



HELIX G4

LED ROUND HIGH BAY



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DESCRIPTION

LED Round High Bay / 120-277VAC
input(347-480V Optional)/ Power Selectable*/ Ribbed Lens/
PC & Aluminum Shroud Available(Optional)/ PNP Sensor (Optional)

*Not for all models

APPLICATION

Warehouse/ Gym/Manufacturing/ Retail/ Distribution Center/ Hangar/ Workshop



PRODUCT FEATURES

- Power Selectable Technology: covering 3 wattage selections with 1 SKU(not for all models)
- Powder-coated aluminum housing, polycarbonate lens
- Optional PNP multifunction sensor, receptacle pre-installed
- 0-10V dimmable driver, featuring 12V AUX power tap
- RELOC options available*
- Ring-bolt mount included as default, pendant mount kit available*
- PC & Aluminum refractor offered*
- IP65 rated for wet location application
- Ambient operating temperature: -40°C(-40°F) to 55°C(131°F)
- DLC Premium listed

* optional accessories, order separately

PRODUCT SPECIFICATIONS

Catalog Part Number (For ordering)	Nominal Wattage(W)	4000K			5000K			DLC QPL ID
		Watts (W)	Efficacy (LM/W)	Lumens (LM)	Watts (W)	Efficacy (LM/W)	Lumens (LM)	
HBUF-150P-40-G4 HBUF-150P-50-G4	150	146	152	22,192	146	153	22,267	S-BK8SMV S-5Q460M
	120	118	151	17,818	118	153	18,054	
	90	89	152	13,528	89	155	13,795	
HBUF-240P-40-G4 HBUF-240P-50-G4	240	243	133	32,244	243	134	32,567	Pending
	190	194	142	27,493	194	143	27,768	
	140	144	152	21,892	144	153	22,111	
HBUF-200W-40-G4 HBUF-200W-50-G4	200	192	146	28,009	192	147	28,102	S-ZN3E76 S-YWBX6H
HBUF-240W-40-G4 HBUF-240W-50-G4	240	234	144	33,643	234	144	33,659	S-O7N2LV S-5AY3FT
HBUF-300W-40-G4 HBUF-300W-50-G4	300	287	150	43,199	287	152	43,624	Pending

- * Data for power selectable models are based on in-house IES.
* Data for fixed wattage models are based on DLC reported data.
* Please contact our sales team for stock info.

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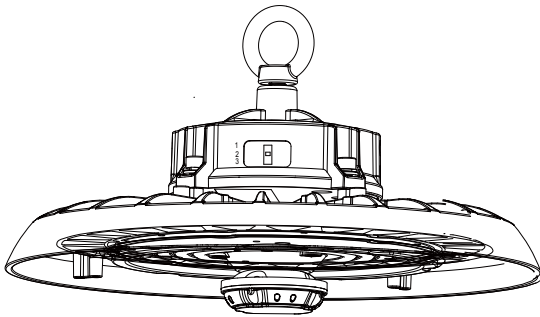
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LUMEN MAINTENANCE

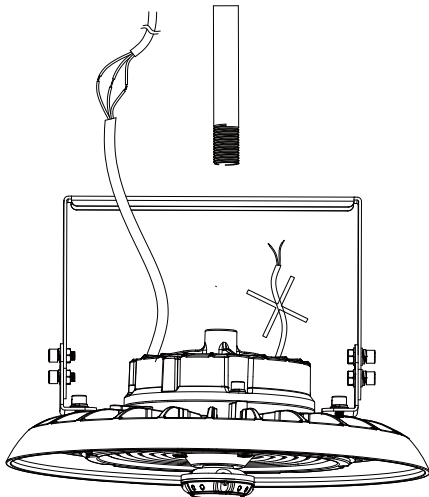
PROJECTED LUMEN MAINTENANCE

Ambient Test Temp	Reported Hrs	0 Hrs	25,000 Hrs	50,000 Hrs	TM-21-11 54,000	100,000 Hrs	L70 Hrs
25°C/77°F	>54,000	1	0.935	0.876	0.867	0.7693	136,000

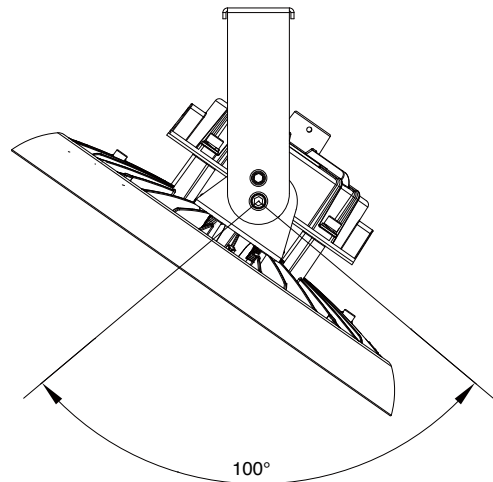
INSTALLATION



Ring-bolt



PENDANT



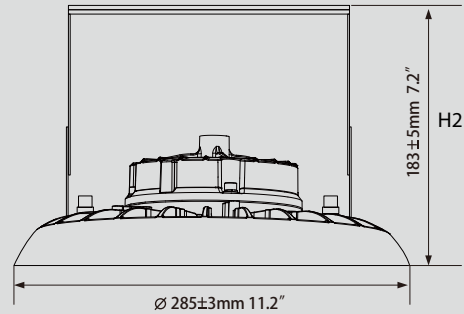
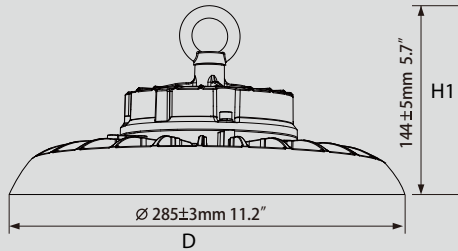
CEILING MOUNT

* Ring-bolt comes standard, pendant mount and ceiling mount optional.
 * Check below see more info about mount kits.

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DIMENSIONS



PART#	WATTAGE	Diameter(D)	Height(H1)	Height(G2)
HBUF-150P-XX-G4	150W	11.2"	5.7"	7.2"
HBUF-200W-XX-G4	200W	12.8"	5.8"	7.4"
HBUF-240W-XX-G4	240W	12.8"	6.5"	7.7"
HBUF-300W-XX-G4	300W	15.4"	8"	8.4"

PHYSICAL FEATURES



1. 3-step power selectable
2. Ring-bolt mount comes standard, pendant mount(1/2 NPT) and ceiling mount available with optional mounting kit
3. Sensor receptacle pre-installed, multifunction sensor optional, can be easily field-installed

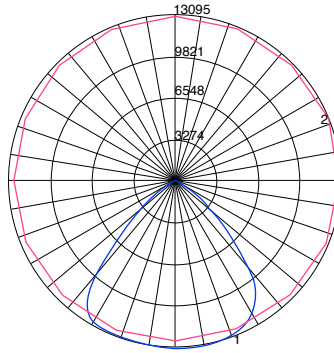
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PHOTOMETRIC SPECIFICATIONS

HBUF-150P-40-G4

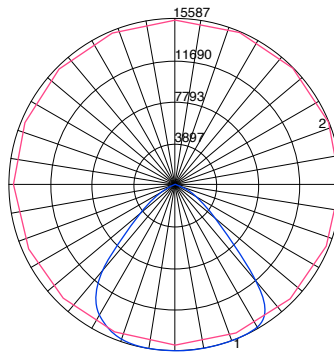
Input Voltage(VAC): 120-277
 Nominal Wattage(W): 100
 System Wattage(W): 156.2
 Lumen Output(LM): 26900.7
 Efficacy(LM/W): 172
 CCT(K): 4000
 Color Rendering Index(CRI):
 Beam Angle:
 Spacing Criteria (0-180): 1.36
 Spacing Criteria (90-270): 1.44



Cone Of Light Tabulation		
Mounted Height (Feet)	Footcandles Beam Center	Diameter
15	57.9	43.5
17	45.2	46.5
20	32.6	52.5
23	24.7	54
25	20.9	57
28	16.7	61
30	14.5	64
Date Multipliers		
5000K		1.01
AL Reflector		0.95
PC Reflector		0.98
PC Reflector& Bottom Cover		0.85

HBUF-200P-50-G4

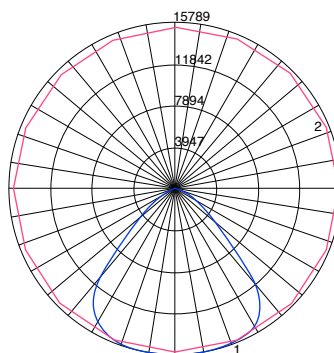
Input Voltage(VAC): 120-277
 Nominal Wattage(W): 100
 System Wattage(W): 193
 Lumen Output(LM): 32078.2
 Efficacy(LM/W): 166
 CCT(K): 5000
 Color Rendering Index(CRI):
 Beam Angle:
 Spacing Criteria (0-180): 1.36
 Spacing Criteria (90-270): 1.44



Cone Of Light Tabulation		
Mounted Height (Feet)	Footcandles Beam Center	Diameter
15	69.1	45
17	53.8	48
20	38.8	50.5
23	29.4	56
25	24.9	60
28	19.8	65
30	17.3	69
Date Multipliers		
5000K		0.98
AL Reflector		0.95
PC Reflector		0.98
PC Reflector& Bottom Cover		0.85

HBUF-240P-50-G4

Input Voltage(VAC): 120-277
 Nominal Wattage(W): 100
 System Wattage(W): 242.8
 Lumen Output(LM): 32566.7
 Efficacy(LM/W): 134
 CCT(K): 5000
 Color Rendering Index(CRI):
 Beam Angle:
 Spacing Criteria (0-180): 1.4
 Spacing Criteria (90-270): 1.36



Cone Of Light Tabulation		
Mounted Height (Feet)	Footcandles Beam Center	Diameter
15	70.1	46
17	54.6	49
20	39.4	56
23	29.8	58
25	25.2	60
28	21.6	59
30	17.5	64
Date Multipliers		
5000K		0.98
AL Reflector		0.95
PC Reflector		0.98
PC Reflector& Bottom Cover		0.85

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ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

ATG CODE	MODEL NUMBER	DESCRIPTION
SQ	HB01DMS	Microwave Sensor for Helix G4, 12VDC
RQ	HB03R	Remote for HB01DMS and HB03DPR-A
EA	EMUFO-25170	EM Kit, 25W, Lithium Battery
EB	EMUFO-40170	EM Kit, 40W, Lithium Battery
PMK	PMK-HBUF-G4	Pendant and Ceiling Mount Kit
SRDP	SRD-HBUF-G4-D90	Poly Carbonate Shroud/Refractor for 100W-240W, 90°
SRDA	SRD-HBUF-G4-D90-A1	Aluminum Shroud/Refractor for 100W/150W, 90°
SRBC	SRD-HBUF-G4-BC	Bottom Cover for Poly Carbonate Shroud/Refractor
WG	WG-HBUF-G4	Wire Guard for 100W-240W
SR	HB03DPR-A	PIR sensor for Helix G4, 12VDC



EMUFO-25170



PMK-HBUF-G4



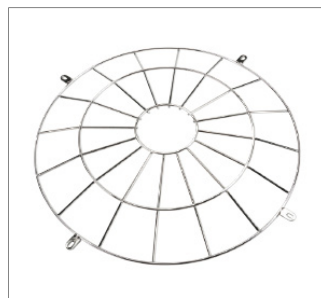
SRD-HBUF-G4-BC



SRD-HBUF-G4-D90-A1



SRD-HBUF-G4-D90



WG-HBUF-G4



HB03DPR-A



HB03R

ORDER FORMAT

Series	Wattage	CCT	Input	Gen	Finish	Sensor*	EM	Accessories*
HBUF				G4				
	200W= 200W	40= 4000K	Blank= 120-277VAC	G4= Gen4	Blank= Blank	SQ	EA	RQ
	240W= 240W	50= 5000K	V= 347-480VAC		W= White	NLC**	EB	WG
	300W= 300W							PMK
	150P= 150W/120W/90W Selectable							SRDP
	240P= 240W/190W/140W Selectable							SRDA
								SRBC

*See more details in ADDITIONAL ACCESSORIES sheet.

**Contact sales team for more details about NLC products.

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QUICK ORDERING GUIDE

✓	Part Number	Description	QUICK SHIPPING*
	HBUF-150P-40-G4	G4 Helix LED Highbay, 0-10V dimming, 150W/120W/90W, 4000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-150P-50-G4	G4 Helix LED Highbay, 0-10V dimming, 150W/120W/90W, 5000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	✓
	HBUF-240P-40-G4	G4 Helix LED Highbay, 0-10V dimming, 240W/190W/140W, 4000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-240P-50-G4	G4 Helix LED Highbay, 0-10V dimming, 240W/190W/140W, 5000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	✓
	HBUF-200W-40-G4	G4 Helix LED Highbay, 0-10V dimming, 200W, 4000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-200W-50-G4	G4 Helix LED Highbay, 0-10V dimming, 200W, 5000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	✓
	HBUF-240W-40-G4	G4 Helix LED Highbay, 0-10V dimming, 240W, 4000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-240W-50-G4	G4 Helix LED Highbay, 0-10V dimming, 240W, 5000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	✓
	HBUF-300W-40-G4	G4 Helix LED Highbay, 0-10V dimming, 300W, 4000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-300W-50-G4	G4 Helix LED Highbay, 0-10V dimming, 300W, 5000K, 100-277VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	✓
	HBUF-240P-40-V-G4	G4 Helix LED Highbay, 0-10V dimming, 240W/190W/140W, 4000K, 347-480VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-240P-50-V-G4	G4 Helix LED Highbay, 0-10V dimming, 240W/190W/140W, 5000K, 347-480VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	✓
	HBUF-150W-40-V-G4	G4 Helix LED Highbay, 0-10V dimming, 150W, 4000K, 347-480VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-150W-50-V-G4	G4 Helix LED Highbay, 0-10V dimming, 150W, 5000K, 347-480VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	✓
	HBUF-200W-40-V-G4	G4 Helix LED Highbay, 0-10V dimming, 200W, 4000K, 347-480VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	HBUF-200W-50-V-G4	G4 Helix LED Highbay, 0-10V dimming, 200W, 5000K, 347-480VAC, Clear Lens, Black Housing, with 12VDC AUX & receptacle	
	SRD-HBUF-G4-D90	PC Shroud for 100W-240W G4 Helix Highbay, 90 degree	✓
	WG-HBUF-G4	Wire Guard for 100W-240W G4 Helix Highbay	✓
	PMK-HBUF-G4	Pendant and Ceiling Mount Kit	✓
	HB03DPR-A	PIR sensor for Helix G4, 12VDC	✓
	HB01DMS	Microwave Motion Sensor for G4 Helix Highbay, 12VDC	✓
	HB03R	Remote Control for HB01DMS and HB03DPR-A	✓
	EMUFO-25170	Emergency Kit for 150P G4 Helix Highbay, Input: 100-347VAC, Emergency Output: 25W, 170VDC, Emergency Time: 90 mins, Lithium Battery	✓
	EMFUO-40170	Emergency Kit for 200W/240W G4 Helix Highbay, Input: 100-347VAC, Emergency Output: 40W, 170VDC, Emergency Time: 90 mins, Lithium Battery	✓

* QUICK SHIPPING means this is a inventory product, please contact our sales for realtime stock information.