

MOVE IN 32 round

trim

063-8111417F 063-8821118 002-90742



Project / Type

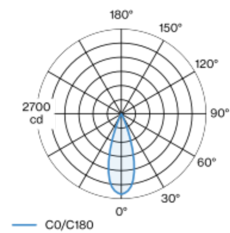
Notes

Count / Date



Round spotlight element in aluminium; surface traffic white powder coated; 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 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 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 34° 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. converter, non dimmable; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

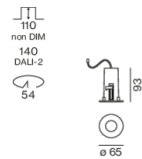
Light distribution



flood 34°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 2550 | 0.61 |
| 2 | 640 | 1.21 |
| 3 | 280 | 1.82 |
| 4 | 160 | 2.42 |
| 5 | 100 | 3.03 |

Product drawing



General

Ceiling | Semi-Recessed

traffic white | RAL 9016

Mounting set jet black

IP20

783 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_r: 91 | R_{f(15)}: 87

MR 0.52 | MDER 0.47

Optical

flood | beam angle 34°

PstLM ≤ 1.0 ^{1 2 3 4} | SVM ≤ 0.4 ^{1 2 3 4}

Electrical

non DIM

PC2 | 220-240 V

system 11.6 W | fixture 8.7 W

fixture 90 lm/W⁵

36 Vf | 250 mA

Physical

trim

diameter 65 mm | height 93 mm

0.38 kg

Cutout

diameter 54 mm

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

recessed depth 110 mm

¹ wallwasher lens BO 32 007-1965760

² soft lens BO 32 007-1965960 ³ oval lens BO 32 007-1965860

⁴ Value of containing product at full load (undimmed)

⁵ incl. consideration of optical losses & internal control unit losses

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 ^a Room Surface Maintenance Factor | | |
| MF | Maintenance Factor | | LLMF Lamp Lumens Maintenance Factor | | |
| LMF ^a | Luminaire Maintenance Factor | | LSF Lamp Survival Factor | | |

^a 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 | 57 |
| B13 | 75 |
| B16 | 92 |
| B20 | 115 |
| C10 | 57 |
| C13 | 75 |
| C16 | 92 |
| C20 | 115 |

Components

MOUNTING HOUSING with trim

| | | | |
|------------------------------|-----------|--------|-------------------|
| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| for installation in ceilings | jet black | 65 | 063-8821118 |



POWER SUPPLY

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 65-39-20 | 002-90742 |



Mounting accessories

SPECIAL MOUNTING TOOL

| | | |
|--------------------------------|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| for MOVE IN 32 round SPIO 20 | 83 | 063-8911110 |



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Optional electrical accessories

DIN RAIL POWER SUPPLY

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



DIN RAIL LED DRIVER

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 36-88-59 | 005-6121030 |



Optical accessories

HONEYCOMB LOUVER

| | | | |
|--|-----------|--------|-------------------|
| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| for BO 32 JUST 32 MOVE IN 32 TARO 32 TILA 32 | jet black | 30 | 007-1965168 |



Optical accessories

OVAL LENS

| | | |
|------------------------|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| for BO 32 MOVE IN 32 | 30 | 007-1965860 |



SOFT LENS

| | | |
|------------------------|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| for BO 32 MOVE IN 32 | 30 | 007-1965960 |



WALLWASHER LENS

| | | |
|------------------------|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| for BO 32 MOVE IN 32 | 30 | 007-1965760 |



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Colour rendering



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.