

1980 - Micro Rodio - COB

Code: 414860-39



Versatility, efficiency and outstanding light quality define the Rodio family, a range of floodlights available in different wattages and optical distributions to meet every application requirement. Ideal for enhancing architectural façades, complementing street lighting, illuminating sports facilities and residential areas, Rodio floodlights provide a reliable solution for any outdoor lighting project.

The range includes versions with asymmetric, narrow-beam and wide-distribution optics, as well as specific diffused and street-lighting distributions, ensuring maximum design flexibility.



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	145 mm
Width (mm)	45 mm
Height (mm)	227 mm
Weight (Kg)	1.1 kg

INSTALLATION

Surface exposed to wind (mm)	L 8600 mm², F 27800 mm²
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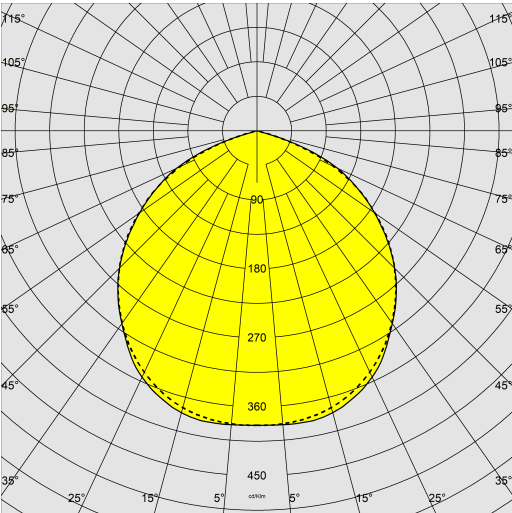
ELECTRICAL CHARACTERISTICS AND CONTROLS

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)	1 kV, 2 kV
Insulation class	Class I
Controllability	None
Integrated Function	-

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PHOTOMETRIC DATA



Lighting source	LED COB
CRI	80
Luminous flux (output) (lm)	2702 lm
Power absorption (total) (W)	29 W
CCT	3000 K
Luminous efficacy (lm/W)	93 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Colour consistency	SDCM4
LED flux maintenance	50000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

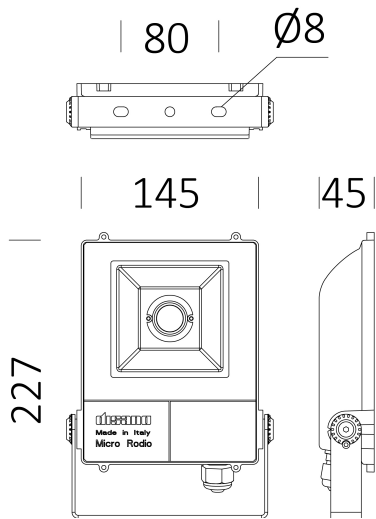
Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-20 °C
Ambient temperature - max	40 °C



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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions microrodio 09-22.pdf

DESIGNS

BIM 1980 - 08-25.zip

TechnicalDrawing 1980.dxf

TechnicalDrawing3D disano 1980 microrodio.3ds



Housing	in die-cast aluminium with cooling fins integrated in the cover.
Diffuser	tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).
Heat sink	the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life.
Coating	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., Anthracite = RAL 7021
Special coating (UPON REQUEST)	Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.
Colour	Graphite
Equipment	- with galvanised and painted bracket - cable for electrical connection - EN 61547 compliant surge protection - silicone rubber gasket - external screws and bolts in stainless steel.
Luminous flux maintenance 70%: 100.000h (L70B50) o luminous flux maintenance 90%: 50.000h (L90B10).	

EMERGENCY LIGHTING

Emergency power supply type	Not present
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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	E

GEAR

Sensors	Built-in RADAR SENSOR (sub-code -19 at an extra price): is an automatic sensor that immediately sense the presence of people's movements and anyone walking past. When there is movement within the sensor's detection range, the light will remain ON. When no further movement is detected, the light will switch OFF after a pre-set time. Factory settings Power supply: 220-240V AC 50/60 Hz Detection area ceiling: 360° Motion detection speed: 0,5-1-1,5 m/s Mounting height ceiling: 2,5m÷3m Energy consumption: <0,5 W (stand by) Hold time: 1 min Ambient light: Disable Remote control cod. 81418618 (to be purchased separately) that allows changing the parameters even after installation is complete and without the need to directly access the fixture.
Upon request	- version with presence sensor (subcode -19) - double insulation (subcode -14) - CLD-D-D (DALI) wiring (subcode -0041)

WARRANTY

After sales warranty	5 yr
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