

# BETO linear blackboard direct / indirect

suspended system  
074-7736638R



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 4000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 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 <sup>1</sup>

Reflector chrome

IP20

indirect 4220 lm | direct 5120 lm

total 9340 lm

### LED

4000 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.74 | MDER 0.67

### Optical

Reflector | wallwasher floor

PstLM  $\leq 1.0^2$  <sup>3</sup> <sup>4</sup> <sup>5</sup> | SVM  $\leq 0.4^2$  <sup>3</sup> <sup>4</sup> <sup>5</sup>

### Electrical

DALI-2 | 2 DALI Addr.

PC1 | 220-240 V

system 76 W

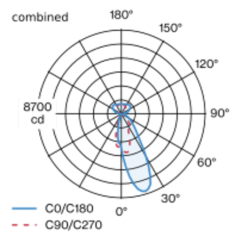
system 123 lm/W <sup>6</sup>

### Physical

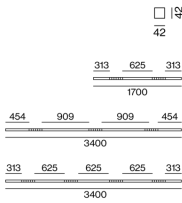
length 1700 mm | width 42 mm | height 42 mm

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

### Light distribution



### Product drawing



### Installation instructions



### Lighting calculator

