AGC lighting

Version: 3.1

Electrical Information

Model No.	CP02-025/Dc	CP02-040/Dc	CP02-060/Dc	CP02-080/Dc	CP02-100/Dc
Power Consumption(W)	25	40	60	80	100
Wattage Selectable(±10% @100% power)	100% , 75% , 50% , 30% (Selectable)				
Power Supply	Becky				
Input Voltage	120-277 Vac, 120-347Vac, 50 / 60 Hz				
Power Factor	>0.9				
Surge Protection	4kV line-line, 6kV line-earth				
Driver Type	Constant current (CC)				
Control	Dimmable,Microwave sensor, PIR sensor, 8W1.5H emergency backup optional				
Note	Due to the characteristics of the non-isolated driver, when the dim cable is connected to 0V, the luminiare cannot be completely turned off but will remain weak brightness. If you need to completely turn off the luminaire, we suggest you add resistors on the PCB at the factory before deliverying it, please contact your sales for details.				

Optic Information

LED Type	LED 2835				
Luminous Flux@4000K Ra70 (lm)	4000	6400	9600	12800	16000
Efficacy@3000K Ra70(lm/W)	140				
Efficacy@4000K Ra70(lm/W)	160				
Efficacy@5000K Ra70(lm/W)	150				
Correlated Color Temperature	CCT (3000K, 4000K, 5000K)				
Color Rendering Index	Ra70 (Ra80 optional)				
Beam Angle	U00C09 (Type V)			U00C07 (Type V)	
UGR level	NA				

* The tolerance for luminious flux is ±10%.

Dimensions and Mount

Product Dimension (mm/inch)	φ272x78/φ10.7x3	φ322x84/φ12.7x3.3
Luminaire Net Weight (kg/lbs)	2.1/4.63	2.6/5.73
Export Carton Size (mm/inch)	330x330x130/13x13x5.12	375x375x140/14.76x14.76x5.51
Gross Weight (kg/lbs)	2.8/6.1	3.8/8.4
Mounting Option	Surface mounting, Conduit mounting	
Material	Aluminum alloy	
	Polycarbonate optical lens	
Finish	Powder coating	
Fixture Color	White (RAL9016)	
EPA	NA	
IK Rating	IK08	
IP Rating	IP65	

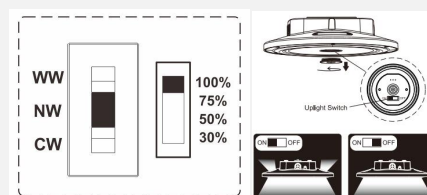* The tolerance for weight is ±6%.

Lifespan and Warranty

Operating Temperature(°C/°F)	-30 to + 50 / (-22 to +122)	-30 to + 45/ (-22 to +113)
Operating Temperature of Emergency Solution(°C/°F)	0 to + 40 / (32 to +104)	
Lifespan of LED @Ta=25°C(hours)	L90-46000	
	L80-91000	
	L70-153000	
Warranty (years)	5	

Description

Terse design of appearance, simple and light structure, more in line with the modern aesthetic. Uplight is a standard design feature, which eliminates the "cave effect" often caused by traditional parking garage light, making them ideal for applications that require more attention to the ambiance.

Key Features

• ADC12 die-casting aluminum, which has excellent heat dissipation effect.
• High output efficiency up to 160lm/W.
• PIR/microwave sensor are optional.
• 3CCT & 4 power adjustable.
• Up light switch as standard.
• The uplight flux accounts for 5%-10% of the total fixture light flux.
• Emergency backup available.
• 3/4"NPT mount and ceiling mount are available.
• IP65 &IK08.

Applications

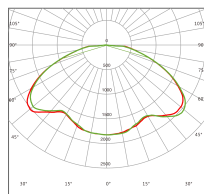• Indoor parking area
• Garage
• Basement

New Features

• 3 CCT available.
• Power selectable, available for 30%, 50%, 75% and 100%.
• External emergency back up optional.
• Up light switch as standard.
• PIR / microwave sensor only work for lighting fixture with 100% power output
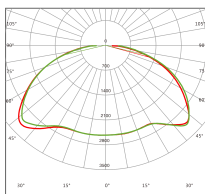

* Please consult us for details.

Photometry

25W/40W/60W beam angle

U00C09

80W/100W beam angle

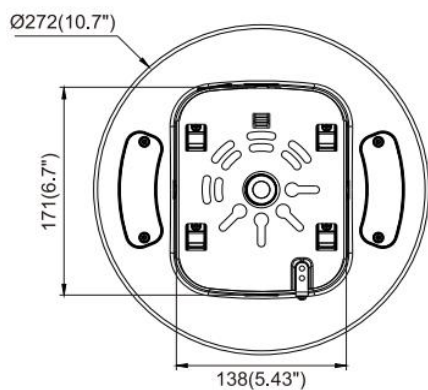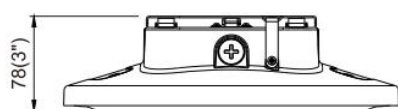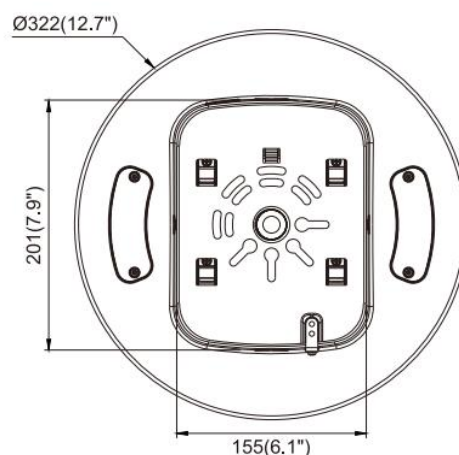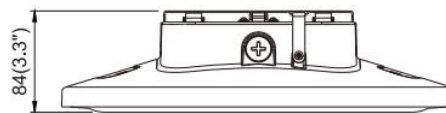U00C07

Mounting Options

Surface mounting

Conduit mounting

Dimensions

Unit:mm/inch

25W/40W/60W

- 78(3")
- Ø272(10.7")
- 171(6.7")
- 138(5.43")

80W/100W

- 84(3.3")
- Ø322(12.7")
- 201(7.9")
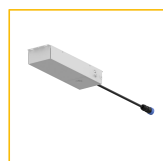- 155(6.1")

Accessories

Motion sensor
PC
Φ52*20mm

Code: SR-H30-01

PIR sensor
PC
Φ61*28mm

Code: HN074-01VRPH

Emergency kit
SPCC
8W1.5H emergency backup
Operating Voltage: 120-277V
IP Rating:IP20

Code: EM-C02-01