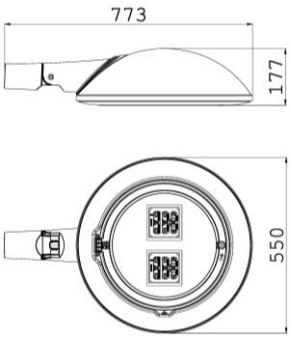
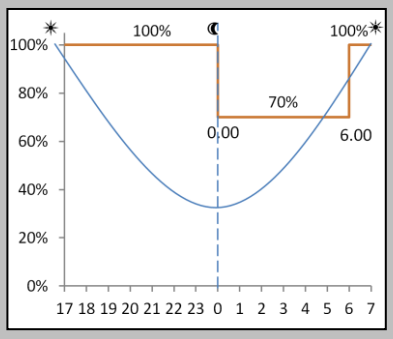
Product Sheet

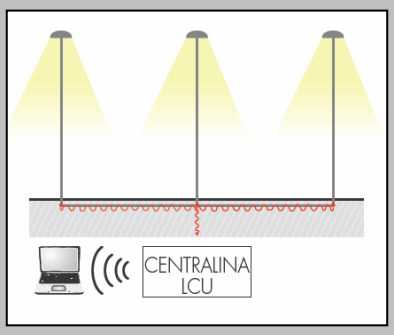


ARMO DUE MINI LED

DA Profile

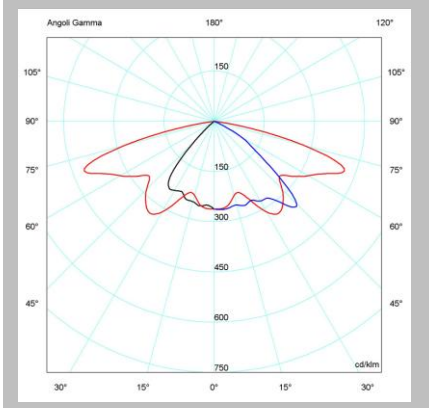


PLM



ARMO DUE MINI LED 0H	
MAIN CHARACTERISTICS	
Applications	Urban and street lighting
Optic	ST: Asymmetric optic for street lighting. OC: Asymmetric optic for pedestrian and cycle path lighting S: Symmetric optic. Colour temperature:4000K (3000K optional) CRI typical: 75 Photobiological safety class: EXEMPT GROUP LED source efficiency: 139 lm/W @ 525mA, Tj=85°C Photometrical classification: Cut-off.
Insulation class	II (I optional)
Protection degree	IP66
Tilt angle	Adjustable
Mounting	On brackets Ø60mm
Gear tray	Removable
LED modules	Removable, mantaining IP degree of the optical unit.
Dimensions and weight	Ø550x177mm
Side surface	0.08m^2
Top surface	0.25m^2
Main reference standards	EN 60598-1, EN 60598-2-3, EN 62471 EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
CE IP66 EXEMPT GROUP	
ELECTRICAL CHARACTERISTICS	
Rated voltage	220÷240V 50/60Hz
LED current	525mA
Power factor	>0,9 (at full load)
Control system	F: Fixed output. DA: Automatic dimming with default profile. DAC:Custom DA profile. PLM: Single point comunication module.
Surge protection	Pulse withstand CL. I : up to 10k Pulse withstand CL. II: from 4kV to 7kV
Connection	Connector for cables max section 2.5mm^2
Optical unit lifetime (Ta=25°C)	>70.000hr B20L80 (inclusi guasti critici) >100.000hr L80, TM-21
MATERIALS	
Fixing	Die-cast aluminium UNI EN 1706
Body	Aluminium
Lower frame	Die-cast aluminium ring UNI EN 1706
Heatsink	Extruded aluminium (on each led module)
Optic	Polycarbonate, metalized high efficiency
Screen	Flat tempered glass, 4mm thickness (on each LED module)
Cable gland	Plastic M20x1,5 - IP68
Gasket	EPDM
Colour	Graphite (Cod. 01)

	LUMINAIRE FLUX[1] (Ta=25°C, 4000K, lm)		RATED LED FLUX[2] (Tj=85°C, 4000K, lm)
18 LED	Ottica ST	Ottica OC/S	3240
	2100	2000	
	LUMINAIRE POWER[1] (Ta=25°C, Vin=230Vac, W)		RATED LED POWER[2] (Tj=85°C, W)
	30		28



ST Optic

All the published photometrical data has been obtained according to EN 13032-1

Note: The characteristics of the product listed aside are subjected to change. They will have to be confirmed in case of order.Values indicated in this technical sheet are to be considered rated values subject to a tolerance of +/-5%.

1:Rated data obtained in laboratory

2:Rated data extrapolated from LED manufacturer datasheet.