

DESCRIPTION

The Steeler LED is 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⁽⁹⁾ 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, a reduced carbon footprint.

SPECIFICATION FEATURES

Construction

Diecast aluminum lower housing provides added protection for LED components and optimal performance. Upper driver housing consist of heavy gauge CRS for durability and thermal control.

Electrical

Long-life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3500K, 4000K and 5000K with a CRI ≥ 80. cULus listed. Electronic drivers are available for 120-277V, 347V and 480V applications. Standard 0-10V dimming. Or, specify the Digital Addressable Lighting Interface (DALI) drivers for use with Fifth Light controls.

Finish

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

Optics

Precision designed, high-impact polycarbonate optics deliver even illumination. Narrow, medium and wide distribution ensures superior performance to key areas within an application. Additional performance options include a low profile optical shroud and uplight reflector. IP65 rated optics.

Options

Integral Occupancy Sensor available and provides 1200 sq. ft. of coverage in a maximum mounting height of 30'.

Mounting

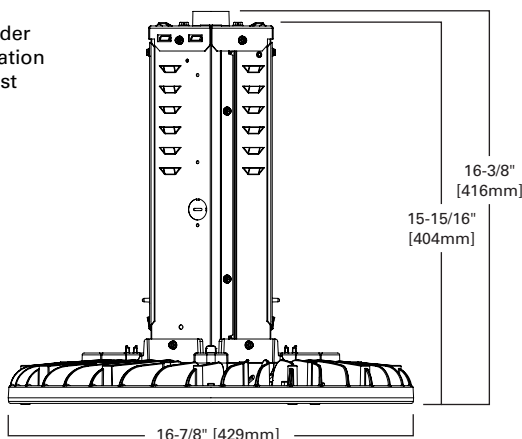
The SSLED series is ideally suited for suspension mounting with various mounting options.

Compliance

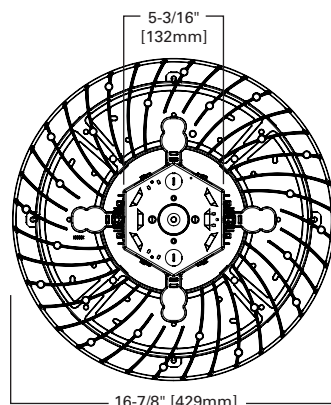
Luminaires are cULus listed for damp locations -40°C - 55°C ambient environments with 0-10V drivers (see chart). RoHS compliant, and LED modules comply with IESNA LM-79 and LM-80 standards. DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.

Warranty

Five-year warranty.



DIMENSION TOP VIEW



**SS
LED**

LED Round High Bay



ENERGY DATA

Input Watts:

9 (9,000 lumens)=64W
12 (12,000 lumens)=85W
15 (15,000 lumens)=111W
18 (18,000 lumens)=134W
24 (24,000 lumens)=190W
30 (30,000 lumens)=266W
36 (36,000 lumens)=334W

LINEAR DISCONNECT

Safe and convenient means of
disconnecting power



PS507014EN
August 17, 2018 8:46 AM

ENERGY AND PERFORMANCE DATA BY CATALOG NUMBER

Catalog Number		Description	Performance		
			Delivered Lumens	Watts	Efficacy (lm/W)
Narrow					
SSLED-LD5-9-N-UNV-L850-CD1-U	Steeler LED 9,000 Lumen, Narrow Dist, 5000K, 0-10V	9,576	64	149	
SSLED-LD5-12-N-UNV-L850-CD1-U	Steeler LED 12,000 Lumen, Narrow Dist, 5000K, 0-10V	12,769	85	150	
SSLED-LD5-15-N-UNV-L850-CD1-U	Steeler LED 15,000 Lumen, Narrow Dist, 5000K, 0-10V	15,829	111	143	
SSLED-LD5-18-N-UNV-L850-CD1-U	Steeler LED 18,000 Lumen, Narrow Dist, 5000K, 0-10V	18,596	134	139	
SSLED-LD5-24-N-UNV-L850-CD2-U	Steeler LED 24,000 Lumen, Narrow Dist, 5000K, 0-10V	24,918	191	131	
SSLED-LD5-30-N-UNV-L850-CD2-U	Steeler LED 30,000 Lumen, Narrow Dist, 5000K, 0-10V	31,531	266	118	
SSLED-LD5-36-N-UNV-L850-CD2-U	Steeler LED 36,000 Lumen, Narrow Dist, 5000K, 0-10V	36,789	334	110	
Medium					
SSLED-LD5-9-M-UNV-L850-CD1-U	Steeler LED 9,000 Lumen, Medium Dist, 5000K, 0-10V	9,743	64	152	
SSLED-LD5-12-M-UNV-L850-CD1-U	Steeler LED 12,000 Lumen, Medium Dist, 5000K, 0-10V	12,993	85	152	
SSLED-LD5-15-M-UNV-L850-CD1-U	Steeler LED 15,000 Lumen, Medium Dist, 5000K, 0-10V	16,106	111	145	
SSLED-LD5-18-M-UNV-L850-CD1-U	Steeler LED 18,000 Lumen, Medium Dist, 5000K, 0-10V	18,921	134	141	
SSLED-LD5-24-M-UNV-L850-CD2-U	Steeler LED 24,000 Lumen, Medium Dist, 5000K, 0-10V	25,353	191	133	
SSLED-LD5-30-M-UNV-L850-CD2-U	Steeler LED 30,000 Lumen, Medium Dist, 5000K, 0-10V	32,082	266	120	
SSLED-LD5-36-M-UNV-L850-CD2-U	Steeler LED 36,000 Lumen, Medium Dist, 5000K, 0-10V	37,432	334	112	
Wide					
SSLED-LD5-9-W-UNV-L850-CD1-U	Steeler LED 9,000 Lumen, Wide Dist, 5000K, 0-10V	9,640	64	150	
SSLED-LD5-12-W-UNV-L850-CD1-U	Steeler LED 12,000 Lumen, Wide Dist, 5000K, 0-10V	12,855	85	151	
SSLED-LD5-15-W-UNV-L850-CD1-U	Steeler LED 15,000 Lumen, Wide Dist, 5000K, 0-10V	15,935	111	144	
SSLED-LD5-18-W-UNV-L850-CD1-U	Steeler LED 18,000 Lumen, Wide Dist, 5000K, 0-10V	18,721	134	140	
SSLED-LD5-24-W-UNV-L850-CD2-U	Steeler LED 24,000 Lumen, Wide Dist, 5000K, 0-10V	25,085	191	132	
SSLED-LD5-30-W-UNV-L850-CD2-U	Steeler LED 30,000 Lumen, Wide Dist, 5000K, 0-10V	31,742	266	119	
SSLED-LD5-36-W-UNV-L850-CD2-U	Steeler LED 36,000 Lumen, Wide Dist, 5000K, 0-10V	37,035	334	111	

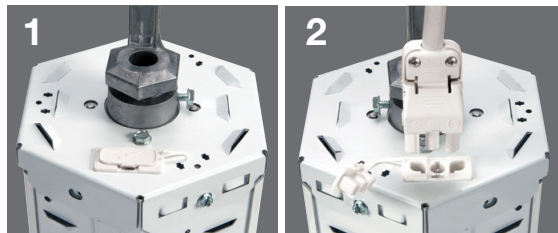
LUMEN MAINTENANCE

Lumens	Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (hours)
24,000 lumen	25°C	> 88%	> 167,000
30,000 lumen	25°C	> 73%	> 68,500
36,000 lumen	25°C	> 68%	> 55,000

LUMEN PACKAGES AND AMBIENT TEMPERATURE

Lumen Package	Ambient	Driver		Reflector		EM
		CD	5LTD	Open	Lensed	
SSLED-LD5-9	55C	55C	40C	55C	55C	40C
SSLED-LD5-12	55C	55C	40C	55C	55C	40C
SSLED-LD5-15	55C	55C	40C	55C	55C	40C
SSLED-LD5-18	40C	40C	40C	40C	40C	40C
SSLED-LD5-18HT	55C	55C	N/A	55C	55C	N/A
SSLED-LD5-24	40C	40C	40C	40C	40C	40C
SSLED-LD5-24HT	50C	50C	N/A	50C	50C	N/A
SSLED-LD5-30	40C	40C	40C	40C	40C	40C
SSLED-LD5-36	40C	40C	40C	40C	35C	40C

Modular Power Supply Option



1. Modular Power Supply Receptacle supplied mounted into fixture Access Plate.

2. Modular Power Cord & Plugs in 120, 277, 347, & 480V configurations for easy plug & power into existing supply.

Eaton's Modular Power Supply option is available for use with the SSLED. The modular power supply allows external fixture access for safe and easy servicing. Access to the individual fixture's power supply allows servicing without turning off all the fixtures disrupting occupants. Eaton's Modular Power Supply is a time saver in installation – **simply plug & power.**

ORDERING INFORMATION

SAMPLE NUMBER: SSLED-LD5-24-M-UNV-L840-CD2-U

Series ⁽¹⁴⁾ SSLED =LED High Bay LED Type LD5 =LED 5.0 LED Lumen Output 9 =9,000 Lumens 12 =12,000 Lumens 15 =15,000 Lumens 18 =18,000 Lumens 24 =24,000 Lumens 30 =30,000 Lumens 36 =36,000 Lumens Ambient Rating [Blank] =Standard Ambient HT =High Ambient (18, 24 only) Distribution N =Narrow M =Medium W =Wide	Voltage UNV =Universal Voltage 120-277 UNC =Universal Voltage 347/480 ⁽⁴⁾ CCT L835 =3500K L840 =4000K L850 =5000K Options Emergency EL20W-REM =Emergency Installed, Remote, 20 Watts ^{(2), (3), (4), (5)} Driver Type CD =0-10V Dimming Driver 5LTD =Fifth Light DALI ⁽⁵⁾ Number of Drivers 1 =1 Driver (9, 12, 15, 18) 2 =2 Drivers (18HT, 24, 24HT, 30, 36)	Color [Blank] =White GRY =Gray BLK =Black Mounting Type ^{(1), (8)} [Blank] =3/4" Threaded Hub SHK =Fixture Hook ⁽⁸⁾ 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 =Modular Plug (1 Circuit) ⁽¹¹⁾ MP/SHK =Modular Plug with Fixture Hook (supplied) MP/FL-1 =Modular Plug with Fixture Loop (supplied) Wiring 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 SVPD3 =Integrated Occupancy and Daylight Sensor, 1200 sq. ft. Coverage ^{(7), (13)} LWR =LumaWatt Wireless Sensor system Packaging U =Unit Pack Accessories (order separately) LOOP-10 =Ten Foot Loop Hanger, #2 Cable ⁽¹²⁾ LOOP-30 =Thirty Foot Loop Hanger, #2 Cable ⁽¹²⁾ SSLED-SA23-U =Aluminum Shroud ^{(10), (13)} SSLED-WG17-U =Wireguard ⁽¹⁰⁾ WG22 =Wireguard for use with SA23 ⁽¹⁰⁾ SSLED-CLR22-U =Clear Reflector ^{(5), (13)} SSLED-FRR22-U =Frosted Reflector ^{(5), (13)} SSLED-CLDL22 =Clear Drop Lens ^{(5), (13)} SSLED-CLCDL22 =Clear Conical Drop Lens ^{(5), (13)} SSLED-FRDL22 =Frosted Drop Lens ^{(5), (13)} SSLED-FRCDL22 =Frosted Conical Drop Lens ^{(5), (13)} 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⁾ Refer to ambient ratings chart for specific ambient limits per lumen package and options. ⁽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⁾ MP option to be paired with MPC and MC power cord accessory. ⁽¹²⁾ The accessory Loop Hanger shall be utilized only as a secondary safety and not the primary means of mounting. ⁽¹³⁾ Reflectors not compatible with sensor options. ⁽¹⁴⁾ DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.

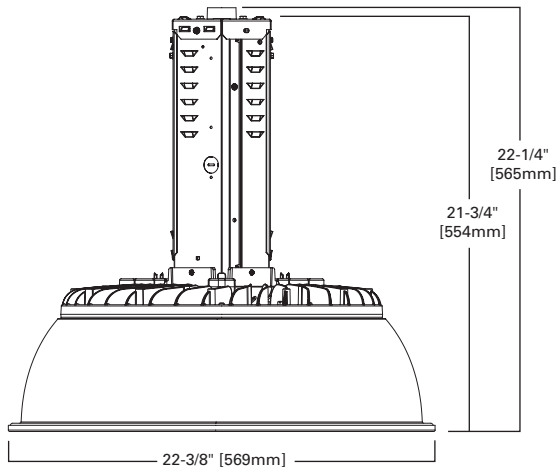
Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.



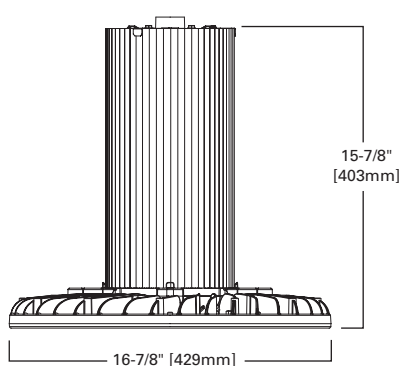
Connected Systems
[CLICK HERE](#)

ACCESSORIES

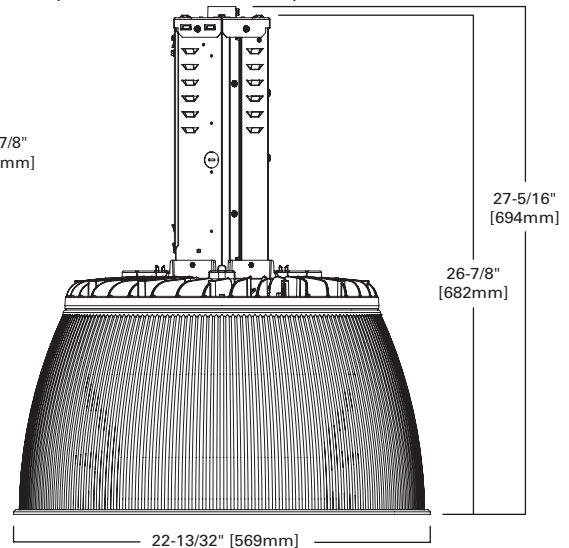
SSLED-W/ SHROUD ACCESSORY KIT
(KIT: SSLED-SA23-U)



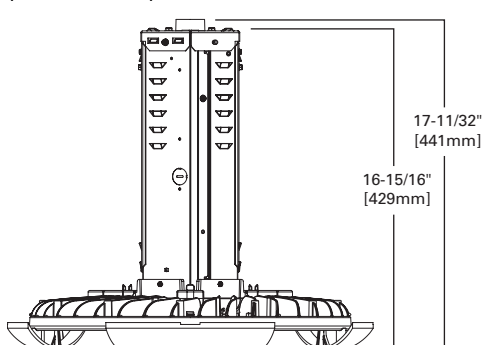
SSLED-W/ROUND DECO SHIELD
(KIT: SSLED-DECO-U)



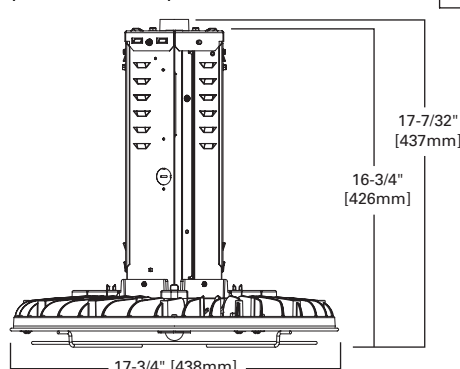
SSLED W/ REFLECTOR ACCESSORY KIT
(CLEAR KIT: SSLED-CLR22-U)
(FROSTED KIT: SSLED-FRR22-U)



SSLED-W/ UPLIGHT ACCESSORY KIT
(KIT: SSLED-UPL-U)



SSLED-W/WIRE GUARD
(KIT: SSLED-WG17-U)



SHIPPING DATA

Catalog No.	Wt.
SSLED-LD5-9	19 lbs.
SSLED-LD5-12	19 lbs.
SSLED-LD5-15	19 lbs.
SSLED-LD5-18	19 lbs.
SSLED-LD5-24	19 lbs.
SSLED-LD5-30	19 lbs.
SSLED-LD5-36	19 lbs.

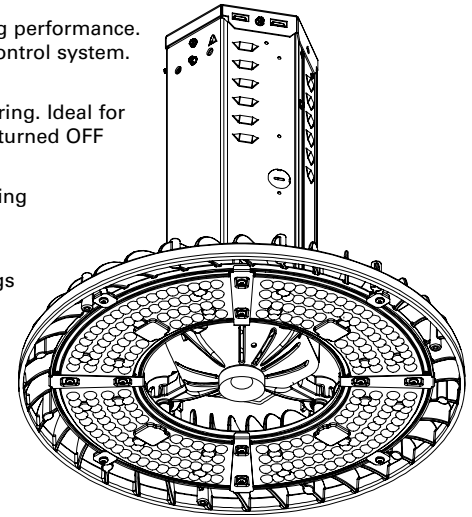
INTEGRATED SENSOR

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.

Capture the benefits of traditional lighting controls, without complicated coverage planning or special wiring. Ideal for new construction or retrofit the Steeler LED delivers automatic ON to an energy saving light level, while turned OFF when the space is unoccupied.

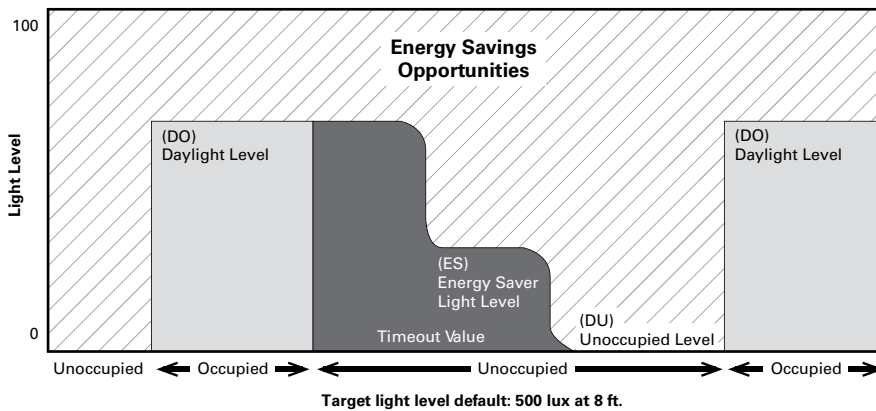
Occupied light levels and unoccupied light levels can be adjusted using the integrated sensor programming remote (Catalog Number: ISHH-01). The integrated sensor personal remote (Catalog Number: ISHH-02) provides code compliant manual raise, lower, ON, OFF control.

The Steeler LED with Integrated Sensor is easy to install with no special wiring and ensures energy savings out-of-the-box with default control settings.

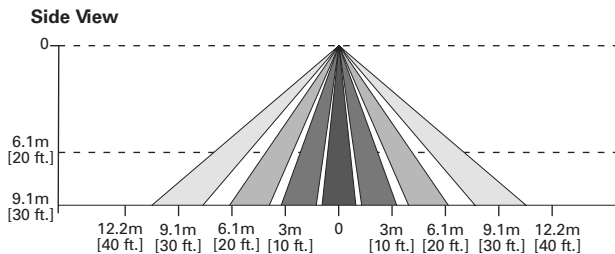


How it works:

- As the user enters the space controlled by the integral sensor, the lighting turns ON to full light output. This can be changed using the optional remote.
- Lighting will remain at that the occupied level until the space is unoccupied. This will start the occupancy timeout period (default 20 minutes).
- If the space remains unoccupied for half of the timeout period, the lighting will automatically reduce to the Energy Saver light level. This adjustable light level is typically half of the occupied level.
- At the end of the timeout period the lighting will go to the unoccupied light level. This adjustable light level uses the OFF default setting.



SVPD3 Coverage Pattern



Optional Remote Controls



ISHH-01 Remote



ISHH-02 Remote