SINCE 1945 KEYSTONE LIGHT MADE EASY | XFIT | POWER SELECT | COLOR SELECT

KT-CLED25PS-S1-8CSB-VDIM

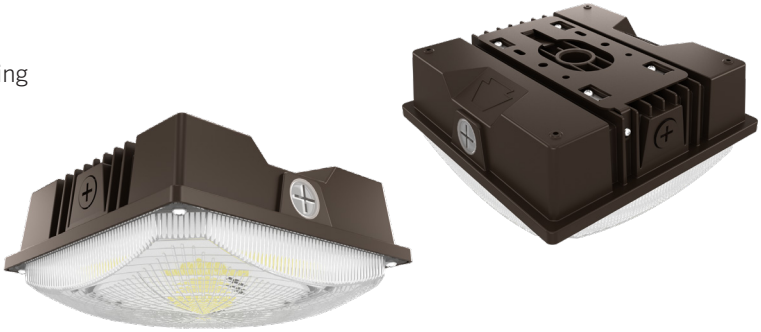
LED CANOPY LIGHT FIXTURE

DESCRIPTION

General Purpose LED Canopy Light | Power Select 25/20/15W | Color Select 3000/4000/5000K | 120–277V Input | Bronze Housing

APPLICATION

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



PRODUCT FEATURES

- Keystone Power Select technology (25/20/15W)
- 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
- Suitable for California Title 24 (Part 6) code compliance requirements when used with suitable sensor / control device(s).
- Optional 110° canopy distribution diffuser available. Perfect for high mounting applications
- KTS-MW3-12V-PKO, quick install bi-level occupancy sensor accessory available
- KTSL-FC4-12V-PKO, Smart Loop 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

PERFORMANCE SPECIFICATIONS

Catalog Number	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimming	CRI	Distribution Pattern	Photocell Included	Nominal Size	Housing Color	Legacy Equivalent
KT-CLED25PS-S1-8CSB-VDIM	25W	3000K	3125	125 lm/W	120–277V	0–10V	>80	160°	Yes	8" square	Bronze	100W MH
		4000K	3500	140 lm/W								
		5000K	3250	130 lm/W								
	20W	3000K	2500	125 lm/W								
		4000K	2800	140 lm/W								
		5000K	2600	130 lm/W								
	15W	3000K	1875	125 lm/W								
		4000K	2100	140 lm/W								
		5000K	1950	130 lm/W								

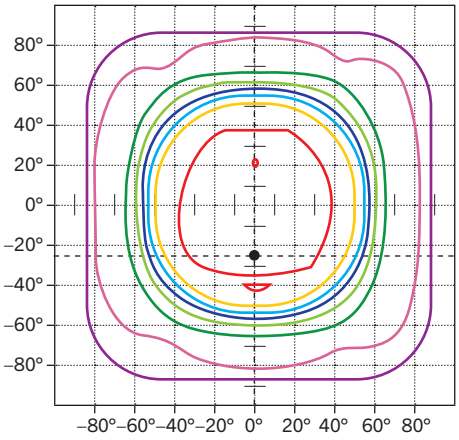
Note: Preset to highest lumen output (25W/5000K)
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

KT-CLED25PS-S1-8CSB-VDIM

LED CANOPY LIGHT FIXTURE

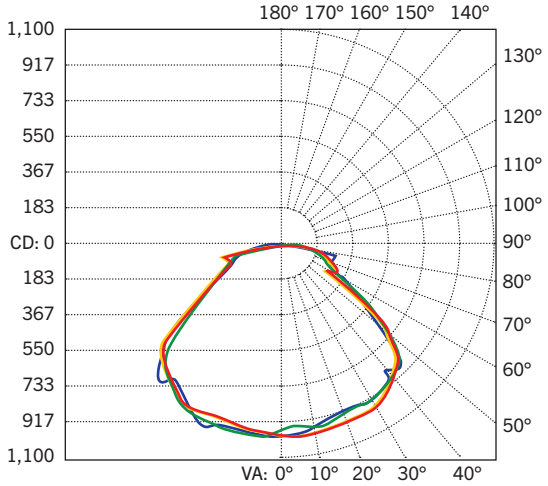
PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



Cd: 911; 90%
Cd: 760; 75%
Cd: 608; 60%
Cd: 506; 50%
Cd: 405; 40%
Cd: 304; 30%
Cd: 203; 20%
Cd: 101; 10%
Point of Max Cd: 1,014.3

POLAR CANDELA DISTRIBUTION

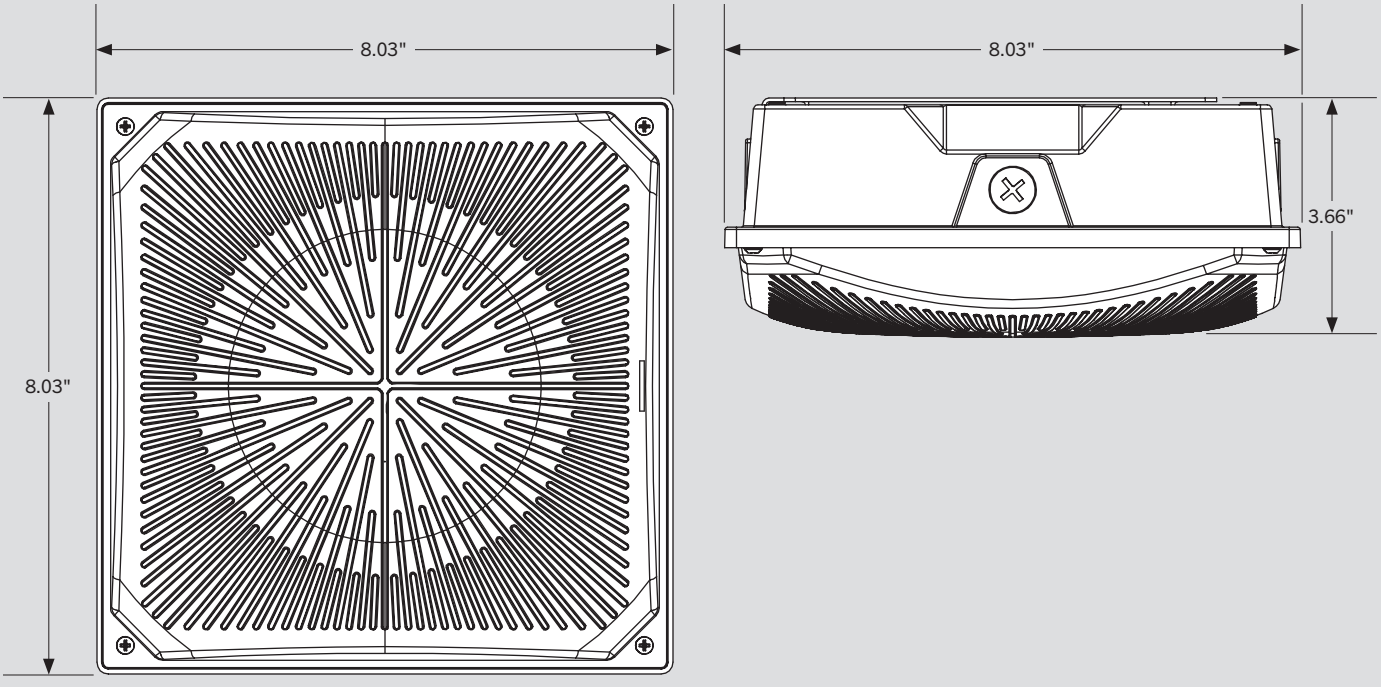


0° H
90° H
22.5° H
45° H
67.5° H

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%

DIMENSIONS

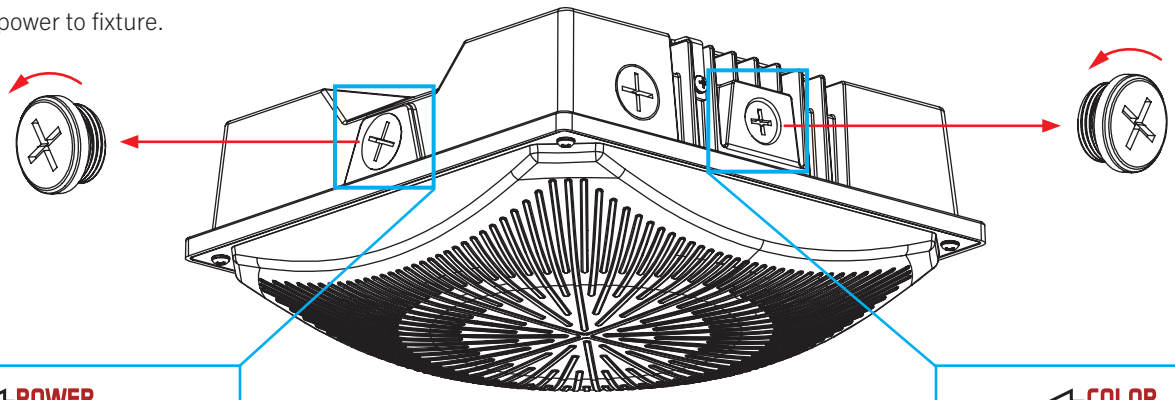


KT-CLED25PS-S1-8CSB-VDIM
LED CANOPY LIGHT FIXTURE

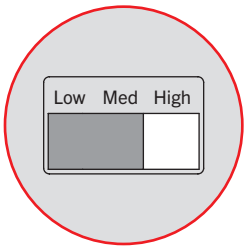
POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

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

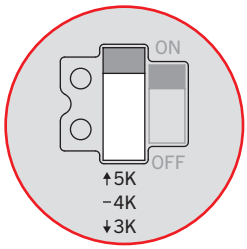
1. Ensure power is off to the fixture.
2. Remove knockouts.
3. Adjust dip switches to desired settings.
4. Replace knockouts.
5. Restore power to fixture.



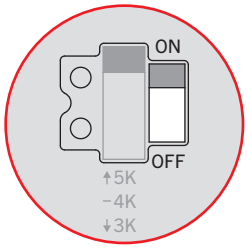
POWER SELECT ADJUSTMENT SWITCH
Set dip switch to adjust wattage between 15W, 20W, and 25W.
Fixture comes preset at 25W.



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



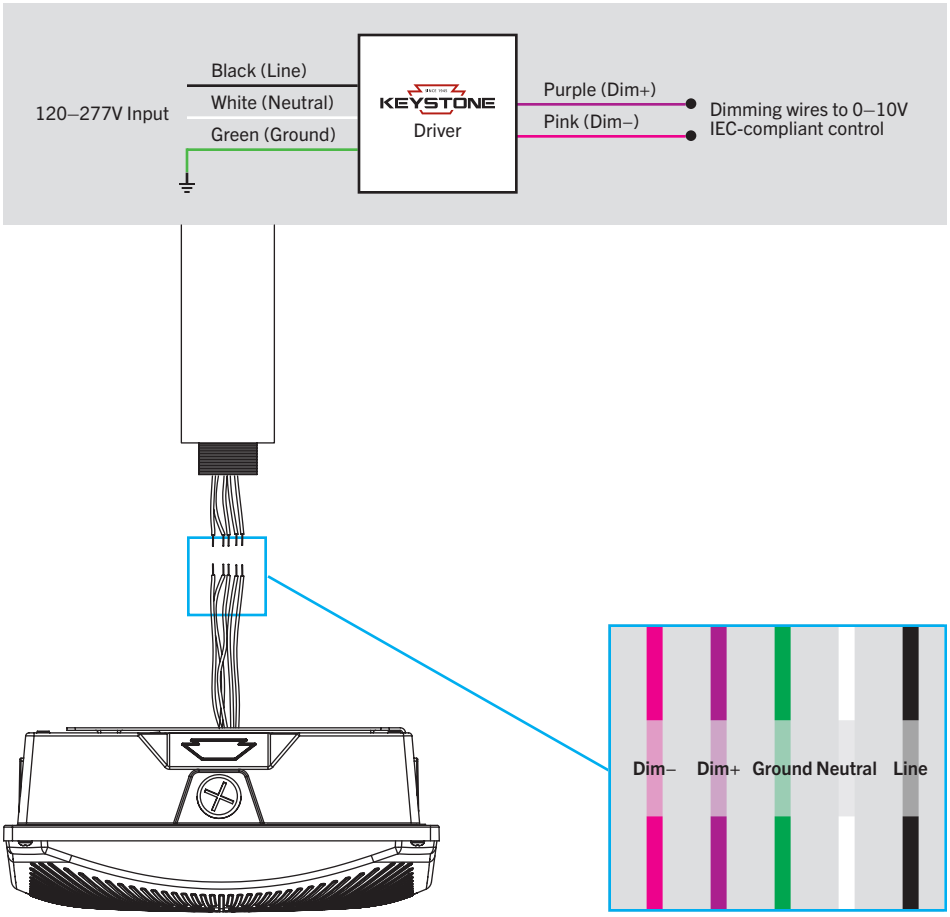
PHOTOCELL ON/OFF SWITCH
Set dip switch to turn on or turn off built-in photocell.



KT-CLED25PS-S1-8CSB-VDIM

LED CANOPY LIGHT FIXTURE

WIRING DIAGRAMS



KT-CLED25PS-S1-8CSB-VDIM
LED CANOPY LIGHT FIXTURE

ACCESSORIES

SENSORS / CONTROLLERS

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

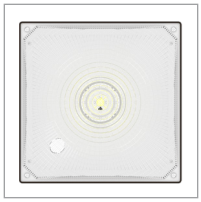
✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC4	KTSL-FC4-12V-PKO	Bluetooth mesh wireless screw-in low voltage fixture controller for SmartLoop system; 12V; 0–10V dimming	843654149066	RUN-10
	/MW3	KTS-MW3-12V-PKO	Screw-in microwave sensor for round high bays; Preset for 10 min hold time, ∞ standby time at 50% dim, daylight disabled	843654135212	TRM-32



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



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



LENSES

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 for 8" square canopy	843654152011	GNA-34

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



MOUNTS AND BRACKETS

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

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-CLED-BP-15	15" mounting back plate for canopy fixture; Bronze	843654152028	FHA-85



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

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

KT-CLED25PS-S1-8CSB-VDIM
LED CANOPY LIGHT FIXTURE

FIXTURE ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	Easy Code
KT-CLED25PS-S1-8CSB-VDIM	1	843654151984	WHH-10

FIXTURE CATALOG NUMBER BREAKDOWN

KT-CLED25PS-S1-8CSB-VDIM

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

1 Keystone Technologies
2 Canopy Light Fixture
3 LED Technology
4 Max Wattage
5 Power Select 25/20/15W
6 Small Size
7 Series 1
8 80 CRI
9 Color Select Technology
10 Color Select 3000/4000/5000K
11 0–10V Dimming
12 Housing Color

12 Housing Color

(blank)	Bronze
W	White

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-CLED25PS-S1-8CSB-VDIM/FC4/L110

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-CLED25PS-S1-8CSB-VDIM/FC4

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-CLED25PS-S1-8CSB-VDIM

KEYSTONE FIXTURE

CATALOG NUMBER
KT-CLED25PS-S1-8CSB-VDIM

SENSORS / CONTROLLERS

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

LENSES

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

** When ordering more then 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.*