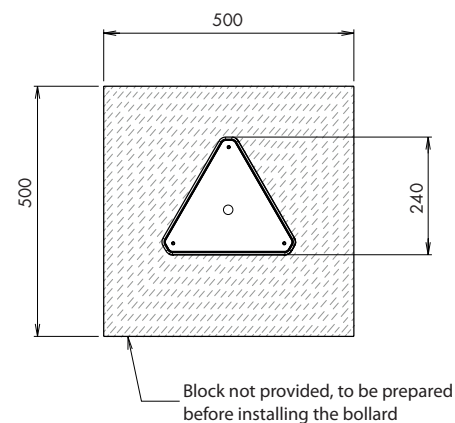
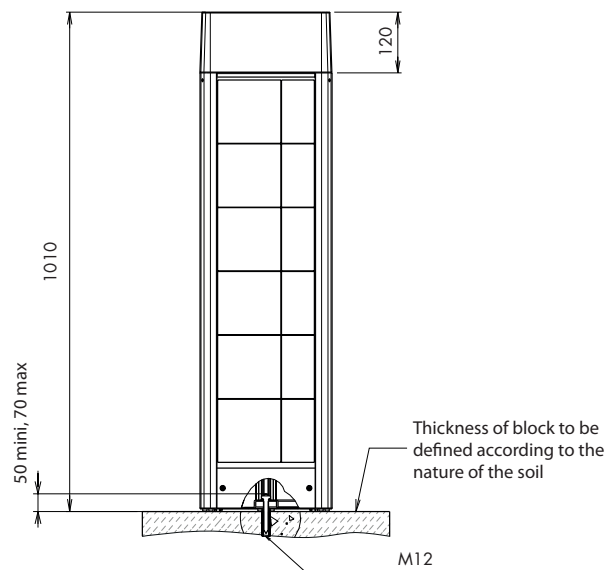


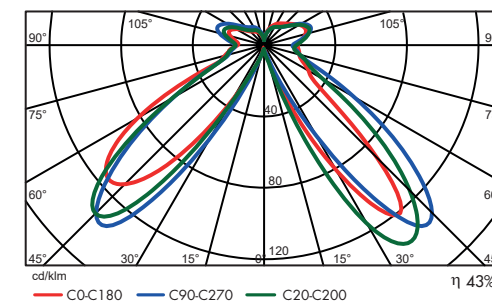


OVERALL INFORMATION	
Dimensions	H 1010 x W 240 x D 240
Weight of the bollard	13.1 kg
Material and paint treatment	Aluminum - Polycarbonate - Powder paint (seafront and seaside on request) RAL sanded black 2100
Max Power	12W
Nominal power	8W
Orientation of the panels:	No recommended orientation
Indication for the implementation of a surge arrester	Category Electronic Equipment> IV
LED	
Lifetime	L90 @500mA@85°C > 69 600 heures
Manufacturer	CREE
Lumen/Watt efficiency	94lm/W - @700mA@Tj=85°C
Color T°:	4000K - CRI 80
LIGHTING	
Outgoing nominal flow	420 lm
Optical performance	43%
Lumen/Watt efficiency	42lm/W
Optics	SYM 5-3
BATTERY	
Battery weight	1,38 Kg
Technology	LiFePo4
Total power	179 Wh
Voltage/Capacity	12.8V/14Ah
BMS	Yes
Nominal lifetime	5 years
PHOTOVOLTAIC PANELS	
Number of panels - Technology	3 - Monocrystalline
Unit power	24 W
Max voltage	18,1V
IK panels	IK08
PROGRAMMING	
	Factory programming on request
COMPLIANCE	
Standards and certifications	EN 60598-1 / 2-3 Lighting: General requirements and tests - Public lighting luminaires EN 62722-2-1 Performance of luminaires: Requirements for LED luminaires UTE C15-7 12-2 Practical guide - Stand-alone photovoltaic installations not connected to the public distribution network with battery storage
OPERATING TEMPERATURE	
	Operating temperature range: -20°C to 60°C Nominal temperature range: 0° to 45°C



Photometric curves

Optique SYM 5-3



INSTALLATION

Mean of installation	Provided M12 threaded stainless steel rod See installation instructions
Battery location	Inside the bollard
AUTONOMY	According to location - See usage chart