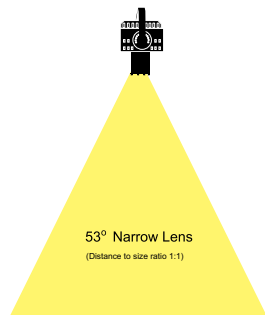# GRAND LIGHTING™

EL80 IP65 LED LINE PROJECTOR

Enhance workplace safety in factories and warehouses with the EL80 LED Line Projector.

Specifically engineered for industrial environments, this projector clearly marks safe walkways, offering a durable and highly visible alternative to traditional painted lines.
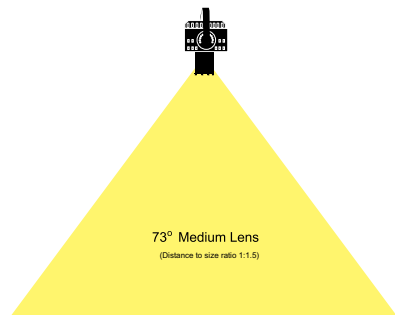
For a comprehensive safety solution, combine it with a stop sign or forklift sign projector.
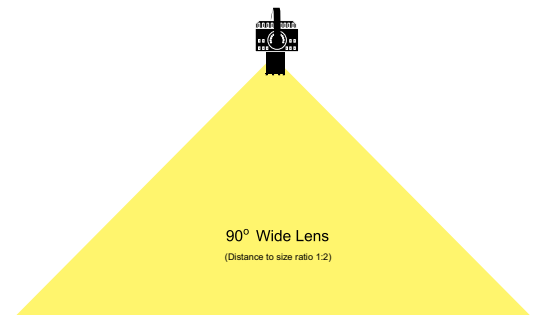
FEATURES

- IP65 rated suitable for indoor and outdoor use

- Fanless design - No moving parts or motors

- Designed for 5m to 10m (depending on ambient light levels)

- 3 lens options available

- 3 line colour options: Yellow | Green | Red

- 80mm average line thickness

53° Narrow Lens
(Distance to size ratio 1:1)

73° Medium Lens
(Distance to size ratio 1:1.5)

90° Wide Lens
(Distance to size ratio 1:2)

PHOTOMETRICS

EL80 LED Line Projector - Yellow						53° LENS
Line Length (m)	4.0	5.0	6.0	7.0	8.0	9.0	10
Luminance (lux)	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Projection Distance (m)	4.0	5.0	6.0	7.0	8.0	9.0	10

EL80 LED Line Projector - Yellow						73° LENS
Line Length (m)	5.9	7.4	8.8	10.3	11.8	13.3	14.8
Luminance (lux)	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Projection Distance (m)	4.0	5.0	6.0	7.0	8.0	9.0	10

EL80 LED Line Projector - Yellow						90° LENS
Line Length (m)	8	10	12	14	16	18	20
Luminance at Centre (lux)	1500	960	667	490	375	296	240
Luminance at 45° (lux)	1020	653	453	333	255	201	163
Projection Distance (m)	4.0	5.0	6.0	7.0	8.0	9.0	10

ELECTRICAL SPECIFICATIONS

- External power supply IP65 Meanwell HLG-80H-20A
- Supplied with Australian standard 3 pin plug 240V AC
- Power Supply Input Voltage: 100-240V AC
- Average Power Consumption: 80 Watts

OPTICS

- Light Source: 80W LED Capsule
- LED Lifetime: 50,000 hours*
  figure obtained under manufacture's test conditions

ACCESSORIES (INCLUDED)

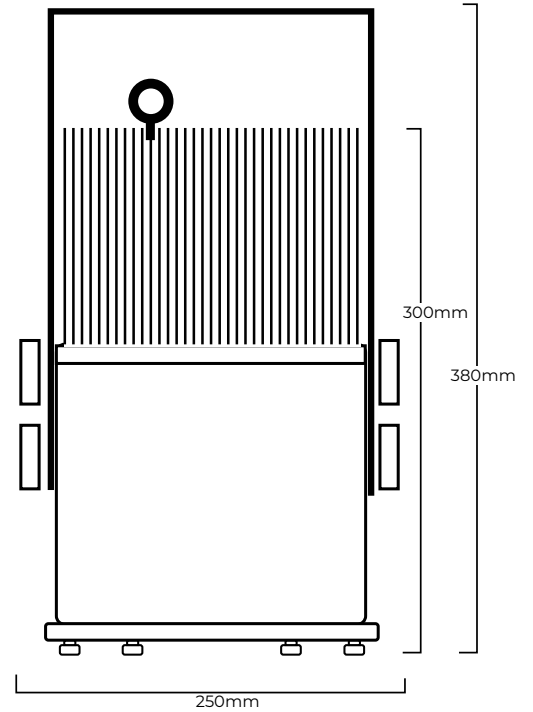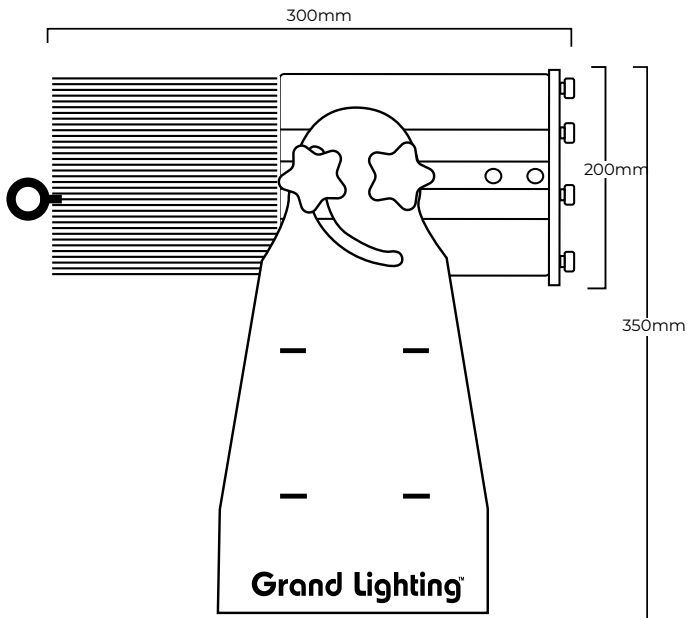MOUNTING PIVOT - used to adjust the projected line sideways.

SHUTTER: used to shorten the line on one side to achieve desired length.

PHYSICAL DIMENSIONS

- Length: 300mm
- Width: 250mm
- Body Height: 200mm
- Height (with Base): 380mm
- Weight: 4.5kg

The unit comes with one shutter blade to limit the line length where necessary. Mount the shutter on one side. It wont matter which side because the base mounting plate rotates 360deg to position as required.