



METRO

Luminaire design: Eclatec

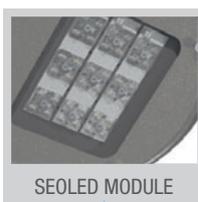
METRO sets the tone in a magic partition.

Behind this note, this line, this arc, this outline lives a soul, that invites composition; in fact, **METRO** knows how to surround itself with a variety of cross-arms in unison with its sweet melody.

METRO, in these combinations, provides the up-to-date and lively tempo that, mutedly, accompanies the urban symphony.



ORALED MODULE



SEOLED MODULE



INTEGRATED BLS STRIPS



Metro on Gem bracket



Metro on Pyramid bracket



Metro on Tecla bracket


METRO 45 With SEOLED 1 module

METRO 55 With ORALED 2 module


APPLICATIONS

- Mounting: suspended from a ball or a catenary
- Metro 45: Pedestrian areas, cycle paths, residential areas, street lighting
Metro 55: Roads, secondary urban and inter-urban streets
- Recommended heights: Metro 45: 4 to 6 m / Metro 55: 6 to 8 m

DESCRIPTION

- Luminaire available in 2 sizes: Metro 45 and Metro 55
- Spun aluminium body
- Injection die cast aluminium frame and upper swivel joint
- Polyester powder coating, any colour available
- IP65
- Class I or II
- 2 types of sources :
 - **ORALED 1 and 2 Modul :**
 - equipped with an **ORALENS** mono lens in PMMA/IK 08, module colour grey 2150 sanded or 2900 sanded
 - colour temperature: 4000 K and 3000 K
 - **SEOLED 1 and 2 Modul :**
 - equipped with BLS with **QUADRALENS** lenses and glass bowl/IK 08, module colour grey 2150 sanded or 2900 sanded
 - colour temperature: 2400K, 2700K, 3000 K ou 4000 K
- Luminaire eligible for Energy Saving Certificates

CITIZEN REFERENCE POINTS

- Materials used:
 - Metro 45: Aluminium 83%, Other 13%, Plastic 4%
 - Metro 55: Aluminium 86%, Other 10%, Plastic 4%
- Complies with the RoHS directive
- High recyclability rate

WATERPROOFING

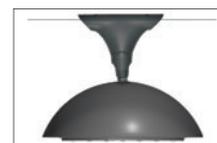
- IP66 waterproofing in accordance with the standard EN 60 529
- Pneumatic silicone gasket

MECHANICAL INTERFACES

- LRM: Metro Smooth Lateral Ball with wrapping sleeve for the end of the cross-arm Ø 60 mm and Ø 42 mm outside
- SRL: Metro suspended with plain swivel joint coupled with sleeve for bracket end external Ø 60mm (see page 274 - E, F)
- SR: suspended from a ball (see page 274 - H)
- SM: Metro suspended with 3/4" BSP adapter for female boss welded to bracket (see page 274 - H)
- CATELUX: Metro with SM Ø27 PDG fixation
Fixation on 5 to 14mm diameter mechanical cable
- SCO: Metro catenary version
Fixation on 5 to 14mm diameter mechanical cable



SRL



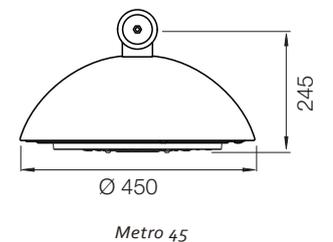
Catelux



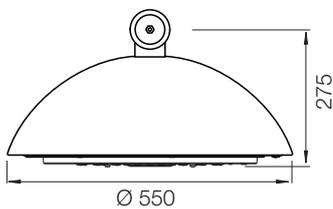
SM



SCO



Metro 45



Metro 55

KEY POINTS

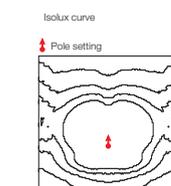
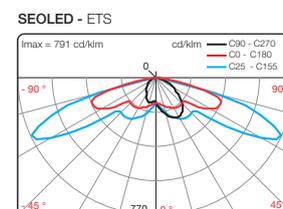
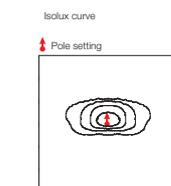
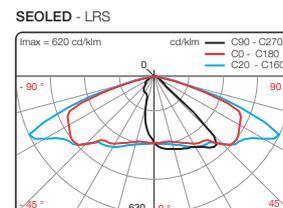
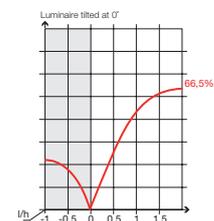
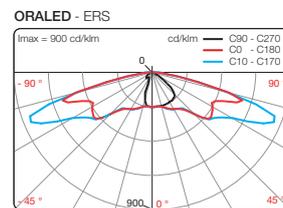
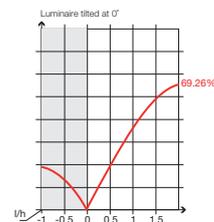
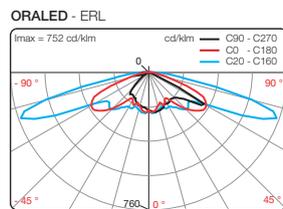
	METRO 45	METRO 55	
Applications	Pedestrian areas, cycle paths, residential areas, street lighting	Roads, secondary urban and inter-urban streets	
Recommended heights	4 to 6 m	6 to 8 m	
Mounting	See Mechanical interfaces		
Dimensions	\varnothing height		
	465 mm 245 mm	565 mm 275 mm	
Weight	6,6 kg	9,3 kg	
Windage area	0,06 m ²	0,09 m ²	
Sources	ORALED 1 SEOLED 1	ORALED 2 SEOLED 2	
Sources access	Removable ORALED and SEOLED modules		
Optics and light distribution options	ORALENS : ERS, ERL, ECL, LRM QUADRALENS ⁽¹⁾ : ERS, ERL, ERE, LRS, LRL, PFA, EPD, EPG, ETS, ECa	ORALENS : ERS, ERL, LRM, LRE QUADRALENS ⁽¹⁾ : ERS, ERL, ERE, LRS, LRL, PFA, ECa	
Power supply current (mA)	100 to 700 mA		
OPTIONS	Rearward light spill cover ⁽¹⁾ (factory or site assembly)	<input type="radio"/>	<input type="radio"/>
	DALI (construction)	<input type="radio"/>	<input type="radio"/>
	Dimming 5 (preset)	<input type="radio"/>	<input type="radio"/>
	FC (preset)	Compatible with standard version, Dimming 5, Motion 5 or DALI option	
	Motion (setting on site)	<input type="radio"/>	-
	Motion P (set in the bottom of the pole)	<input type="radio"/>	<input type="radio"/>
	Motion 5 (setting on site)	<input type="radio"/>	-
	Motion COM (setting on site)	<input type="radio"/>	-
POLEDRIVE (set in the bottom of the pole)	<input type="radio"/>	<input type="radio"/>	

(1) Rearward light spill cover optional except for EPD, EPG, ECa

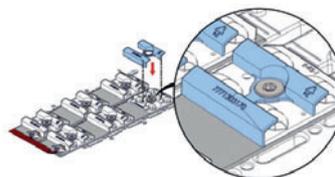
Glossary:

● Standard ○ Option - Not available

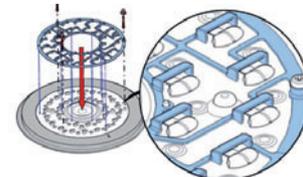
E/L/P: Lighting/Luminance/Projection, **R/C/T/F/P**: Road/Circulation/Path/Beam/Pedestrian walkway, **E/S/L/A/D/G**: Narrow/Standard/Wide/Asymmetric/Right/Left, **POLEDRIVE**: preset at the bottom of the pole / night dimming calculator with 2 configurable thresholds, set in the bottom of the pole, **Dimming 5**: night dimming calculator with 5 configurable thresholds, **Motion**: moving sensor, **Motion P**: Configurable offset presence detector at the foot of the pole, **Motion DALI**: Detector integrated to the luminaire, adjustable at pole base, **Motion 5**: Motion sensor and dimming calculator, **Motion COM**: Wireless detection and communication, **DALI**: compatible with the DALI protocol, **FC**: Compensated flux



REARWARD LIGHT SPILL COVER OPTION



Rearward light spill cover SEOLED version



Rearward light spill cover ORALED version

MAINTENANCE

Opening and closing

Opening of the luminaire by 3 quarter-turn screws. The module swivels around a hinge in aluminium.



LED module maintenance

Direct access to the module, removable. Power supply by quick connectors.

