

STADIO 10

semi-recessed
011-8000016M



Project / Type

Notes

Count / Date



General

Showcase , Surface

tilt max 90°

rotation 360°

white aluminium , RAL9006 ¹

IP20

Interior

60 lm

LED

3000 K

CRI ≥ 95

L85 / 50000 h

photobio. safety RG 1 - low Risk

initial MacAdam ≤ 3 SDCM

R_g: 102 , R_r: 94 , R_{f(15)}: 95

MR 0.61

MDER 0.55

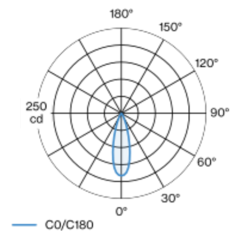
Optical

medium

beam angle 30°

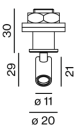
Cylindrical semi-recessed mounted spotlight miniature spotlight made of aluminium; surface lacquered in white aluminium; spotlight head 360° rotatable and 90° tiltable; suitable for ceiling thickness of 12.5-22 mm; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 95; min. 85% of luminous 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; 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



medium 30°			
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



Electrical

excl. driver

system 0.8 W

inset 0.6 W

220 mA

PC3

inset 104 lm/W²

200 mA

Physical

length 11 mm

width 11 mm

height 29 mm

Cutout

min. ceiling thickness 12.5 mm

max. ceiling thickness 22 mm

¹ RAL code ² incl. optical losses

Installation instructions



[‘011-8000016M’] 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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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

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

