

BETO circle 1600 direct / indirect power

suspended

074-7444637R



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

white , RAL9010 ¹

Reflector chrome

IP20

indirect 13900 lm

direct 14600 lm

total 28500 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72

MDER 0.65

Optical

Reflector

Symmetric

UGR < 16 , ≥65° <1500 cd/m²

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

172 W

PC1 220-240V

166 lm/W

2 DALI Addr.

Physical

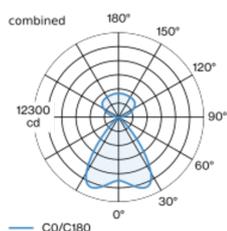
diameter 1569 mm

height 42 mm

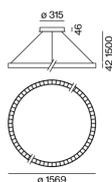
¹ RAL code ² Value of containing product at full load (undimmed)

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; 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;

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	0.98	0.96	0.94	0.92	0.9
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