION

Catalog Number	Pack QTY	UPC	Easy Code	DLC PRODUCT ID
KT-CBLED35PS-14C-8CSA-VDIM	1	843654164700	QBB-35	S-0ZTXKX
KT-CBLED24PS-22C-8CSA-VDIM	1	843654164717	QPQ-68	S-6ZKB2T
KT-CBLED35PS-22C-8CSA-VDIM	1	843654164724	DGS-71	S-T0T3HF
KT-CBLED30PS-24C-8CSA-VDIM	1	843654164731	FIZ-47	S-7V65G4
KT-CBLED45PS-24C-8CSA-VDIM	1	843654164748	NBT-58	S-71R480



XFiT



KT-CBLEDXXPS-XXC-8CSA-VDIM

LED CENTER BASKET FIXTURE

CATALOG NUMBER BREAKDOWN

KT-CBLEDXXPS-XXC-8CSA-VDIM

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Center Basket Fixture
- 3 Maximum Wattage
- 4 Power Select
- 5 Nominal Size
- 6 Form Factor
- 7 80 CRI
- 8 Color Select

- 9 Color Select Designation
- 10 0-10V Dimming

3 Max Wattage

24	15/18/24W
30	20/25/30W
35	24/30/35W
45	30/38/45W

5 Nominal Size

14	1x4
22	2x2
24	2x4

9 Color Select Designation

A	3500K, 4000K, 5000K
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ORDERING EXAMPLES

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-CBLED35PS-14C-8CSA-VDIM /515P6/EM5†

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-CBLED35PS-14C-8CSA-VDIM /EM5†

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-CBLED35PS-14C-8CSA-VDIM

KEYSTONE FIXTURE

CATALOG NUMBER

KT-CBLED35PS-14C-8CSA-VDIM

CORD SETS

✓	SUFFIX	CATALOG NUMBER
✓	/515P6	KT-CS-515P-6-18/3

EMERGENCY BACKUP

✓	SUFFIX	CATALOG NUMBER
✓	/EM5†	KT-EMRG-LED-5C-500-EN /DF

* WHEN ORDERING MORE THAN ONE FACTORY-INSTALLED ACCESSORY, USE MULTIPLE SUFFIXES AS SHOWN IN THE ORDERING EXAMPLES ABOVE.

NOTE: ALL ACCESSORIES CAN ALSO BE ORDERED SEPARATELY FOR FIELD INSTALLATION USING JUST THEIR REGULAR CATALOG NUMBER, UPC, OR EASY CODE.