

MICRO 10

recessed

011-8100018S



Project / Type

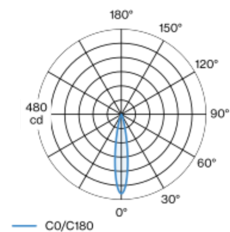
Notes

Count / Date



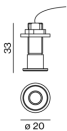
Round recessed spotlight in aluminium; surface lacquered in black; with trim; suitable for ceiling thickness of 10-20 mm; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 95 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 18° beam; degree of protection IP20; PC3; 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	446	0.32
2	111	0.64
3	50	0.96
4	28	1.28
5	18	1.59

Product drawing



General

Showcase , Recessed

black , RAL9021 ¹

IP20

Interior

61 lm

LED

3000 K

CRI ≥ 95

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 102 , R_f: 94 , R_{f(1-15)}: 95

MR 0.61

MDER 0.55

Optical

spot

beam angle 18°

Electrical

excl. driver

24 V

1.4 W

inset 1.0 W

350 mA

PC3

inset 60 lm/W

Physical

length 20 mm

width 20 mm

height 33 mm

Cutout

min. ceiling thickness 10 mm

max. ceiling thickness 20 mm

¹ RAL code

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

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

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

