

# BETO circle 1600 direct

suspended

074-7404D38R



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Suspended	
black , RAL9005 <sup>1</sup>	
Reflector chrome	
IP20	
12700 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 < 19 , ≥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); 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

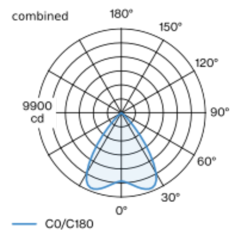
DALI-2	
101 W	
PC1 220-240V	
126 lm/W	
2 DALI Addr.	

## Physical

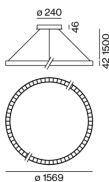
diameter 1569 mm	
height 42 mm	

<sup>1</sup> RAL code <sup>2</sup> 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

MF

Maintenance Factor

LMF<sup>a</sup>

Luminaire Maintenance Factor

RSMF<sup>a</sup>

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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	3
B13	4
B16	5
B20	6
C10	5
C13	6
C16	8
C20	10

