

BETO linear blackboard direct / indirect

suspended system
074-7736538R



Project / Type

Notes

Count / Date



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 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 3000 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

black | RAL 9005 ¹

Reflector chrome

IP20

indirect 3710 lm | direct 5020 lm

total 8730 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.54 | MDER 0.49

Optical

Reflector | wallwasher floor

$P_{stLM} \leq 1.0^2 \ 3 \ 4 \ 5$ | $SVM \leq 0.4^2 \ 3 \ 4 \ 5$

Electrical

DALI-2 | 2 DALI Addr.

PC1 | 220-240 V

system 75 W

system 116 lm/W ⁶

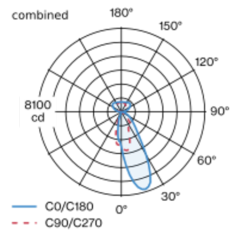
Physical

length 1700 mm | width 42 mm | height 42 mm

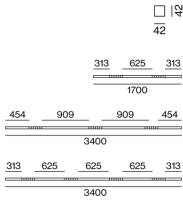
2.77 kg

¹ RAL code ² combined ³ segment indirect ⁴ segment direct
⁵ Value of containing product at full load (undimmed)
⁶ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



Installation instructions



Lighting calculator

