

HYPERLITE
www.hi-hyperlite.com

Use hyperlite Led linear high bay light
enjoy brighter life now

If you need more information about our lights,
please email us or phone us 24h

Email: info@hi-hyperlite.com
Toll-free number: +1(855) 688 7879

HYPERLITE
LED LIGHTING
www.hi-hyperlite.com

learn more
Instruction manual



Thanks for your purchase!

LED LINEAR HIGH BAY LIGHT

SKY Series



FEATURES & SPECIFICATIONS

◆ HOUSING

With patented super slim, minimalist-inspired design, one strip of stamping aluminum housing provides big cooling area and excellent thermal transfer to extend component life. Operation temperature -40°C to 50°C Components are RoHS compliant.

◆ DISTRIBUTION

Adopting high-transmittance PC or acrylic optic lens, widely application due to 6 types of lens available: 30°/60°/90°/120°/double asymmetric 20°/single asymmetric 20°.

◆ LED LIGHT ENGINE

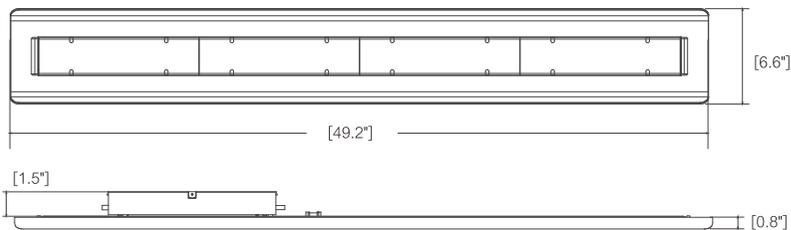
High performance LED delivering up to 140 lumens per watt CRI>70, CRI>80 for option

◆ INSTALLATION

Mounting options include steel hook & cord or options Listings — Listed by UL to meet UL standards for wet location and CE, RoHS, SAA approved. DLC listing. Please check the DLC Qualified, Products list to confirm (www.designlights.org/QPL) temperatures from -40°C up to 55°C.

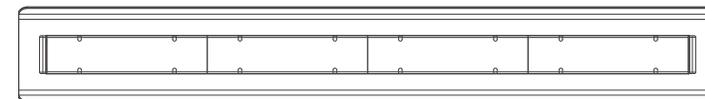
◆ WARRANTY

5 years warranty.



HYPERLITE LED Luminaire

Industrial LED Linear High Bay Lighting (SKY Series)



PACKAGING INFORMATION

Model	Power	Lumens	Luminaire Efficacy	Input Voltage	Qty/Ctn	Net Weight	Cross Weight	CTN Size
CES-LS-SKY-100W	100W	14000LM	140lm/w	100-277VAC	1	10 ± 1 lb	11 ± 1 lb	51.4"*6.0"*9.1"
CES-LS-SKY-150W	150W	21000LM						
CES-LS-SKY-200W	200W	28000LM						
CES-LS-SKY-240W	240W	33600LM						

Features

- UL&CUL No E483348 Suitable for Wet Locations
- IP65 Rated Ingress Protection

ATTENTION BEFORE YOU INSTALL

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT

- RISK OF ELECTRIC SHOCK**
- Turn power off before inspection, installation or removal.
 - Properly ground electrical enclosure.
 - Follow all NEC and local codes.
 - Use only UL or IEC approved wire for input/output connections.

Prepare Electrical Wiring

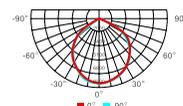


Electrical Requirements
The LED driver must be supplied with 100-277 VAC, 50/60 Hz per product label and connected to an individual properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker.



Grounding Instructions
The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

120° DISTRIBUTION



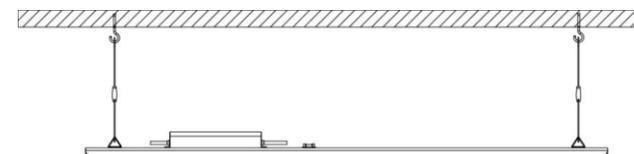
100W/13000lm	150W/20000lm	200W/26000lm	240W/31200lm	
56.9fc	81.3fc	105.2fc	119.0fc	9.8 ft
14.2fc	20.3fc	26.3fc	29.7fc	20 ft
8.0fc	11.4fc	14.8fc	16.7fc	26 ft
5.1fc	7.3fc	9.5fc	10.7fc	33 ft
2.6fc	3.7fc	4.8fc	5.5fc	40 ft

Save These Instructions

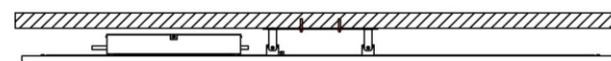
Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Hanging Mount (Standard)



Surface Mount (Optional)



INSTALLATION



1. Please connect the input wire in correct way, white wire is N, black wire is L, green wire is ground connection. Pls also make sure the wire connection is fixed perfectly before using.

Announcements:

1. This equipment is only a professional installation. Non-professional personnel shall not remove or install the equipment.
2. Please read the instruction manual before installation and keep it for future reference.
3. To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier
4. Maintenance/installation and replacement the lamps, please confirm to cut off the power supply, and the lamps have set up a cooling. Please make sure the lamps have been properly installed before processing power.
5. Ensure the accurate and reliable connection.
6. Ensure that the product around the vent, the lamp cannot violate any fire prevention regulations when using.



▲ Works



▲ Warehouse

FOOTCANDLE LIGHT GUIDE

Footcandles are the most common unit of measure used by lighting professionals to calculate light levels in businesses and outdoor spaces. A footcandle is defined as the illuminance on a one square foot surface from a uniform source of light. The Illuminating Engineering Society (IES) recommends the following footcandle levels to ensure adequate illumination and safety for occupants. Below is a guideline for common areas to assist in achieving appropriate light levels with the greatest energy-efficiency.

Building Area & Task	Average Maintained Footcandles (Horizontal) (FC)	Range of Maintained Footcandles (Horizontal) (FC)	Average Maintained Footcandles (Vertical) (FC)	Range of Maintained Footcandles (Vertical) (FC)	Comments
WAREHOUSING & STORAGE					
Bulky Items—Large Labels	10		5		
Small Items—Small Labels	30		15		
Cold Storage	30-40	10-30	10	5-15	
Open Warehouse	30-40	10-30			
Warehouse w/Aisles	30-40	10-30	10	5-15	
COMMERCIAL OFFICE					
Open Office	40	30-50			@30" Above Finished Floor (AFF)
Private Office	40	30-50			@30" AFF
Conference Room	30				Matte surface reflectance for the table 40% recommended
Restroom	18	75-30			
Lunch & Break Room	15	5-20			
EDUCATIONAL (SCHOOLS)					
Classroom	40	30-50			@30" AFF
Gymnasium					
Class I (Pro or Div. 1 College)	125		30		
Class II (Div. 2 or 3 College)	80		20		
Class III (High School)	50		150		
Class IV (Elementary)	30		100		
Auditorium	75	3-10	5	2.5-10	
Corridor	25	10-40			

▲ This guide is a collaborative effort of Energy Trust of Oregon and the Lighting Design Lab, Seattle, Washington.

Building Area & Task	Average Maintained Footcandles (Horizontal) (FC)	Range of Maintained Footcandles (Horizontal) (FC)	Average Maintained Footcandles (Vertical) (FC)	Range of Maintained Footcandles (Vertical) (FC)	Comments
INDUSTRIAL/MANUFACTURING					
Assembly					
Simple (Large Item)	30		15	15-60	
Difficult (fine)	100	10-30	10	50-200	
Component Manufacturing					
Large	30	10-30	30	15-60	
Medium	70-80	25-100	50	25-100	
EXTERIOR					
Parking (Covered)	5				1FC min, 10:1 Max to Min Uniformity
Parking (Open) (Medium Activity)					
Lighting Zone 3 (Urban)	1.5	75-3	0.8	0.4-1.6	
Lighting Zone 2 (suburban)	1	0.5-2	0.6	0.3-1.2	
Gas Station Canopy	12.5	10-15			
Safety (Building Exterior)	1	0.5-2			If security is an issue—raise average level to 3
RETAIL					
General Retail (Ambient)		50			
Department Store	40	20 - 80	15	7.5-30	
Perimeter			75	35-150	
Accent Lighting (Displays)					3-10 times greater than ambient light levels
AUTOMOTIVE					
Showroom	70-80	25-100	10	7.5-30	
Service Area	50	25-10	30	15-30	
Sales Lot (Exterior)					
Lighting Zone 3 (Urban)	20	10-40	20	10-40	
Lighting Zone 2 (Suburban)	15	7.5-30	15	7.5-30	
GROCERY					
Circulation	20	10-40	7.5	3.5-15	
General Retail	70-80	25-100	20	10-40	
Perimeter			50	25-100	
BANKING					
ATM	20	10-40	15		Vertical at face of ATM

NOTES:
 * This guide is based on information gathered from the IES "The Lighting Handbook" 10th Edition. It is highly recommended that all lighting professionals refer to the full IES guide when specifying lighting projects.
 • At least half of users are in the 25 - 65 age range

• Horizontal—horizontal plane that average maintained foot-candles are measured
 • Vertical—vertical plane the average maintained foot-candles are measured
 • It is the responsibility of the to determine and provide appropriate lighting levels for each space

CERTIFICATE OF COMPLIANCE

UL CERTIFICATION

Certificate Number: E483348
 Report Reference: E483348
 Issue Date: 2017-DECEMBER-26



Additional Information:
 See the UL Online Certifications Directory at www.ul.com/database for additional information

- ▲ Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.
- ▲ Look for the UL Certification Mark on the product

NAMING RULES

CES-LS-SKY-100WXY-ZRLPS Example: CES-LS-SKY-100W50MB-L12

Base								
		X	Y	Z	R	L	P	S
Series	Power	CCT	Driver	Beam Angle	CRI	Using	Using	Sensor
CES-LS-SKY	100W 150W 200W 240W	40 4000K 50 5000K	MA MeanWell Driver MB MeanWell Driver	L12 120°	R8 Ra>80 R9 Ra>90 Black Ra>70	W - 3030 chips Blank - 2835 chips	W - Wet location Blank - Dry location	S1 Photocell Black No sensors

DLC CERTIFICATION

File E483348
 Project 4788072763

How to search the DLC and Get rebate

1. Visit official website: www.designlights.org, and input 'CES-LS-SKY', you would get all results.
2. Comparing the search result to the lights you bought, you would get some important date, such as Report Data, Zonal Lumen and so on. Our lights are all listed in DLC organization.
3. Contact local energy sector, you provide the necessary information to them, then you would get rebate.

More products...

High Bay Light

HERO Series



- Pure aluminum by cold forging, excellent heat dissipation
- High light efficiency, up to 150lm/w
- Multiple beam angle, lens or reflectors for various demands
- Super compact design, N.W.: 2.38kg; 1428pcs in 20GP container
- 5 years warranty



High Bay Light

APOLLO Series



- Classic UFO High bay, with 3D fin type heat sink, excellent heat dissipation
- Compact design without reflector, bigger PCB brings better heat conduction
- Top quality long lifespan chip with LM-80 and Meanwell driver
- High light efficiency, up to 150lm/w
- 5 years warranty



Wall Pack Light

MOON Series



- Sealed die-casting aluminum housing with powder coat finish
- Polycarbonate optical lens with UV stabilizers
- 45W replaces 150MH. Ideal for alleys, loading docks, doorway
- 5-Year Warranty



Area Light

ARES Series



- Maximum power up to 300w, up to 150lm/w
- Optimized mount kit allows single person installation
- Demountable design, easy for maintenance
- Up-to-date design, with vertical lens and gather 4 LED in one bulb
- 5years warranty



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