

# MOVE IT 45 track indirect

050-743953P



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

Notes \_\_\_\_\_

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



Extruded aluminium profile with 45mm width groove; for suspended mounting (1500 mm cable suspension as an accessory); height adjustment without tools; with indirect light component for additional accentuation of the ceiling; indirect light component covered with opal lens cover; light colour 3000 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; with integrated power track profile for take off of supply voltage and DALI signal; surface white powder coated; Inner colour anodised black; light insets can be installed and moved without tools by means of magnetic holders+locking; degree of protection IP20; PC3; 48 V; accessories are listed separately; light source not replaceable;

## Light distribution



## Product drawing



### General

Ceiling , Suspended \_\_\_\_\_

white , RAL 9016 <sup>1</sup> \_\_\_\_\_

Inner colour black \_\_\_\_\_

IP20 \_\_\_\_\_

6000 lm \_\_\_\_\_

1670 lm/m \_\_\_\_\_

optical inset 139 lm/W<sup>2</sup> \_\_\_\_\_

### LED

3000 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

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

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

MR 0.61 \_\_\_\_\_

MDER 0.55 \_\_\_\_\_

### Optical

PstLM  $\leq 1.0$  <sup>3</sup> \_\_\_\_\_

SVM  $\leq 0.4$  <sup>3</sup> \_\_\_\_\_

### Electrical

DALI-2 single control \_\_\_\_\_

48 V \_\_\_\_\_

fixture 51 W \_\_\_\_\_

optical inset 43 W \_\_\_\_\_

PC3 \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

14 W/m \_\_\_\_\_

### Physical

length 3625 mm \_\_\_\_\_

width 48 mm \_\_\_\_\_

height 60 mm \_\_\_\_\_

5.1 kg \_\_\_\_\_

<sup>1</sup> RAL code

<sup>2</sup> OPTICAL INSET: incl. consideration of optical losses

<sup>3</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   | 0.92   | 0.87   | 0.83   | 0.8    |
| 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

### CABLE SUSPENSION

| COLOUR | ARTICLE NUMBER(S) |
|--------|-------------------|
| chrome | 005-2152110       |
| black  | 005-2152118       |



### CANOPY

| COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------|------------|-------------------|
| traffic white | 90-90-22   | 005-2311717       |
| jet black     | 90-90-22   | 005-2311718       |



### END CAP

| COLOUR          | L-W-H (MM) | ARTICLE NUMBER(S) |
|-----------------|------------|-------------------|
| jet black       | 60-48-3    | 050-7330008       |
| gold / black    | 60-48-3    | 050-733000G       |
| white / black   | 60-48-3    | 050-733000P       |
| special colours | 60-48-3    | 050-733000X       |



## Mounting accessories

### MECHANICAL LINEAR CONNECTOR

| COLOUR | ARTICLE NUMBER(S) |
|--------|-------------------|
| chrome | 050-2011310       |
| black  | 050-2011318       |



### MECHANICAL LINEAR CONNECTOR SURFACE

| ARTICLE NUMBER(S) |
|-------------------|
| 050-2011410       |



### MECHANICAL & ELECTRICAL LINEAR CONNECTOR

| ARTICLE NUMBER(S) |
|-------------------|
| 050-2031230       |



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### NODE CONNECTOR

| TYPE         | COLOUR          | Ø (MM) | ARTICLE NUMBER(S) |
|--------------|-----------------|--------|-------------------|
| chrome cable | traffic white   | 64     | 050-2033137       |
| chrome cable | jet black       | 64     | 050-2033138       |
| chrome cable | special colours | 64     | 050-203313X       |
| black cable  | traffic white   | 64     | 050-2033147       |
| black cable  | jet black       | 64     | 050-2033148       |
| black cable  | special colours | 64     | 050-203314X       |
| chrome cable | traffic white   | 64     | 050-2022237       |
| chrome cable | jet black       | 64     | 050-2022238       |
| chrome cable | special colours | 64     | 050-202223X       |
| black cable  | traffic white   | 64     | 050-2022247       |
| black cable  | jet black       | 64     | 050-2022248       |
| black cable  | special colours | 64     | 050-202224X       |



### NODE END CAP

| TYPE                       | COLOUR          | ARTICLE NUMBER(S) |
|----------------------------|-----------------|-------------------|
| incl. electrical connector | jet black       | 050-7300108       |
| incl. electrical connector | white / black   | 050-730010P       |
| incl. electrical connector | special colours | 050-730010X       |



## Electrical accessories

### POWER FEEDER UNIT

| TYPE    | L·W·H (MM) | ARTICLE NUMBER(S) |
|---------|------------|-------------------|
| non DIM | 78-28-6    | 050-2022110       |
| DALI-2  | 78-28-6    | 050-2022130       |
| non DIM | 78-28-6    | 050-2024110       |



## Electrical accessories

### POWER SUPPLY INTRACK

| TYPE                        | L·W·H (MM) | ARTICLE NUMBER(S) |
|-----------------------------|------------|-------------------|
| 150 W   incl. cable 2000 mm | 453-43-48  | 050-2071238       |
| 250 W   incl. cable 2000 mm | 453-43-48  | 050-2071338       |



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## Electrical accessories

### POWER SUPPLY SURFACE

| COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------|------------|-------------------|
| traffic white | 305-144-54 | 050-2055117       |
| jet black     | 305-144-54 | 050-2055118       |
| traffic white | 305-144-54 | 050-2055137       |
| jet black     | 305-144-54 | 050-2055138       |
| traffic white | 455-104-40 | 050-2055417       |
| jet black     | 455-104-40 | 050-2055418       |
| traffic white | 455-104-40 | 050-2055437       |
| jet black     | 455-104-40 | 050-2055438       |
| traffic white | 455-104-40 | 050-2055217       |
| jet black     | 455-104-40 | 050-2055218       |
| traffic white | 455-104-40 | 050-2055237       |
| jet black     | 455-104-40 | 050-2055238       |
| traffic white | 455-104-40 | 050-2055517       |
| jet black     | 455-104-40 | 050-2055518       |
| traffic white | 455-104-40 | 050-2055537       |
| jet black     | 455-104-40 | 050-2055538       |
| traffic white | 305-144-54 | 050-2055317       |
| jet black     | 305-144-54 | 050-2055318       |
| traffic white | 305-144-54 | 050-2055337       |
| jet black     | 305-144-54 | 050-2055338       |



## Electrical accessories

### POWER SUPPLY EXTERNAL

| TYPE  | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------|------------|-------------------|
| 60 W  | 163-43-32  | 002-62133         |
| 100 W | 350-30-18  | 002-62134         |
| 150 W | 350-30-18  | 002-62135         |
| 250 W | 400-40-22  | 002-62139         |
| 320 W | 252-90-44  | 002-60320         |



## Optional electrical accessories

### DIN RAIL POWER SUPPLY

| TYPE  | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------|------------|-------------------|
| 160 W | 72-90-63   | 005-6520210       |



### DIN RAIL POWER SUPPLY PRO

| TYPE  | L-W-H (MM)  | ARTICLE NUMBER(S) |
|-------|-------------|-------------------|
| 240 W | 60-125-100  | 005-6220110       |
| 480 W | 100-125-120 | 005-6220210       |



## Electrical accessories

### DALI-2 SELV DEVICE

| TYPE         | L-W-H (MM) | ARTICLE NUMBER(S) |
|--------------|------------|-------------------|
| control unit | 212-37-26  | 050-2061130       |



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## Optical accessories

### BLIND COVER

| TYPE    | COLOUR    | ARTICLE NUMBER(S) |
|---------|-----------|-------------------|
| 1217 mm | jet black | 050-7034008       |
| 2417 mm | jet black | 050-7038008       |
| 3622 mm | jet black | 050-7039008       |



### END CAP

| COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------|------------|-------------------|
| jet black     | 60-48-3    | 050-7330008       |
| white / black | 60-48-3    | 050-733000P       |

