

NDLLED929 series

A range of slim downlights with circular and square versions



NDLLED929*



NDLLED929*R



APPLICATIONS

- Corridors
- Residential lighting
- Offices
- Shopping malls

TECHNICAL DETAILS

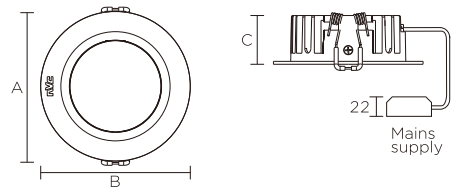
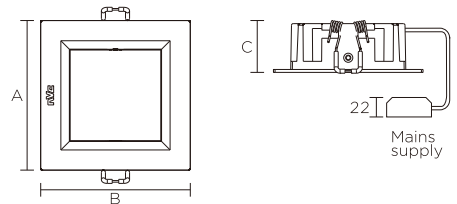
- SMD LEDs
- Available in circular and square formats (suffix R). Each format is available in five sizes. Where there is a choice of wattages in one size, to order the smaller wattage add suffix "A"
- 92mm, 4W
- 105mm, 6W
- 116mm, 6W (suffix A) & 8W
- 142mm, 12W (suffix A) & 15W
- 175mm, 15W (suffix A) & 20W
- Rated life: 30,000 hours

CONSTRUCTION

- Housing:
 - White polycarbonate bezel
 - White die-cast aluminium housing
- Supplied complete with separate constant current driver, pre-wired with 150mm of 2 x 0.75mm² flex

OPTIONS

- **Version:** Choice of square version or circular version
- **Dimming:** Fixed output as standard, but 20W, 25W and 30W product are also available for suitable phase-cutting dimmers, analogue dimming and digital dimming. If required, add suffix MD, 0-10V when and DD when ordering



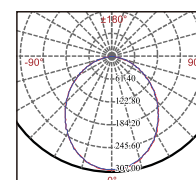
NDLLED929*R

Watts	A	B	C	Cut-out
4W	92	92	30	75x75
6W	105	105	30	90x90
6W/8W	116	116	30	100x100
12W/15W	142	142	30	125x125
15W/20W	175	175	30	150x150
20W/25W/30W	218	218	30	200x200

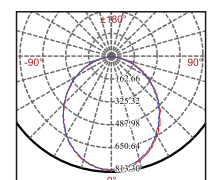
NDLLED929*

Watts	A	C	Cut-out
4W	Ø92	30	Ø75
6W	Ø105	30	Ø90
6W/8W	Ø116	30	Ø100
12W/15W	Ø142	30	Ø125
15W/20W	Ø175	30	Ø150
20W/25W/30W	Ø218	30	Ø200

Model	Colour temp.	Lumens	CRI	PF
NDLLED92925/R 4W	3000K/4000K/5700K	310 lm	>80	>0.7
NDLLED9293/R 6W	3000K/4000K/5700K	510 lm	>80	>0.7
NDLLED9294/R 8W	3000K/4000K/5700K	750 lm	>80	>0.8
NDLLED9295/R 15W	3000K/4000K/5700K	1,400 lm	>80	>0.9
NDLLED9296/R 20W	3000K/4000K/5700K	2,050 lm	>80	>0.9
NDLLED9298/R 30W	3000K/4000K/5700K	3,000 lm	>80	>0.9
NDLLED9294A/AR 6W	3000K/4000K/5700K	590 lm	>80	>0.8
NDLLED9295A/AR 12W	3000K/4000K/5700K	1,215 lm	>80	>0.9
NDLLED9296A/AR 15W	3000K/4000K/5700K	1,500 lm	>80	>0.9
NDLLED9298AS/ASR 20W	3000K/4000K/5700K	2,000 lm	>80	>0.9
NDLLED9298A/AR 25W	3000K/4000K/5700K	2,500 lm	>80	>0.9



NLED9294 8W



NLED9296 20W

Structure and details

Slim profile

Being just 30mm thick the NDLLLED929 can fit in almost any ceiling void.

30mm

Low flicker

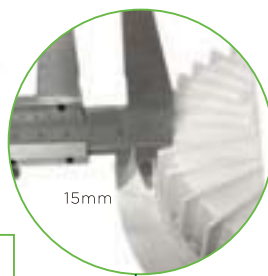
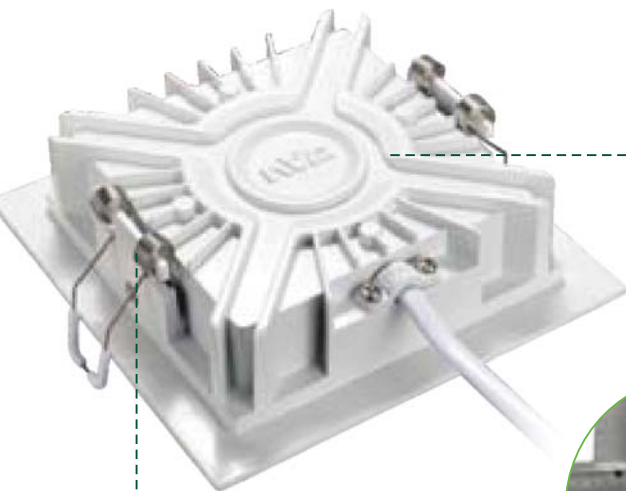
The ripple (fluctuation of the output) from the driver is less than 3.2%. This means that the flicker of the LEDs is so low that at a distance of more than 20cm no flicker is visible at all. This creates a better lit environment with less risk of sore eyes, tiredness and headaches.

High efficiency

Delivering up to 103 luminaire lumens per circuit watt, this is a highly efficient fixture, delivering more light for less power than many similar competing fittings. Its high efficiency not only lowers electricity bills, it also reduces the total load on the air conditioning system.

High quality design and materials

The heavy-duty die-cast aluminium housing with cooling fins ensures that the LEDs stay cool. That helps ensure a long life for the fitting with low rates of lumen depreciation.



15mm



Secure ceiling fixing

The strong spring clips are easy to fit to the housing and they pull the whole fitting firmly up against the ceiling. This ensures the fitting remains in exactly the right position, even if there is vibration, so the installation stays looking good for years. The plastic coating on the clips reduces the risk of damage to the ceiling.

Wide bezel

The wide bezel (15mm) means that the cut-out does not have to be very accurate, and the fitting is more likely to be an easy retro-fit solution when upgrading an existing installation.

Size	929	929A
2.5 inch	4W	/
3 inch	6W	/
4 inch	8W	6W
5 inch	15W	12W
6 inch	20W	15W
8 inch	30W	20W/25W



Wide choice of sizes and outputs

With a choice of six wattages, five sizes and two shapes this range can be used in a wide range of applications, for both new-build and retro-fit projects.