KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

DESCRIPTION

General Purpose LED Square Canopy Light | Power Select | Color Select | 120–277V Input | Bronze or White Housing

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 chart 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 and (3) 1/2" NPT threaded conduit hubs
- Suitable for standard junction box mounting or 3/4" NPT pendant mounting
- 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 available. Perfect for high mounting applications
- Optional recessed plate accessory available.
- 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
- 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-CLED40PS-S1-8CSB-VDIM
KT-CLED25PS-S1-8CSB-VDIM

KT-CLED40PS-S1-8CSB-VDIM-W
KT-CLED25PS-S1-8CSB-VDIM-W

KT-CLED60PS-M1-8CSB-VDIM

KT-CLED60PS-M1-8CSB-VDIM-W

KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

PERFORMANCE SPECIFICATIONS

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimming	CRI	Distribution Pattern	Photocell Included	Housing Color	Legacy Equivalent
KT-CLED60PS-M1-8CSB-VDIM KT-CLED60PS-M1-8CSB-VDIM-W	10" square	60W	3000K	8,100	135 lm/W	120–277V	0–10V	>80	160° installed, 110° sold separately	Yes	Bronze or White	250W MH
			4000K	8,700	145 lm/W							
			5000K	8,400	140 lm/W							
		50W	3000K	6,750	135 lm/W							
			4000K	7,250	145 lm/W							
			5000K	7,000	140 lm/W							
		40W	3000K	5,400	135 lm/W							
			4000K	5,800	145 lm/W							
			5000K	5,600	140 lm/W							
KT-CLED40PS-S1-8CSB-VDIM KT-CLED40PS-S1-8CSB-VDIM-W	8" square	40W	3000K	5,400	135 lm/W	120–277V	0–10V	>80	160° installed, 110° sold separately	Yes	Bronze or White	175W MH
			4000K	5,800	145 lm/W							
			5000K	5,600	140 lm/W							
		30W	3000K	4,050	135 lm/W							
			4000K	4,350	145 lm/W							
			5000K	4,200	140 lm/W							
		20W	3000K	2,700	135 lm/W							
			4000K	2,900	145 lm/W							
			5000K	2,800	140 lm/W							
KT-CLED25PS-S1-8CSB-VDIM KT-CLED25PS-S1-8CSB-VDIM-W	8" square	25W	3000K	3,375	135 lm/W	120–277V	0–10V	>80	160° installed, 110° sold separately	Yes	Bronze or White	100W MH
			4000K	3,625	145 lm/W							
			5000K	3,500	140 lm/W							
		20W	3000K	2,700	135 lm/W							
			4000K	2,900	145 lm/W							
			5000K	2,800	140 lm/W							
		15W	3000K	2,025	135 lm/W							
			4000K	2,175	145 lm/W							
			5000K	2,100	140 lm/W							

Note: Preset to highest wattage and 5000K
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

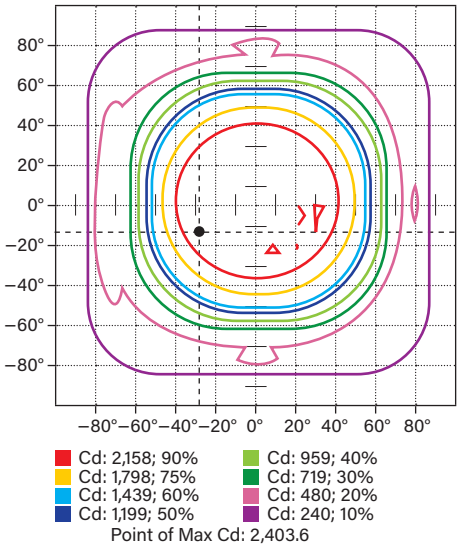
KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

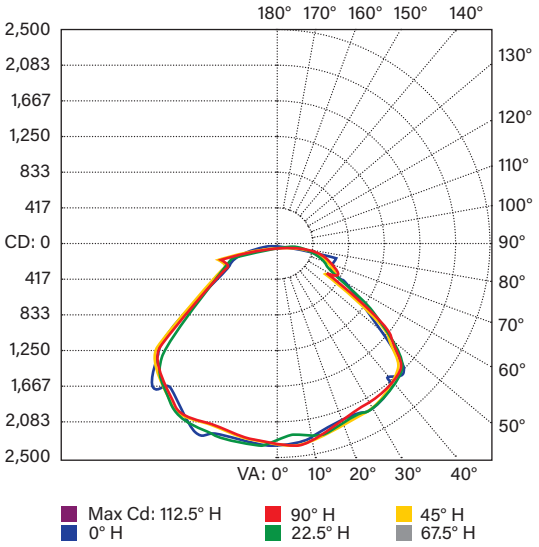
PHOTOMETRIC SPECIFICATIONS

KT-CLED60PS-M1-8CSB-VDIM | KT-CLED60PS-M1-8CSB-VDIM-W | 160°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

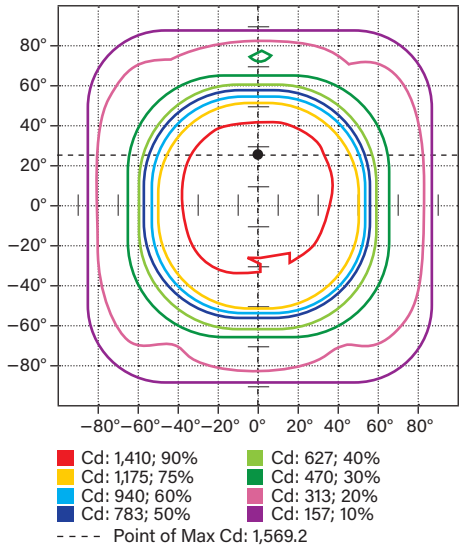


ZONAL LUMEN SUMMARY

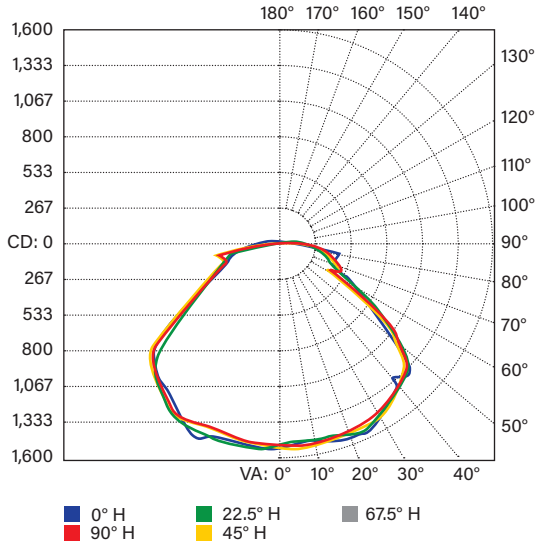
Zone	Lumens	% Luminaire
0–30	1,903.5	24.7%
0–40	3,296.9	42.8%
0–60	5,945.7	77.2%
60–90	1,530.4	19.9%
70–100	887.7	11.5%
90–120	180.4	2.3%
0–90	7,476.1	97.0%
90–180	229.2	3.0%
0–180	7,705.3	100%

KT-CLED40PS-S1-8CSB-VDIM | KT-CLED40PS-S1-8CSB-VDIM-W | 160°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1,238.1	23.2%
0–40	2,137.9	40.1%
0–60	3,992.1	74.9%
60–90	1,137.1	21.3%
70–100	702.5	13.2%
90–120	153.9	2.9%
0–90	5,129.2	96.2%
90–180	200.4	3.8%
0–180	5,329.6	100%

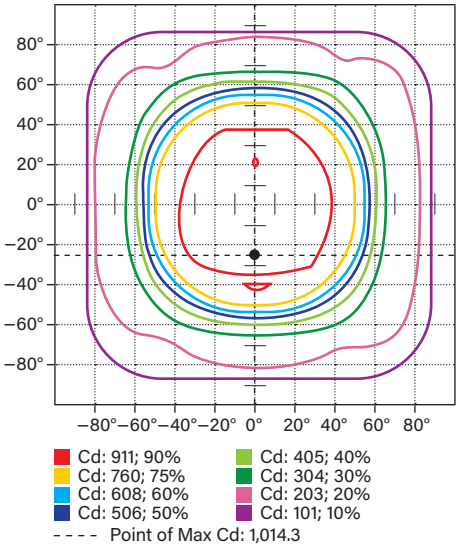
KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

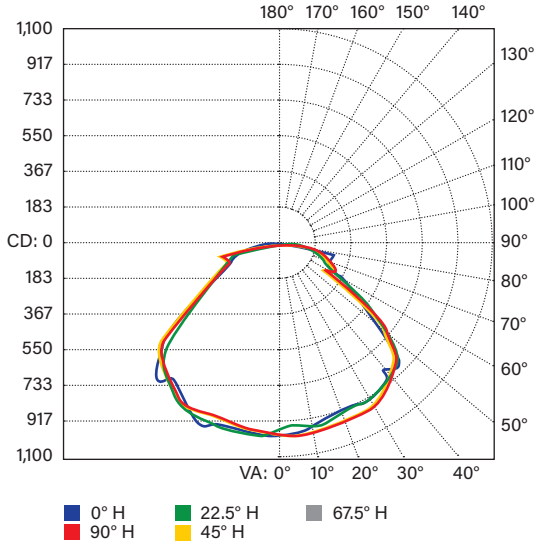
PHOTOMETRIC SPECIFICATIONS (continued)

KT-CLED25PS-S1-8CSB-VDIM | KT-CLED25PS-S1-8CSB-VDIM-W | 160°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

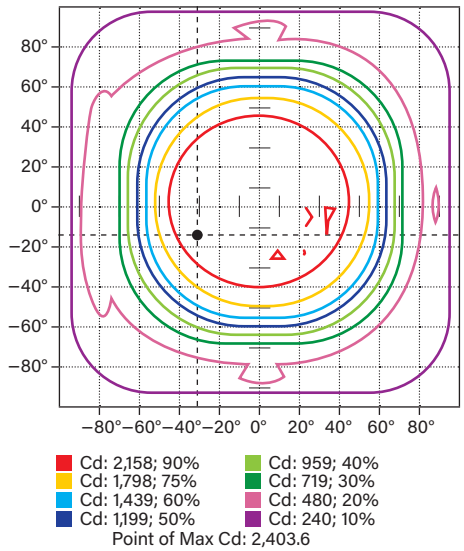


ZONAL LUMEN SUMMARY

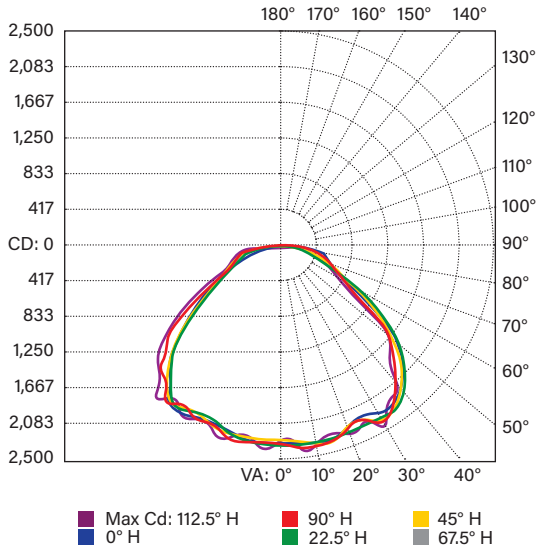
Zone	Lumens	% Luminaire
0–30	804.7	23.3%
0–40	1,386.6	40.2%
0–60	2,576.9	74.7%
60–90	727.5	21.1%
70–100	448.4	13.0%
90–120	111.6	3.2%
0–90	3,304.4	95.8%
90–180	144.3	4.2%
0–180	3,448.7	100%

KT-CLED60PS-M1-8CSB-VDIM | KT-CLED60PS-M1-8CSB-VDIM-W | 110°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1,903.5	24.7%
0–40	3,296.9	42.8%
0–60	5,945.7	77.2%
60–90	1,530.4	19.9%
70–100	887.7	11.5%
90–120	180.4	2.3%
0–90	7,476.1	97.0%
90–180	229.2	3.0%
0–180	7,705.3	100%

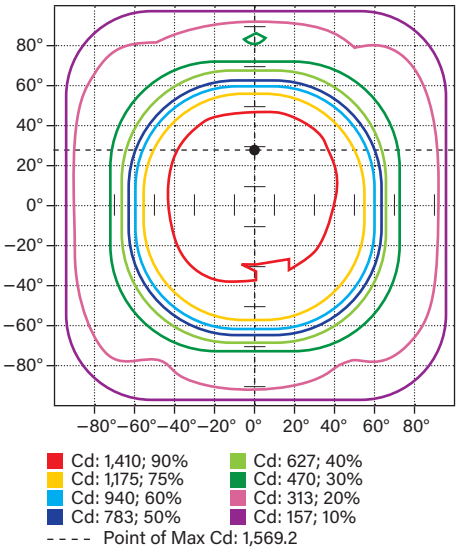
KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

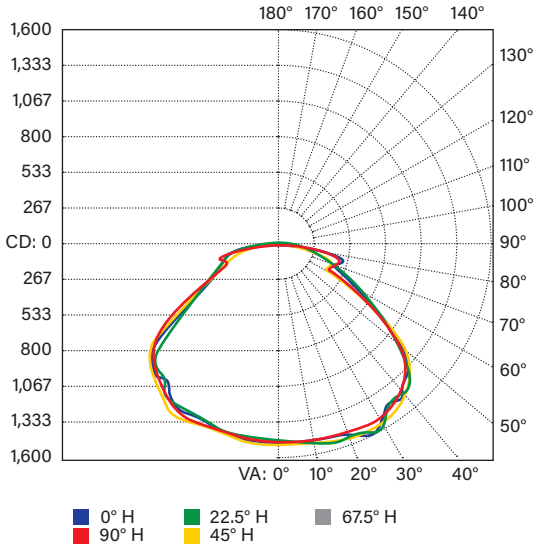
PHOTOMETRIC SPECIFICATIONS (continued)

KT-CLED40PS-S1-8CSB-VDIM | KT-CLED40PS-S1-8CSB-VDIM-W | 110°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

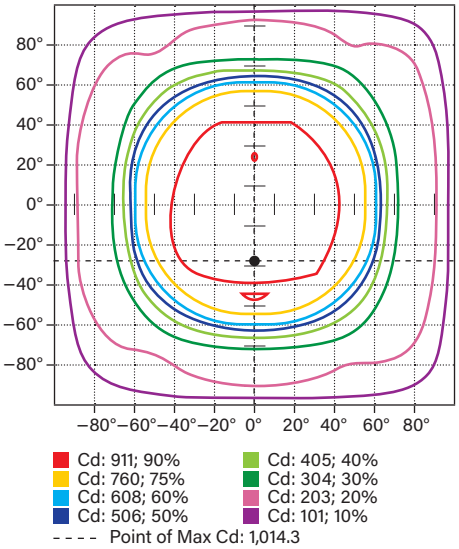


ZONAL LUMEN SUMMARY

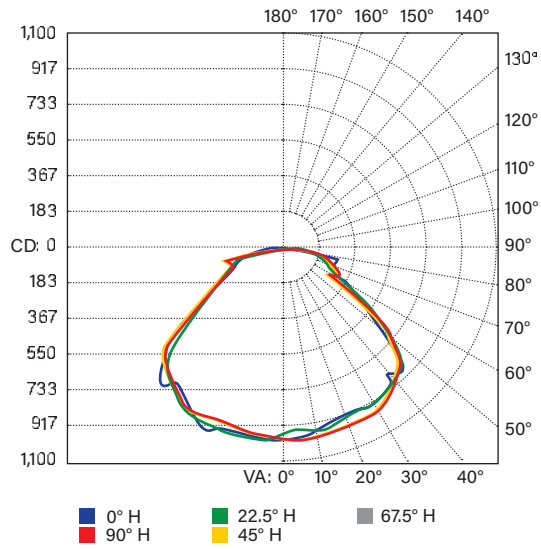
Zone	Lumens	% Luminaire
0–30	1,238.1	23.2%
0–40	2,137.9	40.1%
0–60	3,992.1	74.9%
60–90	1,137.1	21.3%
70–100	702.5	13.2%
90–120	153.9	2.9%
0–90	5,129.2	96.2%
90–180	200.4	3.8%
0–180	5,329.6	100%

KT-CLED25PS-S1-8CSB-VDIM | KT-CLED25PS-S1-8CSB-VDIM-W | 110°

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

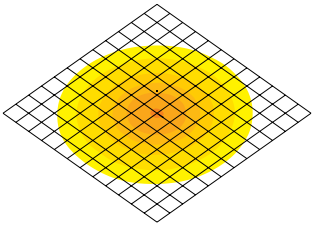
Zone	Lumens	% Luminaire
0–30	804.7	23.3%
0–40	1,386.6	40.2%
0–60	2,576.9	74.7%
60–90	727.5	21.1%
70–100	448.4	13%
90–120	111.6	3.2%
0–90	3,304.4	95.8%
90–180	144.3	4.2%
0–180	3,448.7	100%

KT-CLEDXXPS-X1-8CSB-VDIM-X

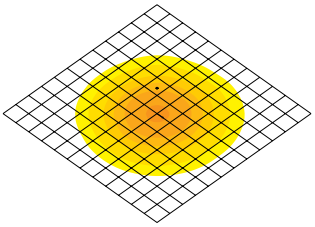
LED SQUARE CANOPY LIGHT FIXTURE

PHOTOMETRIC SPECIFICATIONS (continued)

KT-CLED60PS-M1-8CSB-VDIM-X

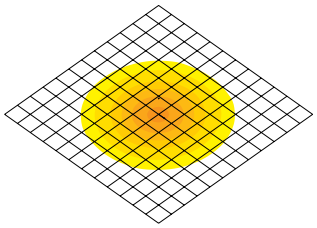


- 60W mounted at 17.5 ft
- 160° distribution
- Each square is 10 ft x 10 ft

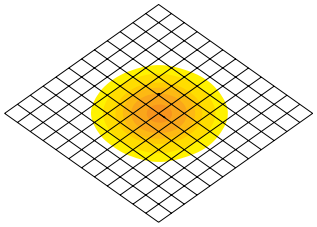


- 60W mounted at 20 ft
- 110° distribution
- Each square is 10 ft x 10 ft

KT-CLED40PS-S1-8CSB-VDIM-X

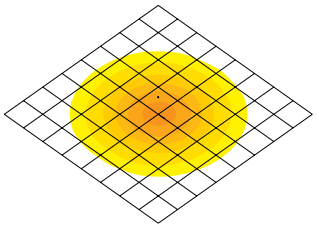


- 40W mounted at 12.5 ft
- 160° distribution
- Each square is 10 ft x 10 ft

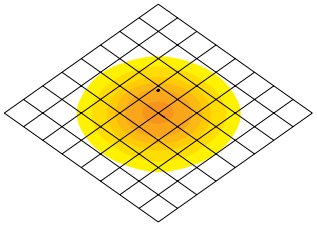


- 40W mounted at 15 ft
- 110° distribution
- Each square is 10 ft x 10 ft

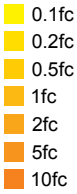
KT-CLED25PS-S1-8CSB-VDIM-X



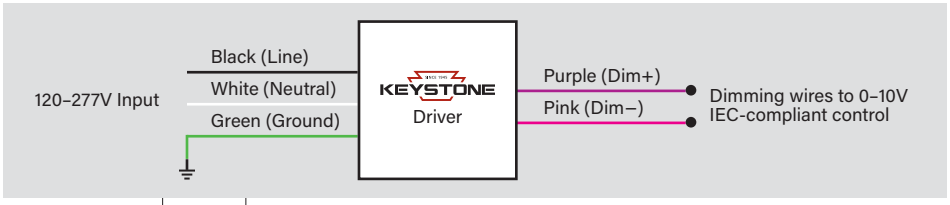
- 25W mounted at 9 ft
- 160° distribution
- Each square is 10 ft x 10 ft

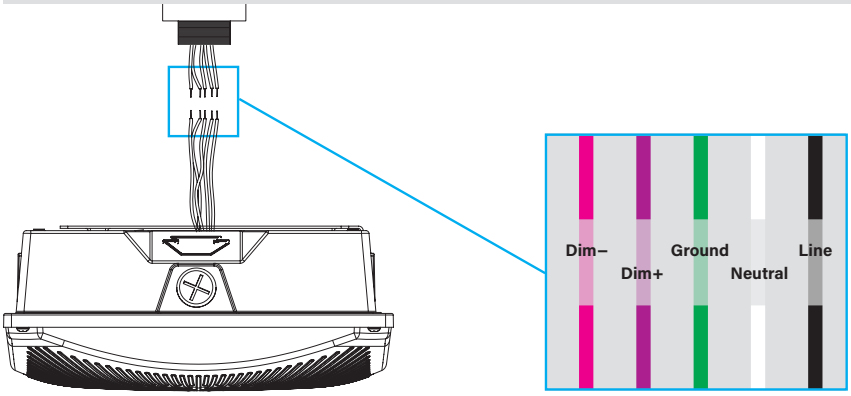


- 25W mounted at 12 ft
- 110° distribution
- Each square is 10 ft x 10 ft



WIRING SPECIFICATIONS





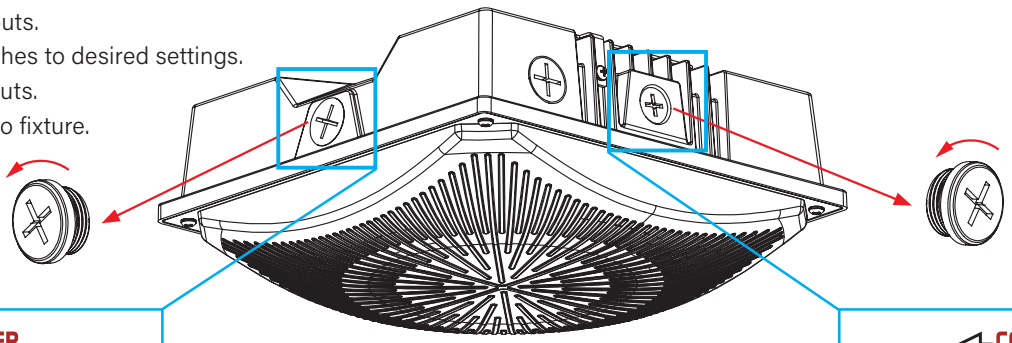
KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

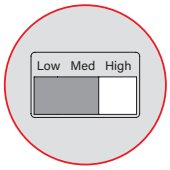
POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with field-adjustable Keystone Power Select and Color Select technology.

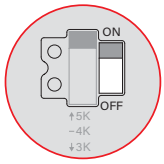
1. Ensure power is off to the fixture.
2. Remove knockouts.
3. Adjust dip switches to desired settings.
4. Replace knockouts.
5. Restore power to fixture.



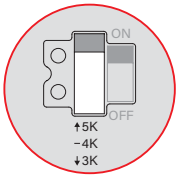
POWER SELECT ADJUSTMENT SWITCH
Set dip switch to adjust wattage. Fixture comes preset at highest wattage



PHOTOCELL ON/OFF SWITCH
Set dip switch to turn on or turn off built-in photocell.



COLOR SELECT ADJUSTMENT SWITCH
Set dip switch to adjust CCT between 3000K, 4000K, and 5000K. Fixture comes preset at 5000K.



KT-CLED60PS-M1-8CSB-VDIM
KT-CLED60PS-M1-8CSB-VDIM-W

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

KT-CLED40PS-S1-8CSB-VDIM
KT-CLED40PS-S1-8CSB-VDIM-W

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

KT-CLED25PS-S1-8CSB-VDIM
KT-CLED25PS-S1-8CSB-VDIM-W

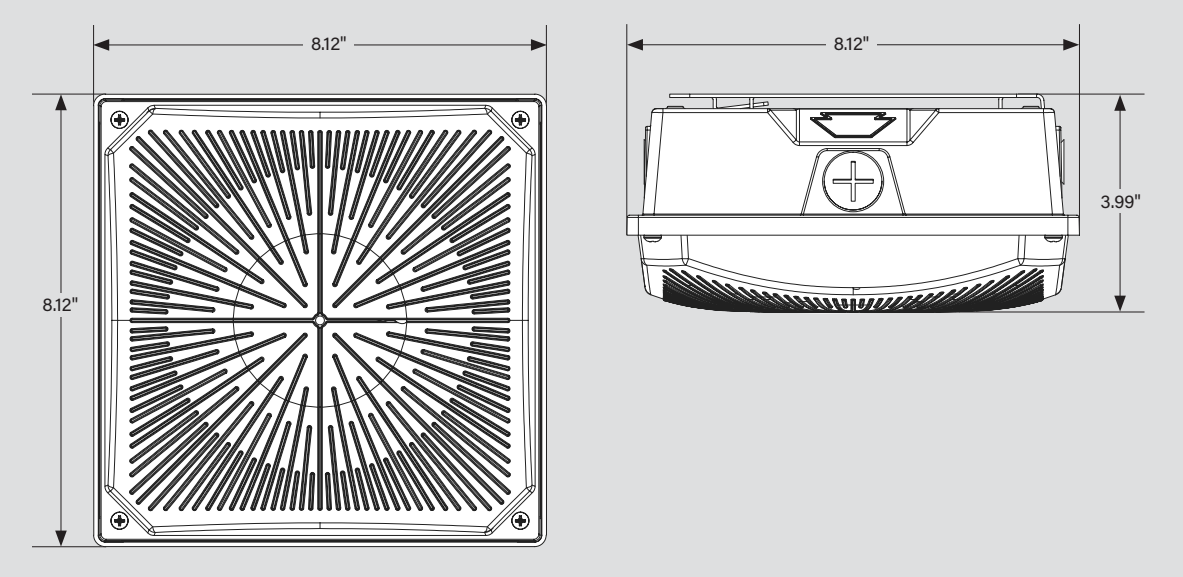
Wattage	CCT
25W 20W 15W	3000K
	4000K
	5000K

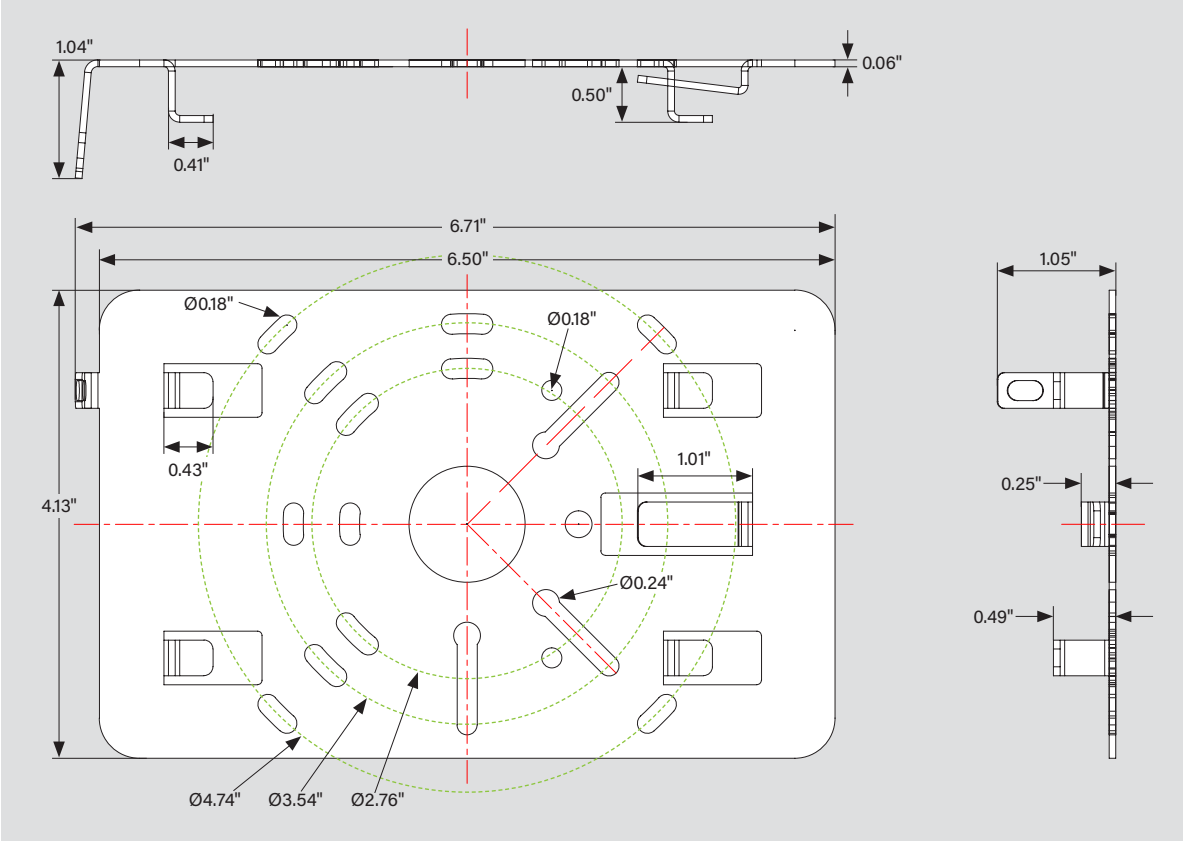
KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

PHYSICAL SPECIFICATIONS

KT-CLED25PS-S1-8CSB-VDIM | KT-CLED25PS-S1-8CSB-VDIM-W | KT-CLED40PS-S1-8CSB-VDIM | KT-CLED40PS-S1-8CSB-VDIM-W



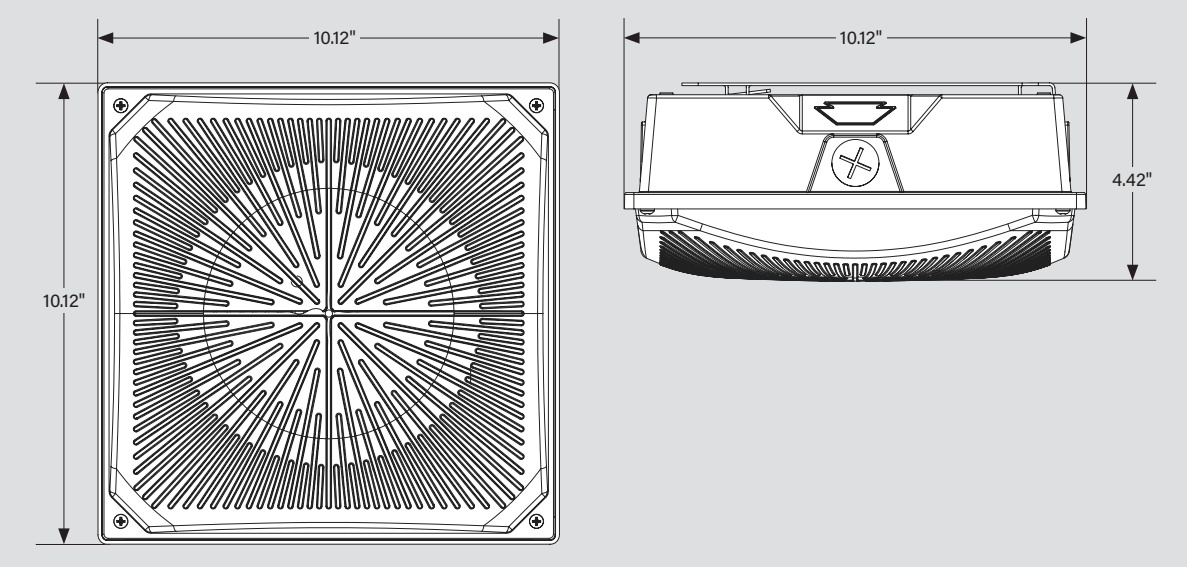


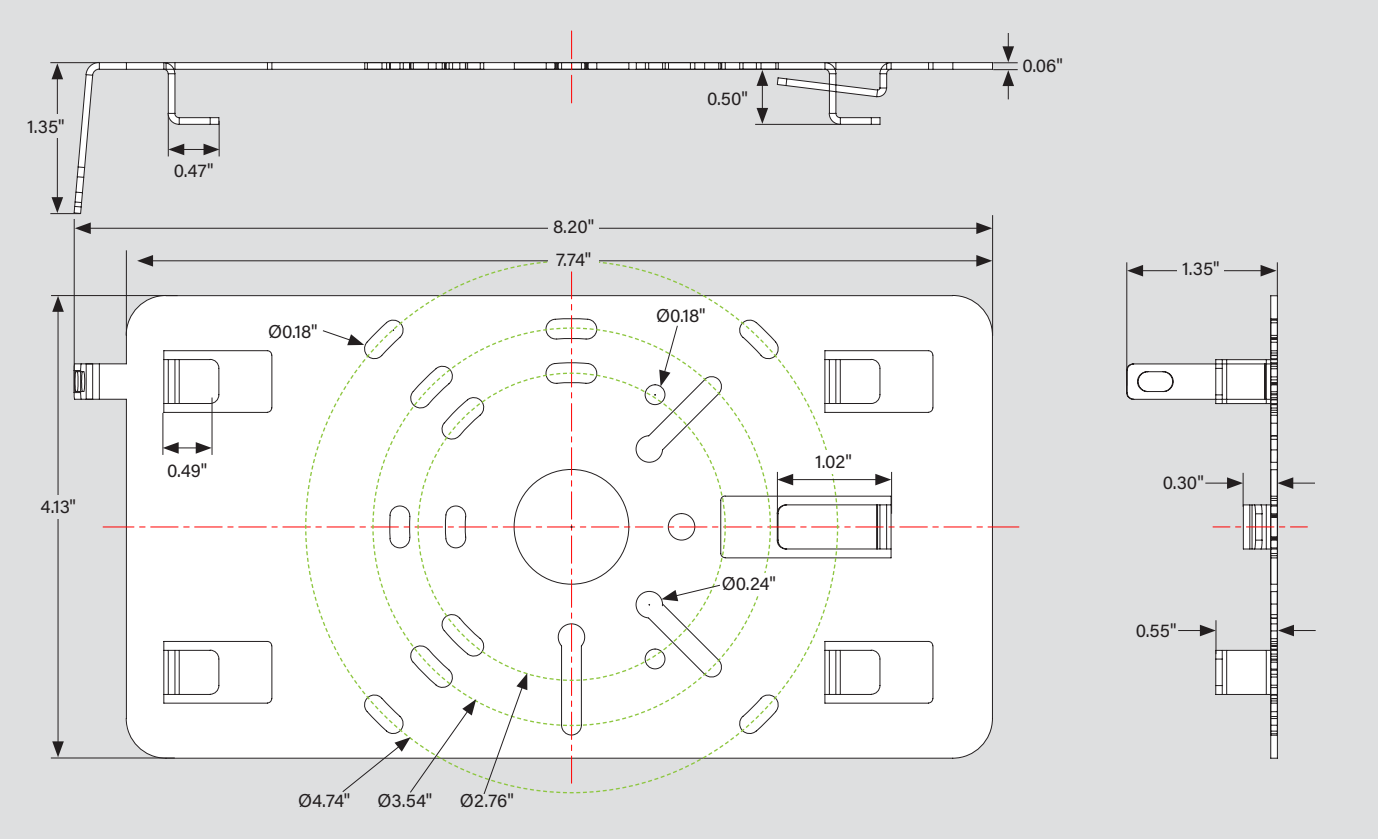
KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

PHYSICAL SPECIFICATIONS (continued)

KT-CLED60PS-M1-8CSB-VDIM | KT-CLED60PS-M1-8CSB-VDIM-W





KT-CLEDXXPS-X1-8CSB-VDIM-X
LED SQUARE CANOPY LIGHT FIXTURE

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 SmartLoop system	843654149066	RUN-10
	/MW3	KTS-MW3-12V-PKO	12V Microwave Occupancy Sensor	843654135212	TRM-32



Screw-in Fixture Controller
KTSL-FC4-12V-PKO



Screw-in Microwave Sensor
KTS-MW3-12V-PKO



**** KTSL-FC4-12V-PKO is not compatible with 25W and 40W square canopies***

LENSES/REFLECTORS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/L110	KT-CLED-LENS-S1-110-KIT	110° beam angle lens | Used on 8" square canopy	843654152011	GNA-34
	/L110	KT-CLED-LENS-M1-110-KIT	110° beam angle lens | Used on 10" square canopy	843654152004	AHD-34

110° Beam Angle Lens
KT-CLED-LENS-S1-110-KIT



110° Beam Angle Lens
KT-CLED-LENS-M1-110-KIT



(Accessories continued on next page)

KT-CLEDXXPS-X1-8CSB-VDIM-X
LED SQUARE CANOPY LIGHT FIXTURE

ACCESSORIES (continued)

MOUNTS/BRACKETS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	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


15" Mounting Back Plate
KT-CLED-BP-15


Surface/Pendant Mount
KT-CLED-SM-1-KIT

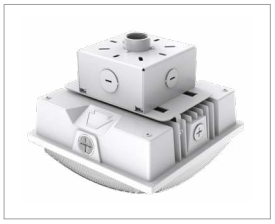



Trunnion Mount Kit
KT-CLED-TM-1-KIT




15" Mounting Back Plate
KT-CLED-BP-15-W


Surface/Pendant Mount
KT-CLED-SM-1-KIT-W



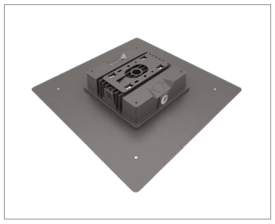

Trunnion Mount Kit
KT-CLED-TM-1-KIT-W



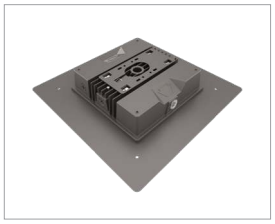
Factory-Installable

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/RP	KT-CLED-S1-PLATE-KIT	15" recessed canopy kit | Includes small fixture plate and hardware | Bronze	843654175041	SHS-03
	/RP	KT-CLED-S1-PLATE-KIT-W	15" recessed canopy kit | Includes small fixture plate and hardware | White	843654174983	YEY-80
	/RP	KT-CLED-M1-PLATE-KIT	15" recessed canopy kit | Includes medium fixture plate and hardware | Bronze	843654175058	SAO-42
	/RP	KT-CLED-M1-PLATE-KIT-W	15" recessed canopy kit | Includes medium fixture plate and hardware | White	843654174990	OSN-81

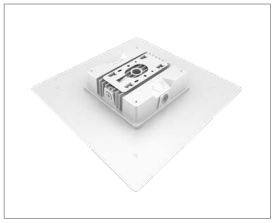

Small Recessed Plate
KT-CLED-S1 -PLATE-KIT



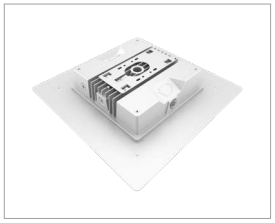

Medium Recessed Plate
KT-CLED-M1-PLATE-KIT



Small Recessed Plate
KT-CLED-S1-PLATE-KIT-W



Medium Recessed Plate
KT-CLED-M1-PLATE-KIT-W



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

KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

ORDERING INFORMATION

Order Code	UPC	Easy Code	DLC Product ID
KT-CLED25PS-S1-8CSB-VDIM	843654151984	WHH-10	S-TB32DJ
KT-CLED25PS-S1-8CSB-VDIM /TAA	843654183589	AAL-52	
KT-CLED25PS-S1-8CSB-VDIM-W	843654183480	ZYG-13	
KT-CLED25PS-S1-8CSB-VDIM /L110	843654163116	XVG-21	S-SYZ8WV
KT-CLED25PS-S1-8CSB-VDIM-W /L110	843654185064	XZB-34	
KT-CLED40PS-S1-8CSB-VDIM	843654151960	YFZ-10	S-2I7S3O
KT-CLED40PS-S1-8CSB-VDIM /TAA	843654183596	CWD-70	
KT-CLED40PS-S1-8CSB-VDIM-W	843654151977	AZF-82	
KT-CLED40PS-S1-8CSB-VDIM /L110	843654163123	AZK-33	S-7BTLCP
KT-CLED40PS-S1-8CSB-VDIM-W /L110	843654163130	NNO-93	
KT-CLED60PS-M1-8CSB-VDIM	843654151953	TDT-55	S-TU8M9J
KT-CLED60PS-M1-8CSB-VDIM /TAA	843654183602	CYX-39	
KT-CLED60PS-M1-8CSB-VDIM-W	843654160146	XEC-85	
KT-CLED60PS-M1-8CSB-VDIM /L110	843654163154	ARQ-04	S-UO7Y3A
KT-CLED60PS-M1-8CSB-VDIM-W /L110	843654163147	GEV-30	

* KT-CLED60PS-M1-8CSB-VDIM /L110 and KT-CLED60PS-M1-8CSB-VDIM-W /L110 are DLC Listed Standard. All other models are DLC Listed Premium.

CATALOG NUMBER BREAKDOWN

KT-CLEDXXPS-X1-8CSB-VDIM-X

1		2	3	4	5	6	7	8	9	10	11	12	13

1 **Keystone Technologies**
2 **Canopy Light Fixture**
3 **LED Technology**
4 **Max Wattage**
5 **Power Select**
6 **Size**
7 **Series 1**
8 **80 CRI**
9 **Color Select**
10 **Color Select Designation**
11 **0–10V Dimming**
12 **Housing Color**
13 **TAA Compliant**

6 Size

S	Small
M	Medium

12 Housing Color

	Bronze
W	White

13 TAA Compliant

/TAA	Made In Mexico

KT-CLEDXXPS-X1-8CSB-VDIM-X

LED SQUARE CANOPY LIGHT FIXTURE

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-CLED60PS-M1-8CSB-VDIM /L110/FC4

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-CLED60PS-M1-8CSB-VDIM /L110

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-CLED60PS-M1-8CSB-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-CLED25PS-S1-8CSB-VDIM

SENSORS / CONTROLLERS

✓	SUFFIX*	CATALOG NUMBER
✓	/FC4	KTSL-FC4-12V-PKO

KTSL-FC4-12V-PKO is not compatible with 25W and 40W square canopies

LENSES

✓	SUFFIX	CATALOG NUMBER
✓	/L110	KT-CLED-LENS-S1-110-KIT