

KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

DESCRIPTION

General Purpose LED Round Canopy Light | Power Select | Color Select 3000/4000/5000K | 120–277V Input | Bronze or white finishes available

APPLICATION

Ceiling mounted outdoor illumination needs, such as parking garages, covered walkways, entrance areas, etc.



10 YEAR
LIMITED WARRANTY



PRODUCT FEATURES

- Keystone Power Select technology (see Performance Specifications below)
- Keystone Color Select technology (3000/4000/5000K)
- Familiar, low profile design ideal for a wide range of new and replacement installations
- Heavy-duty die-cast aluminum housing with a modern aesthetic
- Suitable for standard junction box mounting or 3/4" NPT pendant mounting. Must use KT-CLED-SM-1-KIT-X
- Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
- Impact-resistant, polycarbonate diffuser with 160° parking garage distribution. Perfect for low mounting applications
- Optional 110° canopy distribution diffuser included in the box. Perfect for high mounting applications
- Compatible with KTS-MW3-12V-PKO, quick install bi-level occupancy sensor accessory available
- Compatible with KTSL-FC4-12V-PKO, SmartLoop Bluetooth wireless controller accessory available
- Powered by Keystone LED 0-10v dimming driver with 6kV surge protection
- Ambient operating temperature: –40°C/–40°F to 50°C/122°F
- UL certified for wet locations, IP65 rated
- Power Factor: > 0.95
- THD: < 20%
- L70 @ >100,000 hrs @ 25°C/77°F ambient fixture temperature
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions

**** TAA options available. See Ordering Information below**

PRODUCT IMAGES

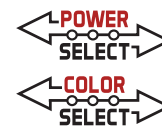


KT-CLEDXXPS-S2-OSH-8CSB-VDIM

KT-CLEDXXPS-S2-OSH-8CSB-VDIM-W

KT-CLED60PS-M2-OSH-8CSB-VDIM

KT-CLED60PS-M2-OSH-8CSB-VDIM-W



KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

PERFORMANCE SPECIFICATIONS AT 160° DISTRIBUTION

Catalog Number	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimming	CRI	Distribution Pattern	Photocell Included	Nominal Size	Housing Color
KT-CLED60PS-M2-OSH-8CSB-VDIM KT-CLED60PS-M2-OSH-8CSB-VDIM-W	60W	3000K	8,646	144 lm/W	120-277V	0-10V	>80	160°	Yes	10"	Bronze or white finishes available
		4000K	9,222	154 lm/W							
		5000K	9,055	151 lm/W							
	50W	3000K	7,372	147 lm/W							
		4000K	7,814	156 lm/W							
		5000K	7,728	155 lm/W							
	40W	3000K	6,248	156 lm/W							
		4000K	6,581	165 lm/W							
		5000K	6,556	164 lm/W							
KT-CLED40PS-S2-OSH-8CSB-VDIM KT-CLED40PS-S2-OSH-8CSB-VDIM-W	40W	3000K	5,569	139 lm/W	120-277V	0-10V	>80	160°	Yes	8"	Bronze or white finishes available
		4000K	5,988	150 lm/W							
		5000K	5,878	147 lm/W							
	30W	3000K	4,380	146 lm/W							
		4000K	4,660	155 lm/W							
		5000K	4,641	155 lm/W							
	20W	3000K	3,096	155 lm/W							
		4000K	3,248	162 lm/W							
		5000K	3,267	163 lm/W							
KT-CLED25PS-S2-OSH-8CSB-VDIM	25W	3000K	3,553	142 lm/W	120-277V	0-10V	>80	160°	Yes	8"	Bronze
		4000K	3,783	151 lm/W							
		5000K	3,767	151 lm/W							
	20W	3000K	3,026	151 lm/W							
		4000K	3,203	160 lm/W							
		5000K	3,209	160 lm/W							
	15W	3000K	2,265	151 lm/W							
		4000K	2,375	158 lm/W							
		5000K	2,397	160 lm/W							

Note: Present to highest wattage /5000K

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

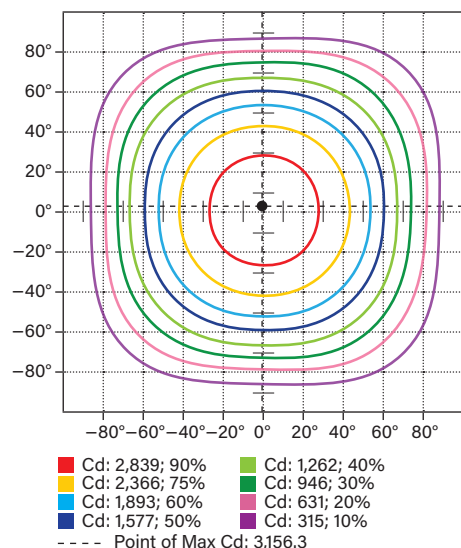
KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

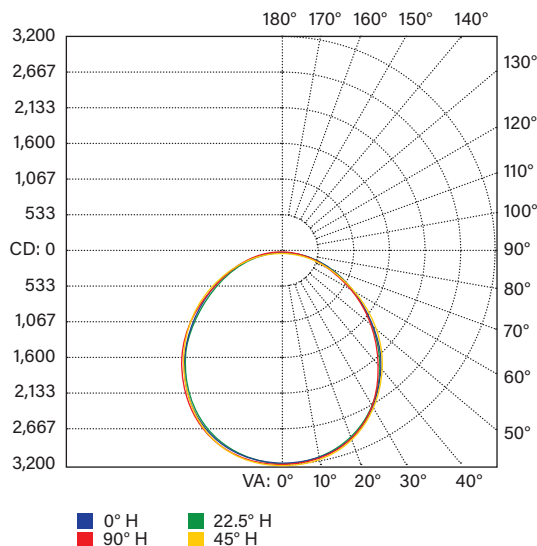
PHOTOMETRIC SPECIFICATIONS

KT-CLED60PS-M2-OSH-8CSB-VDIM-X | 110°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

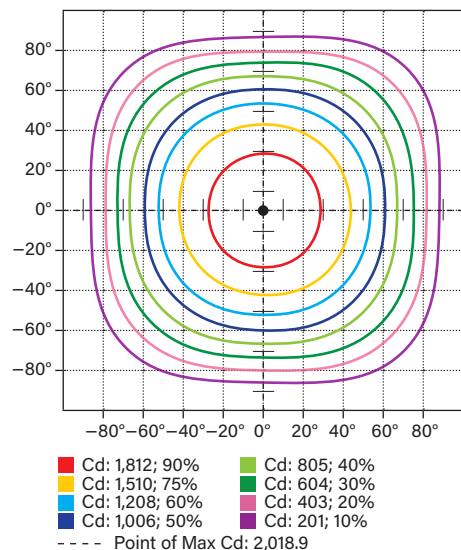


ZONAL LUMEN SUMMARY

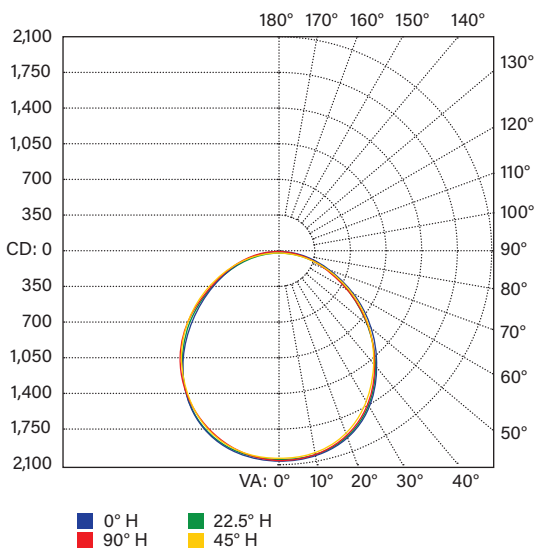
Zone	Lumens	% Luminaire
0-30	2,462.4	28.6%
0-40	4,020.6	46.7%
0-60	6,965.1	80.9%
60-90	1,614.7	18.8%
70-100	602.7	7%
90-120	10.7	0.1%
0-90	8,579.8	99.6%
90-180	30.2	0.4%
0-180	8,610.0	100%

KT-CLED40PS-S2-OSH-8CSB-VDIM-X | 110°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,580.0	28.7%
0-40	2,580.0	46.8%
0-60	4,465.2	81.1%
60-90	1,021.6	18.5%
70-100	371.0	6.7%
90-120	8.4	0.2%
0-90	5,486.8	99.6%
90-180	22.3	0.4%
0-180	5,509.2	100%

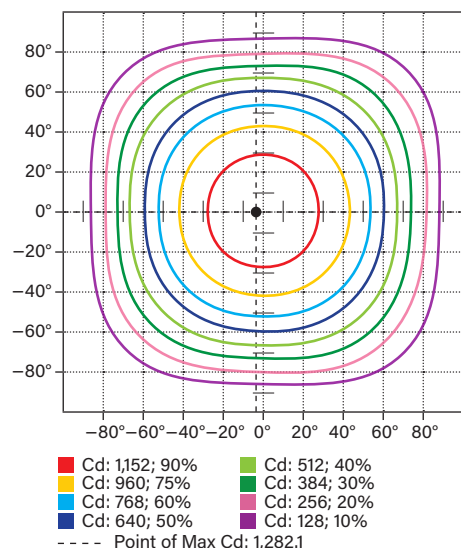
KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

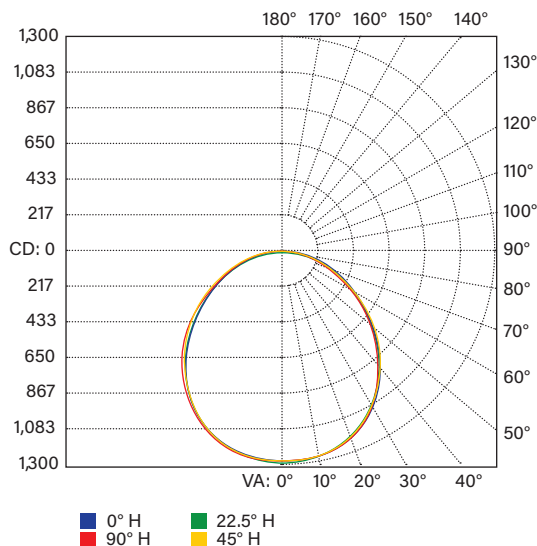
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-CLED25PS-S2-OSH-8CSB-VDIM | 110°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

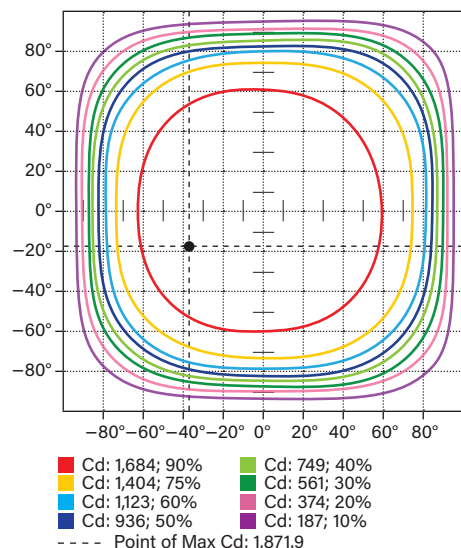


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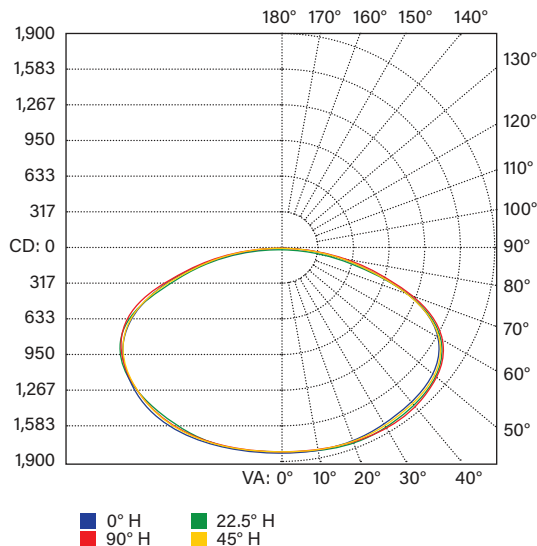
Zone	Lumens	% Luminaire
0-30	1,002.5	28.8%
0-40	1,636.3	47%
0-60	2,823.1	81.2%
60-90	635.7	18.3%
70-100	232.2	6.7%
90-120	7.7	0.2%
0-90	3,458.8	99.4%
90-180	19.2	0.6%
0-180	3,477.9	100%

KT-CLED60PS-M2-OSH-8CSB-VDIM-X | 160°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,520.1	18.5%
0-40	2,668.0	32.5%
0-60	5,554.8	67.8%
60-90	2,610.4	31.8%
70-100	1,178.6	14.4%
90-120	15.8	0.2%
0-90	8,165.2	99.6%
90-180	33.1	0.4%
0-180	8,198.4	100%

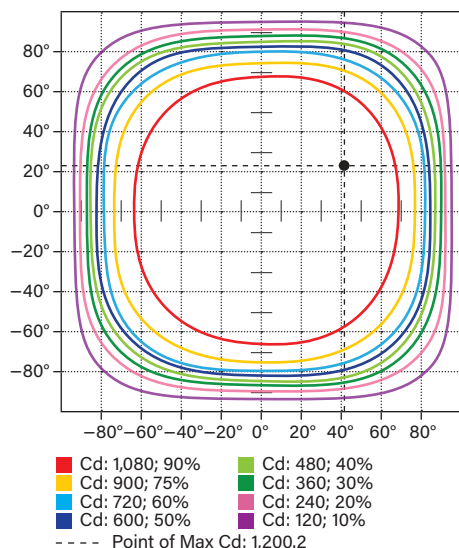
KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

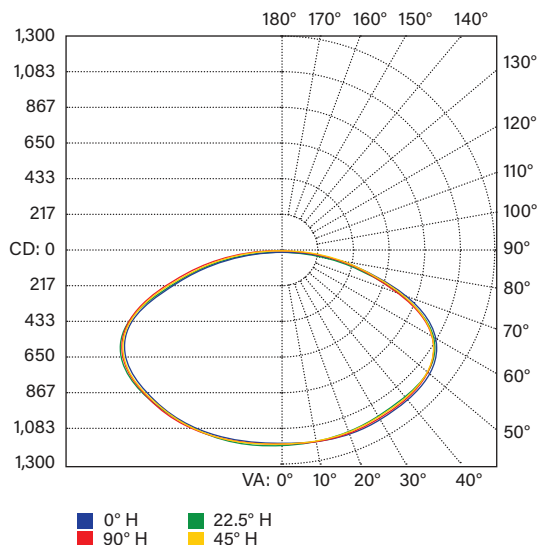
PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-CLED40PS-S2-OSH-8CSB-VDIM-X | 160°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

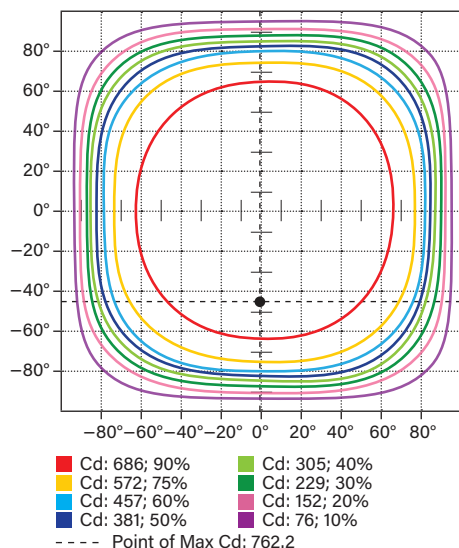


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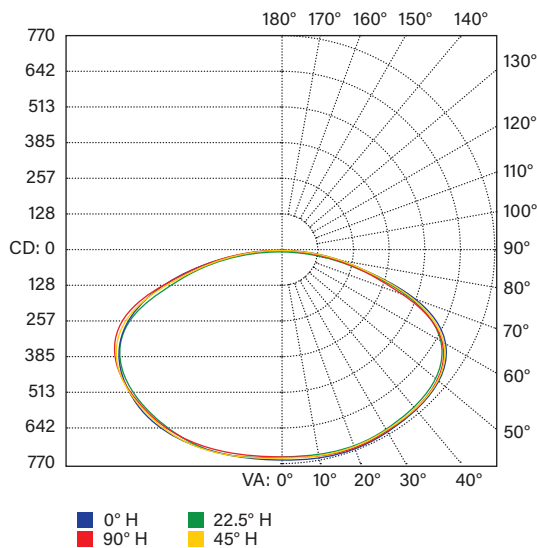
Zone	Lumens	% Luminaire
0-30	987.9	18.4%
0-40	1,728.5	32.2%
0-60	3,647.6	68%
60-90	1,687.0	31.5%
70-100	730.5	13.6%
90-120	12.6	0.2%
0-90	5,334.6	99.5%
90-180	25.8	0.5%
0-180	5,360.4	100%

KT-CLED25PS-S2-OSH-8CSB-VDIM | 160°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

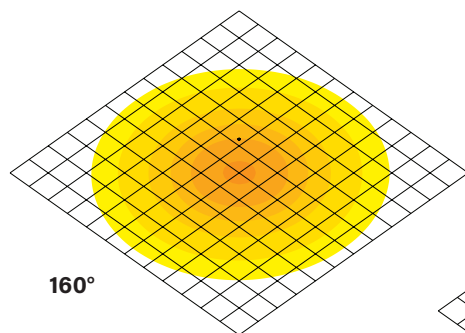
Zone	Lumens	% Luminaire
0-30	1,580.0	28.7%
0-40	2,580.0	46.8%
0-60	4,465.2	81.1%
60-90	1,021.6	18.5%
70-100	371.0	6.7%
90-120	8.4	0.2%
0-90	5,486.8	99.6%
90-180	22.3	0.4%
0-180	5,509.2	100%

KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

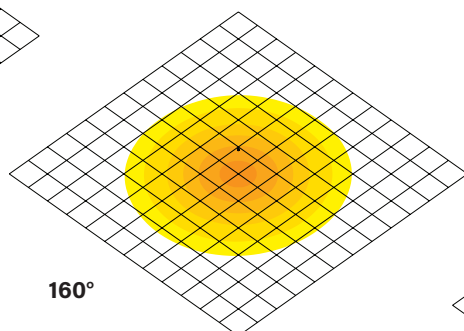
LED ROUND CANOPY LIGHT FIXTURE

PHOTOMETRIC SPECIFICATIONS (CONTINUED)

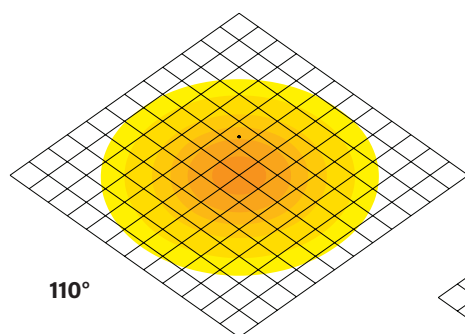
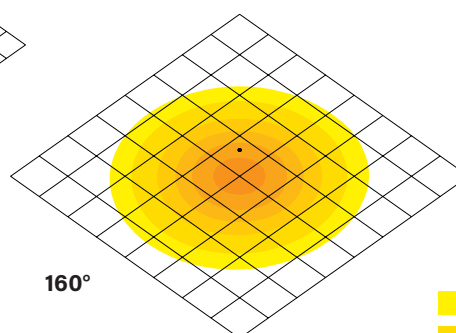
KT-CLED60PS-M2-OSH-8CSB-VDIM-X



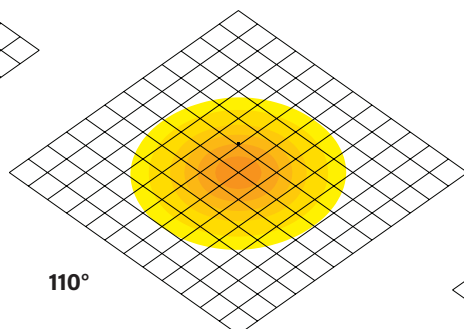
KT-CLED40PS-S2-OSH-8CSB-VDIM-X



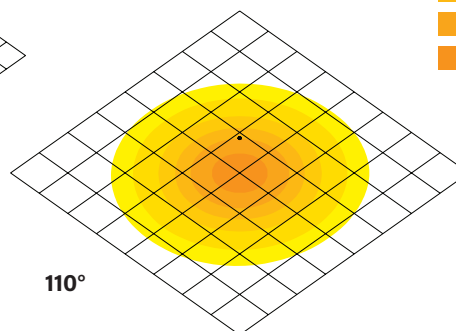
KT-CLED25PS-S2-OSH-8CSB-VDIM



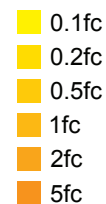
Mounting height: 20'
Grid lines interval: 10'



Mounting height: 15'
Grid lines interval: 10'



Mounting height: 12'
Grid lines interval: 10'



KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

POWER SELECT (WATTAGE), COLOR SELECT (CCT), AND PHOTOCELL ADJUSTMENT

This fixture is equipped with field-adjustable selectable wattage, selectable CCT, and photocell adjustment technology.

1. Ensure power is off to the fixture.
2. Remove knockouts.
3. Adjust dip switches to desired settings.
4. Replace knockouts.
5. Restore power to fixture.

PHOTOCELL ON/OFF ADJUSTMENT SWITCH

Set dip switch to turn on or turn off built-in photocell. Photocell preset to ON.

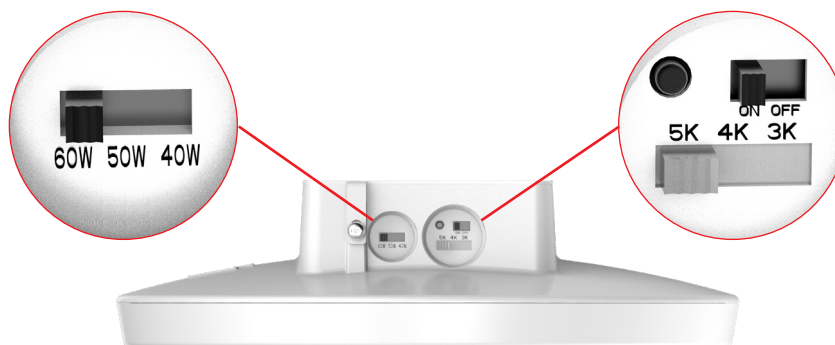


POWER SELECT ADJUSTMENT SWITCH

Set dip switch to adjust between wattages.

Wattage options vary by model.

Fixture preset at highest wattage.



COLOR SELECT ADJUSTMENT SWITCH

Set dip switch to adjust CCT between 3000K, 4000K, and 5000K.

Fixture preset at 5000K.

KT-CLED60PS-M2-OSH-8CSB-VDIM KT-CLED60PS-M2-OSH-8CSB-VDIM-W

Wattage	CCT
60W	3000K
50W	4000K
40W	5000K

KT-CLED40PS-S2-OSH-8CSB-VDIM KT-CLED40PS-S2-OSH-8CSB-VDIM-W

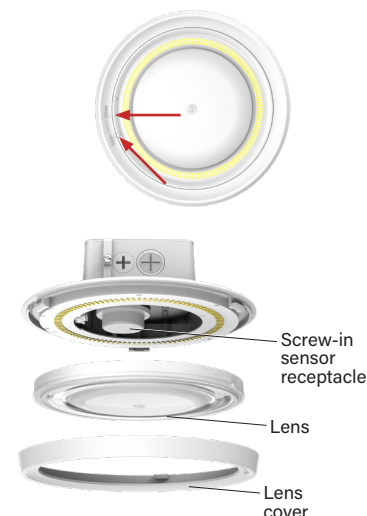
Wattage	CCT
40W	3000K
30W	4000K
20W	5000K

KT-CLED25PS-S2-OSH-8CSB-VDIM

Wattage	CCT
25W	3000K
20W	4000K
15W	5000K

TOOL-FREE LENS INSTALLATION

1. Unscrew and remove lens cover from fixture.
2. Twist lens until notch lines up with *open*. Remove lens from fixture. (If using screw-in sensor or controller, install after lens is removed)
3. Screw on replacement lens (twist until notch lines up with *close*) on page 2.
4. Screw on lens cover.

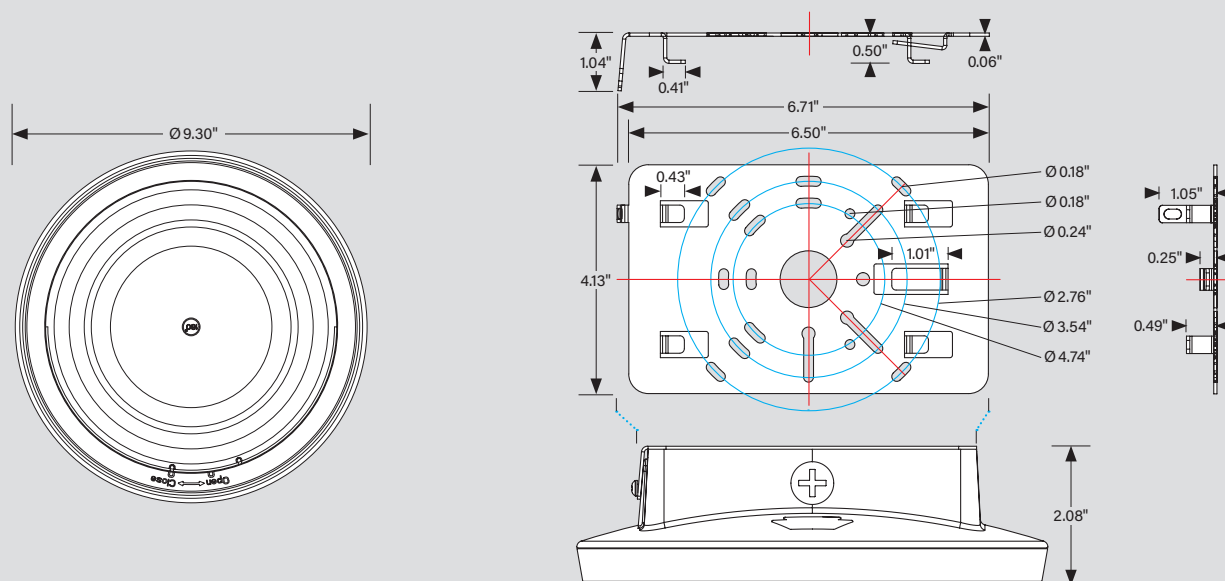


KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

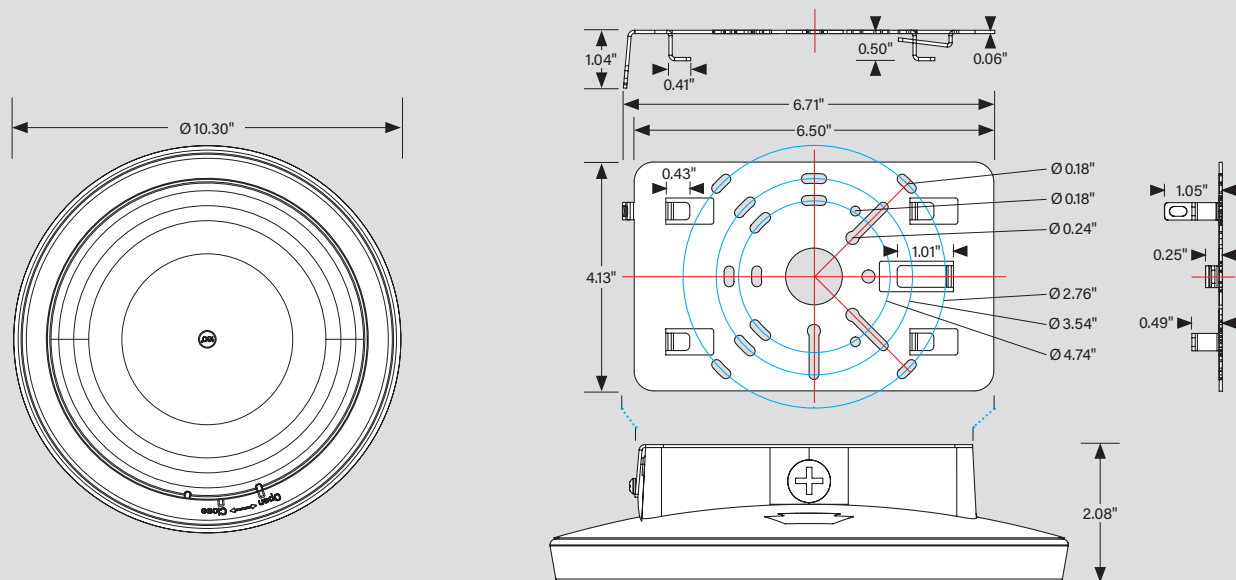
LED ROUND CANOPY LIGHT FIXTURE

DIMENSIONS

SMALL (25W, 40W)



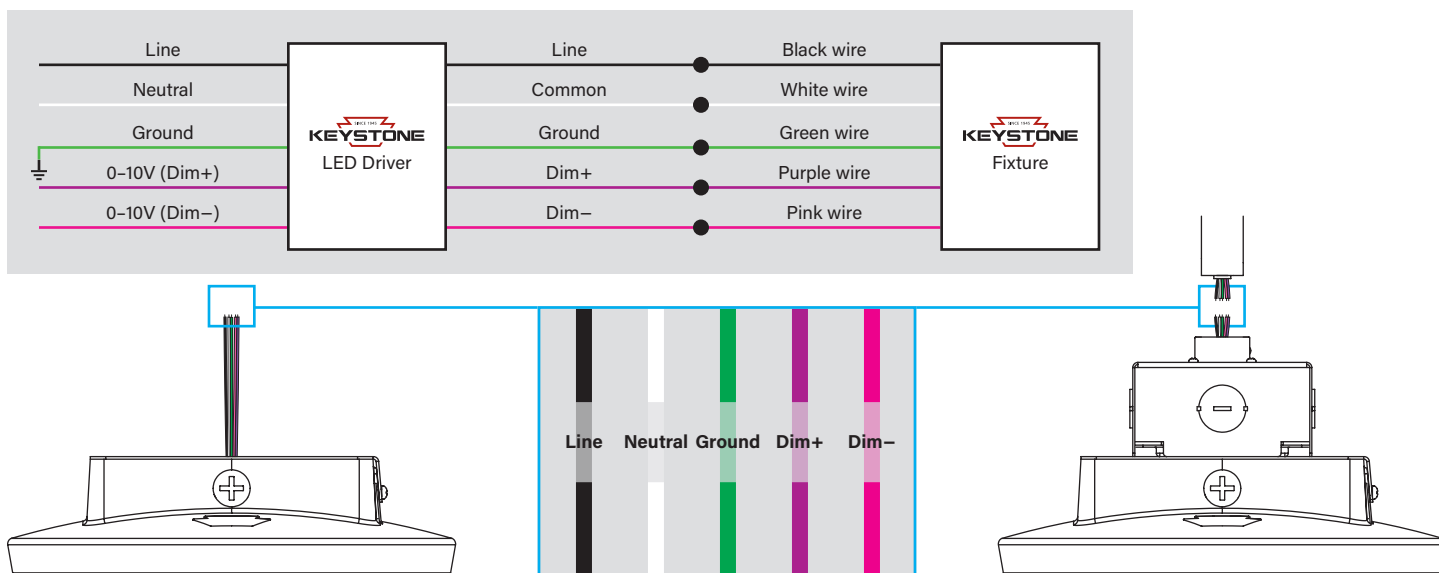
MEDIUM (60W)



KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

WIRING DIAGRAMS



ACCESSORIES

SENSORS / CONTROLLERS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC4	KTSL-FC4-12V-PKO	Bluetooth mesh wireless screw-in low voltage fixture controller for LLLC SmartLoop system	843654149066	RUN-10
	/MW3	KTS-MW3-12V-PKO	12V Microwave Occupancy Sensor	843654135212	TRM-32



KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

LENSES

Field-Installable (field-installable, ordering information for reference only)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-CLED-LENS-M2-160-KIT	160° Replacement Lens Medium Housing	843654164656	RPV-17
KT-CLED-LENS-S2-160-KIT	160° Replacement Lens Small Housing	843654164663	GHD-00
KT-CLED-LENS-M2-110-KIT	110° Replacement Lens Medium Housing	843654164670	TLG-59
KT-CLED-LENS-S2-110-KIT	110° Replacement Lens Small Housing	843654164687	MCU-12



MOUNTS AND BRACKETS

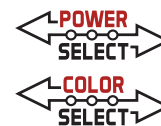
Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	FINISH COLOR	UPC	EASY CODE
KT-CLED-BP-15	15" mounting back plate	Bronze	843654152028	FHA-85
KT-CLED-SM-1-KIT	Surface mount / pendant mount kit Attaches to pre-installed mounting plate	Bronze	843654160368	HRA-27
KT-CLED-TM-1-KIT	Trunnion mount kit Must be used with surface mount kit, KT-CLED-SM-1-KIT	Bronze	843654164090	ODY-40
KT-CLED-BP-15-W	15" mounting back plate	White	843654152035	CEU-41
KT-CLED-SM-1-KIT-W	Surface mount / pendant mount kit Attaches to pre-installed mounting plate	White	843654160375	ZDU-78
KT-CLED-TM-1-KIT-W	Trunnion mount kit Must be used with surface mount kit, KT-CLED-SM-1-KIT-W	White	843654164106	DPP-15



* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).


XFIT

 optic  swap


KT-CLEDXXPS-X2-OSH-8CSB-VDIM-X

LED ROUND CANOPY LIGHT FIXTURE

ORDERING EXAMPLES

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-CLED60PS-M2-OSH-8CSB-VDIM/FC4

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-CLED60PS-M2-OSH-8CSB-VDIM

* 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.

KEYSTONE FIXTURE

CATALOG NUMBER

KT-CLED60PS-M2-OSH-8CSB-VDIM

SENSORS / CONTROLLERS

☒	SUFFIX	CATALOG NUMBER
☒	/FC4	KTSL-FC4-12V-PKO