

MOVE IN 45 round

trim

063-8121414M 063-8822118 002-90724



Project / Type

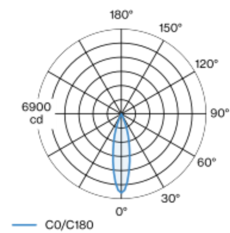
Notes

Count / Date



Round spotlight element in aluminium; surface chrome; 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 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. converter, non dimmable; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

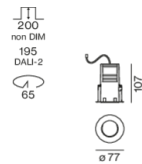
Light distribution



medium 24°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 6400 | 0.43 |
| 2 | 1600 | 0.86 |
| 3 | 710 | 1.30 |
| 4 | 400 | 1.73 |
| 5 | 260 | 2.16 |

Product drawing



General

Ceiling | Semi-Recessed

chrome

Mounting set jet black

IP20

1330 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_r: 91 | R_{f(1-15)}: 87

MR 0.52 | MDER 0.47

Optical

medium | beam angle 24°

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

Electrical

non DIM

PC2 | 220-240 V

system 15.7 W | fixture 13.4 W

fixture 100 lm/W⁵

36 Vf | 400 mA

Physical

trim

diameter 77 mm | height 107 mm

0.57 kg

Cutout

diameter 65 mm

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

recessed depth 200 mm

¹ wallwasher lens BO 45 007-1965780
² oval lens BO 45 007-1965880 ³ soft lens BO 45 007-1965980
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses & internal control unit losses

Installation instructions



Lighting calculator



MOVE IN 45 round

trim

063-8121414M 063-8822118 002-90724



Project / Type

Notes

Count / Date

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 | 31 |
| B13 | 40 |
| B16 | 50 |
| B20 | 62 |
| B25 | 78 |
| C10 | 52 |
| C13 | 67 |
| C16 | 85 |
| C20 | 104 |
| C25 | 130 |

Components

MOUNTING HOUSING with trim

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|------------------------------|-----------|--------|-------------------|
| for installation in ceilings | jet black | 77 | 063-8822118 |



POWER SUPPLY

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 180-30-21 | 002-90724 |



Mounting accessories

SPECIAL MOUNTING TOOL

| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
|------------------------------------|--------|-------------------|
| for ARY MOVE IN 45 NOBA TULA | 100 | 063-8912110 |



MOVE IN 45 round

trim

063-8121414M 063-8822118 002-90724



Project / Type

Notes

Count / Date

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 45 JUST 45 MOVE IN 45 TARO 45 TULA micro | jet black | 42 | 007-1965188 |



Optical accessories

OVAL LENS

| | | |
|-------------------------------------|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| for BO 45 MOVE IN 45 TULA micro | 42 | 007-1965880 |



SOFT LENS

| | | |
|---|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| for ARY BO 45 MOVE IN 45 TULA micro | 42 | 007-1965980 |



WALLWASHER LENS

| | | |
|---|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| for ARY BO 45 MOVE IN 45 TULA micro | 42 | 007-1965780 |



MOVE IN 45 round

trim

063-8121414M 063-8822118 002-90724



Project / Type

Notes

Count / Date

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.