

DATE: 6/14/2019

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00127008

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR: **UNIFIED SUNERGY SYSTEMS LLC**

BUYER: MBUTTERY

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>45 Days ARO</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	<u>NA</u>
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	<u>NA</u>

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____
NUMBER: _____
NUMBER: _____
NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) NA

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: UNIFIED SUNERGY SYSTEMS LLC	
SIGNATURE: (Must be signed here) <i>Ali Mehmud</i>	TITLE: CEO
PRINT OR TYPE NAME: Ali Mehmud	
ADDRESS: 2204 Sagebrush Drive	
CITY, STATE: Flower Mound, Texas	ZIP: 75028
TELEPHONE: (817) 557 7278	FAX: ()
EMAIL ADDRESS: ali.mehmud@unifiedsunergy.com	

TOTAL PRICE OF ALL BID ITEMS: \$ \$3862.50

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127008

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	25.00	EA	PURCHASE OF LED HIGH BAY FIXTURES FOR THE EAST BANK RECREATION DEPARTMENT 0010 Morris LED UFO High Bay 5000K 150W, 100-277V 120BS 19665LM DLC (PLW4LOIF700I) Gen 3 Item Number: 1559903 MPN: MORRIS 74102 150W UFO HIGHBAY PART#: USSHL-HB09-150W SUNERGY	ALTERNATE PRODUCT. Please see comparison and specifications sheet \$145.00	\$3625.00
2	25.00	EA	0020 Morris 3/4 Inch Mounting Hook For Use With 74102 Item Number: 1559905 MPN: 18092 3/4" MOUNTING HOOK PART#: HB-Mounting Hooks SUNERGY	\$7.50	\$187.50
3	2.00	EA	0030 Loctite Green 290 Item Number: 0000001 MPN: 79021 Use: Owen's gym Delivery To: East Bank Recreation 6925 Saints Drive Metairie, LA 70003	\$25.00	\$50.00

Product Specifications - Comparative Analysis - 150W HIGHBAY

	MORRIS	SUNERGY	Result
PART Number	74102	USSHL-HB09-150W	-
Wattage of Fixture:	150 Watts	150 Watts	Meets
Power Factor	0.95	0.98	Meets
Light Color:	5000K	5000K	Meets
Dimming:	1-10V	1-10V	Meets
Lumen Output:	19,665	22,500 Lumens	SUNERGY Exceeds
Operating Voltage:	120-277VAC	120-277VAC	Meets
Color Rendering Index	>84	>84	Meets
IP Rating	IP 65 Wet Location Rated	IP 65 Wet Location Rated	Meets
Dimensions:	Dia:13" 8.5" (H)	Dia: 12.67" Height: 5.30"	Meets
Beam:	112 degrees	120 degrees	Meets
Certifications:	cULus DLC	cULus DLC	Meets
Warranty:	5 years	5 years LED, 5 years driver, 10 years housing Limited warranty	SUNERGY Exceeds
Housing:		Die Cast Aluminum	Meets
Lens:		2.3 mm Polycarbonate	Meets



LED High Bay-HB09

100W/150W/200W/240W

IP65

150Lm/W

SUNergy[®]
Unified Sunergy Systems

LED High Bay-HB09

USSHL-HB09-100W/150W/200W/240W

Specifications

Electrical Data

Wattage	100W/150W/200W/240W
Power Supply	Sosen/Meanwell Isolated
Input Voltage	AC100-277V/AC200-480V
Power Frequency	50/60Hz
Power Efficiency	>91%
Power Factor	0.93
Total Harmonic Distortion	<15%
Dimming	1-10VDC

Optical Data

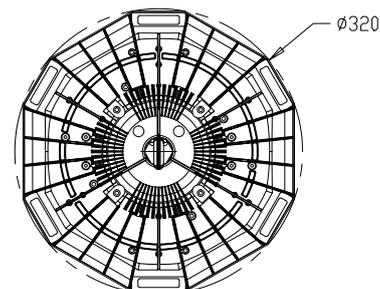
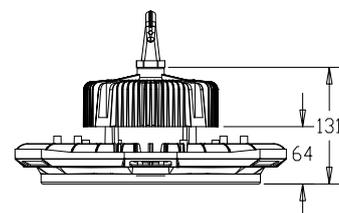
Lumen Version

LED Type	Lumileds
LED QTY	224/280/455/532pcs
Efficiency	150lm/W
Luminous Flux	15000/22500/30000/36000Lm
CCT	4000K/5000K/5700K/6500K
CRI	>80Ra
System Efficiency	>90%
Beam Angle	120°

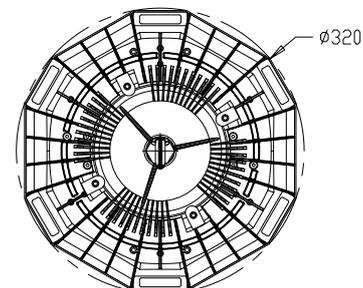
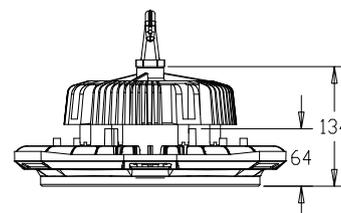
Others

IP	IP65
Lens Material	PC/Glass
Heat Radiator	die-cast aluminum
Lifetime	L70,>540000H
Operating Temperature	-30~+50 °C
Net weight	4.2±0.5 (100W/150W) 4.8±0.5 (200W/240W) kg
Dimensions	Φ320*H134mm
Carton size	390*390*220mm(1PCS)

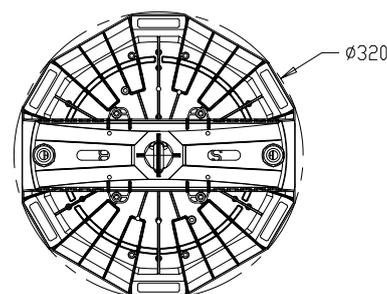
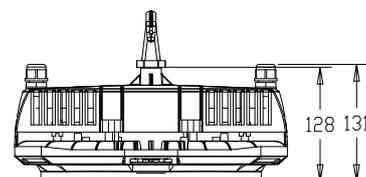
Round Driver:
100W / 150W



200W / 240W



Square Driver:
100W/150W
200W/240W



Installation

Multiple mounting options to meet different usage of the product.

Radiator

Die-cast aluminum heat sink, light weight, better appearance, excellent corrosion resistance.

Luminous area

320mm diameter of the fixture, large emitting area.

Driver box

The power box can be square or round.

Light distribution

120° beam angle of glass or PC (IK08 when using glass lens)



Hook



Ring



Surface mount bracket

Junction box

Convenient for wiring by Junction box(Optional)



Better heat sink

There is a separation distance between the power source and the lamp body, and good ventilation conditions are formed in the middle, so that the heat between the power source and the lamp body does not affect each other.



Housing color

Black and white options.

Long service life Less light decay

Product life 54000H, 78% luminous flux maintenance rate.

Suit for harsh environments

Meet the complex and harsh power distribution environment of industrial plants (50,000 hours, 0.5% failure rate);





Wireguard

The Wireguard prevents the glass from being Accordingly hit by the object.

Reflectors

Aluminum reflectors/compatible with PC.



Aluminum Cover



PC Cover

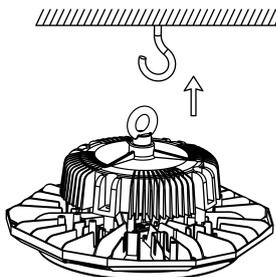
Accessories

Microwave Motion Sensor, Automatic switching or dimming when used in combination with dimmable LED drivers.

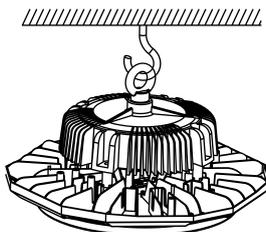


Installation (Optional)

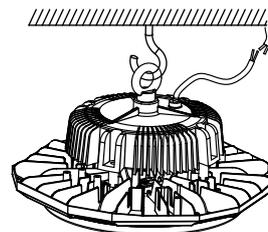
Method 1



1. Drilling a hole in the ceiling, install a hook.

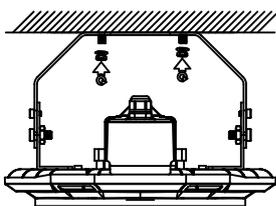


2. Hanging the fixture.

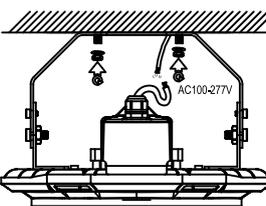


All wiring finished inside the junction box.
3. Connect the cables. black-L, White-N, Yellow green-Ground take care of the waterproof processing.

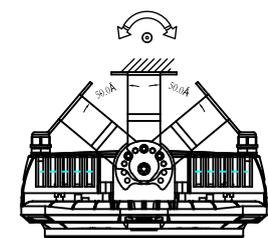
Method 2



1. Fix the bracket.

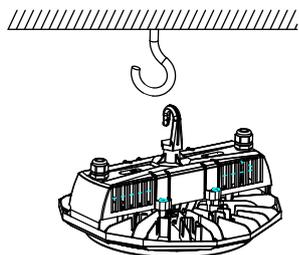


All wiring finished inside the junction box.
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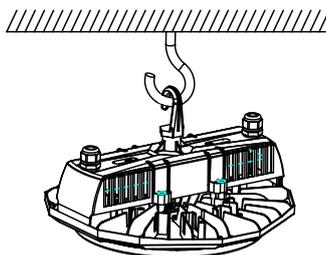


3. Adjust the bracket to the beam angle you need.

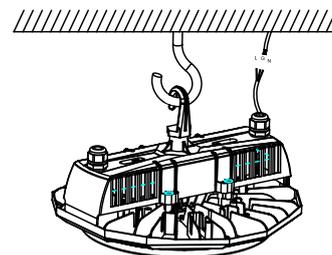
Method 3



1. Drilling a hole in the ceiling, install a hook.

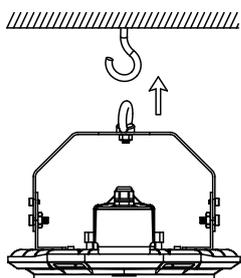


2. Hanging the fixture.

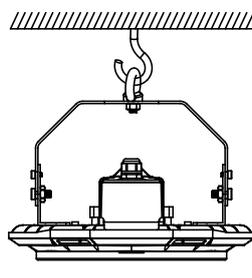


3. Connect the cables, black-L, White-N, Yellow green-Ground take care of the waterproof processing.

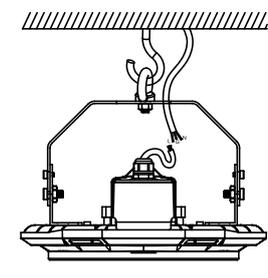
Method 4



1. Drilling a hole in the ceiling, install a hook.

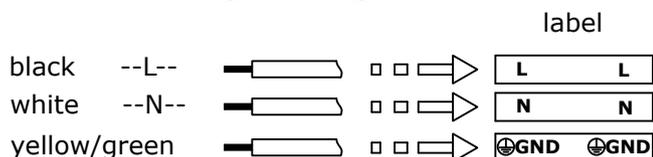


2. Hanging the fixture.

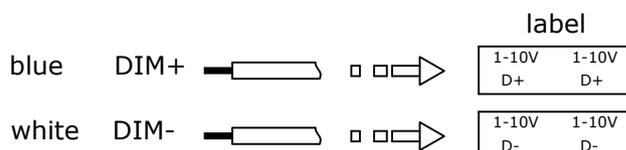


3. Connect the cables. black-L, White-N, Yellow green-Ground take care of the waterproof processing.

⚡ Wiring Diagram



⚡ 1-10V dimmable





Application

With unique high-purity ,die-cast aluminum heat sink,high-brightness SMD chip, high-efficiency constant current constant voltage power driver,Our intelligent control LED High bay is designed for factories, workshops, warehouses, highway toll stations, gas stations. Supermarkets, exhibition halls, stadiums and similar applications.



AC Input: 120-347V universally power supply, meets differ markets by one driver(Optional).



Supermarkets



stadiums



factory

- Packing including
- 1.1pcs led bay high light
 - 2.1pcs product user manual

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