

# PAL cable 80mm suspended

MOVE IT 25 / 25 S / 45

050-151141X



Project / Type

Notes

Count / Date



## General

Ceiling , Track Suspended

special colours

IP20

475 lm

optical inset 69 lm/W<sup>1</sup>

## LED

2700 K

CRI  $\geq$  90

L80 / 50000 h

initial MacAdam  $\leq$  3 SDCM

R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>r(1-15)</sub>: 89

MR 0.53

MDER 0.48

## Optical

opal (lambertsch)

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

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

## Electrical

non DIM

48 V

fixture 9.1 W

fixture 52 lm/W<sup>3</sup>

optical inset 6.8 W

PC3

## Physical

cable 1500 mm

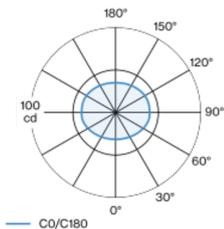
diameter 80 mm

height 80 mm

0.35 kg

Decorative glass ball pendant light inset; opal; surface special colours powder coated; light inset can be installed and moved without tools by means of magnetic holders+locking; power supplied via MOVE IT system track profile; hot plug protection; pendant fitting with 1500mm suspension, incl. feed (special colours), can be individually shortened; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC3; 48 V; non-dimmable; light source not replaceable;

## Light distribution



## Product drawing



<sup>1</sup> OPTICAL INSET: incl. consideration of optical losses

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

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

## 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	0.92	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.

## Mounting accessories

### RING TRACK MOUNTED

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	50	050-051017
jet black	50	050-051018



### RING CEILING MOUNTED

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	50	050-0510217
jet black	50	050-0510218

