EATON

Powering Business Worldwide

SSLED LED Round High Bay

Quality, style, performance. The **Steeler LED** is a designed for a wide variety of applications and mounting heights. Precision designed optics, multiple distributions, lumen outputs, and color temperatures make the Steeler LED ideal for industrial, commercial, manufacturing, gymnasium, and other applications that utilize traditional HID and linear fluorescent high bays. The proprietary discrete, low-brightness LED module assembly offers exceptional optical performance with the enhanced benefits of LED lighting, including energy savings, extended system life, and a reduced carbon footprint.
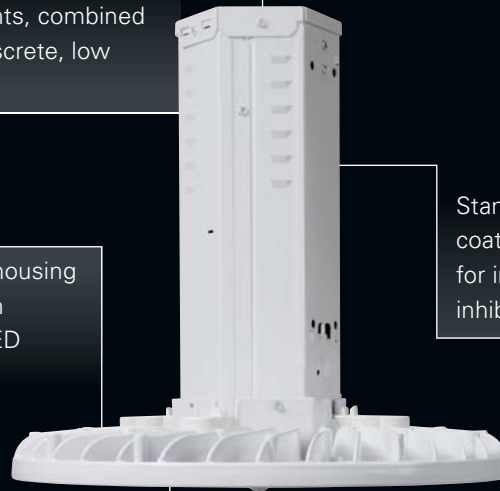
Innovation you can rely on™

Compact design is ideally suited for suspension mounting with various mounting options.

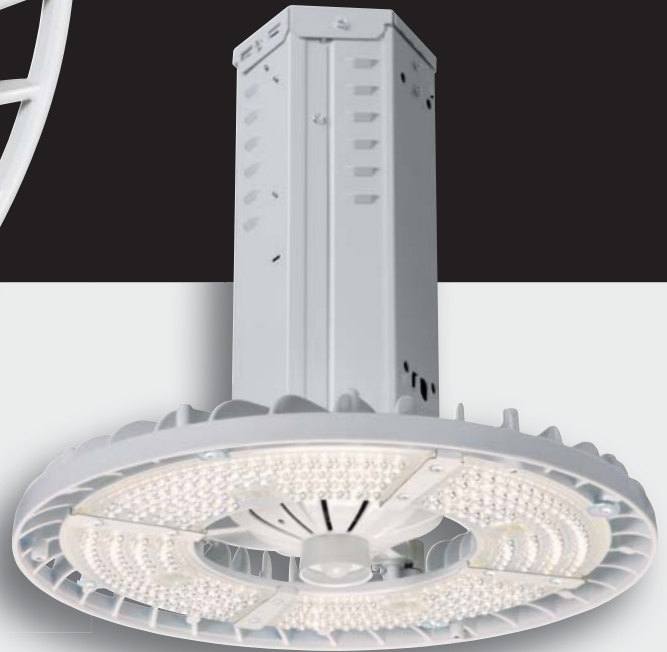Industry leading solid-state technology, including highly efficient components, combined with proprietary discrete, low brightness LEDs.

Standard white polyester powder coat finish painted after fabrication for increased durability and rust inhibition.

Diecast aluminum lower housing provides added protection and thermal control for LED components.

Integral occupancy and daylight dimming sensor for additional control and energy savings.

Precision designed optics deliver optimal distribution and performance.

Construction

- One-piece diecast aluminum lower housing with CRS driver compartment

- White polyester powder coat finish painted after fabrication

- Compact design for ease of installation

- cULus damp location, ROHS and LM79/LM80 compliant

- Suitable for suspension mounting with various mounting options

- Five-year warranty

Performance

- Four standard lumen packages available (12,000, 18,000, 24,000, and 28,000)

- Proprietary low-power, low-brightness LED modules

- High efficacy up to 127 lm/W

- L83 at > 60,000 hours (at 55°C)

- Three Correlated Color Temperatures (3500K, 4000K and 5000K) at ≥ 80 CRI

- -20°C - 55°C ambient environments

Options

- Precision optics – Narrow, Medium and Wide distribution

- Aluminum shroud for traditional aesthetic and additional cut-off

- Field installable Uplight Kit provides up to 10% uplight

- Modular Wiring System (MWS) for easy install

- Integral occupancy and daylight dimming sensor available

- Emergency – 20 watt remote mount

Controls

- Offers control flexibility and easy integration with 0-10V continuous dimming driver, providing additional energy savings when utilizing our integrated sensors.

- Available with native Fifth Light DALI driver for complete digital energy management using the capable and scalable Fifth Light controllers and software.

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fifthlight
technology

Options and Accessories

Round Deco Kit (SSLED-DECO-U)	Aluminum Shroud (SSLED-SA23-U)	Uplight Kit (SSLED-UPL-U)	Fixture Hook (SHK)	Fixture Loop (FL-1)

Ordering Information

Sample Number: SSLED-LD1-24-M-UNV-840-CD2-U

Series [11]	LED Type	LED Lumens Output	Ambient Rating	Distribution	Voltage	CCT
SSLED=LED High Bay	**LD1**=LED 1.0	**12**=12,000 Lumens **18**=18,000 Lumens **24**=24,000 Lumens **28**=28,000 Lumens	**[Blank]**=Standard Ambient **HT**=High Ambient (18, 24 only)	**N**=Narrow **M**=Medium **W**=Wide	**UNV**=Universal Voltage 120-277 **UNC**=Universal Voltage 347/480 [4]	**L835**=3500K **L840**=4000K **L850**=5000K

Options	Driver Type	No. of Drivers	Mounting Type [1, 9]
Emergency **EL20W-REM**=Emergency Installed, Remote, 20 Watts [2, 3, 4]	**CD**=0-10V Dimming Driver **5LTD**=Fifth Light (DALI) Driver [5]	**1**=1 Driver (12, 18) **2**=2 Drivers (18HT, 24, 24HT, 28)	**[Blank]**=3/4" Threaded Hub **TCB**=Top Connector Box [3, 9] **TCB/SHK**=Top Connector Box with Die-cast Aluminum Fixture Hook **TCB/FL-1**=Top Connector Box with Fixture Loop **MP/SHK**=Modular Plug with Fixture Hook (supplied) **MP/FL-1**=Modular Plug with Fixture Loop (supplied)

Wiring		
MP=Modular Plug (1 Circuit) **C3 (1)**=1 Circuit, 3' Cord with no Plug **C3 (2)**=2 Circuits, 3' Cord with no Plug **C6 (1)**=1 Circuit, 6' Cord with no Plug **C6 (2)**=2 Circuits, 6' Cord with no Plug	**PC3/120**=(NEMA L5-15P) 3' Cord with NEMA Plug [8] **PC3/277**=(NEMA L7-15P) 3' Cord with NEMA Plug [8] **PC3/347**=(NEMA L24-20P) 3' Cord with NEMA Plug [8] **PC3/480**=(NEMA L8-20P) 3' Cord with NEMA Plug [8] **PC6/120**=(NEMA L5-15P) 6' Cord with NEMA Plug [8]	**PC6/277**=(NEMA L7-15P) 6' Cord with NEMA Plug [8] **PC6/347**=(NEMA L24-20P) 6' Cord with NEMA Plug [8] **PC6/480**=(NEMA L8-20P) 6' Cord with NEMA Plug [8]

Options	Packaging	Accessories (order separately)	
SVPD3=Integrated Occupancy and Daylight Sensor, 1200 sq. ft. Coverage [7]	**U**=Unit Pack	**SSLED-SA23-U**=Aluminum Shroud [10] **SSLED-WG17-U**=Wireguard [10] **WG22**=Wireguard for use with SA23 [10] **SHK**=Fixture Hook **FL-1**=Fixture Loop **MPC3**=3' Modular Power Cord & Plug (Specify Voltage) **MPC6**=6' Modular Power Cord & Plug (Specify Voltage)	**MC3**=3' Modular Power Cord **MC6**=6' Modular Power Cord **SSLED-DECO-U**=Round Deco Kit [6] **SSLED-UPL-U**=Uplight Kit [10] **ISHH-01**=Programming Remote for Integrated Sensor **ISHH-02**=Personal Control Remote for Integrated Sensor

NOTES: 1. TCB and MP cannot be ordered at the same time. **2.** Battery pack must be remote mounted 1 ft. off-center from fixture to building structure or an electrical enclosure. **3.** No EL with TCB. **4.** No EL with UNC drivers. **5.** DALI and EL20W up to 40°C only (no HT). **6.** Deco shield can be used up to 24,000 lumens (40°C temp.) **7.** Eaton sensor SVPD3 available in UNV only. **8.** SHK or FL-1 must be ordered factory installed for PC option. **9.** Rigid mount not for use in gymnasiums. **10.** Uplight Kit not compatible with SA23 Shroud, WG17 or WG22 wireguards. **11.** DesignLights Consortium™ Qualified and classified for DLC Standard (all lumen packages), refer to www.designlights.org for details.

Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.

Lumen Packages and Ambient Temperature

Lumen	40°C	50°C	55°C
12	STD	STD	STD
18	STD	HT (CD2)	HT (CD2)
24	STD	HT	N/A
28	STD	N/A	N/A

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
55°C	> 83%	121,000

Certification Data

cULus - Damp Location	DesignLights Consortium™ Qualified	LM79/LM80 Compliant	ROHS Compliant	NOM Compliant

Photometrics

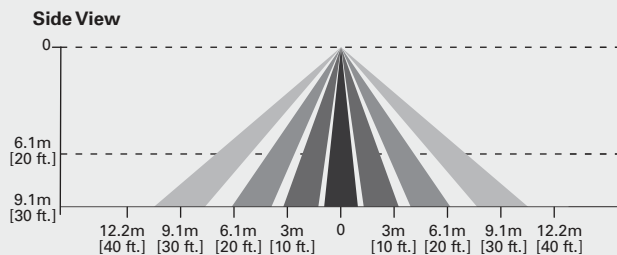| Narrow Distribution, 19,101 Lumens	Medium Distribution, 19,436 Lumens	Wide Distribution, 19,229 Lumens
Electronic Driver Linear LED 4000K Spacing criterion: (∥) 0.8 x mtg height, (⊥) 0.8 x mtg height Lumens = 19,101 Input Watts = 162W Efficacy = 117.9 lm/W Test: SSLED-LD1-18-N-UNV-L840-CD1-U	Electronic Driver Linear LED 4000K Spacing criterion: (∥) 1.3 x mtg height, (⊥) 1.3 x mtg height Lumens = 19,436 Input Watts = 162W Efficacy = 120.0 lm/W Test: SSLED-LD1-18-M-UNV-L840-CD1-U	Electronic Driver Linear LED 4000K Spacing criterion: (∥) 1.9 x mtg height, (⊥) 1.9 x mtg height Lumens = 19,229 Input Watts = 162W Efficacy = 118.7 lm/W Test: SSLED-LD1-18-W-UNV-L840-CD1-U

Steeler LED Performance

Catalog Number	Description	Delivered Lumens	Watts	Efficacy (lm/W)
Narrow				
SSLED-LD1-12-N-UNV-L840-CD1-U	Steeler LED 12,000 Lumen, Narrow Dist, 4000K, 0-10V	13186	106	124
SSLED-LD1-18-N-UNV-L840-CD1-U	Steeler LED 18,000 Lumen, Narrow Dist, 4000K, 0-10V	19101	162	118
SSLED-LD1-24-N-UNV-L840-CD2-U	Steeler LED 24,000 Lumen, Narrow Dist, 4000K, 0-10V	24188	224	108
SSLED-LD1-28-N-UNV-L840-CD2-U	Steeler LED 28,000 Lumen, Narrow Dist, 4000K, 0-10V	27090	271	100
Medium				
SSLED-LD1-12-M-UNV-L840-CD1-U	Steeler LED 12,000 Lumen, Medium Dist, 4000K, 0-10V	13417	106	127
SSLED-LD1-18-M-UNV-L840-CD1-U	Steeler LED 18,000 Lumen, Medium Dist, 4000K, 0-10V	19435	162	120
SSLED-LD1-24-M-UNV-L840-CD2-U	Steeler LED 24,000 Lumen, Medium Dist, 4000K, 0-10V	24611	224	110
SSLED-LD1-28-M-UNV-L840-CD2-U	Steeler LED 28,000 Lumen, Medium Dist, 4000K, 0-10V	27564	271	102
Wide				
SSLED-LD1-12-W-UNV-L840-CD1-U	Steeler LED 12,000 Lumen, Wide Dist, 4000K, 0-10V	13274	106	125
SSLED-LD1-18-W-UNV-L840-CD1-U	Steeler LED 18,000 Lumen, Wide Dist, 4000K, 0-10V	19229	162	119
SSLED D1-24-W-UNV-L840-CD2-U	Steeler LED 24,000 Lumen, Wide Dist, 4000K, 0-10V	24350	224	109
SSLED-LD1-28-W-UNV-L840-CD2-U	Steeler LED 28,000 Lumen, Wide Dist, 4000K, 0-10V	27272	271	101

Integrated Sensor

The Steeler LED with Integrated Sensor technology provides automatic energy savings without sacrificing performance. Traditionally these types of energy savings required coordination between the luminaire and a lighting control system. The Steeler LED delivers superior lighting with integrated occupancy and daylighting controls.

SVPD3 Coverage Pattern

Side View

Optional Remote Control

ISHH-01

Title 24 Compliant

RECOMMENDED APPLICATIONS	Can be used to comply with **T24** California Non-Residential Lighting Controls requirements	MEETS AND EXCEEDS TITLE 24 WITH ADDITIONAL CONTROLS
Warehouse Industrial Open Area	✓	
Warehouse Aisles	✓	Occupancy Sensor Luminaire Dimming
Manufacturing	✓	
Cafeteria, Multipurpose and Gym	✓	Daylighting Control Tuning Control
Big Box and Retail	✓	

NOTES: **1.** Power Adjustment Factor (PAF) available when coupled with controls. See 140.6-A of California Title 24. **2.** For more details on Title 24, refer to eaton.com/lightingenergyexperts

**Our Lighting
Product Lines**

Halo
Halo Commercial
Portfolio
Iris
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Lumière
Streetworks
AtLite
Sure-Lites

**Our Controls
Product Lines**

Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)

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