Inceptor® LED Lighting
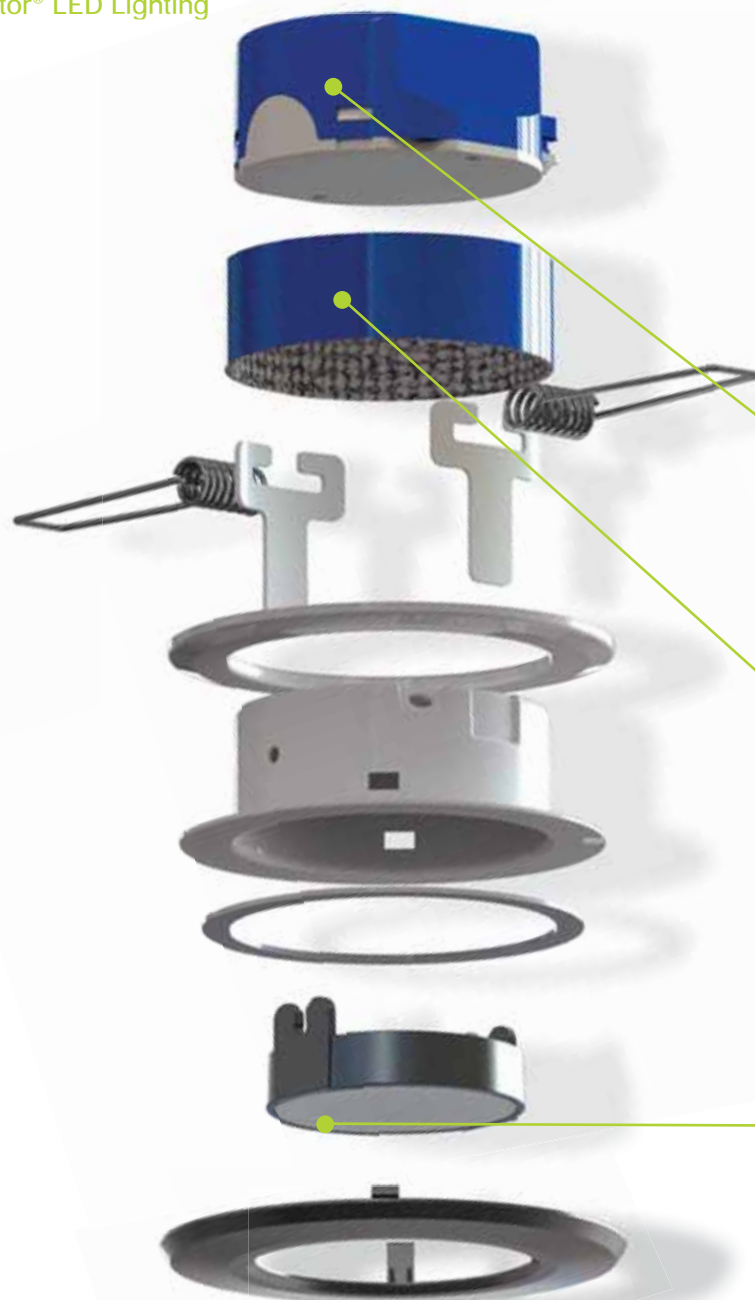
LOW PROFILE

Fits into 50mm void depth.

PRE-WIRED FLOW™ CONNECTOR

Pre-wired *flow*™ Connector - for quick connection and removal. Use with the Flow™ range of connectors, pre-wired cables and Hub (CT300).

COMPACT DRIVER

The Inceptor® Micro's high powered compact driver, is as small as a fire rated ceiling will accommodate. Another small detail, that makes a big difference when space is limited.
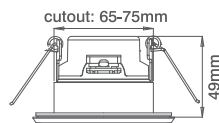
INTUMESCENT STRIP

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

SMD LED TECHNOLOGY

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

UK Patent GB2505337A

Inceptor® LED Lighting

LED

cutout: 65-75mm

49mm

IP44

Fixed Option (IP44 Rated).
Adjustable Option (IP20 Rated).

Fixed & Adjustable
Bezels Supplied.

230V 7W LED Inceptor® Micro Integrated Downlights with Fixed & Adjustable Bezel

Code	Description	Max Wattage
LED4300*7C	230V 7W LED Downlight - Warm White LED	7W
LED4300*7W	230V 7W LED Downlight - Cool White LED	7W

Includes Flow™ connector, moisture seal & driver.

LED's are integrated and non-replaceable
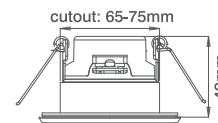
Available Finishes (*)

LED Colour Options

W — Warm White   C — Cool White

Integrated
flow™
Connector

WH
White

SC
Satin Chrome

CH
Chrome

Please add required finish in to the code e.g. **LED4300CH7C.**

Product Approvals
Complies with BS 5250: 2002 | BS EN ISO 140-3: 1995 | BS EN ISO 140-6: 1998
BS 476: Part 22: 1987 | EN 1365-2: 2000 | BS 476-21:1987
Part L Energy Efficiency | Part B Fire-Safety | Part C Moisture
Part E Resistance to Sound & Passage of air | Part P Electrical Safety

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Inceptor® LED Lighting

Dimmable   LED

cutout: 65-75mm

49mm

IP44

Fixed Option (IP44 Rated).
Adjustable Option (IP20 Rated).

Fixed & Adjustable
Bezels Supplied.

230V 7.5W LED Inceptor® Micro Integrated Dimmable Downlights with Fixed & Adjustable Bezel

Code	Description	Max Wattage
LED4300*7CD	230V 7.5W LED Dimmable Downlight - Warm White LED	7.5W
LED4300*7WD	230V 7.5W LED Dimmable Downlight - Cool White LED	7.5W

Includes Flow™ connector, moisture seal & driver.

LED's are integrated and non-replaceable

Available Finishes (*)

LED Colour Options

W — Warm White   C — Cool White

Integrated
flow™
Connector

WH
White

SC
Satin Chrome

CH
Chrome

Please add required finish in to the code e.g. **LED4300CH7CD.**

Product Approvals
Complies with BS 5250: 2002 | BS EN ISO 140-3: 1995 | BS EN ISO 140-6: 1998
BS 476: Part 22: 1987 | EN 1365-2: 2000 | BS 476-21:1987
Part L Energy Efficiency | Part B Fire-Safety | Part C Moisture
Part E Resistance to Sound & Passage of air | Part P Electrical Safety

Inceptor® LED Lighting

General Information				
Dimmable/Non-Dimmable	**Non-Dimmable**		**Dimmable**	
LED Colour Temperatures available	2700K (Warm)	4000K (Cool)	2700K (Warm)	4000K (Cool)
Finish Colours Available	White, Chrome & Satin Chrome			
Material composition	Steel, Aluminium, ABS, Nylon & Polycarbonate			
Cut-Out	65-75mm			
Ceiling Thickness	5-40mm			
Ceiling Void depth	50mm+			
Dimensions	Height: 55mm, Diameter: 87mm (front)			
Warranty	Registered: **7 Years** Domestic. Unregistered 1 Year			
Weight	0.266Kg		0.266Kg	

Light Output Information		
Adjustable Angle	25°	
Beam Angle	35°	35°
CRI	80	80
LED Lifetime (L70)	30,000 hours	30,000 hours
Luminous Flux	**WW:** 400lm **CW:** 420lm (lumens)	**WW:** 400lm **CW:** 420lm (lumens)
Output Wattage	7W	7.5W
Luminous Efficacy	60lm/W	55lm/W
Power Factor	0.9	0.85

Driver Information		
Connection	Integrated Flow™ Connector	
Input	200-240V / 7W max (non-dimmable) 7.5W max (dimmable)	
Output	Driver Output Current: 150mA – Output Voltage: 36V	
Critical Temperature	70°C	
Part L1 Compliancy (as of 2012)	Yes	Yes
Part L2 Compliancy (as of 2012)	Yes	Yes

Regulation Ratings	
Fire Rating	30, 60 & 90 minute
Ingress Protection	IP44 (with fixed bezel) / IP20 (with adjustable bezel)
Acoustic Rating	0dB (zero impact on sound insulation)
Air Flow	BS 5250: 2002 compliant

Other Information	
Halogen content	Completely Halogen-free

- Acoustic tested to BS EN ISO 140-3: 1995 & BS EN ISO 140-6: 1998 in accordance with Robust Details requirements.
- Air-flow tested to BS 5250: 2002
- Fire rated in accordance with EN 1365-2: 2000, BS 476: Part 21: 1987

Inceptor® LED Lighting

Features

- Flow™ Connector
- FlameGuard®; Proven Fire-Rated technology
- Choice of Fixed and Adjustable Bezels included
- Compact, Integrated Driver
- 60 Lm/W Luminous Efficacy (55Lm/W for dimmable)
- 35° Beam Angle
- 30,000 hour LED lifetime
- 7 Years guaranteed once registered (domestic installations only)

Benefits

- Flow™ Connector for quick and convenient wiring
- FlameGuard® technology for maintained protection in 30, 60 and 90 minute Fire-Rated ceilings
- Compact size; product will fit into a 50mm void depth
- Part L compliant
- 35° Beam angle with a neat and even spread of light
- Option of fixed or adjustable bezel supplied as standard

Wholesaler:

- No need to stock two types of product; one product provides both adjustable and fixed options.

End-User:

- Flexibility to switch between bezels if requirements change

ONE FITTING, TWO OPTIONS

Fixed Option (IP44 Rated)

Adjustable Option (IP20 Rated)

PRODUCT WARRANTY

The Inceptor® Micro downlights are covered by a 7 year warranty for domestic applications. Only valid once registered online by the end user at www.scolmore.com.

FLOW™ CONNECTORS

Inceptor® downlights come with both male & female Flow™ connectors.