

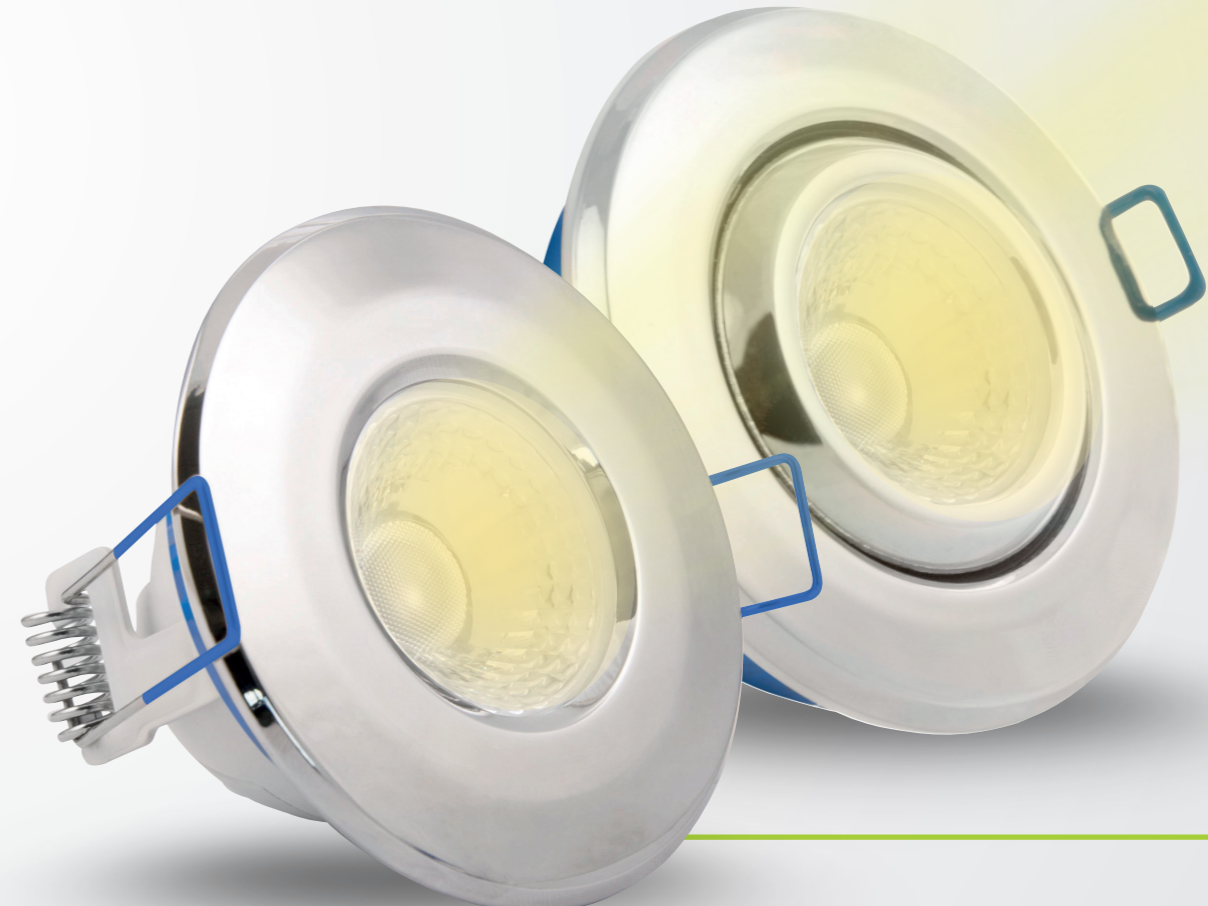
COMPACT FIRE-RATED

Dimmable LED Downlight





4000K
40° BEAM ANGLE
COOL WHITE
450LM



2700K
40° BEAM ANGLE
WARM WHITE
400LM

Inceptor Nano⁵

The Inceptor Nano⁵ range comprises two compact, fire-rated, dimmable downlights, which pack an array of features into their shallow profile. The Nano⁵ consumes less power and produces a comparable light output while reducing the size & cost.

With a highly competitive price point for the features and benefits offered, the new high-performance, 4.8W LED lighting products are designed to have mass market appeal and are suitable for a variety of uses in domestic applications.

There are two models available - Inceptor Nano⁵ Fixed and Inceptor Nano⁵ Adjustable, which allows the luminaire to be moved and directed to where the light is needed. They each feature a compact, high-powered driver which is designed to be as small as possible whilst remaining suitable for installation in a fire rated ceiling. As the smaller of the two, Inceptor Nano⁵ Fixed is designed for a 60mm cut out and will fit into a recess depth of just 45mm, while the Adjustable version is designed for a 75mm cut out, with a recess depth fitting of 54mm.

Both Inceptor Nano⁵ Fixed and Adjustable products come pre-wired to a Flow Connector, Scolmore's quick-connect system that is designed to speed up installation and allow for faster removal for testing and replacement of components. Our trademark blue strip of intumescent adds an extra barrier of protection against fire by expanding to fill the gap between the plasterboard and the light fitting. Inceptor Nano⁵ offers a 30, 60, and 90 minute fire rating, and is acoustic and airflow compliant.

Features & Benefits

- Shallow recess depth with a powerful SMD light source, paired with a 40° Multi-faceted, Halogen-effect lens for exceptional light quality.
- Newly designed, dependable and independently verified fire-rated structures, combined with trademark intumescent band ensures maximum safety in the event of a fire.
- The Nano⁵ features a high IP rating making it suitable for use in kitchens and bathrooms.

Dimmable

Fire-Rated
30 60 90
Minutes

AVERAGE
71LM/W
PART L
Compliant

Inceptor Nano⁵ Fixed

60MM
CUTOUT

IP65
FIXED



45mm

2 Year
Warranty



PRE-WIRED
flow
CONNECTOR

Inceptor Nano⁵ Adjustable

75MM
CUTOUT

IP54
ADJUSTABLE



54mm

Compact Driver

The Inceptor Nano⁵ has a custom-built, high-powered and extremely compact driver, designed to deliver maximum power in the smallest possible space.

Fire-Rated Body

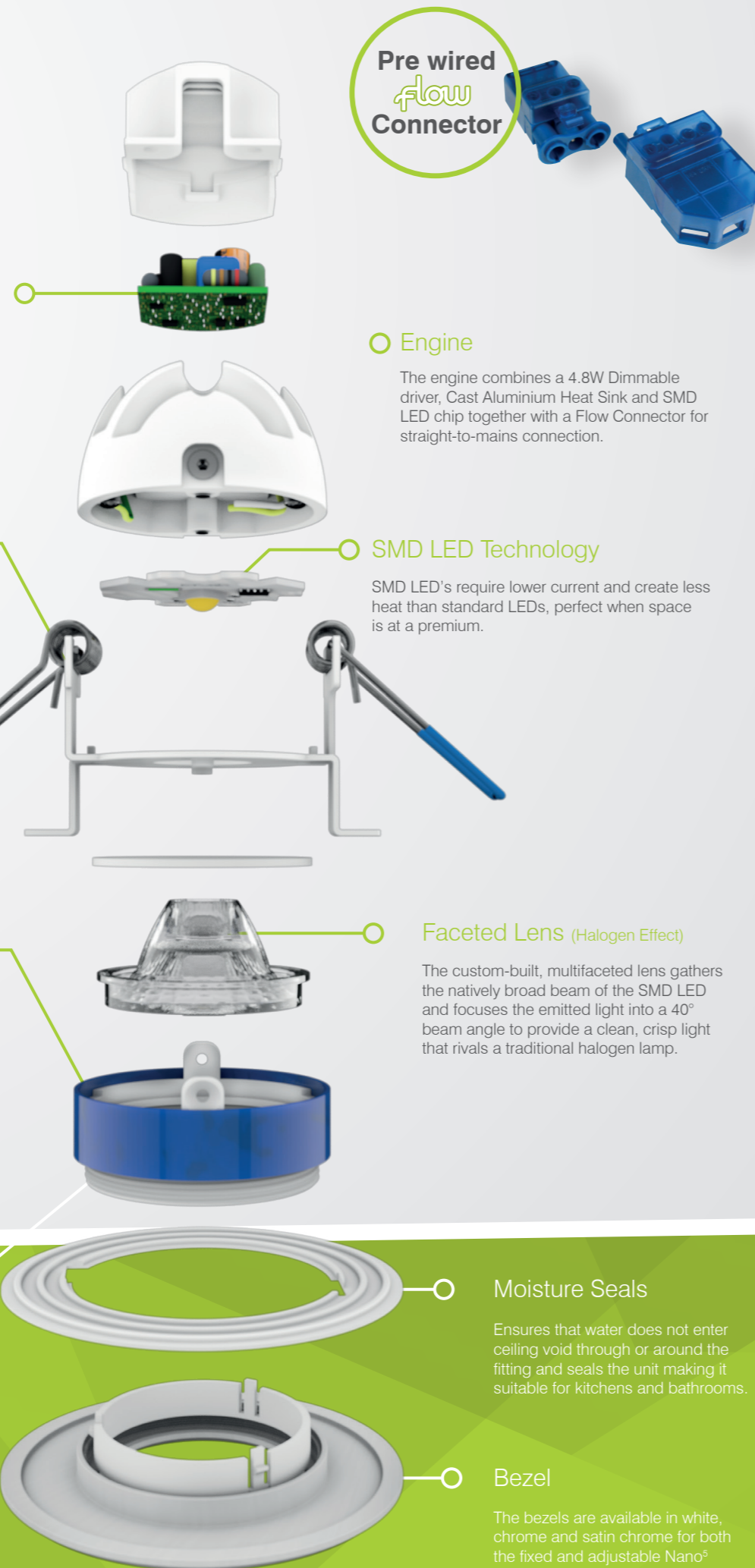
The steel body, together with the Intumescent band, provides the fittings' 30, 60 & 90 minute Fire-Ratings. The unique twin-section bracket has been optimised to provide maximum heat deflection for the lowest possible weight.

Trademark Intumescent Strip

Our trademark blue strip of intumescent adds an extra barrier of protection against fire by expanding to fill the gap between the plasterboard and light fitting.

Optics Platform

The optics platform comprises an aluminium body which holds the Lens creating a 40° beam angle.



**Pre wired
Flow
Connector**

Engine

The engine combines a 4.8W Dimmable driver, Cast Aluminium Heat Sink and SMD LED chip together with a Flow Connector for straight-to-mains connection.

SMD LED Technology

SMD LED's require lower current and create less heat than standard LEDs, perfect when space is at a premium.

Faceted Lens (Halogen Effect)

The custom-built, multifaceted lens gathers the natively broad beam of the SMD LED and focuses the emitted light into a 40° beam angle to provide a clean, crisp light that rivals a traditional halogen lamp.

Moisture Seals

Ensures that water does not enter ceiling void through or around the fitting and seals the unit making it suitable for kitchens and bathrooms.

Bezel

The bezels are available in white, chrome and satin chrome for both the fixed and adjustable Nano⁵

Product Range



Fixed Compact Fire-rated Dimmable LED Downlight

- Warm White**
LED5400WH5WD
LED5400CH5WD
LED5400SC5WD
- Cool White**
LED5400WH5CD
LED5400CH5CD
LED5400SC5CD

Adjustable Compact Fire-rated Dimmable LED Downlight

- Warm White**
LED5405WH5WD
LED5405CH5WD
LED5405SC5WD
- Cool White**
LED5405WH5CD
LED5405CH5CD
LED5405SC5CD

Technical Information	
General Information	Standard Version
Dimmable / Non Dimmable	Dimmable
LED Colour Temperatures available	2700K (Warm) 4000K (Cool)
Bezel Finishes Available	White (WH), Chrome (CH) or Satin Chrome (SC)
Material composition	Steel, Aluminium, ABS, Nylon & Polycarbonate
Cut Out	60mm Fixed 75mm Adjustable
Ceiling Thickness	5-40mm
Ceiling Void depth	45mm+, 54mm (Adjustable)
Dimensions Height (Fixed)	Height 50mm, Diameter 80mm, 30cm Fly-lead
Dimensions Height (Adjustable)	Height 54mm, Diameter 90mm, 20° Adjustable Angle, 30cm Fly-lead
Standard Warranty:	2 Years
Weight	0.208Kg (Fixed) 0.284Kg (Adjustable)
Light Output Information	
Output Wattage (approx)	3.8W
CRI	>80
LED Lifetime (L70)	25,000 hours
Total Luminous Flux	400lm 450lm
Beam Angle	40°
Total Luminous Efficacy	71 lm/W 81 lm/W
Power Factor	0.8
Driver Information	
Connection	Pre-wired Flow™ Connector
Input	220-240Vac / Rated 4.8WMAX
Output	75mA / 50V DC
Switching Cycles	20,000
Critical Temperature	80°C
Part L1 Compliancy (as of 2014)	Yes
Part L2 Compliancy (as of 2014)	Yes
Regulation Ratings	
Fire Rating	30, 60 & 90 minute
Ingress Protection Rating	IP65 zone 1 (Fixed), IP54 (Adjustable)
Acoustic Rating	0dB (zero impact on sound insulation)
Air Flow	BS 5250: 2011 compliant (0.06M³/hr)

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