

HELIX G5

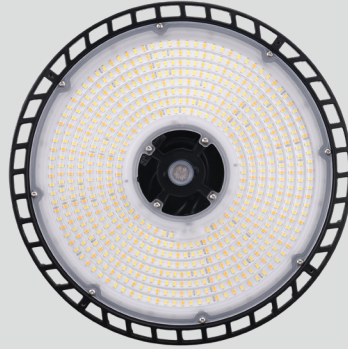
LED ROUND HIGH BAY

DESCRIPTION

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

APPLICATION

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



CONSTRUCTION

- Powder-coated aluminum housing, polycarbonate ribbed lens
- Sensor receptacle pre-installed, bi-level PIR sensor and Bluetooth
Mesh PIR sensor optional (sold separately)
- Emergency battery pack available (sold separately)
- Polycarbonate shroud optional (sold separately)
- Black finish comes standard, other colors optional for factory order*

*Extra lead time and cost may apply

MOUNTING

- Ring bolt comes standard, surface/pendant mount kit optional (sold separately)
- Conduit mount adaptor and J-box adaptor optional (sold separately)

PHOTOMETRICAL

- CCT selectable (4000K/5000K)
- CRI > 80

ELECTRICAL

- 120-277V input (347-480V optional)
- 0-10V dimming
- Power selectable
- Power factor > 0.9, THD < 10%
- 6KV surge protection

OPERATION TEMPERATURE

- Industry leading 10 year warranty for main components

WARRANTY

- -40°C (-40°F) — 50°C (122°F)

LIFESPAN

- 100,000+ hours lifetime based on LM-80 results and TM-21 calculations

LISTINGS

- UL Listed, suitable for wet locations
- IP65 rated
- DLC Premium V6.0 listed

HELIX G5 LED ROUND HIGH BAY

PRODUCT SPECIFICATIONS

Model Number	Input Voltage(AC)	CRI	Nominal Watts(W)	4000K			5000K		
				Wattage (w)	Efficacy (LM/W)	Lumens (LM)	Wattage (w)	Efficacy (LM/W)	Lumens (LM)
HBUF-150-T1-G5	120-277 (347-480 optional)	80	150	143	161	23,124	147	154	22,636
			120	119	177	21,066	119	169	20,138
			100	99	185	18,353	99	177	17,515
HBUF-240-T1-G5	120-277 (347-480 optional)	80	240	227	161	36,446	233	153	35,733
			200	198	177	35,010	198	169	33,416
			150	149	185	27,451	149	176	26,289
HBUF-300-T1-G5	120-277 (347-480 optional)	80	300	294	157	45,973	302	149	45,086
			240	238	172	40,934	238	164	39,105
			200	198	180	35,662	198	172	34,011

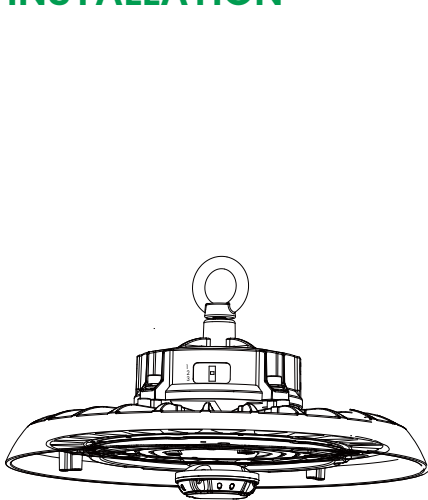
*Data for 150W,240W,300W based on tested data. Other data extrapolated with reasonable factor.

LUMEN MAINTENANCE

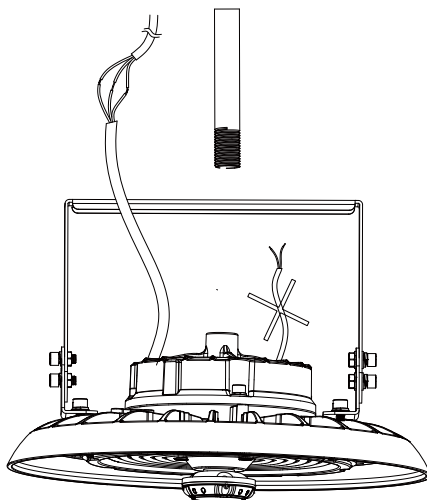
PROJECTED LUMEN MAINTENANCE

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

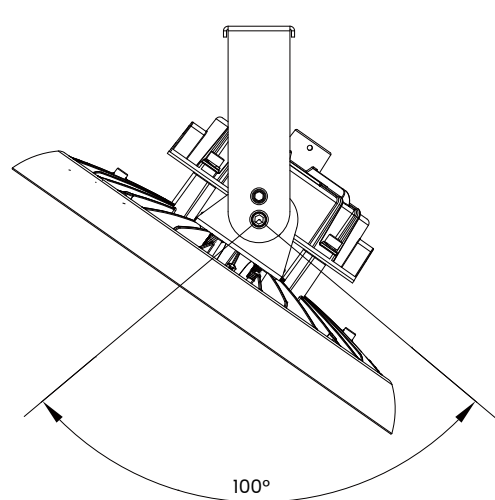
INSTALLATION



Ring-bolt



PENDANT



CEILING MOUNT

* Ring-bolt comes standard, pendant mount and ceiling mount optional.

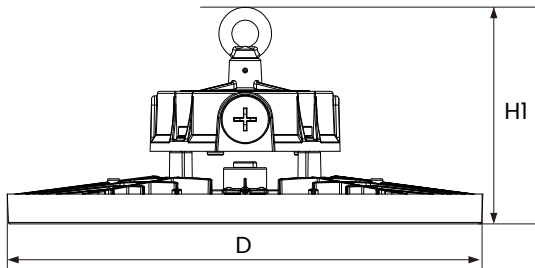
* 3/4" NPT conduit adaptor is available, sold separately.

* Check below see more info about mount kits.

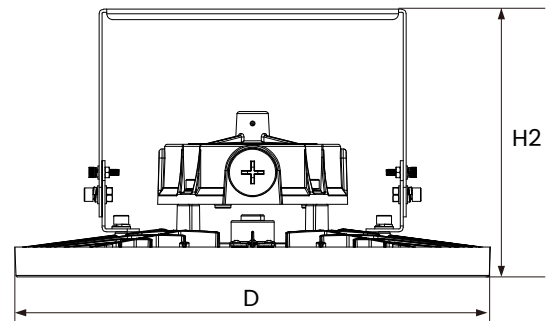
HELIX G5

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DIMENSIONS



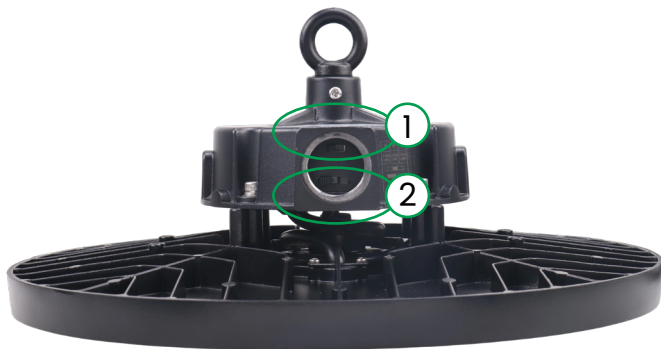
Ring-bolt



Pendant

PART#	DIAMETER(D)	HEIGHT(H1)	HEIGHT(H2)	NET WEIGHT	GROSS WEIGHT
HBUF-150-T1-G5	10.8"	5.8"	6.9"	4.4 LBS	5.9 LBS
HBUF-240-T1-G5	12.6"	5.8"	6.9"	5.5 LBS	7.3 LBS
HBUF-300-T1-G5	15.7"	6.1"	7.3"	7.2 LBS	8.4 LBS

PHYSICAL FEATURES

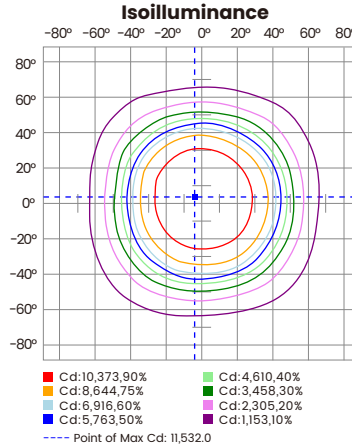
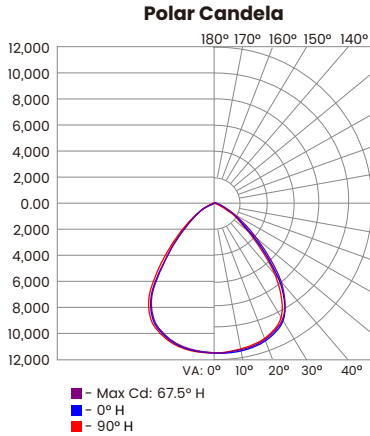


1. Power field adjustable
2. CCT field adjustable
3. Ring-bolt mount comes standard, pendant mount available with optional mounting kit
4. Sensor receptacle pre-installed, multifunction sensor and BLE sensor optional

HELIX G5 LED ROUND HIGH BAY

PHOTOMETRIC SPECIFICATIONS

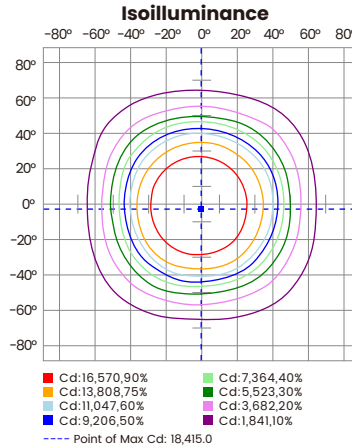
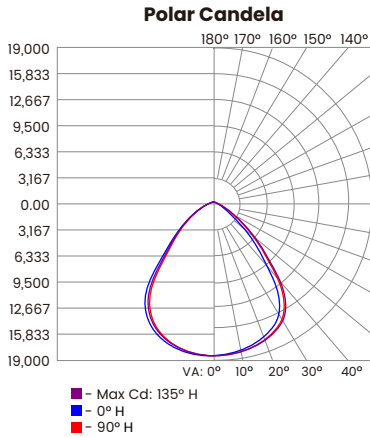
HBUF-150-T1-G5 set at 150W,4000K



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	9,166.1	40.5%	40.5%
0-40	14,687.6	64.9%	64.9%
0-60	20,931.2	92.5%	92.5%
60-90	1,632.9	7.2%	7.2%
90-120	6.2	0%	0%
0-90	22,564.1	99.7%	99.7%
90-180	68.5	0.3%	0.3%
0-180	22,632.5	100%	100%

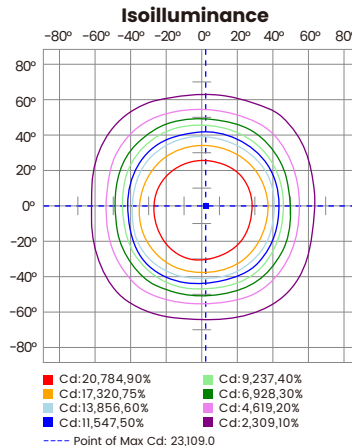
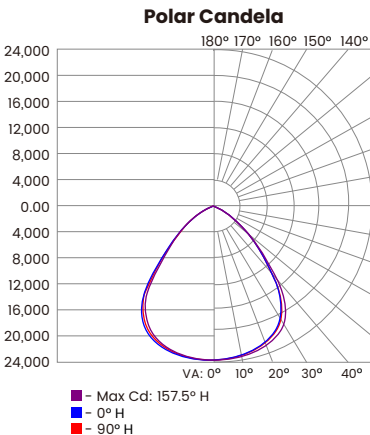
HBUF-240-T1-G5 set at 240W,5000K



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	14,610.1	40.9%	40.9%
0-40	23,258.2	65.1%	65.1%
0-60	32,986.0	92.3%	92.3%
60-90	2,636.2	7.4%	7.4%
90-120	10.1	0%	0%
0-90	35,622.2	99.7%	99.7%
90-180	105.1	0.3%	0.3%
0-180	35,727.3	100%	100%

HBUF-300-T1-G5 set at 300W,5000K



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	18,452.6	40.9%	40.9%
0-40	29,602.1	65.7%	65.7%
0-60	41,792.2	92.7%	92.7%
60-90	3,157.3	7%	7%
90-120	13.7	0%	0%
0-90	44,949.5	99.7%	99.7%
90-180	130.1	0.3%	0.3%
0-180	45,079.5	100%	100%

HELIX G5 LED ROUND HIGH BAY

MOUNTING PARTS

MODEL NUMBER	DESCRIPTION
PMK-HBUF-G4A	Pendant Mount Kit for Helix G5 DUO Selectable Highbay
CMA-HBUF-01	Conduit Mount Adaptor for Pipe Mount, NPT 3/4"
JBA-HBUF-01	J-Box Adaptor for Pipe Mount, NPT 3/4"



Pendant Mount Kit



Conduit Mount Adaptor



J-Box Adaptor

CONTROL & EM

MODEL NUMBER	DESCRIPTION
ANT-6-4T	Bi-level PIR Sensor, 12-24VDC input, Up to 40 ft Mounting
RC-100	Remote for ANT-6-4T
ANT-6-4T-BLE-GE	Bluetooth Mesh PIR Sensor, 12-24VDC input, GEBC System, Up to 40 ft Mounting
EMUFO-25170	Emergency Battery Backup, 100-347V input, 25W, with Lithium Battery
EMUFO-40170	Emergency Battery Backup, 100-347V input, 40W, with Lithium Battery



Emergency Battery Pack



ANT-6-4T



ANT-6-4T-BLE-SR



RC-100

OTHER ACCESSORIES

MODEL NUMBER	DESCRIPTION
WG-HBUF-G4	Wire Guard for 150W Helix G4 & G5, DUO Selectable Highbay
WG-HBUF-G4B	Wire Guard for 240W Helix G4 & G5, DUO Selectable Highbay
WG-HBUF-G4-300	Wire Guard for 300W Helix G4 & G5, DUO Selectable Highbay
SRD-HBUF-G4-D90	PC Shroud for 150W Helix G4 & G5, DUO Selectable Highbay, 90°
SRD-HBUF-G4-D90L	PC Shroud for 240W Helix G4 & G5, DUO Selectable Highbay, 90°
SRD-HBUF-G4-D90H	PC Shroud for 300W Helix G4 & G5, DUO Selectable Highbay, 90°
BTM-HBUF-G4	Bottom Cover for PC Shroud, 150W/240W Helix G4 & G5, DUO Selectable Highbay
BTM-HBUF-G4H	Bottom Cover for PC Shroud, 300W Helix G4 & G5, DUO Selectable Highbay



Bottom Cover



PC Shroud



Wire Guard

ORDER FORMAT

Series	Wattage	CCT	Input	Sensor*	EM	Gen	Finish
HBUF		T1				G5	
	150=150W/120W/100W Selectable	T1=4000K/5000K Selectable	Blank= 120-277VAC	Blank=with Receptacle	Blank=without EM	G5= Gen5	Blank=Black
	240=240W/200W/150W Selectable		V= 347-480VAC	SE=with Sensor	EM=with EM		W=White
	300=300W/240/200W Selectable						

*See more details in ADDITIONAL ACCESSORIES sheet.

**Contact sales team for more details about bluetooth control.