

BETO circle 1600 direct

suspended

074-7404D38B



Project / Type	
Notes	
Count / Date	



General

Ceiling , Suspended	
black , RAL9005 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	

Electrical

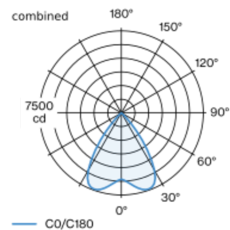
DALI-2	
101 W	
PC1 220-240V	
90 lm/W	
2 DALI Addr.	

Physical

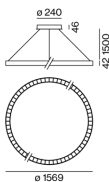
diameter 1569 mm	
height 42 mm	

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

