

STADIO 10

semi-recessed
011-8000018M



Project / Type

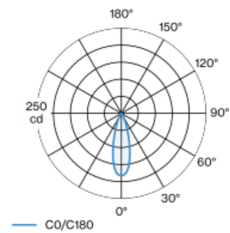
Notes

Count / Date



Cylindrical semi-recessed mounted spotlight miniature spotlight made of aluminium; surface lacquered in tar black; spotlight head 360° rotatable and 90° tiltable; suitable for ceiling thickness of 12.5-22 mm; light colour 3000 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 30° 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



h (m)	EO° (lx)	ø (m)
1	183	0.54
2	46	1.07
3	20	1.61
4	11	2.15
5	7	2.68

Product drawing



General

Showcase | Surface

tilt max 90°

rotation 360°

tar black | RAL 9021

IP20

Interior

60 lm

fixture 104 lm/W ¹

LED

3000 K

CRI ≥ 95

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 102 | R_f: 94 | R_{t(1-15)}: 95

MR 0.61 | MDER 0.55

Optical

medium | beam angle 30°

Electrical

excl. driver | 1 DALI Addr.

fixture 0.6 W

220 mA

PC3

200 mA

Physical

length 11 mm | width 11 mm | height 29 mm

0.2 kg

Cutout

min. ceiling thickness 12.5 mm | max. ceiling thickness 22 mm

¹ incl. consideration of optical losses & internal control unit losses

Installation instructions



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.983	0.957	0.931	0.906	0.881
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^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 EU

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
15 W	115-19-34	011-9211210
10 W	145-33-21	011-9211130



POWER SUPPLY UL

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
15 W	115-19-34	011-9281210
25 W	111-22-52	011-9281320



Electrical accessories

SPLITTER SERIAL

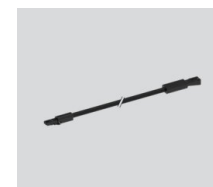
TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
3 × socket / 1 × plug	38-30-10	011-9228300
6 × socket / 1 × plug	55-32-10	011-9228600



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



[011-8000018M] 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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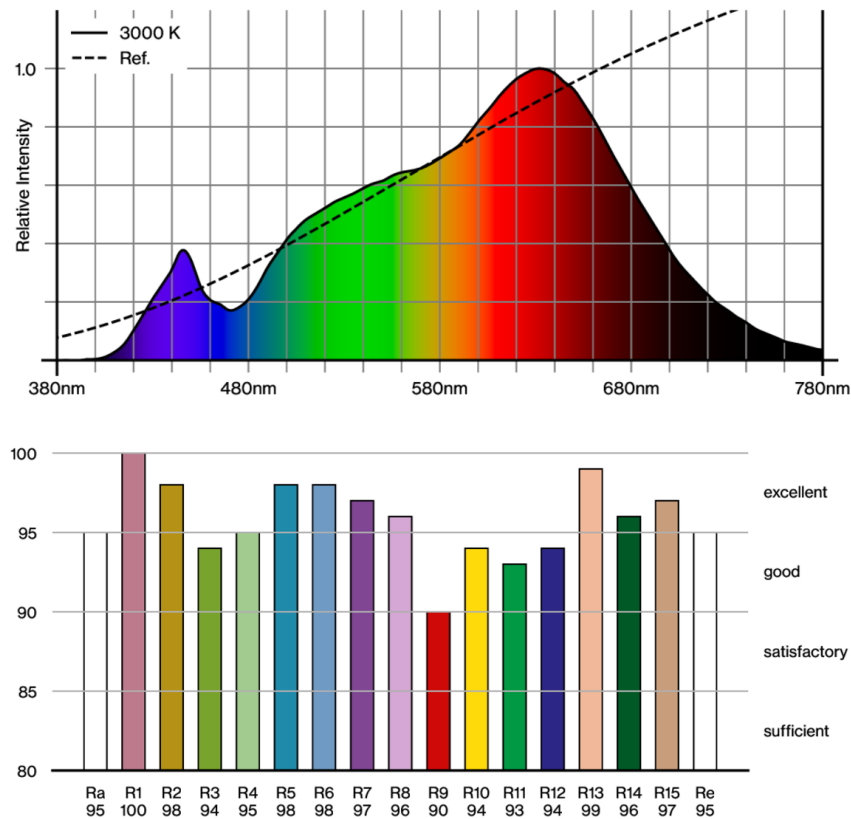


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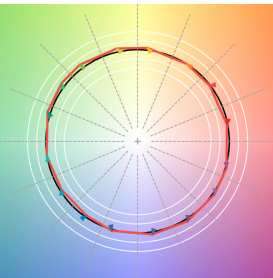
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Colour rendering



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.