

MOVE IN 45 flex round

trimless

063-8221417F 063-8812117 002-90724



Project / Type

Notes

Count / Date



General

Ceiling , Semi-Recessed
 tilt max 90°
 rotation 360°
 white , RAL9016 ¹
 IP20
 1230 lm

LED

2700 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89
 MR 0.53
 MDER 0.48

Optical

flood
 beam angle 36°
 PstLM ≤ 1.0 ²
 SVM ≤ 0.4 ²

Electrical

non DIM
 system 15.9 W
 inset 13.5 W
 36 Vf
 400 mA
 PC2 220-240V
 system 77 lm/W³
 inset 91 lm/W⁴

Physical

trimless
 diameter 75 mm
 height 106 mm
 0.53 kg

Cutout

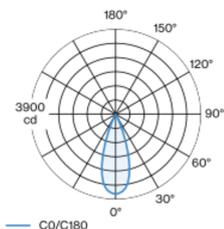
diameter 65 mm
 min. ceiling thickness 9 mm
 max. ceiling thickness 25 mm
 recessed depth 200 mm

¹ RAL code ² Value of containing product at full load (undimmed)

³ incl. optical losses and the efficiency of the operating device (converter)

⁴ incl. optical losses

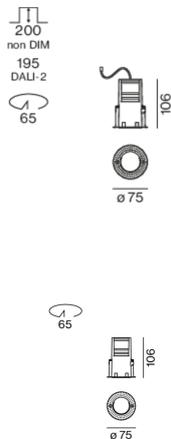
Light distribution



flood 36°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 3660 | 0.65 |
| 2 | 920 | 1.29 |
| 3 | 410 | 1.94 |
| 4 | 230 | 2.59 |
| 5 | 150 | 3.23 |

Product drawing



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 | 0.88 | 0.85 | 0.81 |
| 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 Faktor |

^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 trimless

| | | | |
|--------|----|-------------------|-------------|
| Ø (MM) | 75 | ARTICLE NUMBER(S) | 063-8812117 |
|--------|----|-------------------|-------------|



POWER SUPPLY

| | | | | | |
|------|------|------------|-----------|-------------------|-----------|
| TYPE | 22 W | L-W-H (MM) | 180-30-21 | ARTICLE NUMBER(S) | 002-90724 |
|------|------|------------|-----------|-------------------|-----------|



Mounting accessories

SPECIAL MOUNTING TOOL

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



Optional electrical accessories

DIN RAIL POWER SUPPLY

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



DIN RAIL LED DRIVER

| | | | | | |
|------|--------------------------------|------------|----------|-------------------|-------------|
| TYPE | DALI-2 200-1050 mA 2 x 42W | L-W-H (MM) | 36-88-59 | ARTICLE NUMBER(S) | 005-6121030 |
|------|--------------------------------|------------|----------|-------------------|-------------|



Optical accessories

HONEYCOMB LOUVER

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



[063-8221417F 063-8812117 002-90724] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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Optical accessories

OVAL LENS

Ø (MM)
42

ARTICLE NUMBER(S)
007-1965880



SOFT LENS

Ø (MM)
42

ARTICLE NUMBER(S)
007-1965980



WALLWASHER LENS

Ø (MM)
42

ARTICLE NUMBER(S)
007-1965780

