

MOVE IN 32 flex round

trim

063-8211516M 063-8821117 002-90743

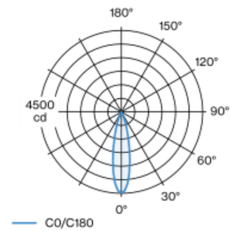


| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



Round spotlight element in aluminium; surface brushed aluminium; installation without tools in mounting set due to patented ball catch system; recessed light with trim traffic white; 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; 360° rotatable and 90° tiltable; 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 ≤ 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 24° 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;

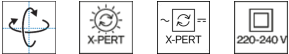
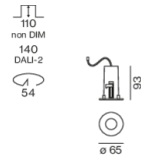
Light distribution



medium 24°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 4470 | 0.42 |
| 2 | 1120 | 0.83 |
| 3 | 500 | 1.25 |
| 4 | 280 | 1.67 |
| 5 | 180 | 2.09 |

Product drawing



General

| |
|----------------------------|
| Ceiling Semi-Recessed |
| tilt max 90° |
| rotation 360° |
| brushed aluminium |
| Mounting set traffic white |
| IP20 |
| 842 lm |

LED

| |
|---|
| 3000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 R _r : 90 R _{t(1-15)} : 87 |
| MR 0.6 MDER 0.54 |

Optical

| |
|---|
| medium beam angle 24° |
| PstLM ≤ 1.0 ^{1 2 3 4} SVM ≤ 0.4 ^{1 2 3 4} |

Electrical

| |
|-------------------------------|
| DALI-2 1 DALI Addr. |
| PC2 220-240 V |
| system 11.5 W fixture 8.7 W |
| fixture 97 lm/W ⁵ |
| 36 Vf 250 mA |

Physical

| |
|-------------------------------|
| trim |
| diameter 65 mm height 93 mm |
| 0.53 kg |

Cutout

| |
|--|
| diameter 54 mm |
| min. ceiling thickness 2 mm max. ceiling thickness 25 mm |
| recessed depth 140 mm |

¹ wallwasher lens BO 32 007-1965760
² oval lens BO 32 007-1965860 ³ soft lens BO 32 007-1965960
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.

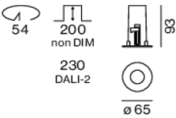
Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 80 |
| B13 | 104 |
| B16 | 130 |
| B20 | 162 |
| C10 | 135 |
| C13 | 175 |
| C16 | 220 |
| C20 | 270 |

Components

MOUNTING HOUSING with trim

| | | | |
|------------------------------|---------------|--------|-------------------|
| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| for installation in ceilings | traffic white | 65 | 063-8821117 |



POWER SUPPLY

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 147-33-23 | 002-90743 |



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.