

iSSLmaxi

ROAD

IP65	IK07 (PV)	IK08	CE
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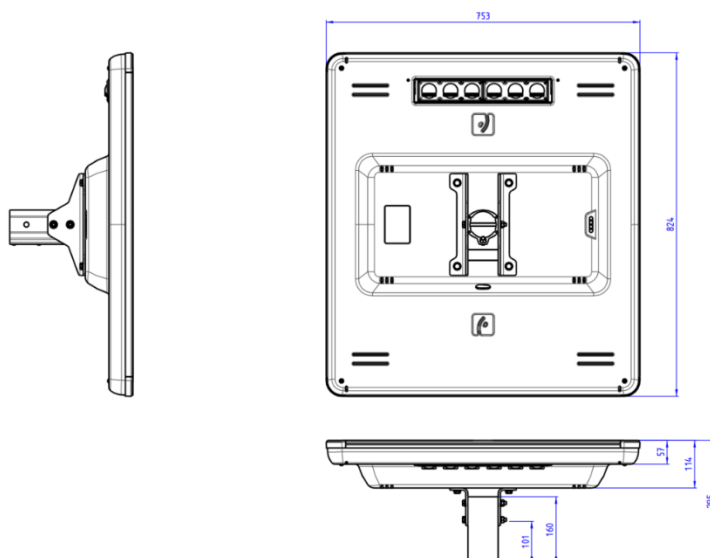


LIGHTING	LED module	High efficiency LED light engine - Multichip Technology (IP 67)		
	Luminous flux	3200 to 5600 lumens*		
	Consumption	20W to 50W*		
	Lighting efficacy	Up to 164 lm/W		
	Color temperature options	5700 K (3000 K and 4000 K available on request)		
	Lifespan	50 000 hours certified per IESNA LM-80 TM-21		
	Certificates	EN 13032-1; EN 13032-2; EN 13201; EN 60598-1; EN 62471		
SOLAR PANEL	Technology	Photovoltaic module (Monocrystalline silicon)		
	Power	80 Wp (2*40 Wp)		
	Electrical characteristics per panel	V _{OC} : 23,04 V V _{MPP} : 18,72 V I _{SC} : 2,34A I _{MPP} : 2,14A 36 cells		
	Dimensions per panel	776 x 350 mm		
	Lifespan	25 years		
	Inclination	Horizontal		
	Structure	Frameless		
BATTERY	Certificates	IEC 61215; IEC 61730 I and II		
	Battery technology	NiMH battery, maintenance free, very high temperature resistance		
	Voltage	24 V		
	Capacity	240 Wh		
	Operating temperature range	-40°C to +70°C		
	Lifespan	12 years		
	Certificates	EN 62133		
ELECTRONICS	Technology	SunnaCore®		
	Communication	Bluetooth		
	Input voltage	24V		
	Max. PV open circuit voltage	45V		
	Max. charge/discharge current	5A		
	Wiring	Marine-grade wiring used for all applications		
	Electrical protection	Electronic fuse		
	Lifespan	12 years		
	Water resistance	IP65 with sealed plugs		
	Operating temperature range	-20°C to +70°C		
GENERAL	Certificates	CE; EN61000; EN61547; EN55015; EN62493; EN 62479 EN300328; EN 301489-1		
	Material	ABS PMMA casing (100% recycled) and aluminum		
	SCx	0,09 m²		
	Fixation	Top mounting Ø60 mm		
	Weight (without pole)	19 kg		
	Options	Motion sensor		

* Available with motion sensor option

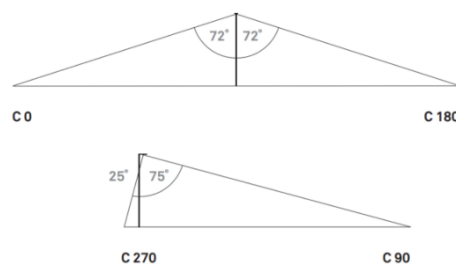
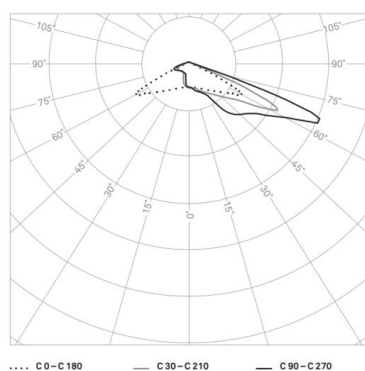


Dimensions



Lighting distribution

Polar diagram



Product references

PRODUCT REFERENCE	DESCRIPTION
SD4200 000 000	iSSL maxi - ROAD
SD4200 100 000	iSSL maxi - ROAD – motion sensor

