MOVE IN 45 square

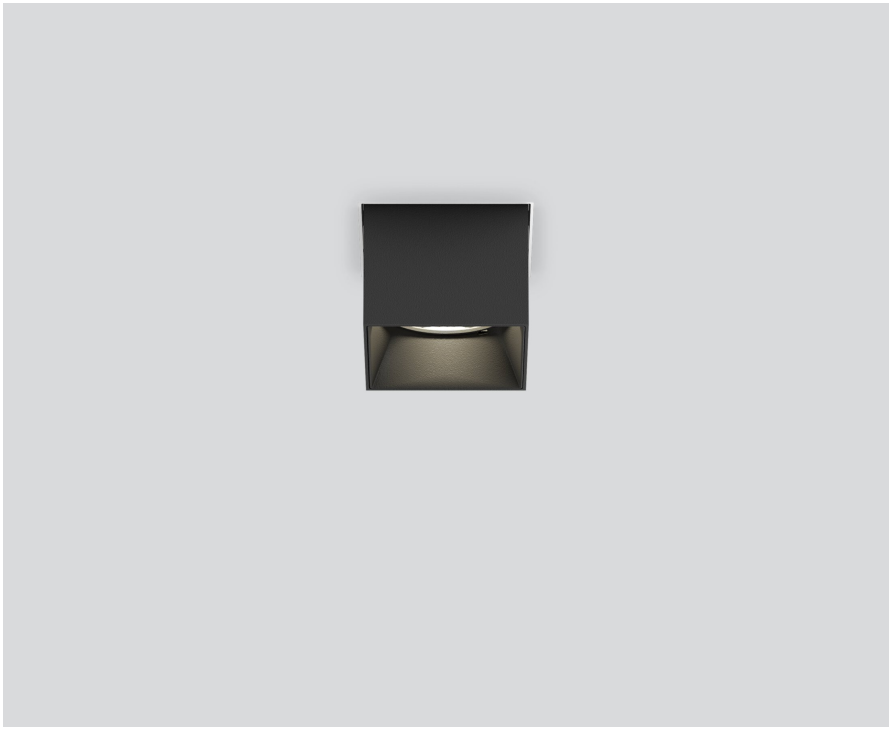
trimless

063-8421418F 063-8832117 002-90724

Project / Type

Notes

Count / Date



X-PERT | X-PERT | 220-240 V

General

Ceiling | Semi-Recessed
jet black | RAL 9005 [1]
Mounting set traffic white
IP20
1230 lm
fixture 91 lm/W [2]

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 99 | R_f: 91 | $R_{f\{1\text{-}15\}}$: 89
MR 0.53 | MDER 0.48

Optical

flood | beam angle 36°
PstLM ≤ 1.0 [3]| SVM ≤ 0.4 [3]

Electrical

non DIM
PC2 | 220-240 V
system 15.9 W | fixture 13.5 W
36 Vf | 400 mA

Physical

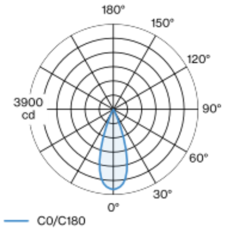
trimless
diameter 80 mm | height 105 mm
0.47 kg

Cutout

diameter 65 mm
min. ceiling thickness 9 mm | max. ceiling thickness 25 mm
recessed depth 180 mm

Square spotlight element in aluminium; surface jet black powder coated; 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; 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 36° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

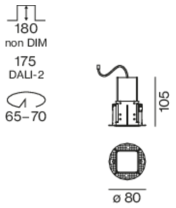
Light distribution



flood 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



[1] RAL code
[2] incl. consideration of optical losses & internal control unit losses
[3] Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

['063-8421418F 063-8832117 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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