

A contemporary square recessed LED downlight with high vertical illuminance

- High vertical illuminance brightens the room and enhances facial recognition
- High CRI (>80) for accurate colour rendering
- An efficient, low energy alternative to CFL equivalents
- Long 25,000-hour lifetime (L70, 25°C)
- 5-year warranty

Applications

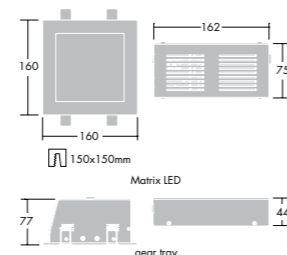
- Circulation areas
- Corridors/staircases
- Toilets
- Utility rooms

Lamp Information

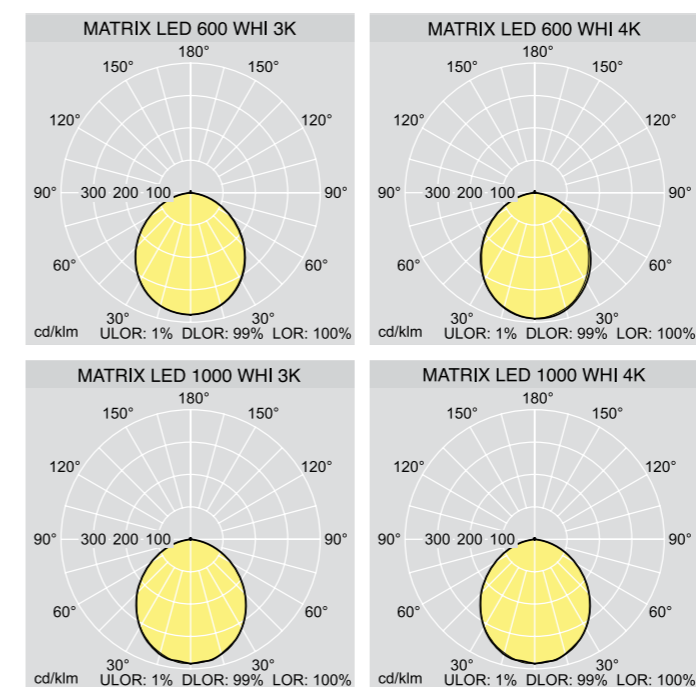
- Life time 25,000 Hours @L70 Ta 25°C
- 600-1000 lm (11-18W)
- 45-55 Llm/W
- Colour temperature 3000K and 4000K
- CRI: 80



Overview



Overview



Materials/Finish

Body: black painted steel
 Front frame: die-cast aluminium, painted white in RAL9016
 Diffuser: opal polycarbonate
 Gear box: black painted mild steel

Installation/Mounting

Ceiling recessed square downlight with spring clips for tool-free recessing; gear box pre-connected to the luminaire. Electrical connection via tool-free 2 x 5 x 2.5 mm² terminal block, CL1.

Specification

To specify state:
 A compact, ceiling recessed square downlight using 11/18W (600-1000 lm) LED light source with 3000/4000K colour temperature, a CRI >80 and a lifetime of 25,000 @ L70. As Thorn Matrix LED.

Ordering Guide

Supplied complete with LEDs and power supply

Description	Wt (kg)	SAP Code
MATRIX LED 600 HF WHI 3K	1.20	96241249
MATRIX LED 600 HF WHI 4K	1.20	96241250
MATRIX LED 1000 HF WHI 3K	1.20	96241251
MATRIX LED 1000 HF WHI 4K	1.20	96241252

HF High frequency
 3K/4K colour temperature 3000/4000K