



www.hi-hyperlite.com

Use hyperlite LED parking garage canopy light
enjoy brighter life now

If you need more information about our lights,
please contact us by email or phone 24 hours

Email: info@hi-hyperlite.com

Toll-free number: +1(855) 688 7879

HYPERLITE

LED LIGHTING

www.hi-hyperlite.com

learn more

Instruction handbook



Thanks for your purchase!

LED PARKING GARAGE CANOPY LIGHT

SHELL Series



Bronze
or
White



IP65



FEATURES & SPECIFICATIONS

◆ HOUSING

The aluminum case provides excellent thermal transfer to extend component life.
Operation temperature -40°C(-104°F) to 50°C(122°F) Components are RoHS compliant.
IP 65.

◆ DISTRIBUTION

PC lens with wide 140° light distribution, and multiple color temperature for various demands.

◆ LED LIGHT ENGINE

High performance LED delivering up to 130 lumens per watt. CRI>70, CRI>80 for option.

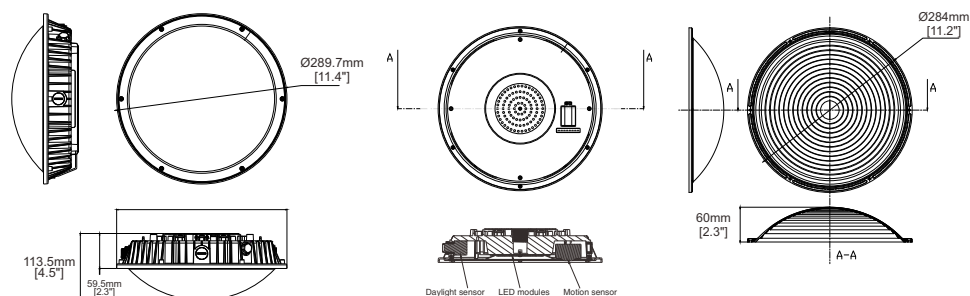
◆ LISTING

UL, DLC premium, CE, RoHS, approved Listed by UL to meet UL 1598 standards for wet location.
Please check the DLC Qualified Products list to confirm (www.designlights.org/QPL)

◆ WARRANTY

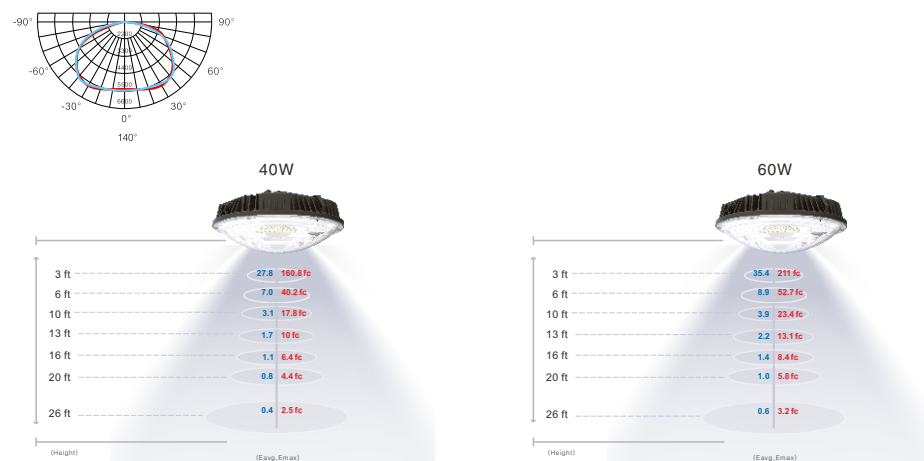
5 years warranty.

DIMENSION



Model	Power	Lumens	Efficiency	Input Voltage	Color Temperature	CRI	PF	Beam Angle
CES-LS-SHELL-40W40A CES-LS-SHELL-40W50A	40W	5200LM	130lm/w	100-277VAC	4000K 5000K	>70	0.9	140°
CES-LS-SHELL-60W40A CES-LS-SHELL-60W50A	60W	7800LM						
IP Grade	Operation temperature	Net Weight	Gross Weight	Size				
IP 65	-104°F to 122°F	5.5lbs	6.6lbs	Ø11.4" H 4.5"				
		5.6lbs	7.0lbs					

Illumination Figure

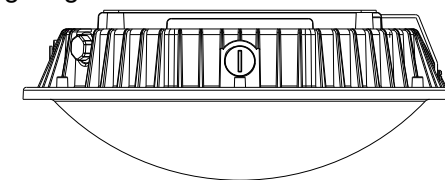


HYPERLITE LED Luminaire

Industrial LED Parking Garage Canopy Lighting
(Shell Series)

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.



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.

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.



*Please connect the input wire in correct way, white is ACN, black is ACL, GREEN is ground connection.
*Please also make sure the wire connection is fixed perfectly before using.

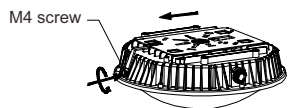
Announcements:

1. This equipment is only for 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 and has 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.

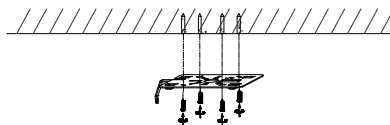
INSTALLATION

- Surface Mounting Sliding

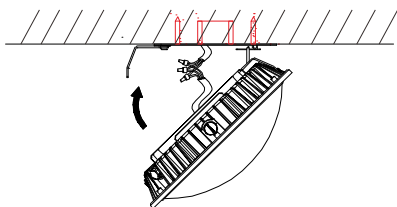
1. Loosen the M4 screw on the side of the housing, then pull out the mounting plate.



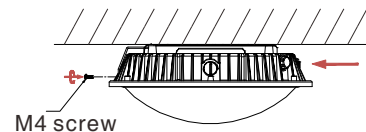
2. Fix the mounting plate onto the ceiling with 4 pcs suitable screws



3. Buckle the lamp's stainless steel clip into the mounting plate, connect the power cable, then slide the lamp into the mounting plate

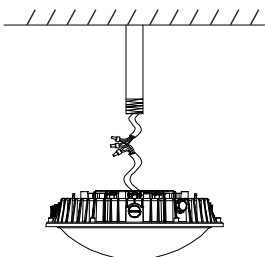


4. Fix the lamp and mounting plate with M4 screw

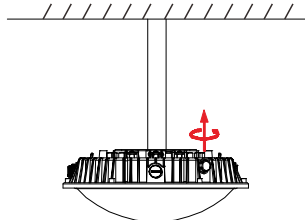


- 3/4 inch Piping Installation

1. Connect the power cable, as the shows



2. Screw the lamp onto the pipe tidone



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
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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-SHELL-40WXYR

Example: CES-LS-SHELL-40W40A

CES-LS-SHELL - 40W X Y R

I II III IV V

I --- Series: CES-LS-SHELL

II --- Input power: 40 W or 60W

III --- Where "X" can be any numbers to represent color temperature.

40 – 4000K

50 – 5000K

IV --- Where "Y" indicates dimming option:

A – Non-dimmable;

B – Dimmable;

V --- Where "R" indicates Color Rendering Index (Ra) :

R8 – Ra > 80;

R9 – Ra > 90;

Blank – Ra > 70;

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-SHELL', 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...

Linear High Bay SKY Series

UL LISTED US RoHS CE RoHS

- Patented super slim, minimalist-inspired design
- Various beam angle: 30°/ 60°/ 90°/ 120°/ shelf beam 20°
- High purity profiled aluminum, with excellent heat dissipation
- Exclusive optical lens optimizes the light distribution, promotes light efficiency
- 5 years warranty



High Bay Light HERO Series

UL LISTED US RoHS IP65 CE RoHS IP65

- 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

UL LISTED US RoHS IP65 CE RoHS IP65

- 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



Area Light ARES Series

UL LISTED US RoHS IP65 CE RoHS IP65

- 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
- 5 years warranty



HYPERLITE

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