

**BETO** direct / indirect TW  
power  
suspended  
074-62D9148R



Project / Type \_\_\_\_\_

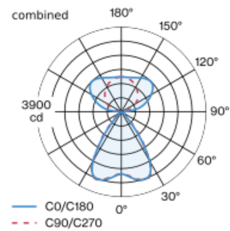
Notes \_\_\_\_\_

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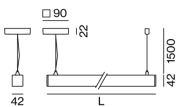


Luminaire housing made of extruded aluminium profile; extremely slim design (only 42 x 42 mm); light tight final end caps made of aluminium; no visible screws; angular design; surface black powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; freely positionable; incl. feed (black); extruded profile for improved thermal management; high gloss reflector with faceted design; Reflector chrome; direct/indirect illumination characteristic; light colour direct light component: 4000 K; light colour indirect light component: tunable white diodes (2700-6500 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; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500$  cd/m<sup>2</sup>; 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; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

**Light distribution**



**Product drawing**



**General**

Ceiling , Suspended \_\_\_\_\_

black , RAL 9005 <sup>1</sup> \_\_\_\_\_

Reflector chrome \_\_\_\_\_

IP20 \_\_\_\_\_

indirect 6110 lm \_\_\_\_\_

direct 4810 lm \_\_\_\_\_

total 10920 lm \_\_\_\_\_

**LED**

4000 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>r</sub>: 92 , R<sub>(1-15)</sub>: 90 \_\_\_\_\_

MR 0.81 \_\_\_\_\_

MDER 0.74 \_\_\_\_\_

**Optical**

Reflector \_\_\_\_\_

symmetric \_\_\_\_\_

UGR  $\leq 13$  ,  $\geq 65^\circ < 1500$  cd/m<sup>2</sup> \_\_\_\_\_

PstLM  $\leq 1.0^2$  <sup>3</sup> \_\_\_\_\_

SVM  $\leq 0.4^2$  <sup>3</sup> \_\_\_\_\_

**Electrical**

DALI-2 D/I separately controllable \_\_\_\_\_

220-240 V \_\_\_\_\_

system 93 W \_\_\_\_\_

system 117 lm/W<sup>4</sup> \_\_\_\_\_

PC1 \_\_\_\_\_

2 DALI Addr. \_\_\_\_\_

**Physical**

length 3057 mm \_\_\_\_\_

width 42 mm \_\_\_\_\_

height 42 mm \_\_\_\_\_

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

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

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

**Installation instructions**



**Lighting calculator**

