



Project Details

PROJECT	
DATE	
TYPE	
PREPARER	



The NBQL Series Area Light, ideal for outdoor settings, offers high-efficiency LEDs in power options of 30W to 300W and color temperatures of 3000K, 4000K, and 5000K. It features versatile light distributions (Type II to V) and multiple mounting choices (Slip Fitter, Square Pole, Round Pole, Wall Mounts), making it suitable for diverse applications like parking lots, plazas, and roadways..

SPECIFICATIONS

Product Features

Construction

- Die-Cast Aluminum housing
- Anti-static powder coat
- IP66 Rating
- Polycarbonate Lens
- Superior thermal management

Installation & Mounting

- Square Pole Arm Mount
- Round Pole Arm Mount
- Slip-Fitter Mount
- Wall Mount/Trunnion Mount

Controls & Dimming

- 0-10 Volt Dimming
- 12 Volt AUX
- Twist-lock Dusk to Dawn PC
- Bi-level Occupancy Sensor

PERFORMANCE

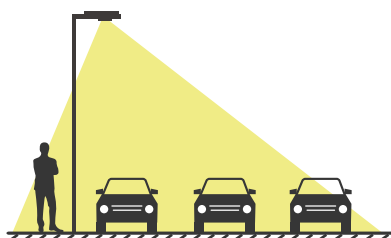
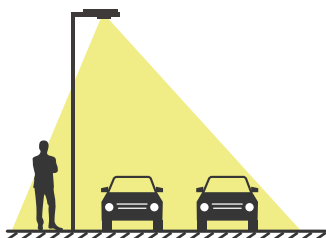
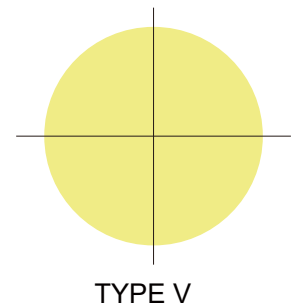
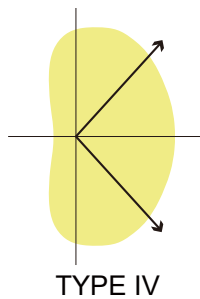
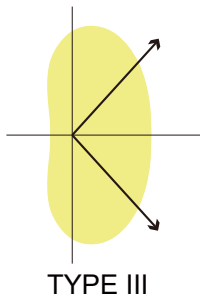
Summary

Input Voltage	100-277V, 277V-480V
Input Frequency	50/60 Hz
Rated Wattage	30W-50W-75W(Fixed Watt, 5K) 100W-150W-200W(Watt & CCT Selectable) 200W-240W-300W(Watt & CCT Selectable)
Efficacy	150 lm/W
CRI	>70
Available CCT	3000K, 4000K, 5000K
Rated Life (L70)	100,000 hrs
IP Rating	IP66
PF	>0.95
Certifications	UL, DLC, CE, RoHS, UL, FCC
Working Temp. (°F)	-22°F - 122°F
LED Light Source	SMD 3030 5050



LIGHT DISTRIBUTION

Curve



PERFORMANCE

Data

MODEL	WATTAGE	LUMEN (CCT:3000)	LUMEN (CCT:4000)	LUMEN (CCT:5000)	EFFICACY (lm/W)	VOLTAGE	BUG
NBQL-30W	30watt	4,215lm	4,308lm	4,410lm	150 lm/W	100-277V	B1 - U0 - G1
NBQL-50W	50watt	7,615lm	7,825lm	7,932lm	150 lm/W	100-277V	B1 - U0 - G1
NBQL-75W	75watt	11,088lm	11,317lm	11,535lm	150 lm/W	100-277V	B2 - U0 - G1
NBQL-100W	100watt	14,930lm	15,251lm	15,482lm	150 lm/W	100-277V, 277V-480V	B2 - U0 - G2
NBQL-150W	150watt	22,472lm	22,633lm	22,861lm	150 lm/W	100-277V, 277V-480V	B3 - U0 - G2
NBQL-200W	200watt	30,138lm	30,336lm	30,578lm	150 lm/W	100-277V, 277V-480V	B3 - U0 - G3
NBQL-240W	240watt	36,000lm	36,000lm	36,000lm	150 lm/W	100-277V, 277V-480V	B3 - U0 - G3
NBQL-300W	300watt	45,624lm	45,886lm	46,204lm	150 lm/W	100-277V, 277V-480V	B4 - U0 - G3

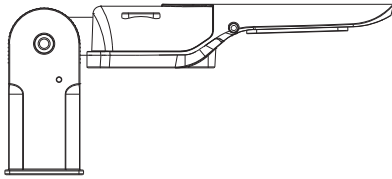
*Lumen data based on by 5000K

*The BUG based on T3 lens

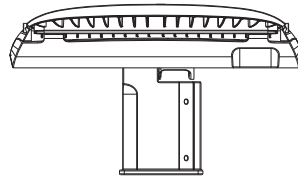
EPA

Data

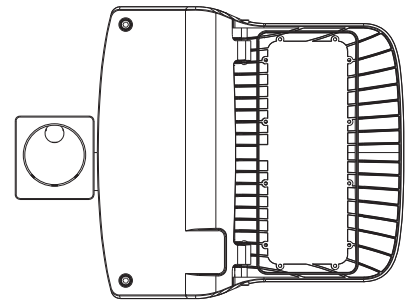
30W - 80W



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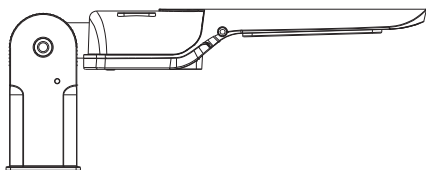


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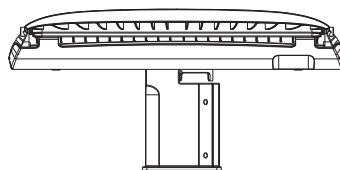


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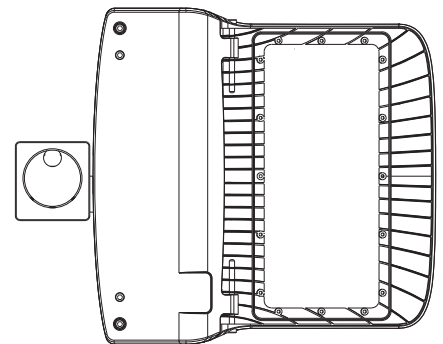
100W - 150W



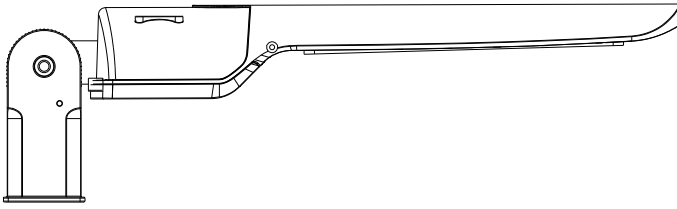
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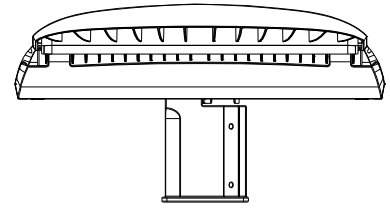
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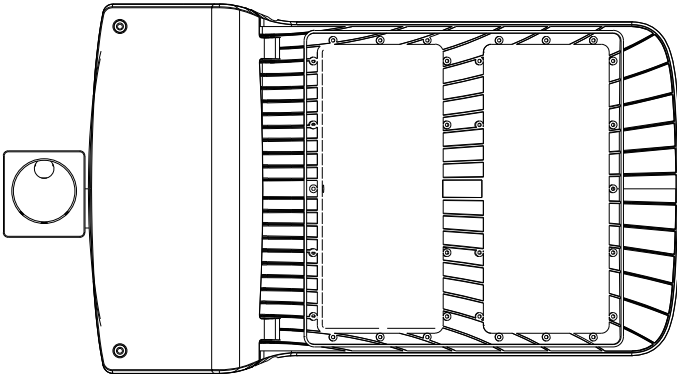
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EPA=2.7675

ORDER Data

Sample: NBQL-100W-40-HV-T3-ARMT2

SERIES	WATTAGE	CCT	VOLTAGE	OPTICS	FINISH*
NBQL	30W,50W,75W	30 = 3000K 40 = 4000K 50 = 5000K	V = 100-277V HV = 277V-480V	T2	BLANK = Bronze WH = White BLK = Black SVL = Silver
	100W-150W-200W			T3	
	200W-240W-300W			T4	
				T5	

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

MOUNTING Options

SF	2 3/8" Slip Fitter	ARMT2	Adjustable Arm Mount (Round)	PCN	JL-205C Photocell Sensor
SF2	3" Slip Fitter	WB	Wall Mount	PIR6	Bi-Level PIR Sensor
ARMT1	Adjustable Arm Mount (Square)	SDXX	SD05C-277 / SD10C-480		

SF	SF2	ARMT1	ARMT2	WB
2 3/8" Slip Fitter	3" Slip Fitter	Adjustable Arm Mount (Square)	Adjustable Arm Mount (Round)	Wall Mount

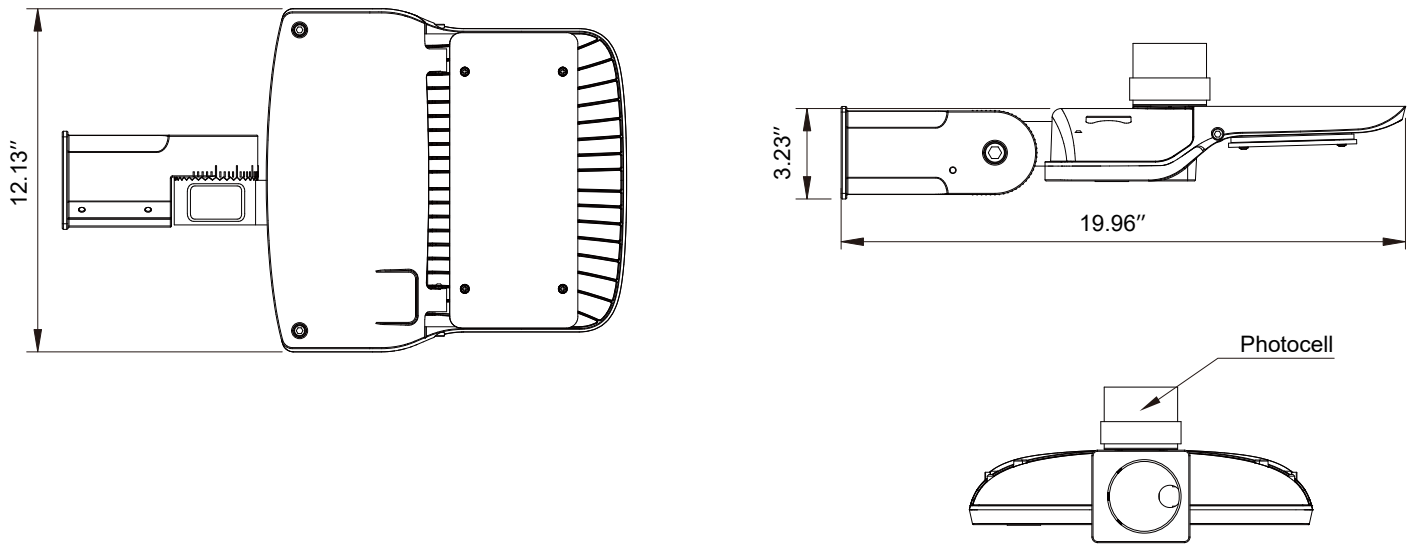
SF	SF2
2 3/8" Slip Fitter	3" Slip Fitter

ARMT1	ARMT2
Adjustable Arm Mount (Square)	Adjustable Arm Mount (Round)

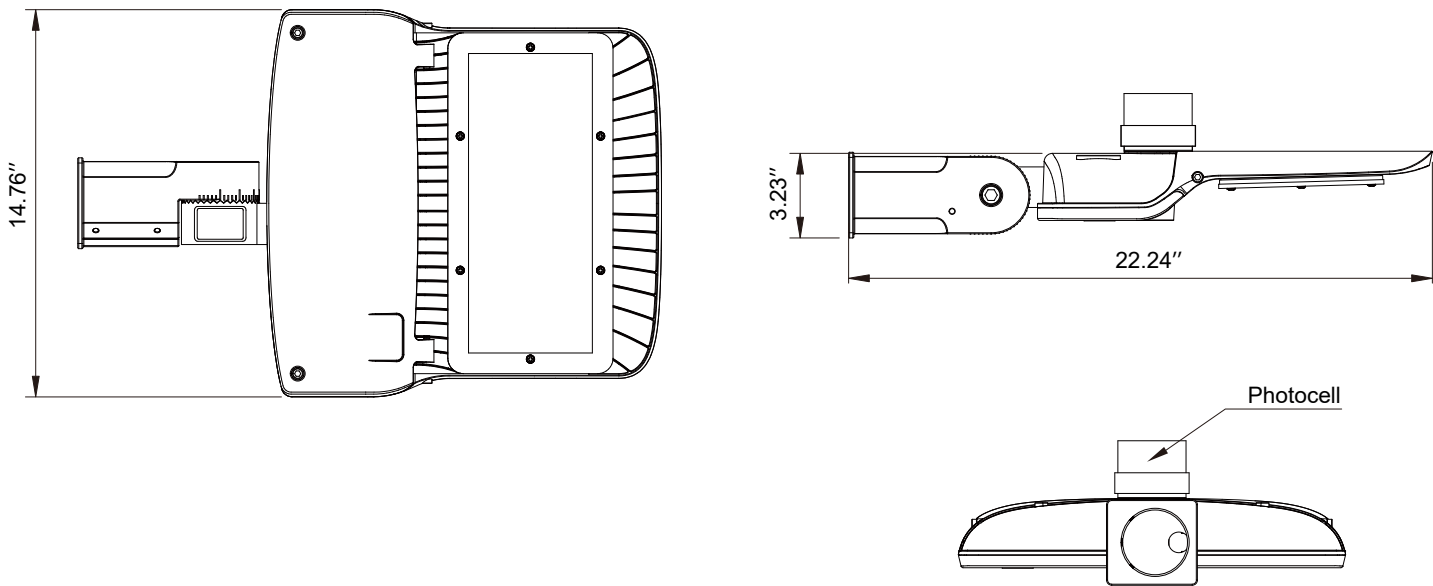
WB
Wall Mount

DIMENSIONS

30 Watt - 75 Watt
Housing Size (in)

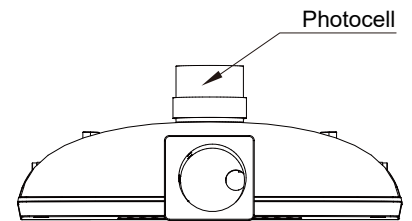
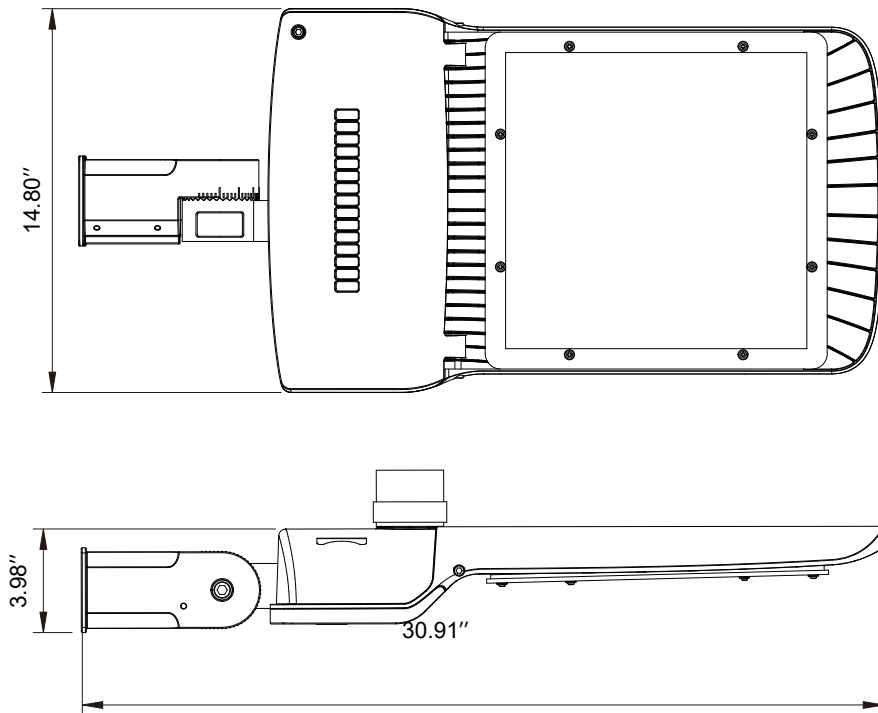


100 Watt - 150 Watt
Housing Size (in)



200 Watt - 300 Watt

Housing Size (in)

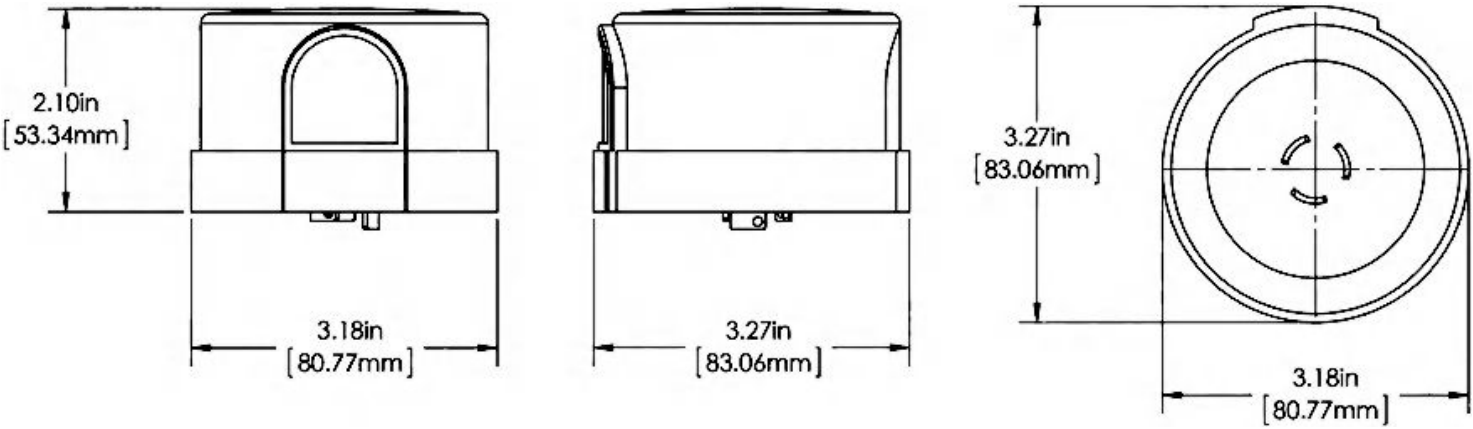


PCN 120-277V TWIST LOCK Photocell Light Sensor Switch JL-205C



Product Model	JL-205C
Rated Voltage	110-277VAC
Applicable Voltage Range	105-305VAC
Rated Frequency	50/60Hz
Rated Loading	1000W Tungsten; 1800VA Ballast
Power Consumption	0.5W [STD] / 0.9W [HP]
On/Off Level	16Lx On 24Lx Off
Ambient Temp.	-40°C ~ +70°C
Related Humidity	99%
Overall Size	84(Dia.) x 66mm
Weight Approx.	110g [STD] / 125g [HP]

DIMENSIONS



SDXX SD05C-277/SD10C-480 Series Pole Surge Protector



UL 1449 Type 4 CA and IEC/EN 61643-11 T2 standards
With thermal protection
Series or Parallel
In: 5kA, 10kA
UOC/Vmax: 10kV, 20kV
Imax: 10kA, 15kA, 25kA
GDT for common mode optional
Rated voltage: 120V, 277V, 347V, 480V
14 AWG wire, lower clamping voltage
IP 66

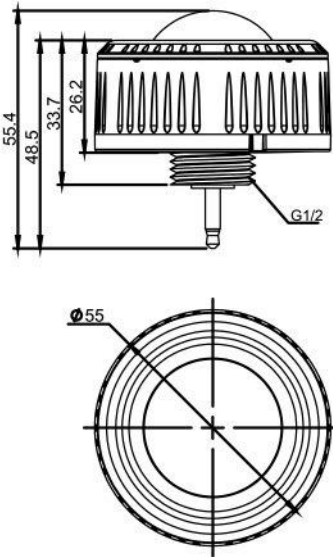
PIR6 BI-LEVEL PIR Sensor



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.

- **WARNING**

NOTE: Warm up time is 40seconds. After the sensor connects input power first time, the light will keep on 40seconds 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.