LED CANOPY LIGHT / PARKING GARAGE LIGHT

Bluetooth SMART LIGHTING

SMART 401 SERIES

PRODUCT DESCRIPTION:

The Smart 401 Series Parking Garage Light is a highly durable and robust light designed for production areas, parking facilities, and any other low-bay application. The APP combined with the built-in UL dual-channel intelligent driver and Bluetooth sensor, allows you to adjust the CCT, brightness, standby time, set motion detection, and create schedules.

CONTROLS:

• Wireless occupancy and daylight sensor
• Led Driver with built-in wireless BlueTooth module

DIMENSION DRAWING:

255.44 [10.06"]

255.44 [10.06"]

106.55 [3.35"]
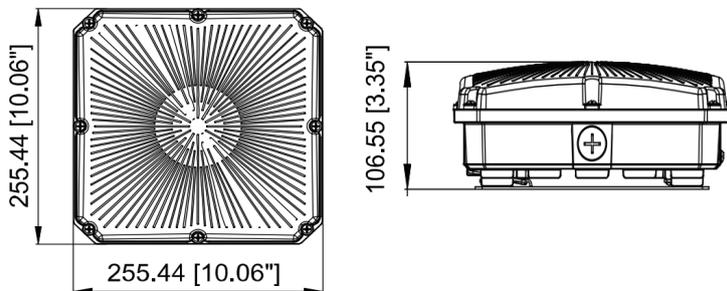
FEATURES:

• Samsung lamp beads, Ra>80, luminous efficacy 135lm/W
• Occupancy and daylight harvesting sensor
• Base on Morlink / Silvair Bluetooth Wireless Control
• Built-in backup Driver can be installed
• IP65, suitable for wet places
• Generally used in indoor parking lots or other places
• Compliant with US and Canada or CE codes
• Superior efficacy meets DLC Premium requirements.

APPLICATIONS:

• Parking Structures & Public Areas
• Industrial Facilities
• Walkways & Car Washes

WARRANTY:

• 5-year standard warranty

DIMENSION CHART:

Length	Width	Depth
10.06"	10.06 "	3.55"

DLC QPL LISTED PREMIUM

c ETL us LISTED Intertek

120-277 VOLT

80 CRI

IP65

5 YEAR WARRANTY

UL VERIFIED V839420

PARAMETER

Ordering information	MA-HCP401A-TCP-28W-F-CCT-D-HV-M-B

FAMILY	WATTAGE	DIFFUSER TYPE	CCT	D	LV	SENSOR MODEL	OPTIONS
MA-HCP401A= LED Parking Garage 401 Series	28W	F=Frosted Diffuser C=Clear Diffuser	[1] TCP=3CCT Selectable CCT=CCT Smart Adj	Dimming	LV=277V	M=Microwave P=PIR	B=BLE Control EM= Emergency Driver

[1] TCP=3000K/4000K/5000K DIP Selectable
CCT=3000K-5000K Stepless Adj

SPECIFICATION:

ITEM	SPECIFICATION	MA-HCP401A	MA-HCP402A	MA-HCP405A	MA-HCP406A	MA-HCP407A	MA-HCP408A
		DETAILS					
GENERAL PERFORMANCE	Power Consumption	28W	40W	60W	70W	25W/30W/40W	45W/60W/70W
	Equivalent Wattage	80W	120W	180W	200W	70W/90W/120W	130W/180W/200W
	Lumens Delivered	3360lm	4800lm	7200lm	8400lm	3000/3600/4800lm	5400/7200/8400lm
	Efficacy	120 lm/W					
	CRI	80+					
	Color Temperature	3000K / 4000K / 5000K DIP Selectable or CCT App Adjustable					
	L70 Lumen maintenance	50,000 hours					
ELECTRICAL	Power Factor	>0.9					
	Input Voltage	100-277V					
	Dimming	0-10V dimming standard					
PHYSICAL	Mounting	Ceiling, Pole-pendant					
	Operating Temperature	-40°F to 104°F					
QUALIFICATION	Qualifications	ETL					
	Material Usage	RoHS compliant; no mercury					
	Environment	Suitable for use in indoor, outdoor, humid locations					
	Warranty	5 Years Warranty					

*To stem mount product, remove hook in the field.

ACCESSORIES (For APP Smart Fixture):

| IMAGE	MODEL NUMBER	DESCRIPTION
	MA-LH101M	Bluetooth Microwave Motion Sensor works with Morlink / Silvair
	MA-LH201P	Bluetooth PIR sensor works with Morlink / Silvair

DLC LISTED PREMIUM | ETL LISTED Intertek | 120-277 VOLT | 80 CRI | IP65 | 5 YEAR WARRANTY | UL VERIFIED V88420

PHOTOMETRIC REPORTS

Photometric values based upon tests performed in compliance w/ LM-79.

MA-HCP402A-TCP-40W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
- C0/180, 165.9
- C30/210, 166.4
- C60/240, 166.2
- C90/270, 165.8

AVERAGE BEAM ANGLE (50%): 166.1 DEG

MA-HCP406A-TCP-70W

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
- C0/180, 163.0
- C30/210, 163.0
- C60/240, 163.0
- C90/270, 163.0

AVERAGE BEAM ANGLE (50%): 163.0 DEG
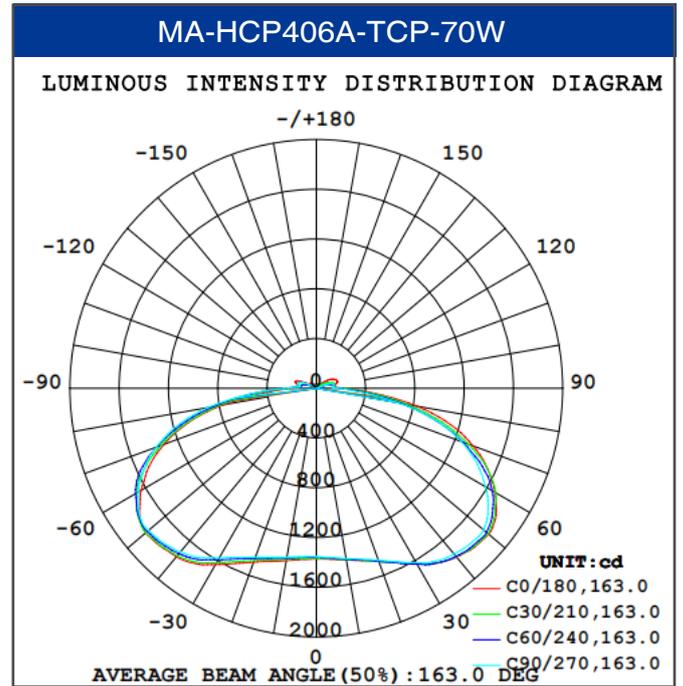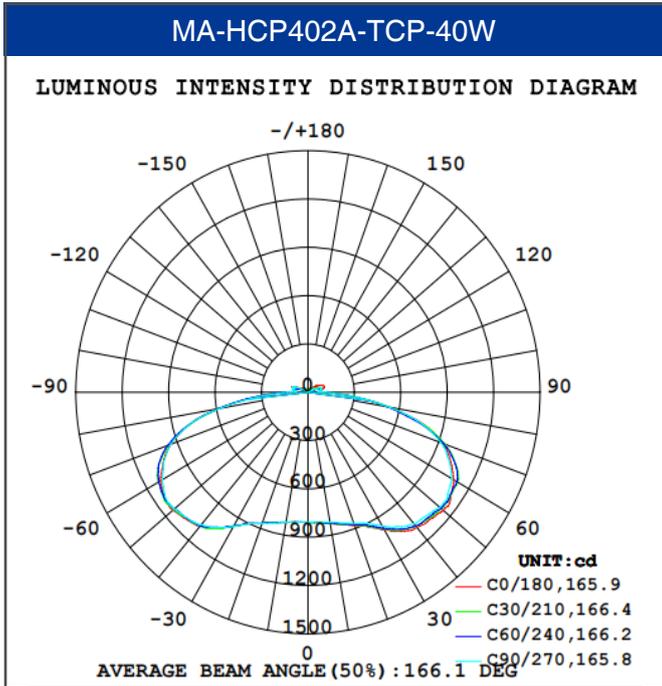
MICROWAVE SENSOR COVERAGE:

13-40ft

Height of installation 13-40ft

100%
75%
50%
20%

26' 20' 13' 6' 6' 13' 20' 26'

PIR SENSOR COVERAGE:

Coverage Side View

0'
10'
20'
30'
40'

30' 20' 12' 6' 0' 6' 12' 20' 30'

60 ft

30' 27' 20' 12' 6' 3' 0' 3' 6' 12' 20' 27' 30'

DLC QPL LISTED PREMIUM

c ETL us LISTED Intertek

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MORSTAR
LIGHTING

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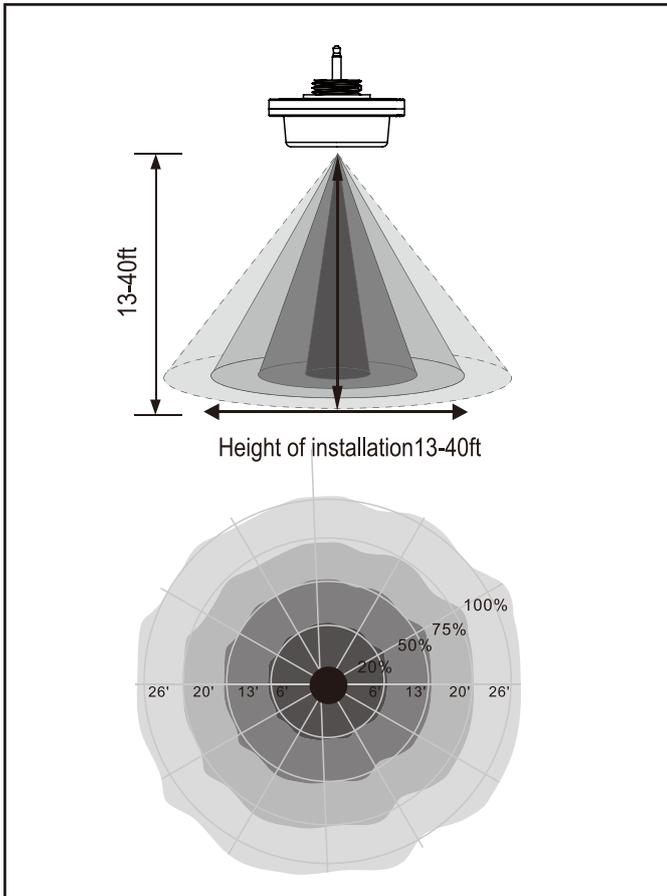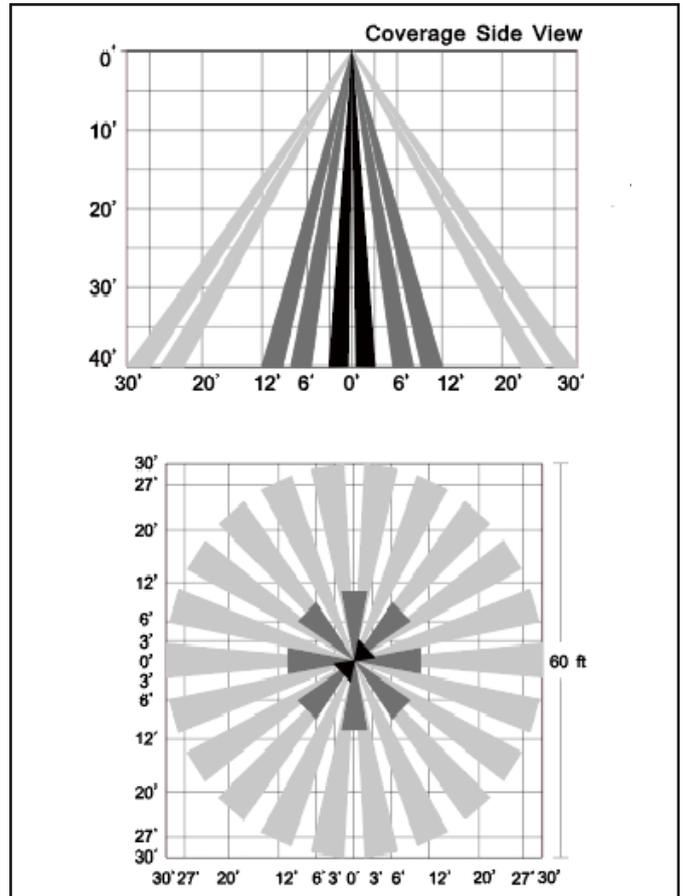
Our Smart Lighting Solutions
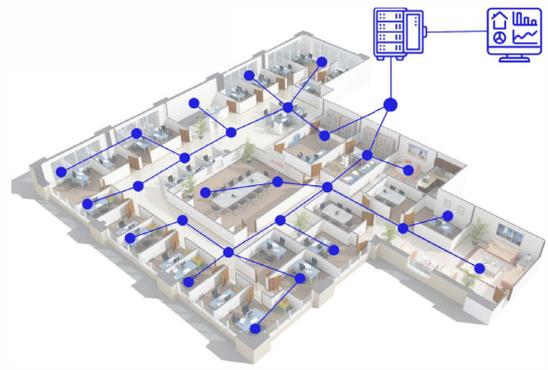
MORLINK

Complete Businesses Smart Lighting Solution

01 Multi-application platform design, integrating Bluetooth. Zigbee and WiFi wireless general technology can realize equipment group control, equipment monitoring and fault diagnosis, scene management, and automation, etc.

02 Users can share lighting equipment by equipment category or area on the Morlink SaaS platform, and scan the equipment sharing QR code through the Morlink applet for remote control.

03 Support visual management of equipment, large-scale data analysis, user authorization and allocation, site mapping and configuration, and unified management of multiple projects.
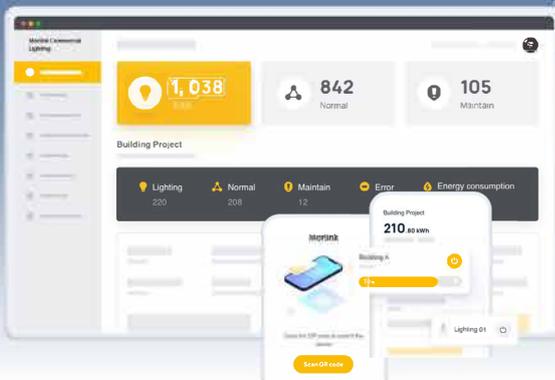
SILVAIR

Reliable and energy-efficient lighting control solution

Silvair Intelligent Lighting Control System is a wireless lighting control system that uses Bluetooth mesh technology to enable advanced lighting control capabilities. Compared to other competitors in the market.

Compatibility

Compatible with more devices including DALI and 0-10V interfaces. Can be easily integrated into existing lighting infrastructure without major changes.

Capabilities

More advanced lighting control functions can be integrated with other building automation systems to provide a comprehensive solution for intelligent lighting control.

Interface

Friendly interface: Intuitive user interface, can easily control and manage their lighting system and provide configuration and customization services to meet specific user needs.

Scalability

Highly scalable and can be easily expanded as lighting needs grow. This makes it an ideal solution for both small and large-scale projects.