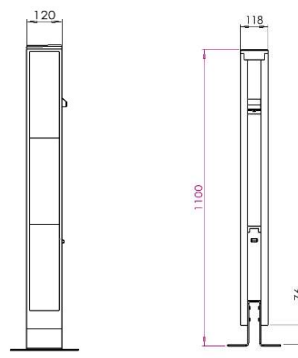
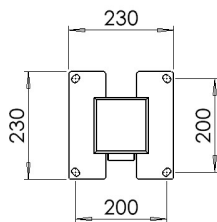


OKO 110 Bollard



PHOTOVOLTAIC PANEL

Total number of Photovoltaic panels (PV)	6
Wp power	19.8 Wp
Cell technology	Monocrystalline Cells
Types of cells	Sunpower Back Contact
Lifespan	> 25 years
Surface area of the PV (in cm ²)	325cm ² per Panel
Efficiency	25%

BATTERY

Chemistry	LiFePO4 (Lithium Iron Phosphate)
Nominal voltage (in V)	9.6 V
Capacity (in Ah)	4.8 Ah
Energy (in Wh)	46 Wh
Charging cycle	8000 cycles at 55% DOD
Lifespan	≈15 years

LIGHTING FIXTURE

Nominal Power (in W)	3 W
Color temperature	2200K-2700K-3000K
Photometric distribution	Type I - Pedestrian Path
CRI	≥70
Materials	Machined and black anodized aluminum
Ingress Protection (IP)	IP67

LIGHTING PROFILE

Lighting profile	6x (100-00) / 4x2 (100-00-100) / détection
Lighting Duration	6h

STRUCTURE

Dimensions (in mm)	1100 x 130 mm
Chassis materials	Iroko wood Class III FSC
Platinum materials	Stainless steel 316L
Weight (in kg)	9.5 kg
Impact resistance rating (IK)	IK10
Recommended concrete block dimensions (in mm)	400*400*400 mm
Plate dimensions (in mm)	230x2 mm
Fixing center distance (in mm)	200 mm

GENERAL INFORMATION

Minimum autonomy	365 nights per year
Functionality	Bluetooth
Motion Sensor	PIR (Infrared)