

BETO circle 1600 direct

suspended

074-7404538R



Project / Type	
Notes	
Count / Date	



General

Ceiling , Suspended	
black , RAL 9005 ¹	
Reflector chrome	
IP20	
12800 lm	

LED

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

Optical

Reflector	
symmetric	
UGR ≤ 19 , ≥65° <1500 cd/m ²	
PstLM ≤ 1.0 ^{2 3}	
SVM ≤ 0.4 ^{2 3}	

Electrical

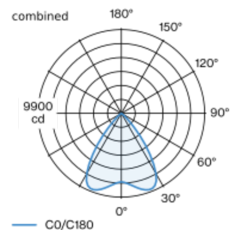
DALI-2	
220-240 V	
system 91 W	
system 141 lm/W ⁴	
PC1	
1 DALI Addr.	

Physical

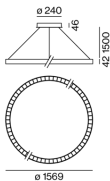
diameter 1569 mm	
height 42 mm	
9 kg	

Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; extremely slim design (only 42 x 42 mm); surface 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 ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; 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

