



Project Details

PROJECT	
PRODUCT	
TYPE	
PREPARER	



The VEGA UFO High Bay is an excellent choice for large commercial indoor spaces, designed to operate efficiently from higher elevations. Available in a range of power options – 60W, 80W, 100W, 150W, 200W, and 240W, with a voltage choice between 100-277VAC and 277-480VAC, it caters to diverse lighting needs. The fixture offers color temperatures of 3000K, 4000K, and 5000K, ensuring consistent brightness throughout its lifespan, making it ideal for areas requiring reliable, high quality illumination..

Construction

- Die-Cast Aluminum housing
- Anti-static powder coat
- IP65 Rating
- Polycarbonate Lens
- Superior thermal management

Installation & Mounting

- Eye Bolt for Hanging (included)
- U-Bracket

Controls & Dimming

- 0-10 Volt Dimming
- 12 Volt AUX
- Bi-level Occupancy Sensor

PERFORMANCE

Summary

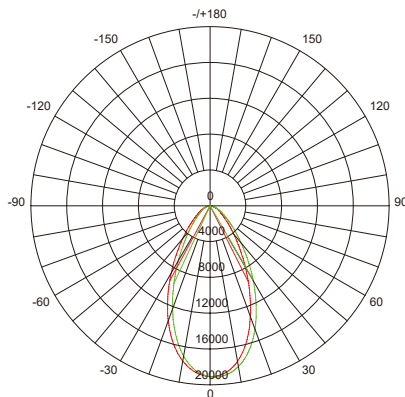
Input Voltage	100-277V, <b>277-480HV</b>
Input Frequency	50/60 Hz
Rated Wattage	60W-80w-100W ( <i>Watt&amp;CCT Selectable</i> ) 150W-200W-240W ( <i>Watt&amp;CCT Selectable</i> )
Efficacy	155 lm/W
CRI	>70
Available CCT	3000K, 4000K, 5000K
Rated Life (L70)	100,000 hrs
IP Rating	IP65
PF	>0.95
Certifications	DLC, CE, RoHS, UL
Working Temp. (°F)	-40°F - 140°F
LED Light Source	SMD 3030 5050



BEAM

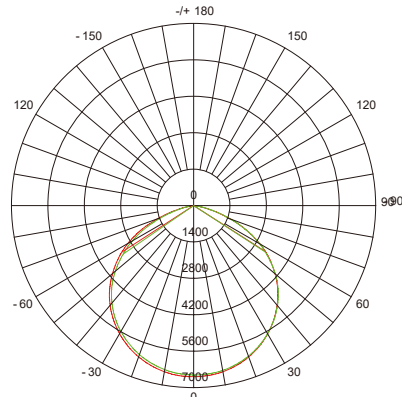
Angle

60 Degree



AVERAGE BEAM ANGLE(50%):55.1 DEG

120 Degree (standard)



AVERAGE BEAM ANGLE(50%):113.5 DEG

## PERFORMANCE

Data

MODEL	WATTAGE	LUMEN (CCT:3000)	LUMEN (CCT:4000)	LUMEN (CCT:5000)	EFFICACY (lm/W)	VOLTAGE
NVB-60W	60watt	9,029lm	9,154lm	9,243lm	155 lm/W	100-277vac
NVB-80W	80watt	12,254lm	12,344lm	12,434lm	155 lm/W	100-277vac
NVB-100W	100watt	15,027lm	15,328lm	15,624lm	155 lm/W	100-277vac
NVB-150W	150watt	22,542lm	23,148lm	23,392lm	155 lm/W	100-277vac
NVB-200W	200watt	30,210lm	30,536lm	30,980lm	155 lm/W	100-277vac
NVB-240W	240watt	36,612lm	37,029lm	37,490lm	155 lm/W	100-277vac

\*Lumen data based on by 5000K

## ORDER

Data

Sample: **NVB-100W**

SERIES	WATTAGE	CCT	VOLTAGE	OPTICS	FINISH*
NVB	60W-80w-100W	30 = 3000K 40 = 4000K 50 = 5000K	V = 100-277V HV = 347-480HV	60   90	WH = White BLK = Black (standard) SLV = Silver
	150W-200W-240W			120	

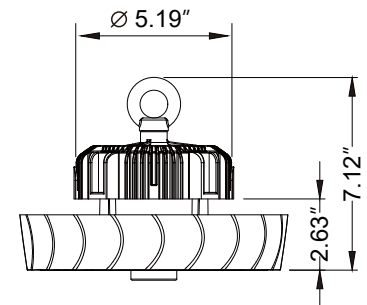
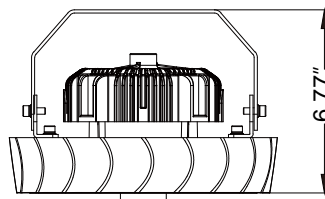
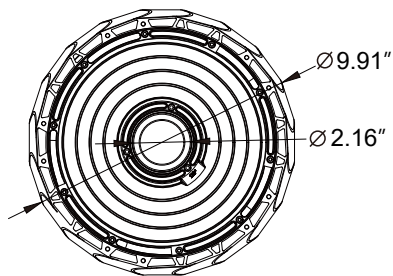
\* Contact the Nebulite sales team for turnaround time and pricing on finish color customizations

MOUNTING		OPTIONS	
EB	Eye Bolt Included	EM40	40W 90 Mins Battery Backup
UB	U Bracket ( <a href="#">Factory order</a> )	PCR	PC Reflector 18" ( <a href="#">Factory order</a> )
MS	Microwave Sensor Daylight & Dimming ANT-5-4T	PIR6	Bi-Level PIR Sensor Daylight, Motion & Dimming ANT-6-4T

## DIMENSIONS

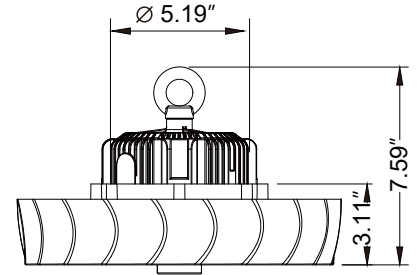
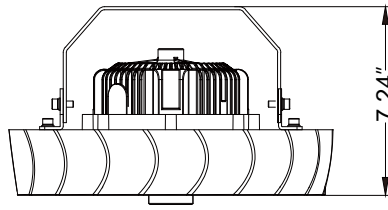
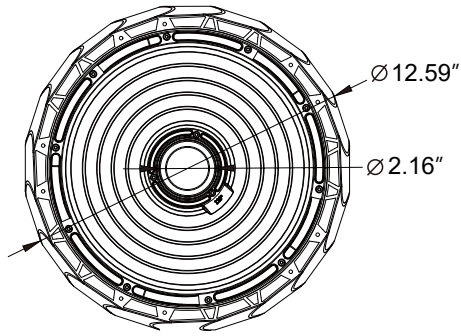
Product Size (in)

60w, 100w & 150w



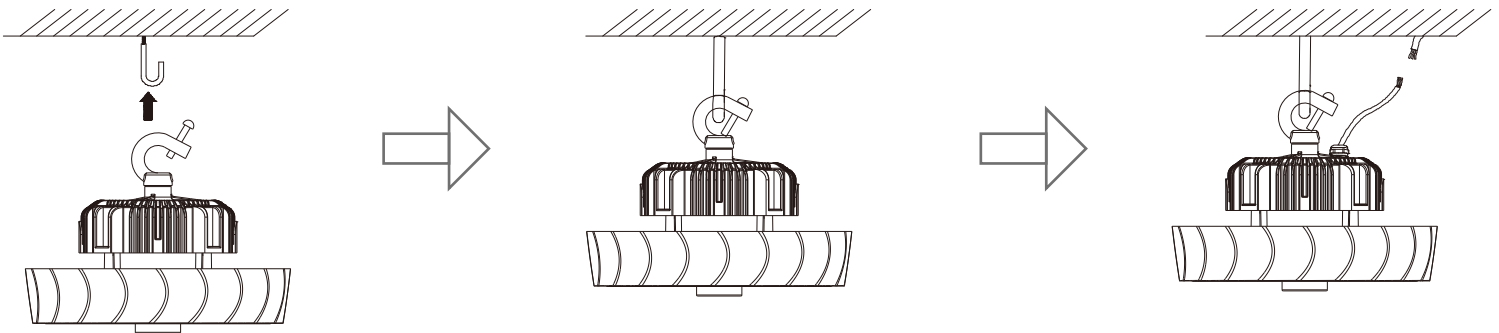
Product Size (in)

200w & 240w

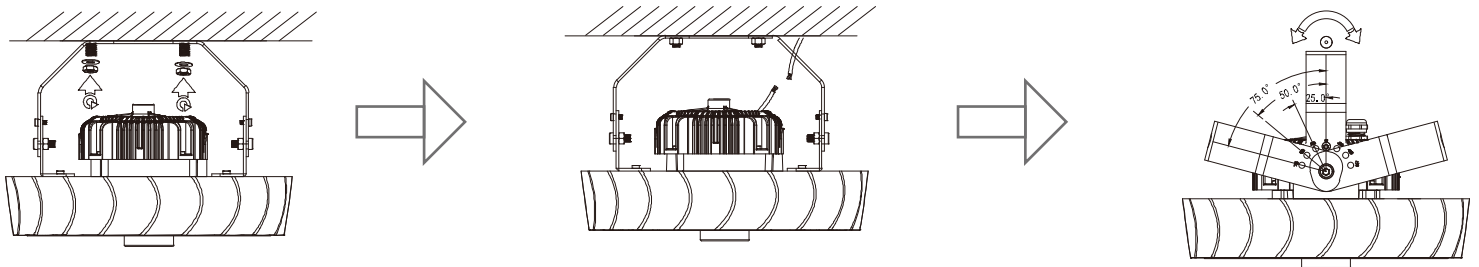


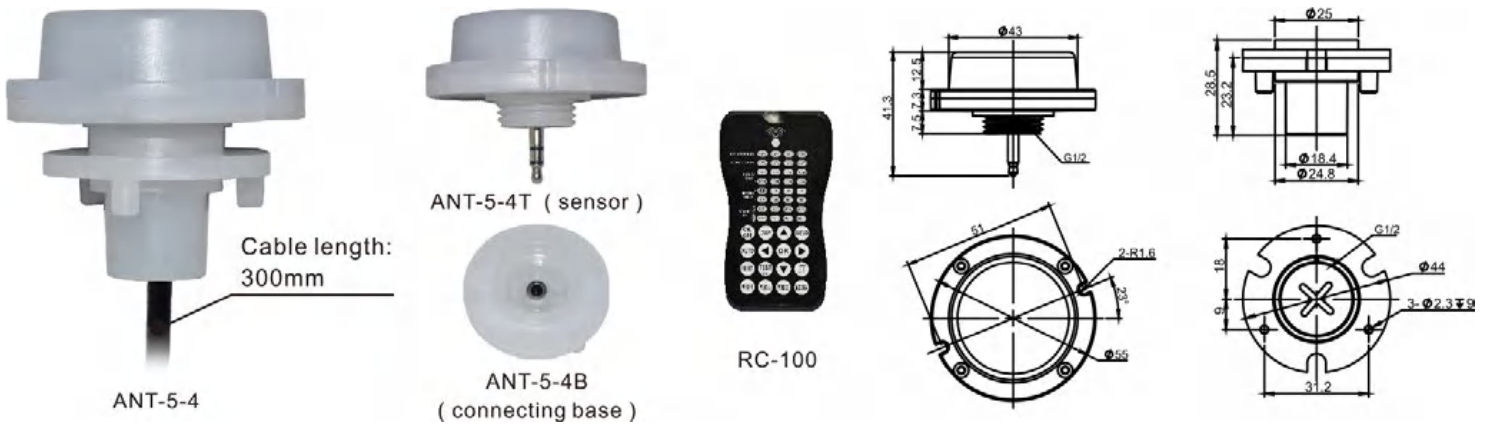
INSTALLATION

Hook Mount



U Bracket Mount

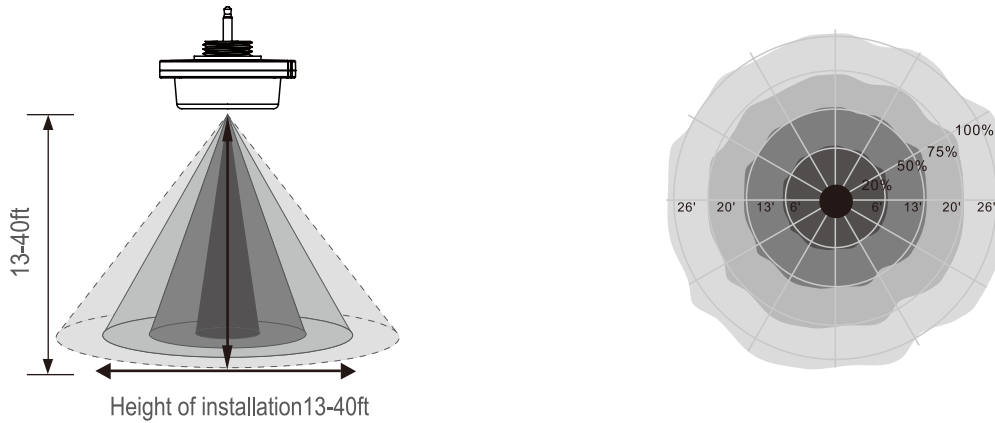




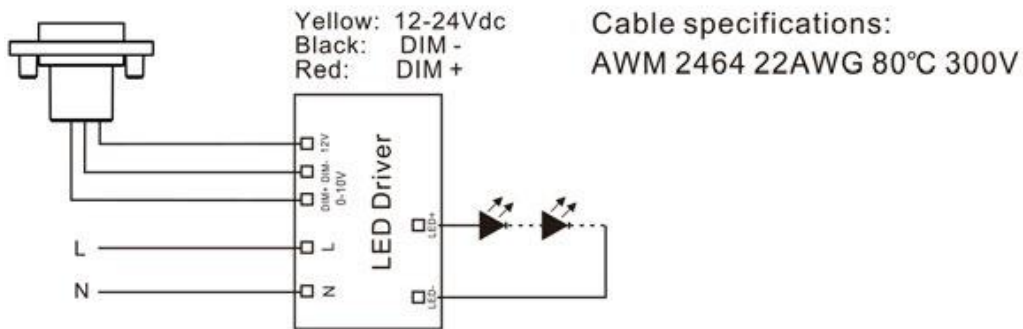
INTRODUCTION

The ANT-5-4 is a motion sensor that dims lighting from high to low based on movement. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body. The sensors use microwave sensing technology that reacts to changes in movement within the coverage area. Once the sensor stops detecting movement and the time delay elapses lights will go from high to low mode and eventually to an OFF position if it is desired. Sensors must directly “see” motion of a person or moving object to detect them, so careful consideration must be given to sensor luminaire placement and lens selection. Avoid placing the sensor where obstructions may block the sensor’s line of sight.

SENSOR Coverage



WIRING Diagrams



## SPECIFICATIONS

Operating Voltage	12-24Vdc
Max. Current Sink	50mA±5%
HF System	5.8GHz±75MHz
Transmission Power	<0.2mW
Dim Control Output	0-10V
Detection radius	20%/50%/75%/100% (1-8m)
Mounting Height Max 50ft.	(15 meters)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-4°F — +140°F (-20°C — +60°C)
IP rating	IP65

### ⚠ WARNING

**NOTE:** Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds and then go to dimming to work normally.

**NOTE:** Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☀, dimming level: 30% dimming time: 60minutes.

**NOTE:** Any setting changed by remote control, the LED light that sensor connect will on/off as confirm.

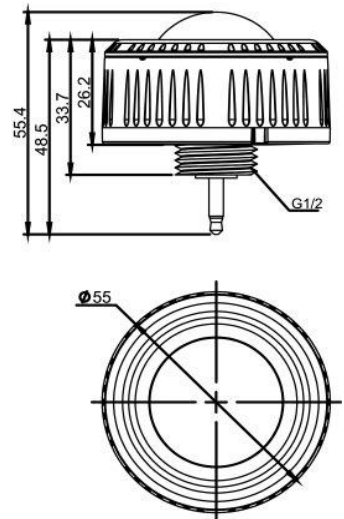
## PIR6 BI-LEVEL PIR Sensor



ANT-6-4T ( sensor )



RC-100



## INTRODUCTION

The ANT-6-4T mounts in an Outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VCD LED drivers or dimming ballasts, and is rated for wet and cold locations. All control parameters are adjustable via a wireless Configuration tool Capable of storing.

Power supply	12V-24V DC, >30mA
Dim control output	0-10V, max. 25mA sinking current
Remote range	50ft. (15m) indoor, no backlight
Dim control output	0-10V
Detection radius	20%/50%/75%/100% (1-8m)
Mounting height	Max 40ft. (12m)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-4°F — +140°F (-20°C — +60°C)
IP rating	IP65

Upon powering the device up, the ANT-6-4T will use factory default parameters to operate. If adjustments are needed, "RC-100" Wireless IR Configuration tool must be used.