

*inceptor*<sup>®</sup>



## INTEGRATED LED DOWNLIGHTS

FIRE & ACOUSTIC RATED

**Scolmore**<sup>®</sup>  
GROUP

**inceptor®**

**Inceptor** is a fire-rated, integrated LED downlight with pre-wired driver and flow connector. It combines a number of key features which we believe sets it apart from competitor products. Unique to Inceptor Max is the innovative flexi-driver element which means it can be fitted in to a **recess depth of just 60mm** - making it one of the most flexible fittings currently available.

**inceptor<sup>®</sup>  
max**



Inceptor Max  
Fixed Downlight

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max**



Inceptor Max  
Adjustable Downlight

**inceptor<sup>®</sup>  
micro**



Inceptor Micro Fixed &  
Adjustable Downlight

500lm 550lm  
WARM WHITE COOL WHITE

500lm 550lm  
WARM WHITE COOL WHITE

400lm 420lm  
WARM WHITE COOL WHITE

Fixed



Adjustable



Emergency Version



Dimmable



Wattage

8W  
NON-DIMMABLE

8.5W  
DIMMABLE

8W  
NON-DIMMABLE

8.5W  
DIMMABLE

7W  
NON-DIMMABLE

7.5W  
DIMMABLE

IP Rated

IP65

IP65

IP44  
FIXED BEZEL

IP20  
ADJUSTABLE BEZEL

Warranty

10 years  
(Domestic)

5 years  
(Commercial)

10 years  
(Domestic)

5 years  
(Commercial)

7 years  
(Domestic)



## The Inceptor range of downlights are perfect for all types of installation

Inceptor is a fire-rated, integrated LED downlight with pre-wired driver and flow connector. It combines a number of key features which we believe sets it apart from competitor products. Unique to Inceptor Max is the innovative flexi-driver element which means it can be fitted in to a recess depth of just 60mm - making it one of the most flexible fittings currently available.

The Flexible Driver Mount which connects the driver to the LED assembly allows the product to be mounted in two configurations - open and closed. The product will come packaged in the closed configuration for standard installation into a ceiling void with a depth of 90mm or more. However, for installations that have shallower ceiling voids (60-90mm) the user can unclip and pivot the driver so that it lays flat beside the LED (the open configuration). This means that the driver remains without strain on any electrical connections even when it is positioned remotely.

Scolmore has also integrated its popular Flow Connectors into the product, which will make the product quick and easy to install as well as to remove and replace for the purpose of circuit testing.

Inceptor incorporates our award-winning FlameGuard® system technology, offers a 90-minute fire rating and is acoustic and airflow compliant. It is available in dimmable and non-dimmable options, both packing a lot of power into a very compact design and offering Part L Compliance. The product utilises a SMD LED, boasts up to a 550 lumen output, an even spread of light - with a 35° beam angle - and a LED lifetime of up to 80,000 hours.

Also unique to Inceptor is the QR (Quick Response) code carried on the product itself, which allows for the technical specification sheets to be downloaded via a smart phone to facilitate the installation and inspection.

## Fire Rated

**30**  
minutes

600mm joist centres  
Single layer 12.5mm plasterboard

**60**  
minutes

600mm joist centres  
Double layer 15.0mm plasterboard

**90**  
minutes

450mm joist centres  
Double layer 15.0mm plasterboard

Complies with Part B, P, E, C, L

- Acoustic tested to BS EN ISO 140-3: 1995 & BS EN ISO 140-6: 1998 in accordance with Robust
- Air-flow tested to BS 5252: 2002.
- Fire rated following BS 476: Part 22: 1987

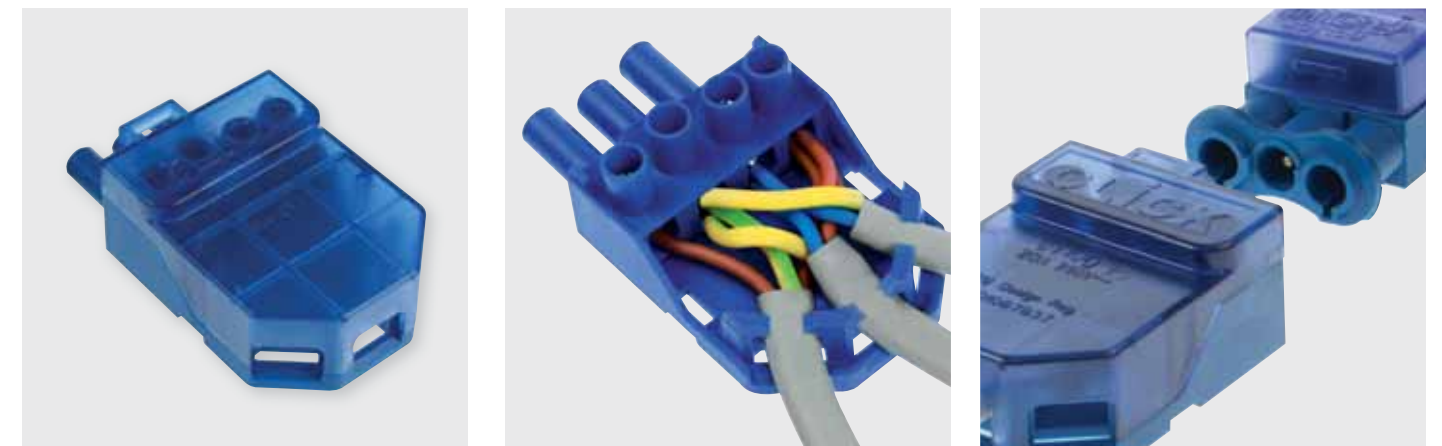


## Squeezes into tight spots

Inceptor Max and Micro both fit into shallow ceiling voids - making them the perfect choice!

## Easy Connections with Flow

Inceptor downlights come with both male & female Flow connectors.



## Extended Product Warranties



**inceptor**  
*micro*

The Inceptor Micro downlights are covered by a 7 year (domestic only) warranty. Only valid once registered online by the end user at [www.scolmore.com](http://www.scolmore.com)



**inceptor**

The Inceptor Max range of downlights are covered by a 10 year warranty.\* Only valid once registered online at [www.scolmore.com](http://www.scolmore.com)

\*Only available for domestic use. A 5 year commercial warranty is also available at the above address.



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A CLOSER LOOK...

#### Integrated **flow** Connector

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

#### Flexible Driver mount

Allows the driver to be "flipped" over which allows the product to be fitted into a shallower ceiling void. There is an additional benefit to this ability... For those who have concerns about using the product in particularly warm environments; having the product fitted in its standard orientation (driver on top) heat from the LED could contribute to the temperature of the driver and in particularly warm installations this may lead to decreased driver life. However, if you flip the driver over so it's mounted beside the product, the heat that rises up from the LED's no longer rises to heat the driver, therefore protecting the life of the driver.

#### 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.

#### Adjustable Cast Zinc Bezel

Cast Zinc for a professional appearance and plated or painted in our most popular colours: White, Chrome & Satin Chrome.

#### Flexi-Driver

Fits Into **60mm**  
deep minimum void



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**ADJUSTABLE INTEGRATED LED DOWNLIGHT**  
**IP65 FIRE & ACOUSTIC RATED WITH FLEXI-DRIVER**

#### Benefits

- Straight to mains
- One quick, easy connection
- Part-L1 & Part L2 compliance
- Easy install into shallow ceiling void
- Added Fire-Protection
- To suit any installation
- Neat and even spread of light
- Fits 74-80mm cut-out
- No Earth required
- Cost saving against traditional lamps
- Building Regulations Compliant
- 5 & 10 year guarantee (extended)
- Part B, P, E, C, L compliant

Granted UK Patent GB2510717B.

#### Features

- 550lm output (4000K)
- Up to 70 lm/W
- Integrated LED driver
- Flow™ connector
- High efficiency
- Flexi-driver mount
- Intumescent collar (FlameGuard)
- Adjustable IP64 Rated
- 35° beam angle
- Adaptable cut-out
- Double insulated
- Low-energy
- Fire, air-flow and acoustic rated
- Solid, cast zinc bezels
- IP64





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## INTEGRATED LED DOWNLIGHT

IP65 FIRE & ACOUSTIC RATED WITH FLEXI-DRIVER

### Features

- 550lm output (4000K)
- Up to 70 lm/W
- Integrated LED driver
- Flow™ connector
- High efficiency
- Flexi-driver mount
- Intumescent collar (FlameGuard)
- IP65
- Various finishes
- 35° beam angle
- Adaptable cut-out
- Double insulated
- Low-energy
- Fire, air-flow and acoustic rated
- Solid, cast zinc bezels

### Benefits

- Straight to mains
- One quick, easy connection
- Part L1 & Part L2 compliance
- Easy install into shallow ceiling void
- Added fire-protection
- Suitable for bathrooms / wet-rooms
- To suit any installation
- Fits 61-71mm cut-out
- No Earth required
- Cost saving against traditional lamps
- Complies with current building regulations & robust details
- 5 & 10 year guarantee (extended)
- Part B, P, E, C, L compliant



#### Integrated **flow** Connector

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

#### Flexible Driver mount

Allows the driver to be "flipped" over which allows the product to be fitted into a shallower ceiling void. There is an additional benefit to this ability... For those who have concerns about using the product in particularly warm environments; having the product fitted in its standard orientation (driver on top) heat from the LED could contribute to the temperature of the driver and in particularly warm installations this may lead to decreased driver life. However, if you flip the driver over so it's mounted beside the product, the heat that rises up from the LED's no longer rises to heat the driver, therefore protecting the life of the driver.

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#### Flexi-Driver

Fits Into **60mm**  
deep minimum void



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THE GOOD BITS....

#### Low Profile

Fits Into  
50mm  
void depth

#### Pre-wired **flow** Connector

Pre-wired **flow** Connector - For quick connection and removal. Use with the Click 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.

### ONE FITTING, TWO OPTIONS

Each Inceptor Micro comes with both fixed and adjustable bezels.



**inceptor**  
micro

**INTEGRATED LED DOWNLIGHT**  
ADJUSTABLE & FIXED BEZEL - FIRE & ACOUSTIC RATED

### 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 (domestic installations only)
- IP44 (with fixed bezel) / IP20 (with adjustable bezel)

### 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

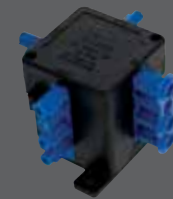
flow

# The Flow system...

Works perfectly together with **Inceptor** and makes wiring a lighting circuit easy, using a combination of connectors, hubs & management boxes.

CT300

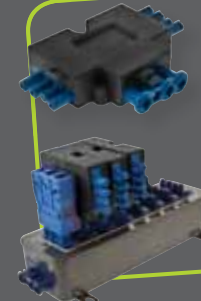
4 pin (1 in, 3 out) flow hub junction box.



CT350

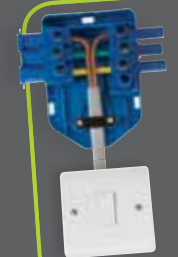
4 pin (1 in 2 out) Flow junction box.

Ideal for use with CT1008, turn 9 ways in to 18.

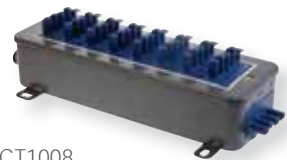


CT1300

Easily add a switched live into a Click Flow circuit.



CT1008



## Switch Supply

Suitable for use with:

- P.I.R.s
- Suitable for use with dimmers
- EMT (Emergency Test)

CT1008

With the CT1008 you can connect up to 8 lights (16 using the CT350), or you can connect another CT1008 to the output at the end.

## Other Options:

- EMT (Emergency Test)

CT1016



CT1016

Use the CT1016 to take control of up to 16 lights (24 using the CT350), with three different switching configurations.  
Example above: 2 way switching

## Other Options:

- P.I.R.s
- Suitable for use with dimmers



# Technical Specifications



General Information					MAX						MAX ADJUSTABLE					MICRO				
Dimmable/Non-Dimmable	Non-Dimmable		Dimmable			Dimmable			Non-Dimmable		Dimmable									
LED Colour Temperatures available	2700K (Warm)	4000K (Cool)	2700K (Warm)	4000K (Cool)		2700K (Warm)	4000K (Cool)	2700K (Warm)	4000K (Cool)	2700K (Warm)	4000K (Cool)									
Finish Colours Available	White, Chrome & Satin Chrome					White, Chrome & Satin Chrome			White, Chrome & Satin Chrome											
Material Composition	Steel, Aluminium, ABS, Nylon & Polycarbonate					Steel, Aluminium, ABS, Nylon, Zinc & Polycarbonate			Steel, Aluminium, ABS, Nylon & Polycarbonate											
Cut-Out	61-71mm					74-80mm			65-75mm											
Ceiling Thickness	5-36mm					5-36mm			5-40mm											
Ceiling Void depth	61mm+					61mm+			50mm+											
Dimensions	Height (closed) 95mm (open) 60mm, diameter 82mm, length 174mm (closed)					Height (closed) 95mm (open) 60mm, diameter 90mm, length 174mm (closed)			Height: 55mm, Diameter: 87mm (front)											
Warranty	Registered: <b>10 Years</b> Domestic – <b>5 Years</b> Commercial. Unregistered 1 Year					Registered: <b>10 Years</b> Domestic – <b>5 Years</b> Commercial. Unregistered 1 Year			Registered: <b>7 Years</b> Domestic. Unregistered 1 Year											
Weight	0.34Kg		0.34Kg			0.35Kg			0.266Kg		0.266Kg									
Light Output Information																				
Adjustable Angle	N/A					15°			25°											
Beam Angle	35°		35°			35°			35°		35°									
CRI	80		80			80			80		80									
LED Lifetime (L70)	84,000 hours		84,000 hours			84,000 hours			30,000 hours		30,000 hours									
Luminous Flux	500lm (lumens)	550lm (lumens)	500lm (lumens)	550lm (lumens)		500lm (lumens)	550lm (lumens)	WW: 400lm CW: 420lm (lumens)		WW: 400lm CW: 420lm (lumens)										
Output Wattage	8W		8.5W			8.5W			7W		7.5W									
Luminous Efficacy	65 lm/W	70 lm/W	60 lm/W	65 lm/W		60 lm/W	65 lm/W	60lm/W		55lm/W										
Power Factor	0.9		0.85			0.85			0.9		0.85									
Driver Information																				
Connection	Integrated Flow® Connector					Integrated Flow® Connector			Integrated Flow® Connector											
Input	200-240V / 8W max (non-dimmable) 8.5W max (dimmable)					220-240Vac / Rated 8.5W			200-240V / 7W max (non-dimmable) 7.5W max (dimmable)											
Output	180mA / 37V					180mA / 37V			Driver Output Current: 150mA – Output Voltage: 36V											
Critical Temperature	70°C					70°C			70°C											
Part L1 Compliancy (as of 2014)	Yes		Yes			Yes			Yes		Yes									
Part L2 Compliancy (as of 2014)	Yes		Yes			Yes			Yes		Yes									
Regulation Ratings																				
Fire Rating	30, 60 & 90 minute					30, 60 & 90 minute			30, 60 & 90 minute											
Ingress Protection	IP65 (Zone 1)					IP64			IP44 (with fixed bezel) / IP20 (with adjustable bezel)											
Acoustic Rating	0dB (zero impact on sound insulation)					0dB (zero impact on sound insulation)			0dB (zero impact on sound insulation)											
Air Flow	BS 5250: 2011 compliant					BS 5250: 2011 compliant			BS 5250: 2002 compliant											



The full range:

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**inceptor**<sup>®</sup>  
**max**

Inceptor Max Adjustable IP64 Fixed Downlight, Fire & Acoustic Rated Pre-Wired with Dimmable Driver & Flow Connector		
LED4505CH8WD	240V 8.5W Integrated Dimmable LED - Warm White	Chrome Bezel
LED4505SC8WD	240V 8.5W Integrated Dimmable LED - Warm White	Satin Chrome Bezel
LED4505WH8WD	240V 8.5W Integrated Dimmable LED - Warm White	White Bezel
LED4505CH8CD	240V 8.5W Integrated Dimmable LED - Cool White	Chrome Bezel
LED4505SC8CD	240V 8.5W Integrated Dimmable LED - Cool White	Satin Chrome Bezel
LED4505WH8CD	240V 8.5W Integrated Dimmable LED - Cool White	White Bezel



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Inceptor Max IP65 Fixed Downlight, Fire & Acoustic Rated Pre-Wired with Driver (non-dimmable) & Flow Connector		
LED4500CH8W	240V 8W Integrated LED - Warm White	Chrome Bezel
LED4500SC8W	240V 8W Integrated LED - Warm White	Satin Chrome Bezel
LED4500WH8W	240V 8W Integrated LED - Warm White	White Bezel
LED4500CH8C	240V 8W Integrated LED - Cool White	Chrome Bezel
LED4500SC8C	240V 8W Integrated LED - Cool White	Satin Chrome Bezel
LED4500WH8C	240V 8W Integrated LED - Cool White	White Bezel
Inceptor Max IP65 Fixed Downlight, Fire & Acoustic Rated Pre-Wired with Dimmable Driver & Flow Connector		
LED4500CH8WD	240V 8.5W Integrated Dimmable LED - Warm White	Chrome Bezel
LED4500SC8WD	240V 8.5W Integrated Dimmable LED - Warm White	Satin Chrome Bezel
LED4500WH8WD	240V 8.5W Integrated Dimmable LED - Warm White	White Bezel
LED4500CH8CD	240V 8.5W Integrated Dimmable LED - Cool White	Chrome Bezel
LED4500SC8CD	240V 8.5W Integrated Dimmable LED - Cool White	Satin Chrome Bezel
LED4500WH8CD	240V 8.5W Integrated Dimmable LED - Cool White	White Bezel



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**micro**

Inceptor Micro Downlight, Fire & Acoustic Rated Pre-Wired with Driver (non-dimmable) and Flow Connector		
LED4300CH7W	7W Integrated LED - Warm White	Chrome Bezel
LED4300SC7W	7W Integrated LED - Warm White	Satin Chrome Bezel
LED4300WH7W	7W Integrated LED - Warm White	White Bezel
LED4300CH7C	7W Integrated LED - Cool White	Chrome Bezel
LED4300SC7C	7W Integrated LED - Cool White	Satin Chrome Bezel
LED4300WH7C	7W Integrated LED - Cool White	White Bezel

Inceptor Micro Downlight, Fire & Acoustic Rated Pre-Wired with Dimmable Driver and Flow Connector		
LED4300CH7WD	7.5W Integrated Dimmable LED - Warm White	Chrome Bezel
LED4300SC7WD	7.5W Integrated Dimmable LED - Warm White	Satin Chrome Bezel
LED4300WH7WD	7.5W Integrated Dimmable LED - Warm White	White Bezel
LED4300CH7CD	7.5W Integrated Dimmable LED - Cool White	Chrome Bezel
LED4300SC7CD	7.5W Integrated Dimmable LED - Cool White	Satin Chrome Bezel
LED4300WH7CD	7.5W Integrated Dimmable LED - Cool White	White Bezel



Converter Plate 130mm Diameter(for ceiling cut outs up to 120mm)

Inceptor Adapter Plates		
SP4120WH	White Bezel	
SP4120CH	Chrome Bezel	
SP4120SC	Satin Chrome Bezel	



United Kingdom

**Scolmore**  
GROUP

Scolmore Park, Landsberg,  
Lichfield Road Industrial Estate,  
Tamworth, Staffordshire  
B79 7XB United Kingdom

T: +44 (0)1827 63454  
F: +44 (0)1827 63362  
E: [sales@scolmore.com](mailto:sales@scolmore.com)

[www.scolmore.com](http://www.scolmore.com)

Southern Ireland

**CLICK** Litehouse

18 Corrig Road,  
Sandyford,  
Dublin 18,  
Ireland

T: +353 (1) 2811 122  
F: +353 (1) 2811 224  
E: [sales@clicklighthouse.ie](mailto:sales@clicklighthouse.ie)

[www.clicklighthouse.ie](http://www.clicklighthouse.ie)