

# BETO sensor direct / indirect power

free standing T-shape  
074-6955678B



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Floor , Standing \_\_\_\_\_

black , RAL 9005 <sup>1</sup> \_\_\_\_\_

Reflector dark chrome \_\_\_\_\_

IP20 \_\_\_\_\_

indirect 7550 lm \_\_\_\_\_

direct 1700 lm \_\_\_\_\_

total 9250 lm \_\_\_\_\_

## LED

4000 K \_\_\_\_\_

CRI  $\geq$  80 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq$  3 SDCM \_\_\_\_\_

MR 0.72 \_\_\_\_\_

MDER 0.65 \_\_\_\_\_

## Optical

Reflector \_\_\_\_\_

asymmetric \_\_\_\_\_

UGR  $\leq$  10 \_\_\_\_\_

PstLM  $\leq$  1.0 <sup>2</sup> \_\_\_\_\_

SVM  $\leq$  0.4 <sup>2</sup> \_\_\_\_\_

## Electrical

ESSENTIAL sensor (brightness & presence) \_\_\_\_\_

220-240 V \_\_\_\_\_

system 66 W \_\_\_\_\_

system 140 lm/W<sup>3</sup> \_\_\_\_\_

PC1 \_\_\_\_\_

## Physical

T-shape \_\_\_\_\_

length 1055 mm \_\_\_\_\_

width 42 mm \_\_\_\_\_

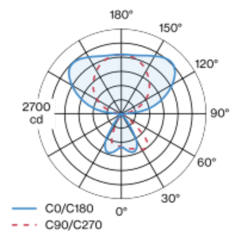
height 2100 mm \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses  
& operating device efficiency

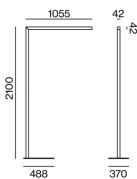
## Installation instructions



## Light distribution



## Product drawing



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### 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

MF

Maintenance Factor

LMF<sup>a</sup>

Luminaire Maintenance Factor

RSMF<sup>a</sup>

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Faktor

<sup>a</sup> 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

