

1590 - Braies - CCT-POWER SWITCH - roto-symmetric

Code: 330500-00002431



Cities aspire to be more liveable for residents and visitors by becoming increasingly more attentive to the quality of public lighting. To achieve this new form of urban decor in the best possible way, Disano presents different families of luminaires that can meet the needs of both big cities and small towns. Among these products, Braies holds a special place. Characterised by a high level of versatility, this innovative luminaire is designed for new urban routes, providing pedestrians and cyclists with more light and safety. The functional design also allows excellent distribution of the light flux and proper heat dissipation, lengthening the system's service life. Another unique feature of Braies is the possibility to choose the power wattage and colour temperature from 3000K or 4000K to guarantee the system's efficiency and to offer the most suitable solution for different installation contexts.

CCT SWITCH = with this integrated switch you can select the desired light colour.

POWER SWITCH = with this integrated switch you can select the fixture's total wattage.



GENERAL INFORMATION

Article	1590 - Braies - CCT-POWER SWITCH - roto-symmetric
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DIMENSIONS AND WEIGHT

Height (mm)	425 mm
Diameter (Ø) (mm)	394 mm
Weight (Kg)	4.2 kg

INSTALLATION

Diameter (Ø) of pole connector (mm)	60-60 mm
Surface exposed to wind (mm)	L 42400 mm², F 122000 mm²

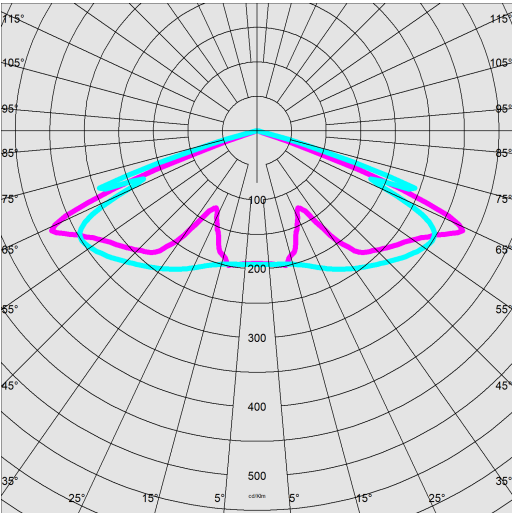
ELECTRICAL CHARACTERISTICS AND CONTROLS

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
Surge protector (common) (EN 61547)	6 kV, 8 kV
Insulation class	Class II
Controllability	Yes (Integrated)
Integrated Function	CCT adjustable with Dip Switch, Flux/power settings with Dip Switch

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PHOTOMETRIC DATA



Lighting source	LED
CRI	>80
Luminous flux (output) (lm)	5600 lm
Power absorption (total) (W)	34 W
CCT	4000 K
Luminous efficacy (lm/W)	165 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Colour consistency	SDCM3
LED flux maintenance	100000 hr, L 80, B 20

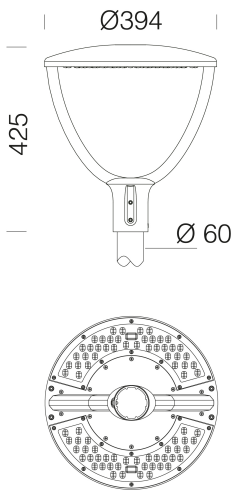
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK09
IP	66
Ambient temperature - min	-30 °C
Ambient temperature - max	50 °C

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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions braies 12-24.pdf

DESIGNS

BIM 1590 Braies - 02-25.zip

TechnicalDrawing braies24.dxf



Housing	made of die-cast aluminium.
Optics	in high-performance PMMA resistant to high temperatures and UV rays.
Pole connection	suitable for 60mm diameter poles.
Coating	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., Anthracite = RAL 7021
Colour	Anthracite
Equipment	- 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.

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0 Ethr
Markings and tests	CE, ENEC
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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Code	Wtot	K - ølm - CRI
330500-00	15	4000K - 2400lm - CRI>80
330500-00	15	3000K - 2280lm - CRI>80
330500-00	20	4000K - 3360lm - CRI>80
330500-00	20	3000K - 3192lm - CRI>80
330500-00	25	4000K - 4000lm - CRI>80
330500-00	25	3000K - 3800lm - CRI>80
330500-00	29	4000K - 4800lm - CRI>80
330500-00	29	3000K - 4560lm - CRI>80
330500-00002431	34	4000K - 5600lm - CRI>80
330500-00002431	34	3000K - 5320lm - CRI>80
330500-00002431	42	4000K - 6720lm - CRI>80
330500-00002431	42	3000K - 6384lm - CRI>80
330500-00002431	49	4000K - 8160lm - CRI>80
330500-00002431	49	3000K - 7752lm - CRI>80
330500-00002431	59	4000K - 9600lm - CRI>80
330500-00002431	59	3000K - 9120lm - CRI>80