

UFA10, UFA15, UFA20 & UFA24 Orion Series Premium High Bays



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COAST2COASTLIGHTINGCO

The Orion High Bay Series is an evolution of commercial high bay lighting. The Orion High Bay is ideally deployed for use in distribution centers, manufacturing facilities, and large retail facilities with ceilings of 15 to 40 feet.



IP65



1-10V Dim



Toxin-Free



-40°F to 120°F
Operating



Daylight
Sensor



Motion
Sensor



10
Year
Warranty



Features

- IP65 Rated
- Best Mounted at 15-40 feet
- Superior glare prevention and light quality

Order Format

Sample: UFA15-50-C-2G

Series	Wattage	CCT	Voltage	Dimming	Lens	Generation
UFA =Orion High Bay	100W=10 150W=15 200W=20 240W=24	35=3500K* 40=4000K* 50=5000K	Blank=100-277V V=347-480V	Blank=1-10V Dimming ND=Non-Dimming	C=Clear Lens F=Frosted Lens	2G=2nd Generation, Premium

Application

The luminaire can be mounted by cable, bracket, or pendant*. Maximum recommended installation height for the Orion High Bay is 40 ft. The slim profile allows for exceptionally versatile placement compared to traditional high bays. *pendant kit available, pole not included



Construction

The Orion High Bay 2G's housing is formed from cast and extruded aluminum. Our streamlined manufacturing process delivers a more versatile product with a superior value proposition. Customers may order an optional aluminum shroud to further control light output.



Electrical

Luminous efficacy is an excellent 150 Lm/W (5000K). Luminaire lifespan is rated at 100,000 hours. Standard input voltage is 100-277 and 347-480V drivers are available on all units. Fixture is IP65 rated.

Optics

The Orion High Bay 2G's clear, polycarbonate lens and rolled aluminum reflector enhance beam output for commercial uses. CCT is rated at 5000K for optimal performance in industrial environments. The CRI of 83 provides color fidelity for visually sensitive tasks.

Certifications/Listings

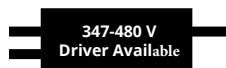
- ETL
- IP65 rated
- CE
- RoHS
- Title 24
- DLC Premium



1-10V Dim



-40°C - 49°C
Operating



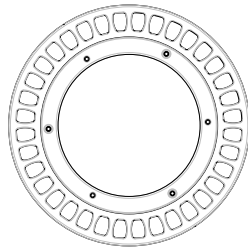
Input Voltage (VAC)	100-277 347-480*
CRI	83
CCT(K)	3,500*, 4,000*, 5,000K (3500K & 4000K Special Order)
PF	.95
RA	83
THD	<10%
L70 (Hours)	100,000
Color	Black, Custom (consult factory)
Housing	Cast & Extruded Aluminum
Lens	Clear
Temperature Range	-40°F to 120°F (-40°C to 49°C)
Warranty	10 Years

*contact sales for lead time

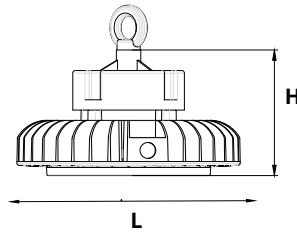
UFA10, UFA15, UFA20 & UFA24 Orion Series Premium High Bays

Dimensions

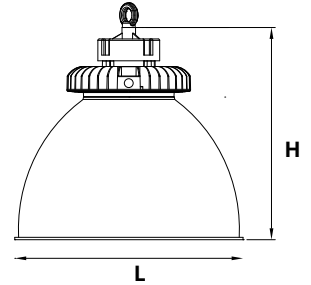
Bottom



Profile



With Shroud



100W
150W
200W
240W

no shroud

Part No.	Length (L)	Height(H)
UFA10-XX-2G	10.24"	5.75"
UFA15-XX-2G	10.24"	5.75"
UFA20-XX-2G	10.24"	5.75"
UFA24-XX-2G	10.24"	5.75"

18" shroud

Part No.	Length (W)	Height (H)
UFA10-XX-2G	18"	17.56"
UFA15-XX-2G	18"	17.56"
UFA20-XX-2G	18"	17.56"
UFA24-XX-2G	18"	17.56"

Measurements recorded in inches

Lumens

Wattage (W)	Voltage (V)	35K			40K			50K		
		Part Number	Efficacy (Lm/W)	Lumens (Lm)	Part Number	Efficacy (Lm/W)	Lumens (Lm)	Part Number	Efficacy (Lm/W)	Lumens (Lm)
100W	100-277	UFA10-35-2G	137	13700	UFA10-40-2G	144	14400	UFA10-50-2G	152	15200
150W	100-277	UFA15-35-2G	137	20550	UFA15-40-2G	144	21600	UFA15-50-2G	152	22650
200W	100-277	UFA20-35-2G	133	26600	UFA20-40-2G	140	28000	UFA20-50-2G	152	30400
240W	100-277	UFA24-35-2G	130	31200	UFA24-40-2G	137	32880	UFA24-50-2G	150	36000

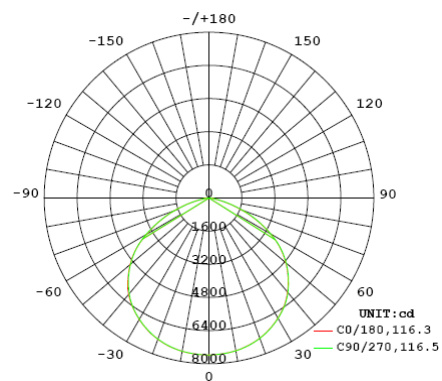
Factor = 1.05

Wattage (W)	Voltage (V)	35K			40K			50K		
		Part Number	Efficacy (Lm/W)	Lumens (Lm)	Part Number	Efficacy (Lm/W)	Lumens (Lm)	Part Number	Efficacy (Lm/W)	Lumens (Lm)
100W	347-480	UFA10-35-V-2G	138	13800	UFA10-40-V-2G	145	14500	UFA10-50-V-2G	152	15200
150W	347-480	UFA15-35-V-2G	140	21000	UFA15-40-V-2G	147	22050	UFA15-50-V-2G	154	23100
200W	347-480	UFA20-35-V-2G	142	28400	UFA20-40-V-2G	149	29800	UFA20-50-V-2G	156	31200
240W	347-480	UFA24-35-V-2G	136	32640	UFA24-40-V-2G	143	34320	UFA24-50-V-2G	152	36480

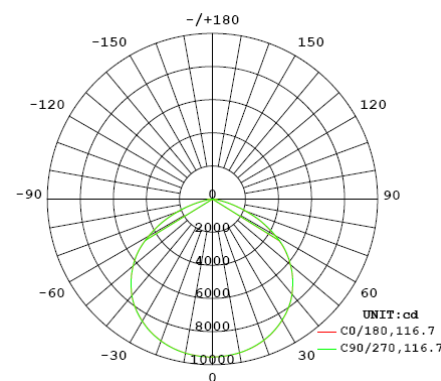
Factor = 1.05

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Coverage



UFA15 - 150W

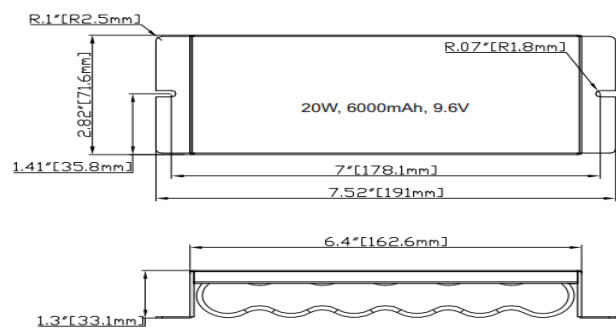


UFA20 - 200W

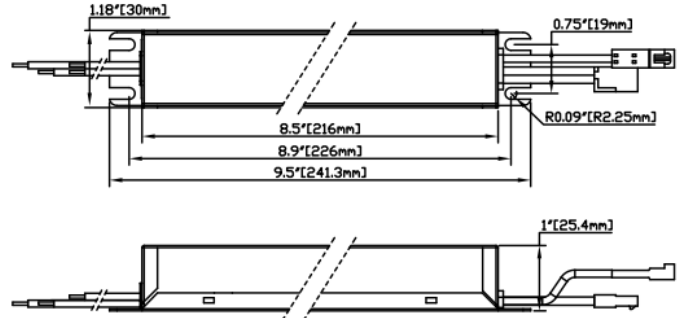
Electrical Accessories (optional)

UA20W-BBU
Emergency Kit

Driver



Battery



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Electrical Accessories (optional)

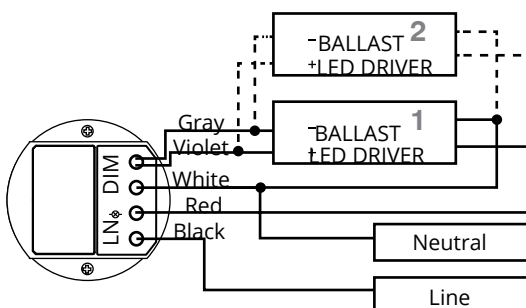


URD-509SC
Digital Bi-Level Sensor
120/277 VAC

URP-300
Remote Programmer



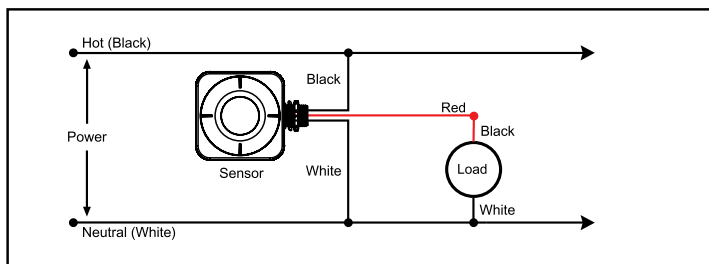
Power Supply	120-277VAC, 50/60Hz
Maximum Load -40°C-55°C	Incandescent/Halogen-800/1200W@120V/277V Fluorescent Ballast/CFL-800/1200W@120/277V Ballast Electronic (LED) -540/1200VA@120/277V
Maximum Load 55°C-70°C	Incandescent/Halogen-500/750W@120V/277V Fluorescent Ballast/CFL-500/750W@120/277V Ballast Electronic (LED) -500/750VA@120/277V
Infrared Sensor	Omni-directional quad element pyroelectric
Photo Sensor	Digital ambient light sensor
HIC Protection	Max 80A for 16.7 msec
Dim Control Output	0-10V, max 25mA sinking current
Detectable speed	1-10 ft./sec. (0.3-3/sec.)
Mounting Height	Subject to the lens type applied.
Detection Range	Subject to the lens type and mounting height
Remote Range	33 ft. (10m) indoor, no backlight
Humidity	Max.95%RH
Temperature	-40 °C-70 °C
Dimensions	Ø2.36"x H1.45" (Ø60 x H37mm)



UR819P-BO
Digital PIR
ON/OFF Sensor
120/277 VAC



Power Supply	120-277VAC 50/60Hz
Maximum Load -40°C-75 °C	Resistive/Tungsten-600W@120/277V Electronics Ballast -800W/1200W@120/277V
Dim Control Output	01-10V, max. 25mA sinking current
Detection Radius/ Angle	30ft@40ft height/360, 30ft@25ft height/360
Mounting Height	Max 25ft. @L1 Max 40ft. @L2
Remote Range	50ft. (15m) indoor, no backlight
Time Setting	10sec. -60min. (adjustable)
Light-Control	10-2000 Lux (adjustable)
Humidity	Max. 95% RH
Temperature	-40 °C-75 °C

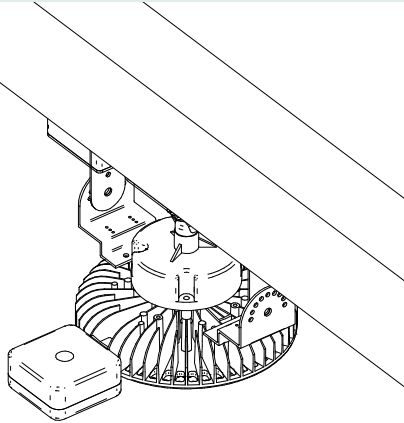


***see sensor specsheets
for more info**

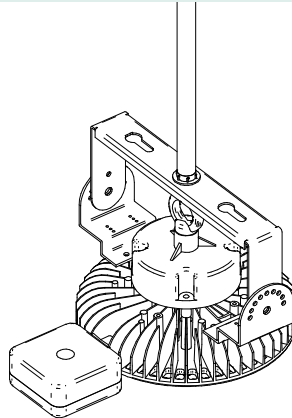
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Mounting Accessories

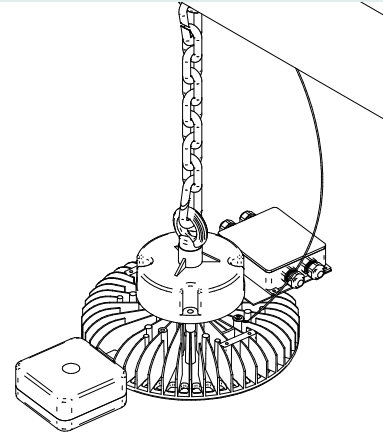
Bracket Mount



Pendant Mount



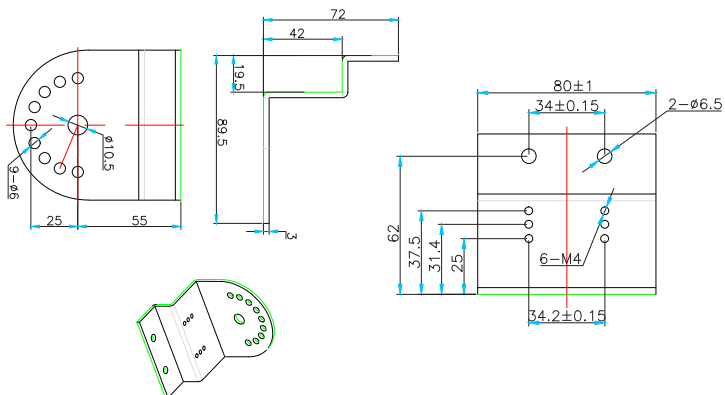
Suspension Mount



Mounting Accessories -Dimensions

PMK-UFA-2G Pendant Mount Kit

Mounting Swivel



Mounting Bracket

