

BETO circle 1600 direct / indirect power

suspended

074-7444137R

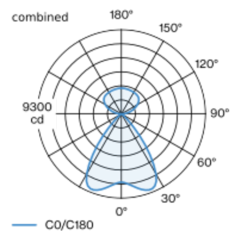


Project / Type	
Notes	
Count / Date	

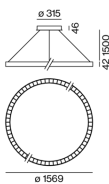


Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; extremely slim design (only 42 x 42 mm); surface white powder coated; suspended luminaire with 1500mm cable suspension (canopy central); with integrated toolless suspension height adjustment on the luminaire; incl. transparent feed; extruded profile for improved thermal management; light colour 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 chrome; UGR ≤ 13 ; 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	
white , RAL 9010 ¹	
Reflector chrome	
IP20	
indirect 11300 lm	
direct 11900 lm	
total 23200 lm	

LED

4000 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R _g : 99 , R _r : 92 , R ₍₁₋₁₅₎ : 90	
MR 0.81	
MDER 0.74	

Optical

Reflector	
symmetric	
UGR < 13 , $\geq 65^\circ < 1500$ cd/m ²	
PstLM $\leq 1.0^2$ ³	
SVM $\leq 0.4^2$ ³	

Electrical

DALI-2 D/I separately controllable	
220-240 V	
system 172 W	
system 135 lm/W ⁴	
PC1	
2 DALI Addr.	

Physical

diameter 1569 mm	
height 42 mm	

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

