

sLED

Installation Instructions & Specifications Model: SL55-30-W Downlight with SL302D 300mA Driver

This data sheet contains information necessary to ensure compliance with the New Zealand Electrical Code of Practice for the Installation of Recessed Luminaires and Auxiliary Equipment. AS/NZS 60598.2.2:2001 incorporating New Zealand only Amendment A.

Insulation rating: IC-F – recessed luminaire where approved fixed building insulation material that can safely be continuously exposed to 90deg C is allowed to abut and cover the luminaire and driver.

Approved Insulation: Pink Batts, Bradford Gold, InsulPro Polyester insulation, Ecofleece, Autex Greenstuf, Earthwool, Premier insulation

Caution: Macerated paper (Insul-fluf) and other loose fill insulation as defined in NZS 4246 is not permitted to abut or cover this Luminaire or driver or be used anywhere near this downlight.

Other Insulation:

Building insulation that abuts or covers a recessed luminaire, or is part of a recessed luminaire, or is within 100 mm horizontally of a luminaire shall:

- Maintain its dimensions and structural integrity when exposed to the maximum surface temperature of the class of luminaire, being 150°C in the case of CA-135 luminaires and 90°C in the case of IC-F, IC and CA-80 luminaires;
- When intended to be in contact with IC-F, IC, CA 80 and CA 135 recessed luminaires, withstand a 30 s needle flame test carried out in accordance with AS/NZS 60695.11.5 with the flame applied to all surfaces of the sample.

LED Current: Max. 300mA
IP rating: IP44 on front side of Luminaire and IP40 on rear side

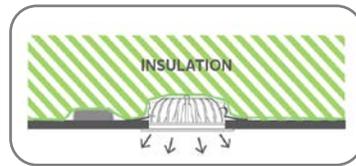
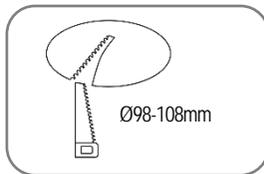
Total power (incl driver): 12 Watts Max
Input Voltage: 220V – 240V AC

Dimmer compatibility: PDL universal and trailing edge, Clipsal universal and trailing edge, HPM trailing edge, Control 4 modular dimmer, Clipsal Saturn series dimmers. **Other Dimmers:** contact Switch Lighting.

RISK OF FIRE

Required Clearance from Structural Members and building elements:

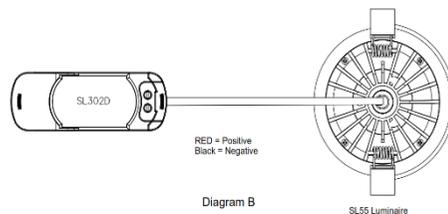
SCB = 0mm HCB = 0mm



For indoor use only $t_a=25^\circ\text{C}$ or suitable for covered outdoor – permanent use

- Installation hole diameter: 100-105mm
 - Fire resistance rating or acoustic rating: N/A
 - The light and driver may be installed under insulation
- CONNECTION (By registered electrician only)**

- Use the Switch Lighting SL302D driver only
- Connect secondary side of driver as in **Diagram B**
- Connect 230V AC side of driver
- If disconnecting LED ALWAYS TURN POWER OFF FIRST!



WARRANTY

SL55-30-W - 5 Years
Proof of purchase is required.

Imported and Distributed by:
Switch Lighting Ltd, 53C Bolt Road,
Nelson, New Zealand
+64 3 970 0755

sLED

Installation Instructions & Specifications Model: SL55-30-W Downlight with SL302D 300mA Driver

This data sheet contains information necessary to ensure compliance with the New Zealand Electrical Code of Practice for the Installation of Recessed Luminaires and Auxiliary Equipment. AS/NZS 60598.2.2:2001 incorporating New Zealand only Amendment A.

Insulation rating: IC-F – recessed luminaire where approved fixed building insulation material that can safely be continuously exposed to 90deg C is allowed to abut and cover the luminaire and driver.

Approved Insulation: Pink Batts, Bradford Gold, InsulPro Polyester insulation, Ecofleece, Autex Greenstuf, Earthwool, Premier insulation

Caution: Macerated paper (Insul-fluf) and other loose fill insulation as defined in NZS 4246 is not permitted to abut or cover this Luminaire or driver or be used anywhere near this downlight.

Other Insulation:

Building insulation that abuts or covers a recessed luminaire, or is part of a recessed luminaire, or is within 100 mm horizontally of a luminaire shall:

- Maintain its dimensions and structural integrity when exposed to the maximum surface temperature of the class of luminaire, being 150°C in the case of CA-135 luminaires and 90°C in the case of IC-F, IC and CA-80 luminaires;
- When intended to be in contact with IC-F, IC, CA 80 and CA 135 recessed luminaires, withstand a 30 s needle flame test carried out in accordance with AS/NZS 60695.11.5 with the flame applied to all surfaces of the sample.

LED Current: Max. 300mA
IP rating: IP44 on front side of Luminaire and IP40 on rear side

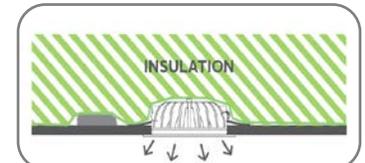
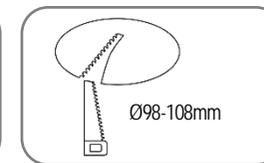
Total power (incl driver): 12 Watts Max
Input Voltage: 220V – 240V AC

Dimmer compatibility: PDL universal and trailing edge, Clipsal universal and trailing edge, HPM trailing edge, Control 4 modular dimmer, Clipsal Saturn series dimmers. **Other Dimmers:** contact Switch Lighting.

RISK OF FIRE

Required Clearance from Structural Members and building elements:

SCB = 0mm HCB = 0mm

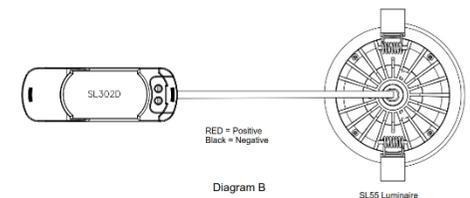


For indoor use only $t_a=25^\circ\text{C}$ or suitable for covered Outdoor – permanent use

- Installation hole diameter: 100-105mm
- Fire resistance rating or acoustic rating: N/A
- The light and driver may be installed under insulation

CONNECTION (By registered electrician only)

- Use the Switch Lighting SL302D driver only
- Connect secondary side of driver as in **Diagram B**
- Connect 230V AC side of driver
- If disconnecting LED ALWAYS TURN POWER OFF FIRST!



WARRANTY

SL55-30-W - 5 Years
Proof of purchase is required.

Imported and Distributed by:
Switch Lighting Ltd, 53C Bolt Road,
Nelson, New Zealand
+64 3 970 0755