

STADIO 10

semi-recessed
011-8000116F



Project / Type

Notes

Count / Date



General

Showcase , Surface

tilt max 90°

rotation 360°

white aluminium , RAL9006 ¹

IP20

Interior

66 lm

LED

4000 K

CRI ≥ 95

L85 / 50000 h

photobio. safety RG 1 - low Risk

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 94 , R_{1-15}: 96

MR 0.87

MDER 0.78

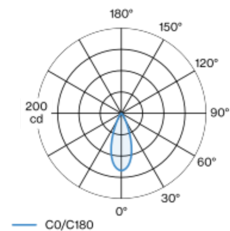
Optical

flood

beam angle 39°

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 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; 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;

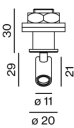
Light distribution



flood 39°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 134 | 0.71 |
| 2 | 34 | 1.42 |
| 3 | 15 | 2.13 |
| 4 | 8 | 2.84 |
| 5 | 5 | 3.55 |

Product drawing



Electrical

excl. driver

system 0.8 W

inset 0.6 W

220 mA

PC3

inset 106 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



[“011-8000116F”] 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 |

