

# NLED950 E-D series

A range of dimmable and colour selectable IP44 downlights



### APPLICATIONS

- Kitchens and washrooms
- Corridors and living areas in homes and small commercial projects

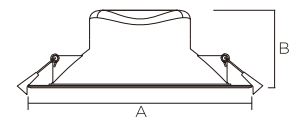
### CONSTRUCTION

- Body made from plastic coated aluminium
- Body colour: White
- Nano-coated internal reflector for maximum efficiency
- Opal diffuser
- Integrated dimmable driver
- Available in 5 sizes and wattages as listed below: 3 inch, 4 inch, 5 inch, 6 inch and 8 inch

### TECHNICAL DETAILS

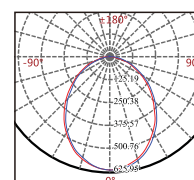
- SMD LEDs
- Presetable tri-white. With a switch at the back of the fitting, the colour temperature of the light can be adjusted to three kinds of colour temperatures:
  - 3000K - warm white, suitable for bedrooms and living areas
  - 4000K - neutral white, suitable for kitchens, corridors and stairways
  - 5700K - daylight white, suitable for offices and working areas

- Dimmable driver: Designed to be used with triac (leading edge) phase dimmers.
- Rated life: 30,000 hours
- IP44 front face: Suitable for most areas in kitchens, toilets and washrooms
- Push-fit (screwless) terminal block for fast installation
- Terminal block cover with built-in strain relief

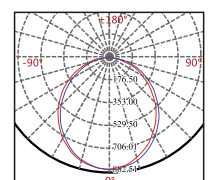


Watts	A	B	Cut-out
7W	Ø95	58	Ø68-80
9W	Ø113	59	Ø90-102
14W	Ø145	66	Ø120-130
17W	Ø174	69	Ø145-155
25W	Ø244	85	Ø195-210

Model	Colour temp.	Lumens	CRI	PF
NLED9503E-D 7W	3000K/4000K/5700K	650 lm	>80	>0.9
NLED9504E-D 9W	3000K/4000K/5700K	840 lm	>80	>0.9
NLED9505E-D 14W	3000K/4000K/5700K	1,330 lm	>80	>0.9
NLED9506E-D 17W	3000K/4000K/5700K	1,650 lm	>80	>0.9
NLED9508E-D 25W	3000K/4000K/5700K	2,450 lm	>80	>0.9



NLED9506E-D 17W



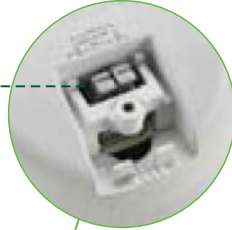
NLED9508E-D 25W

## Cost efficient & easy to install

NLED950\*E range is the first choice of downlight in any domestic residential project

### EASY TO INSTALL

The push-fit, screwless terminal block makes wiring quickly and easily and the built-in strain relief cover just has one screw.



### ONE DESIGN MEETS ALL REQUIREMENTS

- Five sizes - suitable for all sizes of room.
- Dimmable - ideal for bedrooms and living rooms.
- IP44 front face - suitable for kitchens & bathrooms.
- Colour selectable - choose 3000K for the bedroom, 4000K for the kitchen and 5700K for the study or workshop.



Integrated dimmable driver

### GREAT RETRO-FIT SOLUTION

The strong installation clips, with plastic coated ends, help to hold the fitting securely, even if the hole is a little over-sized or irregular in shape. Replacing old fittings. The wide bezel means that the cut-out can be +/- 10mm, with rough edges, and the new fitting will still fit well and look neat.

### QUALITY & RELIABILITY

The aluminium body helps dissipate the heat from the LEDs and driver, so the fitting will not overheat and fail early.

### Aluminium LED plate

Helps dissipate the heat from the LEDs.



### GREAT FOR KITCHENS & BATHROOMS

Because the body has a thick plastic coating it is completely protected from moisture - so this is a reliable, long-lasting and good looking solution for lighting in these areas.

### EFFICIENT & ENERGY SAVING

Inside the fitting there is an aluminium reflector with a nano-coated surface. This helps to make the fitting very efficient - up to 85 lumens per watt.

### GLARE-FREE LIGHTING

At the front of the fitting is a polycarbonate diffuser. This has a slight opal effect with a micro-prismatic surface. This gives a very even, well diffused light, but with very little loss, so the high efficiency is maintained.

