

# MOVE IN 45 square

trim

063-8421516S 063-8842118 002-90720



Project / Type

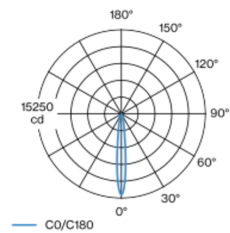
Notes

Count / Date



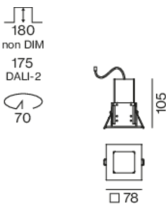
Square spotlight element in aluminium; surface brushed aluminium; installation without tools in mounting set due to patented ball catch system; recessed light with trim jet black; suitable for ceiling thickness of 2-25 mm; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; 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 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 12° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



| spot 12° |          |       |  |
|----------|----------|-------|--|
| h (m)    | EO° (lx) | ø (m) |  |
| 1        | 14700    | 0.21  |  |
| 2        | 3700     | 0.42  |  |
| 3        | 1600     | 0.63  |  |
| 4        | 900      | 0.84  |  |
| 5        | 600      | 1.06  |  |

## Product drawing



## General

Ceiling | Semi-Recessed

brushed aluminium

Mounting set jet black

IP20

1160 lm

fixture 92 lm/W <sup>1</sup>

## LED

3000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 87

MR 0.6 | MDER 0.54

## Optical

spot | beam angle 12°

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 14.9 W | fixture 12.7 W

37 Vf | 350 mA

## Physical

trim

diameter 78 mm | height 105 mm

0.51 kg

## Cutout

diameter 70 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 175 mm

<sup>1</sup> incl. consideration of optical losses & internal control unit losses  
<sup>2</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               | 0.964  | 0.923  | 0.884  | 0.847  | 0.811  |
| 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                            | 36                 |
| B13                            | 47                 |
| B16                            | 58                 |
| C10                            | 36                 |
| C13                            | 78                 |
| C16                            | 58                 |

## Components

### MOUNTING HOUSING with trim

|           |            |                   |
|-----------|------------|-------------------|
| COLOUR    | L-W-H (MM) | ARTICLE NUMBER(S) |
| jet black | 78-78-55   | 063-8842118       |



### POWER SUPPLY

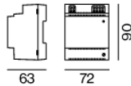
|            |                   |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 197-29-21  | 002-90720         |



## Optional electrical accessories

### DIN RAIL POWER SUPPLY

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



### DIN RAIL LED DRIVER

|                                |            |                   |
|--------------------------------|------------|-------------------|
| TYPE                           | L-W-H (MM) | ARTICLE NUMBER(S) |
| 2 × 42W   48V DC   UOUT 10–40V | 36-88-59   | 005-6121030       |



## Other accessories

### SPECIAL MOUNTING TOOL

|  |        |                   |
|--|--------|-------------------|
| TYPE   | Ø (MM) | ARTICLE NUMBER(S) |
| necessary to install mounting housing trimless | 100    | 063-8912110       |



## Optical accessories

### HONEYCOMB LOUVER

|           |        |                   |
|-----------|--------|-------------------|
| COLOUR    | Ø (MM) | ARTICLE NUMBER(S) |
| jet black | 42     | 007-1965188       |

