Project Name:	Part Number:	Type:

V5 VALUE SELECT

SQUARE CANOPY
LED CANOPY/PARKING GARAGE

ILP
407-478-3759
www.ilp-inc.com

FEATURES

- Rugged low-profile die-cast aluminum housing
- UV stabilized and impact resistant polycarbonate lenses
- Up to 3% uplight eliminates cave effect
- Quick mounting plate with hook on feature allow for easy installation
- Three ½" coin plugs on sides for conduit or photocell
- 4000K or 5000K Color Temperature; Consult Factory for Alternate CCTs
- >80 Color Rendering Index (CRI)
- 0-10V Dimmable Driver to 10%
- IP65 Rated Luminaire
- 120-277V Universal Voltage or 347-480V High Voltage
- Optional Microwave sensor for 360° occupancy detection
- Optional Universal Pencil Photocell
- 5 Year Warranty (std); 10 Year Warranty Optional
- UL Listed for Wet Locations
- DesignLights Consortium® Premium Qualified Luminaire

Diffuse Medium Lens

Parking Garage Wide Lens

Icons: QUICK SHIP | IP65 Low Water Jet Dustproof | TITLE 24 | 5 YEAR WARRANTY | 10 OPTIONAL 10 YR | c UL us LISTED | DLC LISTED PREMIUM

SUITABLE APPLICATIONS

• Walkways • Building Perimeter/Security Lighting • Loading docks • Entrances • Stairways • Car Ports • Parking Garages

ORDERING GUIDE:

SERIES		LUMENS	DRIVER		CCT		LENS		FINISH		WARRANTY	
CP	Square Canopy	3L	U	120-277V	50[10]		BLANK	Diffuse Medium	BLANK	Bronze	BLANK	5 Year
		5L	HV	347-480V	40		PG	Parking Garage Wide	WHT[5]	White	10YR[3,4]	10 Year
		7L							BLK[1]	Black		
		9L										

OPTIONS		CONTROLS OPTIONS	
Factory Installed		**Factory Installed**	
CORD/6FT[11]	6ft 3-Conductor cord without a plug (120V-277V)	MWS[2]	360° Microwave Motion Sensor (120-277V)
CORD/10FT[11]	10ft 3-Conductor cord without a plug (120V-277V)	USBD/Ly[9,11]	Drop Nipple Mount user Select Bi-Level Dim Sensor - Bluetooth (y= Mounting Height 2=8' or 3=20')
SP1[2,6,11]	10KA Max Univolt Surge Protector	BDxx/Ly[11]	Drop Nipple Mount preset Bi-Level Dim Sensor (xx=% ex: 20,30) (y= Mounting Height 2=8' or 3=20')
SP2[2,6,11]	22KA Max Univolt Surge Protector		
SP480V2[11]	20kA Max 480V Surge Protector	BDxxPC/Ly[11]	preset Bi-Level Dim Sensor w/ photocell (xx=% ex: 20,30) (y= Mounting Height 2=8' or 3=20')
FUSE/SXXX[11]	Fuse - Single-line Voltage (120, 277 or 347) - Contact Factory		
FUSE/DXXX[11]	Fuse - Dual-line Voltage (208V, 240V or 480V) - Contact Factory	WLOS/Ly[11]	Drop Nipple Mount PIR Occupancy Sensor (y= Mounting Height 2=8' or 3=20')
FI/ILBCP05[2,8,11]	Remote 5W 120-277V Battery backup		
FI/ILBCP07[2,8,11]	Remote 7W 120-277V Battery backup		
FI/ILBCP10[2,8,11]	Remote 10W 120-277V Battery backup		
FI/ILBCP12[2,8,11]	Remote 12W 120-277V Battery backup		
LEDBBCT[2,8,11]	Remote 14W 120-277V CT Battery backup (-4°-80°F)		
LEDBBCT7[2,8,11]	Remote 7W 120-277V CT Battery backup (-4°-80°F)		

Ships with Accessories		Ships with Accessories	
CP-BP-xxx	14x14 Beauty Plate Kit (xxx=BRZ, BLK, WHT, SLV)	PCU[2,7]	Electronic UNIV Photocell (120-277V)

[1]Bronze/White finish standard, Consult factory for pricing & availability of other finishes; subject to longer lead-times.
[2]Not Available with HV Driver Options
[3]Contact Factory for more details
[4]Requires additional surge protection (SP1,SP2, SP480V2); For additional details see general terms and conditions
[5]Available in 3L, 5L, & 7L lumen packages & 4000K only. For alternates CCT or lumen packages consult factory for pricing and availability.

[6]SP1/SP2 specified in combination with Battery Backups, separate surge protectors are required per electrical line
[7]Not Available with MWS Driver Options
[8]Remote driver box required, see page 3 for more information. Not available in pendant mount.
[9]Requires bluetooth enabled device for programming (provided by others)
[10]Not available in 3L
[11]Does not qualify for DLC for all options except - MWS, PCU, WHT, and BLK

QUICK SHIP ITEMS:

SERIES		LUMENS	DRIVER		CCT		FINISH	
CP	Square Canopy	3L	U	120-277V	50[2]		BLANK	Bronze
		5L			40		WHT[1]	White
		7L						
		9L						

[1]Available in 3L, 5L, & 7L lumen packages & 4000K only. For alternates CCT or lumen packages consult factory for pricing and availability.
[2]Not Avilable in 3L

SQUARE CANOPY

LED CANOPY/PARKING GARAGE

LED SYSTEMS INFORMATION[1]		4000K			5000K				
Part Numbers	Lens	Lumens	Efficacy	DLC	Lumens	Efficacy	DLC	Watts[2]	Replaces
CP-3L	BLANK	3,674 lm	130 lm/W	PRM	3,744 lm	133 lm/W	PRM	28W	100W
CP-5L	BLANK	5,067 lm	128 lm/W	PRM	5,162 lm	130 lm/W	PRM	40W	150W
CP-7L	BLANK	7,638 lm	129 lm/W	PRM	7,792 lm	132 lm/W	PRM	59W	175W
CP-9L	BLANK	8,451 lm	129 lm/W	PRM	8,616 lm	132 lm/W	PRM	65W	250W
CP-3L	PG	3,779 lm	135 lm/W	PRM	3,816 lm	136 lm/W	PRM	28W	100W
CP-5L	PG	5,092 lm	130 lm/W	PRM	5,255 lm	134 lm/W	PRM	40W	150W
CP-7L	PG	7,822 lm	133 lm/W	PRM	7,932 lm	135 lm/W	PRM	59W	175W
CP-9L	PG	8,744 lm	134 lm/W	PRM	8,888 lm	136 lm/W	PRM	65W	250W

[1]Values are nominal, see IES file for more detail
[2]Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

SPECIFICATIONS

CONSTRUCTION

Square Canopy luminaires feature a rugged low-profile die-cast aluminum housing with a durable Bronze or White polyester powder coat finish to withstand extreme weather changes without cracking or peeling (Consult factory for availability of alternate finishes). The UV stabilized and impact resistant polycarbonate lenses are designed to provide maximum rigidity and optical transmissions up to 92% . The lenses seal to the housing with a one-piece gasket creating an IP65 rating for maximum ingress protection.

ELECTRICAL

High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection. 0-10V dimming (10% - 100%) standard. Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac). L70 >50,000 hrs. in accordance of IESNA TM-21-11 Projected values at 25°C Ambient temperature. Total harmonic distortion: <20%. Power factor: >0.90. Input power stays constant over life. Minimum 2.5kV surge rating. See page 3 for 90 min remote battery backup information.

INSTALLATION

The Square Canopy luminaires feature an integral quick surface mount bracket, eliminating the need to open the luminaire during installation to the Junction box or ceiling surface resulting in IP65 ingress protection that is effortless and secure. Three ½" conduit entry points allow for surface-conduit wiring. The CP can also be pendant mounted with ¾ pendant stems (provided by others). Fixture leads exit the back of the casting through a water-tight connector.

OPTICS

Square Canopy ships standard with a diffuse prismatic lens that virtually eliminates glare and optimizes the delivered light for maximum visual comfort. The Square Canopy is also available with an optional prismatic wide distribution lens that is designed specifically to maximize fixture spacing for parking garage applications. Available in 4000K or 5000K color temperature (CCT) per ANSI C78.377. Consult factory for availability of alternate CCTs.

THERMAL

The Square Canopy features an array of High-efficacy LED's on a metal core circuit board. The LED board is mounted directly to a cast alluminum housing with heat dissipating fins to provide excellent thermal performance extending the life of electronic components. Operating Ambient Temperature: -40°C to +40°C (-40°F to 104°F)

CONTROLS

Optional Microwave sensor available for 360 degree motion detection discretely installed behind the polycarbonate lens. The MWS is pre-configured to the unique site application requirements; See page 3 for more details. Three ½" aperatures allow for field or factory installed 120-277V universal electronic photocell.

Optional Drop nipple Bluetooth PIR sensors available installed off the side of the housing. Sensors provide optional on/off control, photocell capability, bi-level dimming, and bluetooth capability allows for onsite modifications (Provided by others)

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional (Terms and Conditions apply).

CERTIFICATIONS

UL Listed for wet locations. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. Title 24 Compliant with MWS option; see local ordinance for qualification information. Tested in accordance with IESNA LM-79 and LM-80 standards.
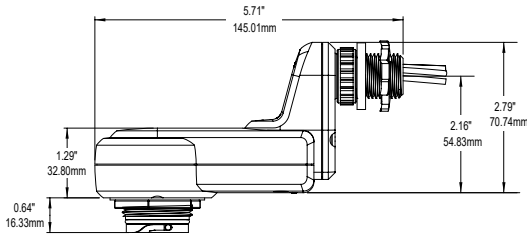
SQUARE CANOPY

LED CANOPY/PARKING GARAGE

CONTROLS OPTIONS

Drop Nipple Sensor

USBD
User Selectable Bi-Level Dimming. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off side of fixture.

BDxx
Factory set Bi-Level Dimming. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied. Example: BD20 sets the fixture to dim down to 20% lumen output when the area is unoccupied. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off side of fixture.

BDxxPC
Factory set Bi-Level Dimming with motion and photocell. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied and will not return to 100% light output unless 1. motion is detected and 2.the light level is below the preset level. Example: BD20PC sets the fixture to dim down to 20% lumen output when the area is unoccupied and will not return to 100% light output unless the above conditions are met for both motion and light level readings. Sensor mounted off side of fixture.

WLOS
Wet location rated occupancy sensor for on/off function only. Sensor mounted off side of fixture.

5.71"
145.01mm

2.79"
70.74mm

2.16"
54.83mm

1.29"
32.80mm

0.64"
16.33mm

MWS Occupancy Sensor

The integral microwave occupancy sensor activates switching of luminaire light levels. The Microwave occupancy sensor is discretely installed behind the polycarbonate lens and is available for universal (120-277V) only. Standard Factory settings: High level light is activated and increased to full bright upon detection of motion. Low light level (10% maximum drive current) is activated when target zone is absent of motion activity for ~3 minutes. Detection Area: 100%, Standby Time: Disabled, Daylight Sensor: Disabled. See coverage diagram for detection cone. Consult Factory for alternate settings.

100%
75%
50%
25%
10%

8 6 4 2 2 4 6 8
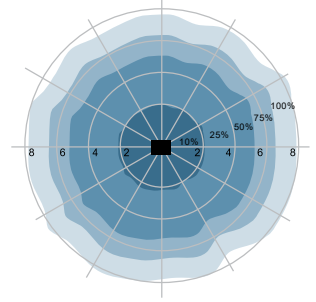
Ceiling mounting pattern (Unit: Ft)
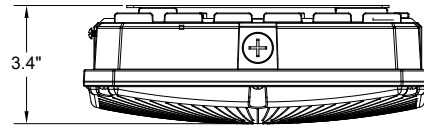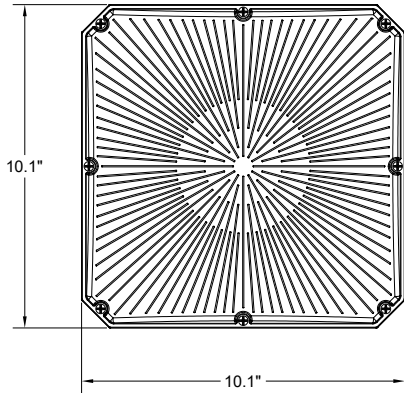Suggested installation height: 9 - 33ft

PCU

Three 1/2" apertures allow for field or factory installed 120-277V universal electronic pencil photocell.
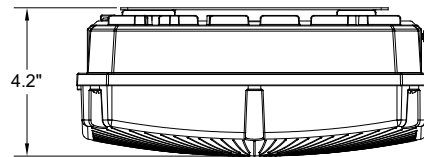
LINE DRAWINGS

Diffuse Medium Lens
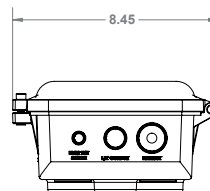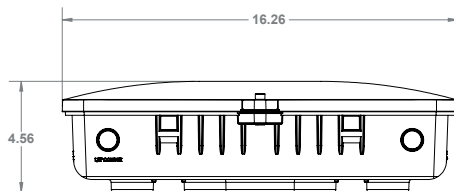
10.1"

10.1"

3.4"

Parking Garage Wide Lens

10.1"

10.1"

4.2"

Remote Driver Box

16.26

4.56

8.45
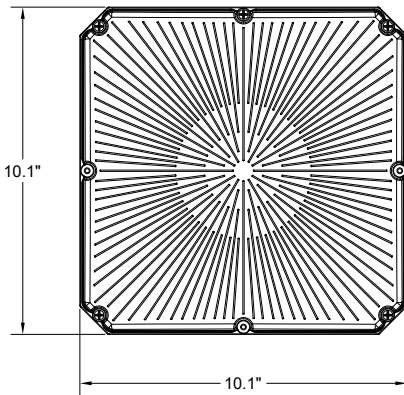
Only available in surface mount; Box must mount near the luminaire. The remote box is provided with a 6' power cord and a 3' liquid tight flexible conduit connects the remote box to the luminaire. Power will be ran to the remote box and will pass to the Canopy through the side knockouts.