

Canopy Light



Outdoor SERIES



PRODUCT OVERVIEW

AL TSA Canopy lights are designed to combine efficiency and last a lifetime. It is energy efficient and robust means of lighting areas with canopies where weather and moisture plays a role.

The **AL TSA Canopy lights** are available in different wattages and efficiency's ranging from 120-130lm/W, while offering excellent light distribution and uniformity.

Quality comes standard...



Hours
LIFESPAN



IP65
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Outdoor Corridors

Mining Plants

Industrial/Commercial Complexes

Gas Stations

CONSTRUCTION DETAILS

Integrated aluminium heatsink

IK10 impact rating

Corrosion resistant powder coat

FEATURES

70-80% Energy Saving

High Impact Resistance (IK10)

Polycarbonate Lens (No Yellowing)

5 Year Warranty

Easy Installation




Bi-Level dimmable motion sensor optional

Daylight Harvesting.

Top & Side conduit openings

Canopy Light

TECHNICAL DATA | Canopy Wide & Slim

MODEL No.:	VOLTAGE (V)	POWER (W)	BEAM ANGLE	LUMEN (lm)	SIZE (MM)	CCT (K)	CRI	
MBLCL120/*/**	100-277VAC	120	110°	130lm/w	480x480x37	2200, 6000K	>80	
MBLCL130/*/**	100-277VAC	130	110°	130lm/w	480x480x37	2200, 6000K	>80	
MBLCL150/*/**	100-277VAC	150	110°	130lm/w	480x480x37	2200, 6000K	>80	
MBCS045/*/**	100-277VAC	45	90°	120lm/w	265x265x97	2200, 6000K	>80	
MBCS070/*/**	100-277VAC	70	90°	120lm/w	265x265x97	2200, 6000K	>80	
MBCW050/*/**	100-277VAC	50	120°	120lm/w	225x225x185	2200, 6000K	>80	
MBCW090/*/**	100-277VAC	90	120°	120lm/w	316x316x229	2200, 6000K	>80	

* **Control Option:** Standard (STD) / Dimmable Sensor (DIM)

** **Colour Temperature:** 4000K (04) / 6000K (06)

MECHANICAL DATA

Lamp Description:	Philips LED 3030
Operating Temperature:	-20°C ~ 50°C
Housing Material:	Aluminium
Lens Material:	PC
Housing Finish:	Black
IP Rating:	IP65
Mounting Configuration:	Recessed/Surface

ELECTRICAL DATA


FEATURES		
Driver:	Turefull	EMC Applicable
Electrical Class:	Class 1	Triac Dimmable
Nominal Voltage Range:	184 - 264 VAC	DALI Control
Power Factor:	>0.95	1-10V Control
THD:	12%	Motion Sensor
Surge Protection:	Standard 1000V- Optional 3000V	
Battery Backup:	20% 30 - 90 Minutes	
Photocell:	External	
Cable Entry:	Bottom	

Canopy Light

TECHNICAL DATA | Sensor

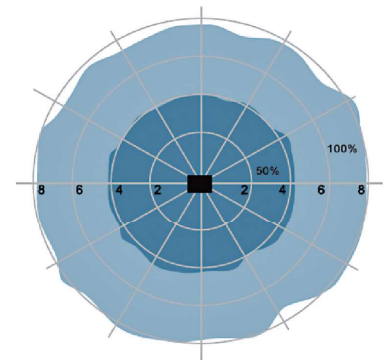
Innovative and active motion detectors with high frequency 5.8GHz detection system. Motion can be detected through plastic, glass and thin -non-metallic materials. The sensor allow energy saving without compromising efficiency. When used in Combination with a 1-10V dimmable driver, a 3-step dimming function is achieved, which is perfect for use in areas that Requires ambient light before switching off.


The 1-10V interface can be incorporated with a stand-alone daylight sensor and implemented daylight harvesting. This means the lighting system has automated controls that either turn off or dim artificial light in response to the available daylight. Each sensor has various controls which are described below:

ON ↑ 		1	
	I	ON	100%
	II	—	50%


DETECTION AREA:
Can be reduced to fit the Installation

DETECTION:




ON ↑ 		2	3	4	
	I	ON	ON	ON	5s
	II	—	ON	ON	30s
	III	ON	—	ON	90s
	IV	—	—	ON	3min
	V	ON	ON	—	20min
	VI	—	—	—	30min


HOLD TIME:
Refers to the time period the lamp remains at 100% illumination after no-motion is Detected

ON ↑ 		8	9	
	I	ON	ON	50%
	II	—	ON	30%
	IV	—	—	10%

STAND-BY DIMMING LEVEL:
The low light level you would like to have after the hold time. A

ON ↑ 		5	6	7	
	I	ON	ON	ON	+∞
	II	—	ON	ON	60min
	III	ON	—	ON	30min
	IV	—	—	ON	10min
	V	ON	ON	—	5min
	VI	—	—	—	5s

STAND-BY PERIOD:

ON ↑ 		10	11	12	
	I	ON	ON	ON	Disable
	II	—	ON	—	200lux
	IV	—	—	—	50lux

DAYLIGHT-SENSOR: