



OCT-XLUO

Which Offers High
Efficiency, Long Life And An
Elegant Architectural Profile
Design That Meets The Outdoor Lighting Needs

OCT-XLUO-DM



MODEL No	OCT-XLU-12DM	OCT-XLU-16DM	OCT-XLU-20DM
Input Voltage	110-300V	110-300V	110-300V
Input current	45 mA	65 mA	85 mA
Watt	12W	16W	20W
Operating frequency	50 Hz	50 Hz	50 Hz
Power factor	≥0.95	≥0.95	≥0.95
Output voltage	80V	80V	80V
Output current	140-150 mA	180-190 mA	220-240 mA
Driver efficiency	≥90%	≥90%	≥90%
Operating temperature	(-15°C TO 55°C)	(-15°C TO 55°C)	(-15°C TO 55°C)
Led driver	Constant current LED Driver	Constant current LED Driver	Constant current LED Driver
Built in surge protection	4 KV	4 KV	4 KV
Internal wiring	Insulated Cu wire	Insulated Cu wire	Insulated Cu wire
Led	LM80 certified LED	LM80 certified LED	LM80 certified LED
Led life	50000 hours	50000 hours	50000 hours
Led lumen Efficiency	≥1100 lm	≥1500 lm	≥1900 lm
CCT	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K
CRI	≥80	≥80	≥80
Sensor principal	HFPD Int. Detector+ DOP	HFPD Int. Detector+ DOP	HFPD Int. Detector+ DOP
Sensing Time	0.012 msec	0.012 msec	0.012 msec
Operating Frequency	4.8GHz+ DO Effect	4.8GHz+ DO Effect	4.8GHz+ DO Effect
Dim/on-off	Dim (12W to 5W)	Dim (16W to 5W)	Dim (20W to 5W)
Transmission power	<0.2mW	<0.2mW	<0.2mW
Detection range	Upto 9 Mtrs	Upto 9 Mtrs	Upto 9 Mtrs
Detection angle	120° to 360°	120° to 360°	120° to 360°
Hold time	35 Sec	35 Sec	35 Sec
Main housing	Poly Carbonet	Poly Carbonet	Poly Carbonet
PC diffuser	PC diffuser	PC diffuser	PC diffuser
Hardwares	SS & MS Zinc plated	SS & MS Zinc plated	SS & MS Zinc plated
Ingress protection	IP65	IP65	IP65
SiZE (L*W*H)mm	170X70X45	210X100X60	210X100X60
BIS	Approved	Approved	Approved
EMC	Approved	Approved	Approved



SAVE ENERGY



AUTO DIMMABLE



MOTION SENSOR



ECO FRIENDLY



UPTO 9M
DETECTION RANGE



OVER VOLTAGE
PROTECTION



WATERPROOF IP65



WORKING

TURN On light at Full Bright
when Person/Object detect in
Range and TURN Dim to 25%
when they move out.

OCT-XLUO-XM



MODEL No	OCT-XLU-12XM	OCT-XLU-16XM	OCT-XLU-20XM
Input Voltage	110-300V	110-300V	110-300V
Input current	45 mA	65 mA	85 mA
Watt	12W	16W	20W
Operating frequency	50 Hz	50 Hz	50 Hz
Power factor	≥0.95	≥0.95	≥0.95
Output voltage	80V	80V	80V
Output current	140-150 mA	180-190 mA	220-240 mA
Driver efficiency	≥90%	≥90%	≥90%
Operating temperature	(-15°C TO 55°C)	(-15°C TO 55°C)	(-15°C TO 55°C)
Led driver	Constant current LED Driver	Constant current LED Driver	Constant current LED Driver
Built in surge protection	4 KV	4 KV	4 KV
Internal wiring	Insulated Cu wire	Insulated Cu wire	Insulated Cu wire
Led	LM80 certified LED	LM80 certified LED	LM80 certified LED
Led life	50000 hours	50000 hours	50000 hours
Led lumen Efficiency	≥1100 lm	≥1500 lm	≥1900 lm
CCT	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K
CRI	≥80	≥80	≥80
Sensor principal	HFPD Int. Detector+ DOP	HFPD Int. Detector+ DOP	HFPD Int. Detector+ DOP
Sensing Time	0.012 msec	0.012 msec	0.012 msec
Operating Frequency	4.8GHz+ DO Effect	4.8GHz+ DO Effect	4.8GHz+ DO Effect
Dim/on-off	On/Off	On/Off	On/Off
Transmission power	<0.2mW	<0.2mW	<0.2mW
Detection range	Upto 9 Mtrs	Upto 9 Mtrs	Upto 9 Mtrs
Detection angle	120° to 360°	120° to 360°	120° to 360°
Hold time	40 Sec	40 Sec	40 Sec
Main housing	Poly Carbonet	Poly Carbonet	Poly Carbonet
PC diffuser	PC diffuser	PC diffuser	PC diffuser
Hardwares	SS & MS Zinc plated	SS & MS Zinc plated	SS & MS Zinc plated
Ingress protection	IP65	IP65	IP65
SiZE (L*W*H)mm	170X70X45	210X100X60	210X100X60
BIS	Approved	Approved	Approved
EMC	Approved	Approved	Approved



SAVE ENERGY



AUTO ON/OFF



MOTION SENSOR



ECO FRIENDLY



UPTO 9M
DETECTION RANGE



OVER VOLTAGE
PROTECTION



WATERPROOF IP65



WORKING

TURN On light at Full
Bright when Person/Object
detect in Range and TURN
Off Only when they move out