

Our LED light solutions

tick all the
boxes ...

- IC-F - cover with insulation
- IP-44 - can be used in bathrooms
- HCB/SCB = zero clearance
- 3000K or 4000K
- Ø83-86mm Cut out
- Completely sealed
- Dimmable
- Highest quality LED chip
- Large trim adapter plate
- Limited 5 year warranty
- Independently tested
- Made in New Zealand



ENERGY STAR is the global Mark of energy efficiency. It is an independent Mark administered in New Zealand by the Energy Efficiency and Conservation Authority (EECA). Only products that meet the stringent ENERGY STAR criteria may display the Mark.

For more information visit <http://www.energywise.govt.nz/>



SPECIFICATIONS

Type:	Downlight - SL111
Classification:	IC-F - Abut and cover
Dimmable:	Yes - Trailing, universal
Size:	Ø112mm x 65mm
Driver:	SL260D - included
Expected Lifetime:	50,000hrs
Total Luminaire Power:	11.5W (9.5W LED chip)
Colour Temp:	3000K and 4000K
CRI:	85
Luminaire Output:	740 Lumen (890lm @ chip)
IP Rating:	IP44
Beam Angles:	60deg and 38deg
Tilting:	No
Colour Trim:	Silver (S), White (W) or Matt White (MW)
Cutout:	Ø86 - 92mm (will fit Ø83)

How to order:

Base code - Beam° - CCT - Colour Trim
e.g. SL111-60-3K-W



specialized
lighting concepts

www.specializedlightingconcepts.co.nz

Ph: 09-273-4105



Follow QR code to webpage

Creating the right light



with New Zealand-made
LED Downlights
D-Lightz: SL111



This product has earned the ENERGY STAR Mark for energy efficiency and quality



The Environmental Choice

Why is the D-Lightz the Smartest Choice for a permanent lighting solution?



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IC-F NEW ZEALAND STANDARD

Both driver and luminaire can be covered with insulation. Insulation is uncompromised. Competing products will require the driver to be above insulation.



IP44: Can be used in bathrooms, and covered outdoor areas.

HCB/SCB = 0: Height and side clearance to building elements is zero. D-Lightz can be installed in timber ceilings and building materials can come into contact.

COMPLETELY SEALED FOR ZERO HEAT LOSS FROM HOME

Supplied with a flexible seal to ensure an airtight fit against ceiling. All surfaces of luminaire are sealed to prevent dust or insects gaining access.

COMPATIBLE WITH MOST INTERIOR AIRTIGHTNESS MEMBRANES

Known to work with Proclima membranes. Please contact us regarding specifics.

UP TO 90% ENERGY SAVINGS

11W LED down light will replace traditional down lights: 100W incandescent, 50W halogen and 23W compact fluorescent.

LESS LUMINAIRES REQUIRED

Because of the beam spread and the design of our optics, normally less fittings are required than halogen to achieve similar illumination and coverage. Lighting engineer IES files are available for download.

DIMMABLE

Capable with most universal, trailing, and C-bus dimmers.

HIGHEST QUALITY CHIP

A most stringently tested LED chip is at the core of this luminaire. That is part of the reason why we can confidently claim a 50000 hr life expectancy from this product. The parent of the chip we use has literally been running for 50,000 hours, and during this time the light output has only depreciated by 15 percent.



LM-80 - International standard for measuring the lumen depreciation of an LED. The LED in the D-Lightz has been tested to this international standard. Most LED on the market have not been tested to this standard.

TM-21 - International standard measuring expected lifetime of Light source. The LED in the D-Lightz has been tested to this standard. Very few Luminaires on the New Zealand market have a TM-21 report to back up their lifetime claims.

Our TM-21 report indicates a lifetime of 84,000 hr, even though we advertise only 50,000 hr.

CHROMATICITY STABILITY

The LED we use is extremely stable over time, and has been tested as part of the LM-80 report. Chips are graded according to MacAdam's 3-step.

HIGH CRI

Colour Rendering Index of 85. This ensures that the objects being illuminated will be close to their natural colour.

3000K COLOUR TEMPERATURE

The same colour temperature as halogen. Every D-Lightz will emit a visually identical colour, this becomes important when using multiple fittings in one room. The D-Lightz LED is graded to a higher spec than the U.S Energy Star requirements with regards to colour temperature consistency. (MacAdam's 3-step)

INDEPENDENTLY TESTED

All data quoted in our literature and on our website has been provided by independent licensed test facilities. All test results and data are verifiable, and available upon request. We believe in absolute honesty and transparency in manufacturing and in the promotion of our products.

MADE IN NEW ZEALAND

Designed for the New Zealand market by Kiwi's. Manufactured and assembled in New Zealand.

