

BETO direct / indirect power

free standing U-shape
074-69540TXB



Project / Type _____

Notes _____

Count / Date _____



General

Floor | Standing _____
special colours _____
Reflector dark chrome _____
black _____
IP20 _____
indirect 5740 lm | direct 1290 lm _____
total 7030 lm _____

LED

3000 K _____
CRI \geq 90 _____
L90 / 50000 h _____
initial MacAdam \leq 3 SDCM _____
R_g: 99 | R_r: 91 | R₍₁₋₁₅₎: 89 _____
MR 0.61 | MDER 0.55 _____

Optical

Reflector | asymmetric _____
UGR \leq 10 _____
PstLM \leq 1.0¹ | SVM \leq 0.4¹ _____

Electrical

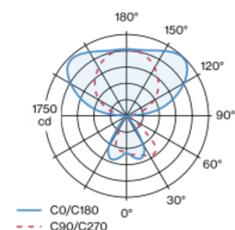
Loxone Air / touch DIM on pole _____
PC1 | 220-240 V _____
system 66 W _____
system 107 lm/W² _____

Physical

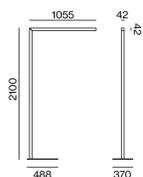
U-shape _____
length 1055 mm | width 42 mm | height 2100 mm _____

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 (U-shape); surface special colours 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 \leq 10; light colour 3000 K; binning initial MacAdam \leq 3 SDCM; CRI \geq 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. Loxone Air module for easy integration into the Loxone home and building automation system; including TOUCH DIM miniature push-button; 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



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