

BETO circle 1600 direct

suspended

074-7404537B



Project / Type	
Notes	
Count / Date	



General

Ceiling , Suspended	
white , RAL9010 ¹	
Reflector dark chrome	
IP20	
9170 lm	

LED

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

Optical

Reflector	
Symmetric	
UGR < 16 , ≥65° <1500 cd/m ²	
PstLM ≤ 1.0 ²	
SVM ≤ 0.4 ²	

Electrical

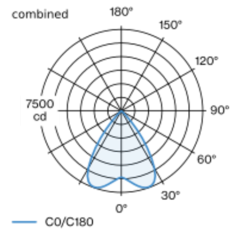
DALI-2	
91 W	
PC1 220-240V	
101 lm/W	
1 DALI Addr.	

Physical

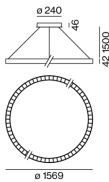
diameter 1569 mm	
height 42 mm	

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	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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	6
B13	8
B16	10
B20	12
C10	10
C13	13
C16	16
C20	20

