NBL
Lighting with Innovations

NBPG Parking & Garage
Canopy Light

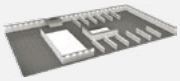
PROJECT DETAILS BOX	
PROJECT	
PRODUCT	
PREPARER	
TYPE	
NOTES	

DLC LISTED | 7 YEAR WARRANTY | OPERATING -40°F - 125°F | CE | UL | RoHS | 24

DESCRIPTION

NebuLite's Parking Garage Fixture is the perfect choice for low level lighting applications like parking garages, gas Stations, business plaza awnings and other general light applications. The low-profile square design offers an anti-glare PC lens, 160-degree ultra-wide beam angle reducing light pollution, along with a Bi-level occupancy sensor and a handheld remote programming tool. The IP65 rated housing is a die cast aluminum for optimal heat dissipation and hinges open for internal access. It comes with knockouts on all 4 sides and one in the back for conduit connections it can be surface, or pendant mounted as well.

SPECIFICATIONS Product Features



Applications: Garages, parking lots, gas stations, factories and other general indoor and outdoor lighting applications.

Construction
This fixture has a rugged corrosion resistance housing made of high-strength die-cast aluminum ADC12. It offers good heat dissipation performance, and has anti-aging electrostatic spray treatment on the surface, a 6030-aluminum heat sink with anti-static powder coat paint.

Electrical
Voltage:
100-277 Volt

Wattage: 30w, 50w

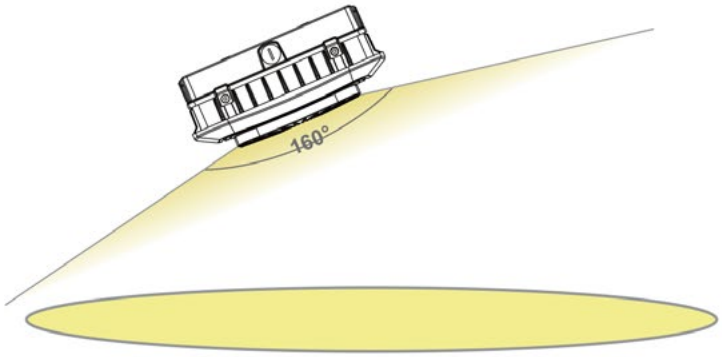
CCT: 3000K, 4000K, 5000K

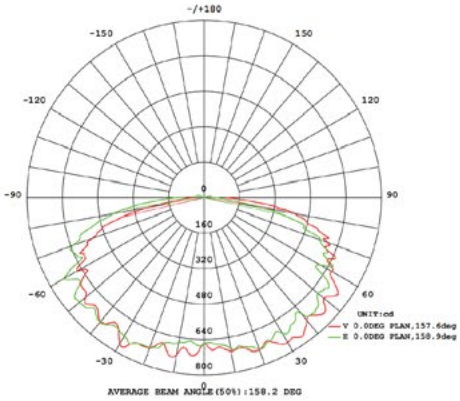
Installation & Mounting
Ceiling Mount
Pendant Mount

Controls & Dimming
0-10 Volt Dimming
12 Volt AUX
Bluetooth Mesh Control
Bi-level Occupancy Sensor

Warranty
7 Year Limited Warranty

BEAM ANGLE

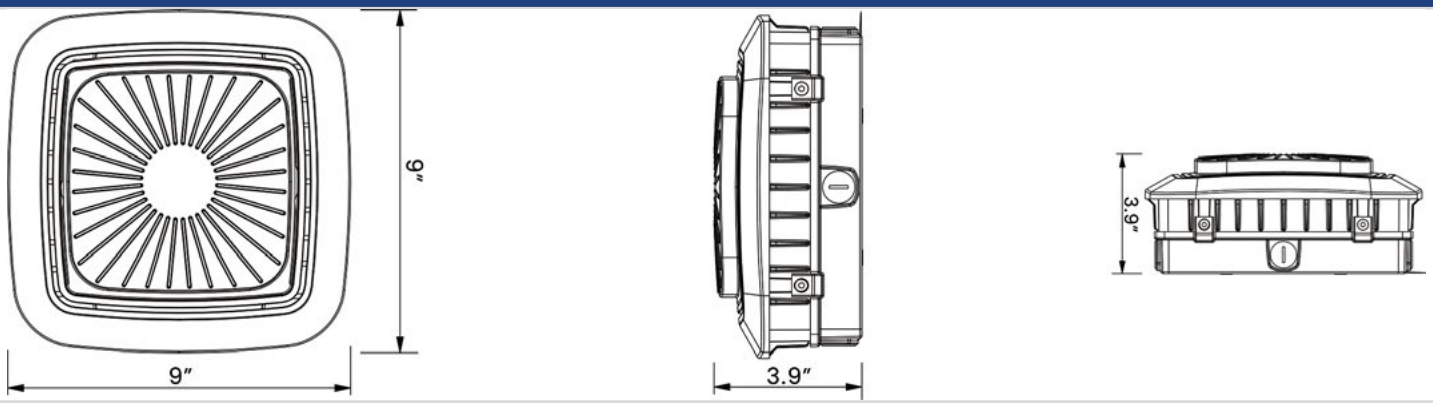




Performace Summary

Input Voltage	100-277V
Input Frequency	50/60 Hz
Rated Wattage	30w, 50w
Efficacy	130 lm/W
CRI	≥80
Available CCT	3000K, 4000K, 5000K
Rated Life (L70)	50,000 hrs
IP Rating	IP65
PF	≥0.9
Certifications	UL, DLC, CE, RoHS
Working Temp. (°C)	-40°F~125°F
LED Light Source	SMD3030

Product Size



Performance Data

MODEL	WATTAGE	CCT	LUMEN	EFFICACY (lm/W)	VOLTAGE
NB-PGC-30W	30watt	3000K, 4000K, 5000K	3,900lm	130 lm/W	100-277vac
NB-PGC-50W	50watt	3000K, 4000K, 5000K	6,500lm	130 lm/W	100-277vac

Ordering Format

Sample: **NB-PGC-30W-50**

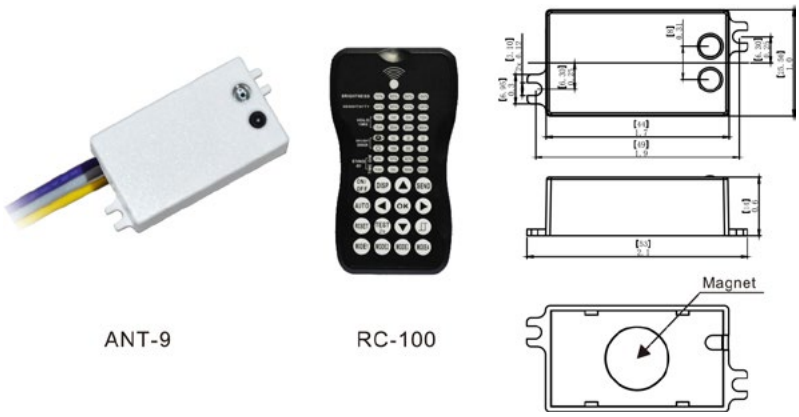
SERIES	WATTAGE		CCT	VOLTAGE	BEAM ANGLE	FINISH*
NB-PGC	30W	50W	30 = 3000K 40 = 4000K 50 = 5000K	BLANK = 100-277V	160°	BLANK = White

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

MOUNTING		OPTIONS	
CM	Ceiling Mount	ANT-9	Microwave Bi-Level Sensor
PM	Pendant Mount 3/4” Pipe**	RC-100	RC-100 Remote Control

** Pipe not included

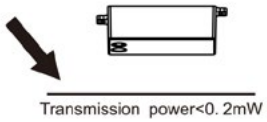
ANT-9 Low Voltage Microware Bi-Level Sensor



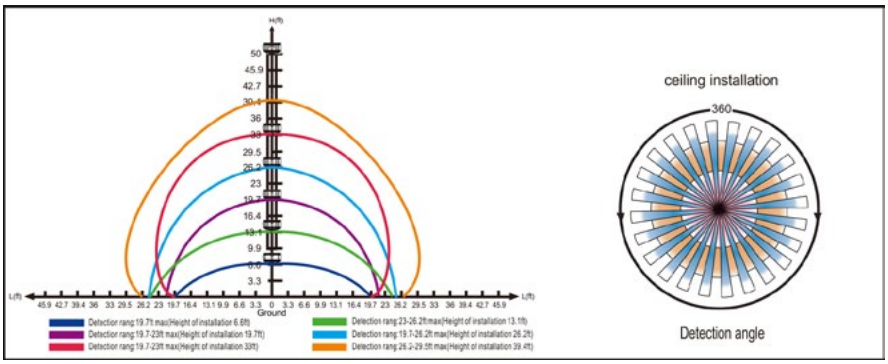
Specifications

Power supply	12V-24V DC
HF System	5.8GHz±75MHz
Dim control output	0-10V, max. 25mA sinking current
Detection radius	Max 26ft. (8m) / 360°
Mounting height	Max 40ft.
Remote range	50ft. (15m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40°F — 158°F (-40°C — 70°C)

NOTE: The high-frequency output of this sensor is <0.2mW - that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.



Sensor Coverage



Once powering the device up, the ANT-9 will use factory default paramenters to operate. If adjusments are needed, “RC-100“ Wireless IR Configuration toll must be used.

Utilizing Field and Introduction

ANT-9 is a moving object sensor that can detect range of 360’and it’s working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -40°C-+70°C), ANT-9 adopts a microwave sensor(high-frequency output <0.2mW),so that it is safe and performs better than infrared sensor.

Function and Options

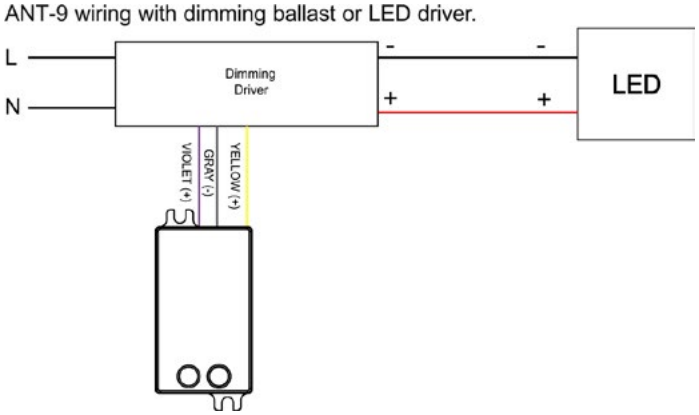
If offers 3 levels of the light Control : 100%--dimming light (0,10%,30%,50°/o)--off; Periods of selectable waiting time: motion hold-time and 24hours, selectable daylight threshold, and freedom of detection area. If natural light lower Light-control setting (10Lux,30Lux,50Lux),thelightwillnotautomaticallyon(0,10%,30%,50°/0). When person enter in the room, the light will on 100c10,after person left the room, the room enter in stand by level after hold on time.

With suffcient natural light, the light does not switch on when presence detected.

With insufficient natural light, the sensor switches on the light automatically when person enters the (options) standby level after the room.The lamp never switch off with presence, even the nature light is sufficient.

People left, light still dims to 0/10%/30%/50% (options) standby level after the hold time.

Light switches off automatically after the dimming time elapsed.

Wiring Diagrams

ANT-9 wiring with dimming ballast or LED driver.