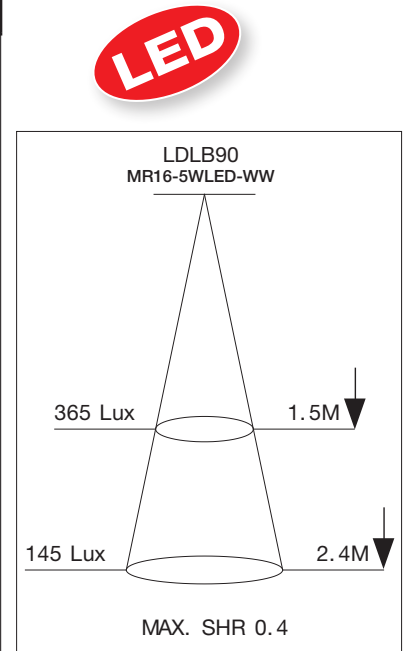


# 60min Fire Safe Downlight



## SETTING THE INDUSTRY STANDARD FOR DOWNLIGHT SAFETY

### LDLB90-FIRE60

- Supplied with White trim
- Fire rated to 60/60/60 minutes
- 5watt LED bulb comparable to 35watt halogen downlight
- Reflector bulb designed to give uniform light spread with no hot spots or demarcation lines in light beam
- Warm White 2,900k, 263 lumens, CRI (RA) 82
- Beam angle 25° degree
- Integral driver for easy installation
- Aluminium die cast face
- Both lamp and downlight have heat sink technology for effective thermal management
- Cut 90mmØ hole
- Tilttable to 40° and fully rotatable
- Japanese manufactured LED
- 5 year transformer warranty
- Moisture Transfer Classification -Closed. Sealed construction preventing moisture transfer and draughts through ceilings
- Engineered for fire safety and energy efficiency.
- Thermal cut-off and auto reset function for protection against misuse and overloading.
- Input capacitance 100 nano farads
- Cos  $\Phi$  = 0.98 (NSW 21045)
- Superlux recommend use of trailing edge dimmers.

The RED intumescent on the lower section of the downlight and product labelling identify the Superlux 60/60/60 minute fire rated downlight.

### Test Specifications

Tested by BRANZ in accordance with AS1530.4.1997, test report No. FP3288. Suitable for floor-ceiling systems Gib specification No's GBFC15, GBUC15, GBFC30, GBTP30, GBSC30, GBUC30a, GBUC30b, GBSC60, GBFC60, GBTP60 and GBUC60.

### 60/60/60 Minutes Approval

- 60 Minutes Stability: To prevent collapse of structural (primary) elements during fire.
- 60 Minutes Integrity: To prevent passage of flame or hot gases through fire separations.
- 60 Minutes Insulation: To prevent the transmission of heat to other firecells or adjacent property.

### (RW)STC Sound Transmission Class

- Acoustic ratings STC 55, 57 and 58
- For acoustic STC 55 ceilings, space 1.6m minimum
- For acoustic STC 57 and 58 ceilings, space 2.5m minimum

### Installation Notes

- For use in 60 minutes Floor Ceiling systems (also usable for 15 minutes and 30 minutes)
- Only install one fitting in each unsupported section of ceiling lining between timber framing
- Cut 90mm hole not closer than 50mm to timber
- Apply bead of **SD-MASTIC** to flange to fill hole gap

### Product Certification Warning

BRANZ Fire Test FP3288 was conducted exclusively with Superlux manufactured product.

ECG must not be installed on a circuit with inductive loads

