MICRO 10

recessed

011-8100118F

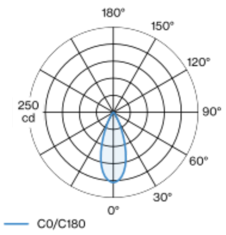
Project / Type

Notes

Count / Date

Round recessed spotlight in aluminium; surface lacquered in black; with trim; suitable for ceiling thickness of 10-20 mm; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 95; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 39° beam; degree of protection IP20; PC3; plug and play electrical connector system for toolless mounting (available as an accessory); accessories are listed separately; light source replaceable by an authorized professional;

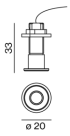
Light distribution



flood 39°

h (m)	E0° (lx)	ø (m)
1	206	0.71
2	51	1.42
3	23	2.13
4	13	2.84
5	8	3.55

Product drawing



General

Showcase , Recessed
black , RAL 9021 [1]
IP20
Interior
101 lm
optical inset 100 lm/W[2]

LED

4000 K
CRI ≥ 95
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 100 , R_f: 94 , $R_{\{1-15\}}$: 96
MR 0.87
MDER 0.78

Optical

flood
beam angle 39°

Electrical

excl. driver
fixture 1.4 W
fixture 72 lm/W[3]
optical inset 1.0 W
PC3

Physical

length 20 mm
width 20 mm
height 33 mm

Cutout

min. ceiling thickness 10 mm
max. ceiling thickness 20 mm

[1] RAL code
[2] OPTICAL INSET: incl. consideration of optical losses
[3] FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Installation instructions

['011-8100118F'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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