

1590 - Braies - 2200-2700K CCT-POWER SWITCH - roto-symmetric

Code: 330509-00



BRAIES come with colour temperatures of 2200K and 2700K. These products are designed to complement natural light during sunset hours. In this way, artificial lighting is less invasive to the environment, respecting the needs of nocturnal flora and fauna. Research has shown that different types of lighting can significantly impact nocturnal insects, birds and other creatures that play a vital role in local ecosystems. Environmental organisations are increasingly calling for this aspect to be properly considered in the design of new lighting systems. Additionally, modern LEDs, with a reduced blue light component, provide an opportunity to create less disruptive lighting for streets or parking areas near green spaces, offering better protection for local wildlife.

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 - 2200-2700K 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

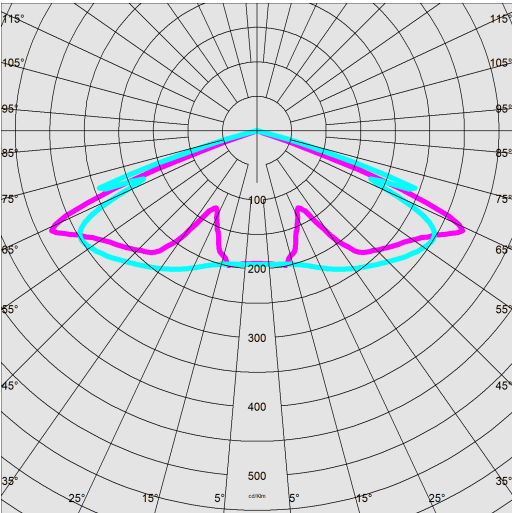
ELECTRICAL CHARACTERISTICS AND CONTROLS

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)	4948 lm
Power absorption (total) (W)	34 W
CCT	2200 K
Luminous efficacy (lm/W)	146 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

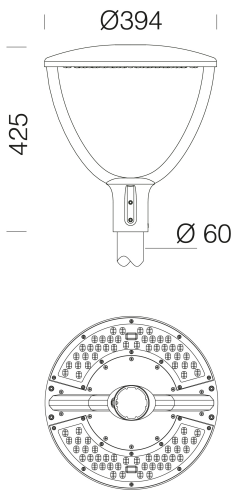
MECHANICAL CHARACTERISTICS

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 - amber 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.

WARRANTY

After sales warranty	5 yr
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Code	Wtot	K - ølm - CRI
330509-00	34	2200K - 4948lm - CRI>80
330509-00	34	2700K - 5108lm - CRI>80
330509-00	42	2200K - 5937lm - CRI>80
330509-00	42	2700K - 6128lm - CRI>80
330509-00	49	2200K - 7210lm - CRI>80
330509-00	49	2700K - 7442lm - CRI>80
330509-00	59	2200K - 8482lm - CRI>80
330509-00	59	2700K - 8755lm - CRI>80