



SENSOR IN BUILT STREET LIGHT

Area Lighting application.

- Occupancy based ON-OFF
- DUSK to DAWN Switching
- Auto Dimming

Protected
SENSOR



ON/OFF Control	Stand by Dimming level	Adjustable Detection area	Setting trough Remote control	Hold time	Up to 15 meter Mounting height	Stand by period

Electrical Specification	Rated Voltage (V)	220-240Vac 50Hz
	Performance Input Voltage Range (V)	140-300Vac
	Power Factor	> 0.95
	Driver Efficiency (%)	> 89
	A-THD	< 10%
	System Power Consumption (W) ±10%	70/100/120/150/180/200W
	Electrical Insulation Class	Suitable for Class I
LED driver	No of drivers per fixture	1 no.
	Driver Housing	Aluminum Extrusion
	IP rating	IP67
	Dimming	0-10V
	CISPR	Complied
	Inbuilt surge protection (Common/Differential Mode)	6/6KV
Protections	Output Open / short Circuit Protection	Provided
	Input High Voltage Cut-off & Recovery	320V ±15V / 300V ±15V
	Input 440V Withstanding	> 24 Hours
	Input Low Voltage Cut-off / Recovery	100V ± 15V / 110V ± 15V
	Input Low Voltage Current Fold back	<130V
	Over Temperature Cut-off	> 85°C (Driver tc)
Optical Specification	Light Source	LED
	Typ. Fixture Efficacy (LM/W)	100 LM/W
	Color Temperature	CDL / NDL / WDL
	CRI	70
	Optics material	Polycarbonate secondary optics

Motion Sensor	Input supply voltage	12V DC (from Driver Auxiliary power supply for high protections)
	Sensor Type	High frequency DC dimmable sensor
	Dimming type	0-10Vdc
	Operating Frequency	5.8 GHz ±75 MHz, ISM Band.
	Adjustable Hold time	5S / 30S / 1min / 3min / 5min / 10min / 20min / 30min
	Adjustable detection area	100% / 75% / 50% / 25%
	Stand by period	0S / 10S / 1min / 3min / 5min / 10min / 30min / +∞
	Orientation Lighting	10%/20%/20%/50%
	Stand-by power	< 0.3W
	Max Mounting height	Up to 15 meter
Detection area	16-meter dia.	
Operating Ambient Temperature (°C)	0°C to + 50°C	
Other Specification	Housing	Thermally efficient Die Cast Aluminum
	Surface finish	Powder coating
	Mounting Arrangement	Pole mount
	IP rating	IP65

Model No.

