



HELOS +Plus Series

LED High Output Lighting System

The modern marketplace demands luminaires for high output lighting applications that are of sufficient quality, yet economical and cost-effective. These fixtures are extremely compact; having the smallest foot-print and lowest weight compared any equivalent high-powered luminaires for effortless installation. Lumingen Technologies applied their expertise in the field of high output lighting to create the perfect solution, allowing them to bring to market a high performance fixture at a remarkably competitive price point.



SLD-XM-0800 for 90,900 lumens at 800 watts



SLD-XM-0400 for 45,700 lumens at 400 watts



With a maximum available light package in excess of 90,000 lumens, and a wide range of possible beam angles, this family of lighting fixtures can illuminate a sports stadium, port, rail yard, or hydroelectric dam to the highest performance standards. Carefully engineered and assembled, this luminaire features a top-of-the-line LED engine that is compact and powerful. It has the backing of our world class technical support, helping you rest easy for all your lighting needs.

Applications:

- Sports Facilities
- Interstate Roadway
- Ports & Rail Yards
- Construction
- Mining
- Industrial



Lumingen Technologies, Ltd.

Specs subject to change without notice. January 7, 2020

HELOS-PLUS Series

HELOS-PLUS-0400/0800

Specifications

Listing: CSA US-Canada Certified - Suitable for Wet/Damp Locations. IP65 water and dust protection. DLC QPL Listed. e.Catalog Listed.

LED: Industry-leading Cree high-density LEDs using a ceramic base, which yields superior optical traits (>99% reflectivity) and high light intensity, superior heat dissipation, high temperature reliability, and low sensitivity to moisture.

Optics: Clear impact-resistant PC lens. Surface-mounted LED optics for precise light distribution with minimal glare and high efficiency. Optional Beam Angles: 25°, 40°, 60°, 90°, 120°
Optional Beam Types: Type 2, Type 3

Available CRI: 70, 80, 90

Color Temperature (CCT): 2700-6500 K

Projected 90% LED Light Loss Lifespan: >416,000 hours

Projected 70% LED Light Loss Lifespan: >500,000 hours

Input Voltage: 120-277/347/480 VAC, 50/60 Hz

Operating Temperature: -40°C to 55°C

Optional Feature: 0/1-10V dimming, integrated photocell/receptacle, surge protection, wireless control system.

Warranty: 5 years

Construction: High-quality aluminum extrusion body and heat sink core with IP65 rating. Exterior finished with black powder coat for additional corrosion protection and cosmetics. ABS end cap with minimum UL94-V0 rating. Compact and lightweight.

Standard Dimensions:

SLD-XM-0400: 40 cm × 45 cm × 16 cm (16 in × 18 in × 7 in)

SLD-XM-0800: 70 cm × 45 cm × 16 cm (28 in × 18 in × 7 in)

Standard Weight:

SLD-XM-0400: 10 kg (22 lb.)

SLD-XM-0800: 20 kg (43 lb.)

Installation: Bracket-mounted installation: Ceiling, Wall, Pole Mount, Suspension.

EPA Rating (for HELOS-PLUS-0800):

Orientation	Frontal	Lateral
0° from Horizontal	1.20	0.57
45° from Horizontal	3.43	1.10
90° from Horizontal	5.64	1.83

HELOS-PLUS Model No.	Delivered Light (lm)	Wattage (W)	Efficiency (lm/W)
HELOS-PLUS-0400	45,780	400	114
HELOS-PLUS-0800	90,950	800	114

Ordering Code

LAMP TYPE	SERIES CODE	POWER RATING	AC INPUT VOLTAGE	CCT	CRI	OPTICS* (degrees)	INSTALL METHOD	LENS	[NULL]	OPTIONS*
SLD	XM	0800	277	4K0	70	040	SF	CL	00	P-C
SLD	XM (HELOS-PLUS-XXXX Series)	0400 (400W) 0800 (800W)	277 (120~277V) 347 (347V) 480 (480V)	3 K 0 (3000K) 4 K 0 (4000K) 5 K 0 (5000K) 6 K 0 (6000K)	70 80 90	0 2 5 (25°) 0 4 0 (40°) 0 6 0 (66°) 0 9 0 (90°) 1 2 0 (120°) 1 3 0 (131°) 0 T 2 (Type 2) 0 T 3 (Type 3)	S F (Surface) P L (Pole) S P (Suspension)	C L (Clear)	0 0	D (0/1-10VDC Dimming) P (Photocell) C (Wireless Control) S (Surge Protection) X (None)

*NOTES:

OPTICS:

Glare-reduction for beam angles of 131°

ELECTRICAL SURGE:

All LED fixtures are susceptible to voltage spikes. Surge protection is highly recommended for exterior, industrial, and manufacturing applications

