

BETO circle 1600 direct

suspended

074-7404D37B



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended _____

white , RAL9010 ¹ _____

Reflector dark chrome _____

IP20 _____

9110 lm _____

LED

tunable white _____

2700 K - 6500 K _____

CRI ≥ 80 _____

L80 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

MR 0.47 _____

MDER 0.42 _____

Optical

Reflector _____

Symmetric _____

UGR < 16 , ≥65° <1500 cd/m² _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; extremely slim design (only 42 x 42 mm); suspended luminaire with 1500mm cable suspension (canopy central); with integrated tool-less suspension height adjustment; incl. transparent feed; extruded profile for improved thermal management; light colour: tunable white diodes (2700-6500 K); energy efficient LEDs with high CRI; high gloss reflector with faceted design; internal wiring in light halogen free; incl. converter, non dimmable; converter included in canopy;

Electrical

DALI-2 _____

101 W _____

PC1 220-240V _____

90 lm/W _____

2 DALI Addr. _____

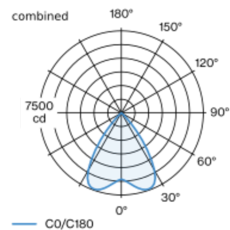
Physical

diameter 1569 mm _____

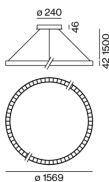
height 42 mm _____

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.93	0.89	0.85	0.82
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	3
B13	4
B16	5
B20	6
C10	5
C13	6
C16	8
C20	10

