

BETO sensor direct / indirect

free standing T-shape
074-6945678B



Project / Type	
Notes	
Count / Date	



General

Floor , Standing	
black , RAL 9005 ¹	
Reflector dark chrome	
IP20	
indirect 5710 lm	
direct 1500 lm	
total 7210 lm	

LED

4000 K	
CRI ≥ 80	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
MR 0.72	
MDER 0.65	

Optical

Reflector	
asymmetric	
UGR < 10	
PstLM ≤ 1.0 ²	
SVM ≤ 0.4 ²	

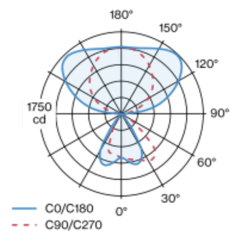
Electrical

ESSENTIAL sensor (brightness & presence)	
220-240 V	
system 51 W	
system 141 lm/W ³	
PC1	

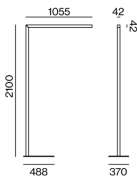
Physical

T-shape	
length 1055 mm	
width 42 mm	
height 2100 mm	

Light distribution



Product drawing



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

Installation instructions



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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		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire 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.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	13
B13	17
B16	21
B20	26
C10	21
C13	28
C16	35
C20	43

