

BETO sensor direct / indirect power

free standing T-shape

074-6955578B



Project / Type

Notes

Count / Date



General

Floor , Standing

black , RAL 9005 ¹

Reflector dark chrome

IP20

indirect 6630 lm

direct 1490 lm

total 8120 lm

LED

3000 K

CRI \geq 80

L90 / 50000 h

initial MacAdam \leq 3 SDCM

MR 0.56

MDER 0.51

Optical

Reflector

asymmetric

UGR \leq 10

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

stand alone ESSENTIAL sensor

brightness & presence

220-240 V

system 66 W

system 123 lm/W³

PC1

Physical

T-shape

length 1055 mm

width 42 mm

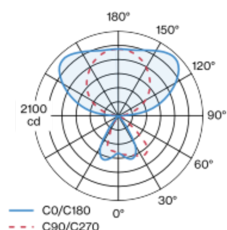
height 2100 mm

11 kg

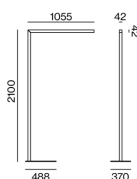
¹ RAL code ² Value of containing product at full load (undimmed)

³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



[074-6955578B] 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.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

07.05.2025

BETO sensor direct / indirect power

free standing T-shape
074-6955578B



Project / Type

Notes

Count / Date

Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.98 | 0.96 | 0.94 | 0.92 | 0.9 |
| 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.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 13 |
| B13 | 17 |
| B16 | 21 |
| B20 | 27 |
| C10 | 21 |
| C13 | 28 |
| C16 | 35 |
| C20 | 45 |

