



GRAND LIGHTING™

M20D DOWNLIGHT LED GOBO PROJECTOR

Designed to be recessed into the ceiling, the Grand Lighting M20D Downlight is perfect for a seamless look for your business.

Combining a powerful LED, high quality driver and a great optical system, makes this a downlight perfect for your permanent installation.

The high-quality optical system is the best we have seen, producing a crisp vivid gobo image. The flat field gives you a crystal-clear projection right to the edge.

The M20 Downlight is powerful enough for bright locations but can also be dimmed if required.

FEATURES

- Designed for recessed installation
- High quality optical system for sharp image quality
- Simple focusing after install
- Black or silver anodised standard options. White enamel front fascia available on request.
- Standard Medium Lens
- Passive rear fin cooling
- 22W 50,000hr LED
- Cool white LED as standard. Warm white available on request.
- 24 month warranty
- DALI control available

PHOTOMETRICS

| | M20 | | | | | | | STANDARD LENS |
|-------------------------|------|------|------|------|------|------|------|---------------|
| Projection Diameter (m) | 0.79 | 0.98 | 1.18 | 1.38 | 1.57 | 1.77 | 1.97 | |
| Luminance (lux) | 2280 | 1459 | 1013 | 744 | 570 | 450 | 365 | |
| Projection Distance (m) | 2.0 | 2.5m | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | |

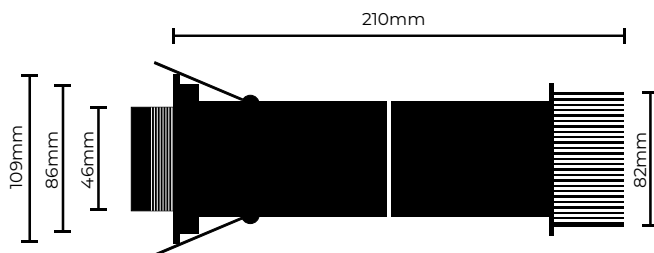
Lux values indicated are not peak values, which may be brighter. We give average lux readings taken under actual tests.

PHYSICAL DIMENSIONS

- Length (excluding lens): 210mm
- Width: 109mm
- Weight: 500g (with powersupply)

Minimum hole size for cutout is 86mm, while the coverplate is 109mm, so keep your hole size well within this.

Please refer to manual for installation instructions and clearance requirements.



Hole size 86mm minimum, cover plate 109mm

ELECTRICAL SPECIFICATIONS

- Power Supply Input Voltage: 220-240V AC
- Average Power Consumption: 22 Watts
- Australian standard 3 pin plug 240V AC
- The Grand Lighting M20D Downlight is supplied and matched with a driver meeting all Australian regulatory requirements for non IC rated commercial installations.

GOBOS

- Outside diameter: 37.5mm (+0/-0.3mm)
- Maximum image diameter: 28mm (for flat field crisp projection eg logos)
- Maximum thickness: up to 5.0mm

OPTICS

- Light Source: 22W LED Capsule
- Cool white 7000k as standard (warm white 3000k available on request)
- LED Lifetime: 50,000 hours*
* figure obtained under manufacture's test conditions

SAFETY INFORMATION

WARNING – This Luminaire is not suitable for installation in locations where thermal insulation is present, or may be reasonably expected to be installed in the future, or where this is a likelihood of other combustible material, e.g. leaves or vermin debris, etc. collecting on or around the luminaire.

It is not suitable for domestic installations or installation in residential areas of non-domestic installations (residential institutions, hotels, boarding houses, hospitals, accomodations houses, motels, hostels and the like).

Risk of Fire or overheating if the clearance distances are compromised.