

# MOVE IN 45 flex round

trimless

063-8221516F 063-8812117 002-90728



|                |
|----------------|
| 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; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 9-25 mm; special mounting tool for easy installation of the trimless housing available as an accessory; 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  $\leq 2$  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 36° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. DALI-2 converter; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

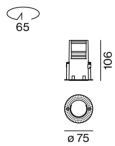
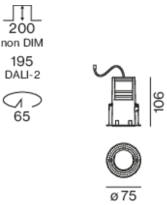
## Light distribution



flood 36°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 3900     | 0.65  |
| 2     | 980      | 1.29  |
| 3     | 430      | 1.94  |
| 4     | 240      | 2.59  |
| 5     | 160      | 3.23  |

## Product drawing



## General

|                            |
|----------------------------|
| Ceiling , Semi-Recessed    |
| tilt max 90°               |
| rotation 360°              |
| brushed aluminium          |
| Mounting set traffic white |
| IP20                       |
| 1310 lm                    |

## LED

|  |
|--|
| 3000 K   |
| CRI $\geq 90$  |
| L80 / 50000 h  |
| initial MacAdam $\leq 2$ SDCM  |
| R <sub>g</sub> : 100 , R <sub>f</sub> : 91 , R <sub>f(1-15)</sub> : 88 |
| MR 0.59  |
| MDER 0.53  |

## Optical

|                               |
|-------------------------------|
| flood                         |
| beam angle 36°                |
| PstLM $\leq 1.0$ <sup>1</sup> |
| SVM $\leq 0.4$ <sup>1</sup>   |

## Electrical

|              |
|--------------|
| DALI-2       |
| 15.9 W       |
| PC2 220-240V |
| 82 lm/W      |
| 1 DALI Addr. |

## Physical

|                |
|----------------|
| trimless       |
| diameter 75 mm |
| height 106 mm  |
| 0.36 kg        |

## Cutout

|                              |
|------------------------------|
| diameter 65 mm               |
| min. ceiling thickness 9 mm  |
| max. ceiling thickness 25 mm |
| recessed depth 195 mm        |

<sup>1</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



[063-8221516F 063-8812117 002-90728] 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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