

# BETO circle 800 direct

suspended

074-7403D37B



Project / Type

Notes

Count / Date



### General

Ceiling , Suspended

white , RAL9010 <sup>1</sup>

Reflector dark chrome

IP20

4550 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

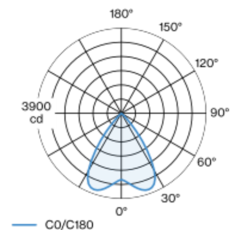
UGR < 16 , ≥65° <1500 cd/m²

PstLM ≤ 1.0 <sup>2</sup>

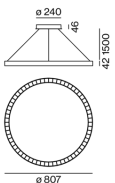
SVM ≤ 0.4 <sup>2</sup>

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 tool-less suspension height adjustment; incl. transparent feed; extruded profile for improved thermal management; light colour: tunable white diodes (2700-6500 K); binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high gloss reflector with faceted design; Reflector dark chrome; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection IP20; PC1 220-240V; 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



### Electrical

DALI-2

53 W

PC1 220-240V

86 lm/W

2 DALI Addr.

### Physical

diameter 807 mm

height 42 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

### 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 <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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	5
B13	6
B16	8
B20	10
C10	8
C13	10
C16	13
C20	17

