BETO linear blackboard direct / indirect

suspended system

074-7736638R

Project / Type

Notes

Count / Date

X-PERT X-PERT 220-240 V

Luminaire housing made of extruded aluminium profile; extremely slim design (only 42 x 42 mm) linear; converter integrated into luminaire housing; no visible screws; angular design; for lighting systems; surface jet black powder coated; for suspended mounting (1500 mm cable suspension as an accessory); with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; extruded profile for improved thermal management; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality reflector with micro-faceted, aluminum-vaporised surface; asymmetrical light distribution with precise radiation characteristic; direct/indirect illumination characteristic; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, separately controllable; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

General

Ceiling | Suspended
jet black | RAL 9005
Reflector chrome
IP20
indirect 4220 lm | direct 5120 lm
total 9340 lm

LED

4000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.74 | MDER 0.67

Optical

Reflector | wallwasher floor
PstLM ≤ 1.0[1 2 3 4] | SVM ≤ 0.4[1 2 3 4]

Electrical

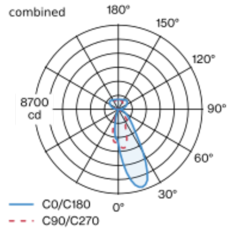
DALI-2 | 2 DALI Addr.
PC1 | 220-240 V
system 76 W
system 123 lm/W [5]

Physical

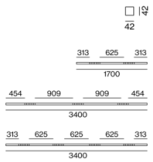
length 1700 mm | width 42 mm | height 42 mm

[1] combined [2] segment direct [3] segment indirect
[4] Value of containing product at full load (undimmed)
[5] incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



Installation instructions

Lighting calculator