



## GRAND LIGHTING™

### M33 SURFACE MOUNT IP20 LED GOBO PROJECTOR

A compact, light weight LED gobo projector with fixed lens perfect for permanent installations in well lit areas including shopping centre shop fronts or showrooms.

The high quality optical system and flat field produces a crisp vivid gobo image and crystal clear projection right to the edge.

#### FEATURES

- High quality optical system for sharp image quality
- Simple focusing after install
- Available in black
- 3 lens options available (see photometric data)  
*\*special narrow lens available on request depending on requirements*
- Passive rear fin cooling
- 33W 50,000hr LED
- Cool white LED as standard. Warm white available on request.
- 24 month warranty

## PHOTOMETRICS

	M33 STANDARD LENS						
Projection Diameter (m)	0.83	1.04	1.25	1.46	1.66	1.87	2.08
Luminance (lux)	3600	2304	1600	1176	900	711	576
Projection Distance (m)	2.0	2.5m	3.0	3.5	4.0	4.5	5.0

	M33 WIDE LENS						
Projection Diameter (m)	1.15	1.43	1.72	2.01	2.29	2.58	2.87
Luminance (lux)	1600	1075	747	549	420	332	269
Projection Distance (m)	2.0	2.5m	3.0	3.5	4.0	4.5	5.0

	M33 EXTRA WIDE LENS						
Projection Diameter (m)	1.58	1.97	2.36	2.76	3.15	3.55	3.94
Luminance (lux)	920	589	409	300	230	182	147
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.*

### ELECTRICAL SPECIFICATIONS

- Power Supply Input Voltage: 220-240V AC
- Average Power Consumption: 33 Watts
- Australian standard 3 pin plug 240V AC

### 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: 33W 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

## PHYSICAL DIMENSIONS

- Length: 256mm (including lens)  
\*pending lens choice
- Height: 236mm-256mm
- Weight: 1.5kg

