

# OPAL

MOVE IT PRO

086-6140430 086-60400000



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling | Track \_\_\_\_\_

IP20 \_\_\_\_\_

5110 lm \_\_\_\_\_

2050 lm/m \_\_\_\_\_

## LED

2700 K \_\_\_\_\_

CRI  $\geq$  80 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq$  3 SDCM \_\_\_\_\_

MR 0.48 | MDER 0.44 \_\_\_\_\_

## Optical

Opal | opal (lambertsch) \_\_\_\_\_

PstLM  $\leq$  1.0<sup>1</sup> | SVM  $\leq$  0.4<sup>1</sup> \_\_\_\_\_

## Electrical

DALI-2 | 1 DALI Addr. \_\_\_\_\_

PC2 | 220-240 V \_\_\_\_\_

system 41 W \_\_\_\_\_

system 125 lm/W<sup>2</sup> \_\_\_\_\_

16 W/m \_\_\_\_\_

## Physical

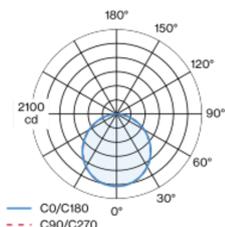
length 2500 mm | width 43 mm | height 13 mm \_\_\_\_\_

Linear light inset made of plastic; light inset, incl. high power adapter + converter can be installed flexibly and without tools; flush with profile system; power supplied via MOVE IT PRO system track profile; equipped with specially computed lenses; completely homogeneously illuminated, satin PMMA cover; passive cooling of the LEDs through improved heat sink geometry; light colour 2700 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC2; 220-240 V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

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

<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## 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<sup>a</sup> Luminaire Maintenance Factor

RSMF<sup>a</sup> Room Surface Maintenance Factor  
LLMF Lamp Lumens 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	17
B13	22
B16	28
C10	22
C13	27
C16	35

## Components

### OPAL COVER

L-W-H (MM)	ARTICLE NUMBER(S)
2498-43-5	086-60400000

## Mounting accessories

### END CAPS

TYPE	COLOUR	ARTICLE NUMBER(S)
1 pair for opal and microprismatic	traffic white	086-6091117
1 pair for opal and microprismatic	jet black	086-6091118

## Optical accessories

### CONTINUOUS OPAL COVER

L-W-H (MM)	ARTICLE NUMBER(S)
6000-43-5	086-60806000
25000-43-5	086-60825000

