GOLDENLUX
Delivering Value to Lights

CP04-Series

KEY ADVANTAGES

• Power & CCT Selectable, customizable lighting that saves energy and adapts to any environment.

• Zhaga Avaliable, providing flexible sensor options including microwave, infrared, and TUYA sensors to meet your specific needs.

• 60/ 90/ 120°Beam angle optics, versatile lighting options to enabling precise and customized light distribution for any space.

• Excellent Heat Dissipation, extended lighting lifespan.

• Patented flip-cover design, no hassle, no complex, easy maintenance!

• Easy & Various Installations, Flexible installation methods with Hanging Brackets and Ceiling mounts to suit various settings.

• Robust Protect IP65&IK07 Rating, keep longevity and reliable performance

TYPES OF APPLICATION

• GAS STATION

• LEISURE AREA

• CAR PARKS

GAS STATION

LEISURE AREA

CAR PARKS

CE

RoHS COMPLIANT

IK07

IP65

5 YEARS WARRANTY

GENERAL INFORMATION

Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium
Optic	Polycarbonate
Protector	Glass
Glass	Tempered glass
Respirator	Yes
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 1127 white
Tightness level	IP 65
Impact resistance	IK 07

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C to + 45°C
Operating Humidity	10-90%RH
Mounting Option	Ceiling mount / Bracketmount Recessed mount
Warranty	5 years

PERFORMANCE

Power	100W/120W/150W
Efficacy	150lm/W
Power Efficiency	≥86%
Start Time	≤0.2S

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	120-277V │ 50/60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	6KV-Line-Line 6KV-Line-Earth
Electromagnetic compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Control protocol(s)	1-10V, DALI2 (optional)
Sensor	Motion sensor (optional)
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)
Filcker	No

For fixed Class 1 luminaires, overvoltage protective devices which comply with IEC 61643-11 shall be disconnected from the circuit.

withstand voltage	1.5KV 60S 10mA

※Lamp switch must control L line or control L and N lines.

OPTICAL INFORMATION

LED Type	SMD2835
Beam Angle	60° / 90° / 120°
Recommended installation height	4m to 10m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour temperature	3000K / 4000K / 5000K / 5700K / 6500K
Colour rendering index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%

※Ra measurement tolerance is ±2.

LIFETIME OF THE LEDS @ TA 25°C

All configurations	
L70B50	>100,000h
L80B20	>50,000h
L90B10	>30,000h
Switching Cycles	>100,000 times

2-3/F Building 2, Bei Fang-Yong Fa Industrial Park, Jincheng Road, Shajing Town, Bao'an District, Shenzhen. / www.goldenlux.cn

LED Canopy Light | 2

STANDARD VERSION

POWER		LUMENS		EFFICACY	
	100W		15,000LM		150LM/W(Ra70)
			14,000LM		140LM/W(Ra80)
	120W		18,000LM		150LM/W(Ra70)
			16,800LM		140LM/W(Ra80)
	150W		22,500LM		150LM/W(Ra70)
			21,000LM		140LM/W(Ra80)

※The Performance Data is tested base on 230VAC, 90° and 4000K for all versions
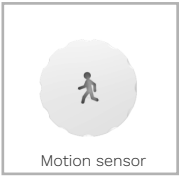※Power Consumption Tolerance ±5% (Apply to all versions)
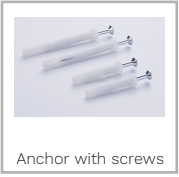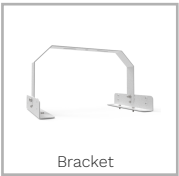※Lumen Efficiency Tolerance ±5% (Apply to all versions)

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L425*W405*H175mm	1PCS/CTN	0.0301m³	4.5kg	5.3kg	863pcs	2191pcs
120W	L425*W405*H175mm	1PCS/CTN	0.0301m³	4.5kg	5.3kg	863pcs	2191pcs
150W	L425*W405*H175mm	1PCS/CTN	0.0301m³	4.6kg	5.4kg	863pcs	2191pcs

LIGHT DISTRIBUTIONS

60°

90°

120°
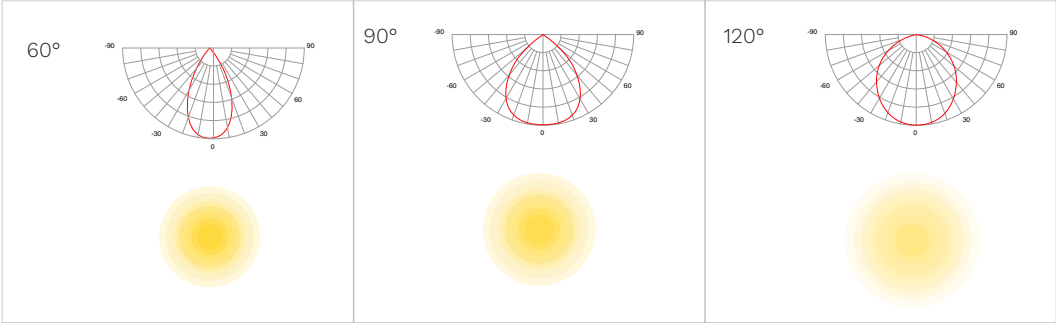
OPTIONAL ACCESSORIES

Motion sensor

Anchor with screws

Bracket

Embedded Bracket (x2)

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4

CP04-SERIES | CHARACTERISTICS

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⚠ Connecting the cable requires an IP65 Tightness level

100W/120W/150W

100W/120W/150W