

MICRO 10

recessed
011-8100116S



Project / Type

Notes

Count / Date



General

Showcase , Recessed

white aluminium , RAL9006 ¹

IP20

Interior

62 lm

LED

4000 K

CRI ≥ 95

L80 / 50000 h

photobio. safety RG 1 - low Risk

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 94 , R_{f(1-5)}: 96

MR 0.87

MDER 0.78

Optical

spot

beam angle 18°

Electrical

excl. driver

system 1.4 W

inset 1.1 W

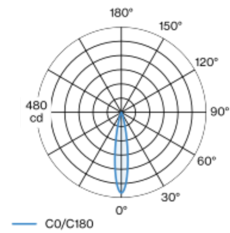
350 mA

PC3

inset 58 lm/W²

Round recessed spotlight in aluminium; surface lacquered in white aluminium; with trim; suitable for ceiling thickness of 10-20 mm; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 95; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 18° beam; degree of protection IP20; PC3; photobiological safety according to IEC 62471 risk group RG 1 - low Risk; plug and play electrical connector system for toolless mounting (available as an accessory); accessories are listed separately; light source replaceable by an authorized professional;

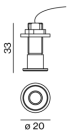
Light distribution



spot 18°

h (m)	E0° (lx)	ø (m)
1	453	0.32
2	113	0.64
3	50	0.96
4	28	1.28
5	18	1.59

Product drawing



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 incl. optical losses

Installation instructions



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.954	0.915	0.879	0.844	0.81
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Faktor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Electrical accessories

POWER SUPPLY 24V EU

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
9 W non dim	115-19-34	011-9211110
15 W DALI-2	145-33-21	011-9211130

POWER SUPPLY 24V UL

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
9 W non dim	115-19-34	011-9281110

Electrical accessories

SPLITTER SERIAL

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
3 × socket / 1 × plug	38-30-10	011-9228300
6 × socket / 1 × plug	55-32-10	011-9228600

Electrical accessories

EXTENSION CABLE

TYPE	ARTICLE NUMBER(S)
1 × socket / 1 × plug	011-9221120
1 × socket / 1 × plug	011-9221140
1 × socket / 1 × plug	011-9221180

