

The Ultra-versatile Area Light

The SLD-PK series can fulfill a wide variety of applications with its various light outputs, beam angles, and installation capabilities.

SLD - PK

The SLD-PK series is suitable to replace anything from a low-powered parking lot fixture up to a 1000-watt metal-halide fixture. The PK-series is IP67 rated, allowing it to be spray washed and temporarily submerged. This makes it the ideal solution for environments with high levels of dust and dirt.

These luminaires can be pole mounted, suspended, and surface mounted. The high-quality polycarbonate lens will also withstand exposure to harsh chemicals, making it an excellent solution for mounting in corrosive environments.



Alliance Member

Performance Summary

Light Output:	9,240–38,040 lm
Typical Efficiency:	134–160 lm/W
L90 TM-21-11:	>145,000 hrs (150,000 hrs)
L70 TM-21-11:	>145,000 hrs (457,000 hrs)
CRI Availability:	70-90
CCT Availability:	2700-6500 K
Voltage Compatibility:	120-277/347 Vac
Standard Warranty:	5 years

Applications:

- Dry/Damp/Wet Location
- Flood/Spot/Down Light
- Sports Facility
- Arena/Recreation
- Façade lighting
- Interstate Roadway
- Ports & Rail Yards
- Construction
- Warehouse
- Security

Configurations

- Yoke Bracket Mount
- (Wall/Ceiling/Pendant)
- Pole Mount (Round or Square Pole)
- Suspension Mounted
- Pendant Mounted
- 0/1-10V Dimming
- Photocell
- ANSI Receptacle
- Surge Protection
- Cut-off Visor
- Occupancy Sensor

SLD-PK Area Light Series

SLD-PK-XXXX Specifications

Listing: CSA US-Canada Certified for Wet Locations. DLC QPL Listed. BC Hydro e.Catalog Listed.

LED: Industry-leading Cree ceramic LEDs. Developed for superior lumen and thermal reliability, high light intensity, and easy optical control in a compact chip size.

Optics: Clear impact-resistant polycarbonate (PC) lens. Surface-mounted optics for precise light control, high optical efficiency. Cut-off Visor available for increased glare reduction.

Optical Variations: 10°, 25°, 60°, 90°, 120°, 131°, Type II, Type III

Available CRI: 70, 80, 90

Colour Temperature (CCT): 2700-6500 K

Reported (and Projected) TM-21-11 LED Lumen Maintenance:

L90 (90% light output) > 145,000 hours (Projected 150,000 hours)

L70 (70% light output) > 145,000 hours (Projected 457,000 hours)

Input Voltage: 120-277/347 VAC (50/60 Hz)

Operating Temperature: -40°C to +50°C

Features: 0/1-10V dimming, integrated photocell/receptacle options, multifunctional occupancy sensor, cut-off visor, additional surge protection.

Standard Warranty: 5 years

Construction: High-quality sheet steel housing with powder coating finish for corrosion and harsh environment protection. UL94-V0 ABS housing parts. IP67 LED engine utilizes an robust extruded aluminum heatsink with PC lens cover. All other electrical components rated minimum IP67.

Installation: Ceiling/Pendant/Wall mounting utilizing a standard yoke-style bracket. Pole mountings for 60 mm (2.375 in) slip-fit poles or square post applications. Suspension installation using a supplied galvanized aircraft cable kit.

Standard Dimensions: 55x34x16 cm³ [22x13x6 in³]

Standard Weight: 7.3—8.5 kg [16—19 lb.]

Specifications Table

Base Model	Delivered Lumen (lm)	Power (W)	Efficiency (lm/W)
SLD-PK-0070	9,240	69.1	134
SLD-PK-0100	12,656	94.3	134
SLD-PK-0160	20,880	130	160
SLD-PK-0240	30,360	206	147
SLD-PK-0300	38,040	280	136

Ordering Code (e.g., SLD-PK-0160-277-5K0-70-060-SF-CL-DG-M-S)

LAMP-SERIES CODE	POWER RATING	AC INPUT VOLTAGE	COLOUR TEMPERATURE	CRI	BEAM ANGLE ^a	INSTALL METHOD	DIFFUSER	PAINT COLOR	ACCESSORIES ^b
SLD-PK	0160	277	5K0	70	060	SF	CL	DG	M - S
SLD-PK	0070 (69W)	277 (120-277V)	2K7 (2700K)	70	010 (10°)	CL (Ceiling Mount)	CL	DG (Dark Gray)	D (0/1-10V Dimming)
	0100 (94W)	347 (347V)	4K0 (4000K)	80	025 (25°)	PL (Pole Mount)	WT (White)	WT (White)	M (Multifunction Occupancy Sensor)
	0160 (130W)		5K0 (5000K)	90	060 (60°)	SB (Square Post Mount)			P (Photocell)
	0240 (206W)		6K5 (6500K)		090 (90°)	PD (Pendant Mount)			S (Surge Protection)
	0300 (280W)				120 (120°)	SP (Suspension Mount)			V (Cut-off Visor)
					130 (131°)	WL (Wall Mount)			
					0T2 (Type II)				
					0T3 (Type III)				

ADDITIONAL NOTES:

^aBEAM ANGLE: Described for FWHM beam distribution. For Type II and Type III specific distribution, visit www.lumigen.com to download the IES file.

^bACCESSORIES: Related to Surge Protection. All LED fixtures are susceptible to voltage spikes. Surge protection is highly recommended for industrial and manufacturing applications

