

# MITA circle 160

ceiling

074-7616D37R



Project / Type

Notes

Count / Date



## General

Ceiling , Surface

traffic white , RAL 9016 <sup>1</sup>

Reflector chrome

IP20

838 lm

## LED

tunable white

2700 K - 6500 K

CRI  $\geq$  90

L90 / 50000 h

initial MacAdam  $\leq$  3 SDCM

R<sub>g</sub>: 101 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 88

MR 0.51

MDER 0.46

## Optical

Reflector

symmetric

UGR  $\leq$  19 ,  $\geq$ 65° <1500 cd/m<sup>2</sup>

PstLM  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

DALI-2 DT8

220-240 V

system 7.4 W

system 113 lm/W<sup>3</sup>

PC1

1 DALI Addr.

## Physical

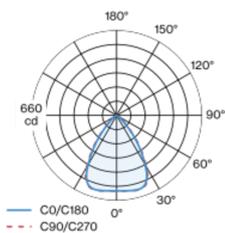
diameter 165 mm

height 76 mm

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

<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Light distribution



## Product drawing



∅ 165

## 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 <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 Factor

<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	65
B16	104
C10	65
C16	104