

1205 - Polar

Code: 422140-00



One of Disano's historic urban amenities lighting products is now available with LEDs and joins the family of products for lighting up parks and gardens where high energy savings and excellent light quality are needed. Equipped with the latest generation of LED modules



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Height (mm)	428 mm
Diameter (Ø) (mm)	503 mm
Weight (Kg)	5.6 kg

INSTALLATION

Diameter (Ø) of pole connector (mm)	60-60 mm
Surface exposed to wind (mm)	L 121000 mm ² , F 121000 mm ²

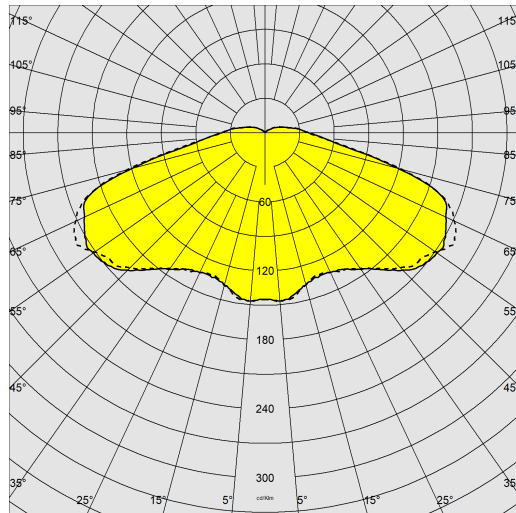
ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD
Power factor	≥0.9
Rated Current	700 mA
Surge protector (common) (EN 61547)	6 kV, 10 kV
Insulation class	Class II
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED
CRI	>70
Luminous flux (output) (lm)	8656 lm
Power absorption (total) (W)	101 W
CCT	4000 K
Luminous efficacy (lm/W)	86 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	100000 hr, L 80, B 10

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	65
Ambient temperature - min	-20 °C
Ambient temperature - max	40 °C

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MATERIALS AND COLOURS

DOWNLOAD

MOUNTS

[AssemblyInstructions polar-clima 10-21.pdf](#)

DESIGNS

[BIM 1205 Polar - LED - 20200604.zip](#)

[TechnicalDrawing 1205.dxf](#)



Housing	in die-cast aluminium, top cover in aluminium.
Diffuser	in anti-glare polycarbonate, shatterproof and V2 self-extinguishing, UV stabilised, externally smooth and dustproof.
Heat sink	built-in.
Pole connection	suited for poles with a diameter of 60 mm.
Coating	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.
Special coating (UPON REQUEST)	Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.
Colour	Grey
Equipment	<ul style="list-style-type: none">- waterproof connector for quick installation with no need to open the fixture.- anti-condensation valve.- temperature controller with auto-reset.- EN 61547 compliant surge protection.- BASIC PROG built-in functions.

STANDARDS AND COMPLIANCE

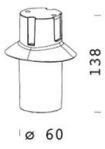
Photobiological safety class	RG0 Ethr
Markings and tests	CE
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Energy Label	C

WARRANTY

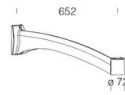
After sales warranty	5 yr
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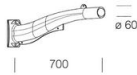
303 Connection for \varnothing 60



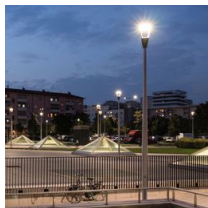
301 Oliva arm



300 Vert olive



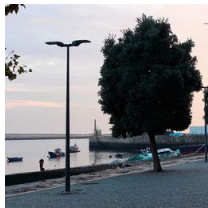
210 Arm



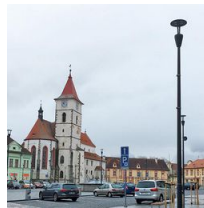
1477 Urban Pole - with base



5 Fibreglass pole



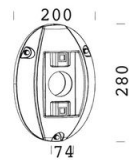
1481 steel conical pole to be buried



1480 steel conical pole with base



1478 Urban Pole to be buried



302 Wall mount



1508 Fluted pole \varnothing 120 with base



1509 Fluted pole \varnothing 120



1408 Fluted pole \varnothing 100 with base



1409 Fluted pole \varnothing 100