

# BETO linear blackboard direct / indirect

suspended system  
074-7749538R



Project / Type \_\_\_\_\_  
Notes \_\_\_\_\_  
Count / Date \_\_\_\_\_



## General

Ceiling , Suspended \_\_\_\_\_  
black , RAL 9005 <sup>1</sup> \_\_\_\_\_  
Reflector chrome \_\_\_\_\_  
IP20 \_\_\_\_\_  
indirect 7590 lm \_\_\_\_\_  
direct 7530 lm \_\_\_\_\_  
total 15120 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_  
CRI ≥ 80 \_\_\_\_\_  
L90 / 50000 h \_\_\_\_\_  
initial MacAdam ≤ 3 SDCM \_\_\_\_\_  
MR 0.54 \_\_\_\_\_  
MDER 0.49 \_\_\_\_\_

## Optical

Reflector \_\_\_\_\_  
wallwasher floor \_\_\_\_\_  
PstLM ≤ 1.0<sup>2 3</sup> \_\_\_\_\_  
SVM ≤ 0.4<sup>2 3</sup> \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_  
220-240 V \_\_\_\_\_  
system 120 W \_\_\_\_\_  
system 126 lm/W<sup>4</sup> \_\_\_\_\_  
PC1 \_\_\_\_\_  
2 DALI Addr. \_\_\_\_\_

## Physical

length 3400 mm \_\_\_\_\_  
width 42 mm \_\_\_\_\_  
height 42 mm \_\_\_\_\_  
5.6 kg \_\_\_\_\_

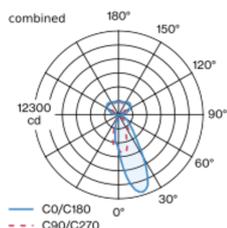
<sup>1</sup> RAL code <sup>2</sup> combined

<sup>3</sup> Value of containing product at full load (undimmed)

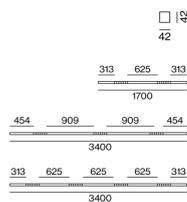
<sup>4</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

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;

## Light distribution



## Product drawing



## Installation instructions



## Lighting calculator

