

BETO circle 1600 direct / indirect power

suspended

074-7444537R



Project / Type
Notes
Count / Date



General

Ceiling , Suspended
white , RAL 9010 ¹
Reflector chrome
IP20
indirect 12200 lm
direct 12800 lm
total 25000 lm

LED

3000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.56
MDER 0.51

Optical

Reflector
symmetric
UGR ≤ 13 , ≥65° <1500 cd/m ²
PstLM ≤ 1.0 ^{2 3}
SVM ≤ 0.4 ^{2 3}

Electrical

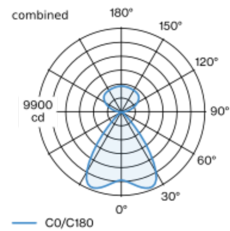
DALI-2 D/I separately controllable
220-240 V
system 172 W
system 145 lm/W ⁴
PC1
2 DALI Addr.

Physical

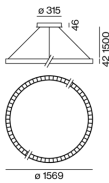
diameter 1569 mm
height 42 mm
9 kg

Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; extremely slim design (only 42 x 42 mm); surface white 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 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 gloss reflector with faceted design; Reflector chrome; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 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



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



Lighting calculator

