

BETO circle 1600 direct / indirect power

suspended

074-7444538R



Project / Type	
Notes	
Count / Date	



General

Ceiling , Suspended	
black , RAL 9005 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

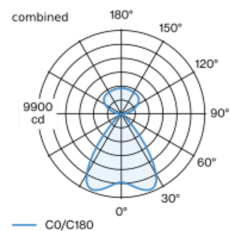
DALI-2 D/I separately controllable	
220-240 V	
system 172 W	
system 145 lm/W ⁴	
PC1	
2 DALI Addr.	

Physical

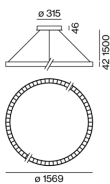
diameter 1569 mm	
height 42 mm	

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 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 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

