

BETO circle 1600 direct / indirect power

suspended

074-7444138B



Project / Type

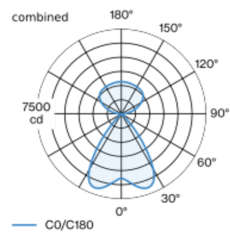
Notes

Count / Date

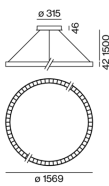


Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; extremely slim design (only 42 x 42 mm); surface black powder coated; suspended luminaire with 1500mm cable suspension (canopy central); with integrated toolless suspension height adjustment on the luminaire; incl. transparent feed; extruded profile for improved thermal management; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high gloss reflector with faceted design; Reflector dark chrome; UGR ≤ 10 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; 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; converter included in canopy; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Suspended
black | RAL 9005 ¹
Reflector dark chrome
IP20
indirect 11300 lm | direct 8550 lm
total 19850 lm

LED

4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 99 | R_f: 92 | R_{t(1-15)}: 90
MR 0.81 | MDER 0.74

Optical

Reflector | symmetric
UGR ≤ 10 | $\geq 65^\circ < 1500$ cd/m²
PstLM $\leq 1.0^2$ ³ | SVM $\leq 0.4^2$ ³

Electrical

DALI-2 D/I separately controllable | 2 DALI Addr.
PC1 | 220-240 V
system 172 W
system 115 lm/W ⁴

Physical

diameter 1569 mm | height 42 mm
9 kg

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

Installation instructions

