

BETO direct / indirect power

free standing T-shape
074-6955017B



Project / Type

Notes

Count / Date



Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); square downpipe; pedestal with recess for table base (T-shape); surface white powder coated; direct/indirect illumination characteristic; direct light component with high gloss reflector + faceted design and asymmetric radiation characteristic; Reflector dark chrome; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination; UGR ≤ 10; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; including TOUCH DIM control for individual control of the brightness; incl. connection cable (3m) with safety plug; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Floor , Standing

white , RAL 9010 ¹

Reflector dark chrome

IP20

indirect 5740 lm

direct 1290 lm

total 7030 lm

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_r: 91 , R_{t(1-15)}: 89

MR 0.61

MDER 0.55

Optical

Reflector

asymmetric

UGR ≤ 10

P_{stLM} ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

touch DIM on pole

220-240 V

system 66 W

system 107 lm/W³

PC1

Physical

T-shape

length 1055 mm

width 42 mm

height 2100 mm

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	27
C10	21
C13	28
C16	35
C20	45

