



LED Cabinet Lighting +





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LED LIGHTING

Features

LED Lighting is an extremely effective design tool which can be used to transform and enhance a space.

Stefano Orlati lighting options offer both functional and decorative applications – With its key roles being Task & Mood Lighting

There are so many clever ways to incorporate LED lighting into an interior scheme. In the Kitchen the addition of under-cabinet lighting can enhance & open up a space. In the bathroom practical lighting can be incorporated such as ensuring the mirror is well lit or using a Dimmer to control the brightness and mood of the space. Using strip lights or downlights in an open shelf or an entertainment unit is a great accent lighting option which can elevate & highlight the space.

LED Lighting is safe, environmentally friendly & contains no toxic mercury. It uses approx 85% less energy than halogen or incandescent lights.

Benefits

- Energy Efficient
- Low Maintenance
- Contains no mercury or lead
- Emit no UV Rays or infrared radiation
- Achieves full brightness in microseconds
- Operates at a much cooler temperature making them safer than incandescent lights
- Environmentally friendly – cuts greenhouse gas emissions and reduces landfill
- Lifetime of approx 30,000 to 60,000 or more hours depending on the type of LED Light



Lighting Product Warranty

All Decorum Designs lighting products offer you the warranties extended to you under consumer protection legislation. Our warranty is for one year from the date of purchase. The warranty is void if the lighting products are used with a transformer sourced from another supplier.

FREQUENTLY ASKED QUESTIONS

Why LED's?

LED Lighting uses 85% less electricity than typical incandescent and fluorescent light sources. LED's provide us with the most efficient way to save energy and conserve our natural resources. The light produced from an LED is an even spectrum and can last beyond 10 years (30,000 – 60,000 hours or more).

What does LED mean simply?

LED = Light emitting diode, which are "solid-state lighting" components. Each individual LED consists of a semiconductor diode that emits light when a voltage is applied to it.

Does turning LED lights on and off reduce lifetime?

No. Unlike incandescent and fluorescent lighting which will fail sooner when switched on or off more often, LED lighting is unaffected by how often it is switched on or off.

Do LED lights produce UV and/or IR emissions or contain Mercury?

No. LED Lighting Products typically produce virtually no light in the Ultraviolet (UV) or Infrared (IR) spectrums. LED bulbs do not contain mercury. They can actually be recycled as they do not contain hazardous substances and are manufactured without hazardous substances.

Can LED lights be dimmed?

Yes, most of our range of LED lights can be dimmed – refer to the dimmer controller on page 27.

Do the LED Diodes need to be replaced?

An LED diode does not "burn out" like a conventional lamp, so individual diodes do not need to be replaced.

Do LED's overheat?

LED's consume significantly less energy and operate at lower temperatures than typical incandescent bulbs. Most of the energy emitted from an incandescent bulb is converted into heat instead of light which is why you'll burn yourself if you try to touch it once it's turned on. In many cases you can actually feel the temperature difference just by being near the light.

The beam of light source from an LED is cool however waste heat is produced within the LED itself during the conversion of electricity into light.

The waste heat must be properly removed from the light to maximize fixture performance and to avoid damage to the LED's. This is why all LED Strip light options are recommended to be used in conjunction with an LED Profile.





The LED Profiles are well designed lighting fixtures which act as heat sinks to draw heat away from the LED's and dissipate into the air surrounding the profile thus prolonging the life of the LED chips.




Is LED a different type of light?

Yes. LED Light is said to be a safer, healthier light. Because LED's do not produce any form of ultraviolet radiation which causes colour fading in art & fabric such as carpet fading etc. With LED Lights there is no buzzing or flickering.



LED SYMBOL GUIDE

 MTM	Made to Measure
 DIY	Do It Yourself
 DIM	Dimmer Control
 PROFILE	LED Profile

 DOOR	Door Motion Sensor
 HAND	Hand Motion Sensor
 PIR	PIR Motion Sensor

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LED DOWNLIGHTS >

IMPERIA DOWNLIGHT

A stunning bright downlight which features a single internal LED cob chip. This can be recessed or surface mounted underneath or inside cabinetry/shelving or other areas to brightly illuminate a space

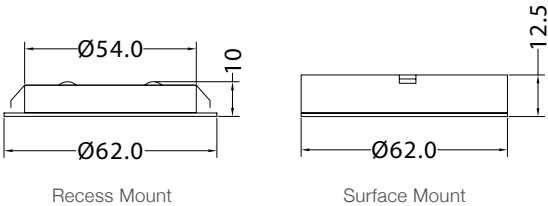
- Cool White or Warm White
- Plug & play installation
- Can be used in conjunction with sensors & dimmer control (refer to pages 25-28)

SPECIFICATIONS

Lamp Shape	Round
Finish	Silver
Lamp Wattage	3.2W
Lamp Voltage	12V
Mounting	Recess or Surface
Main Cable	2.0m
Dimmable	Yes
Lumens (per/m)	260 to 300
Beam Angle	120°
Connection	Transformer 100 - 240V, 2 meters
Lifetime	30,000 hours
Transformer	Constant Voltage 12V 12V - 25W runs up to 6 x Lights

* When using downlight in conjunction with a sensor option refer to page 28 - capacity guide

PRODUCT CODES	
Imperia Cool White	IMPERIA-CW
Imperia Warm White	IMPERIA-WW
Imperia Bracket	IMPERIA-BRACKET



TILE LIGHT

An impressive low profile design which can be used as an alternative to round downlights. This can be surface mounted underneath or inside cabinetry/shelving or other areas to illuminate or enhance a space.

- Cool white
- Plug & play installation
- In-built hand sensor on one tile light which controls up to four tile lights

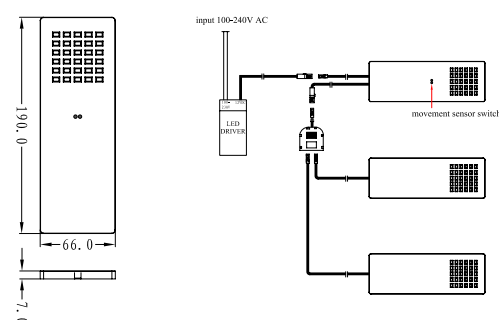
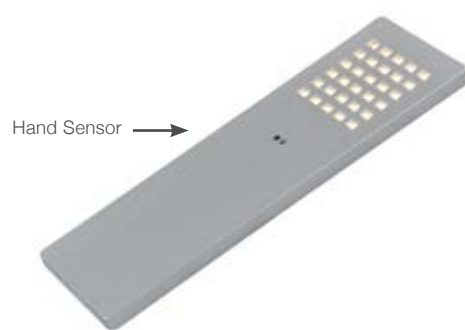
SPECIFICATIONS

Lamp Shape	Rectangle
Finish	Silver
Lamp Wattage	2.5W
Lamp Voltage	12V
Mounting	Surface
Main Cable	1.8m
Dimmable	No
Lumens (per/m)	200 - 230
Beam Angle	120°
Connection	Transformer 100 - 240V, 2 meters
Lifetime	30,000 hours
Transformer	Constant Voltage 12V 12V - 25W - Runs up to 4 x Lights

PRODUCT CODES

Kit of 3 Tile lights &
1 Transformer

TILE-CW-KIT



READING LIGHT

A great option for lighting up small spaces such as a bedside or desk reading light.

- Warm white
- Plug & play installation
- In-built on/off switch

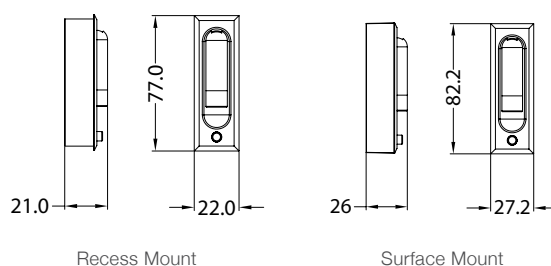
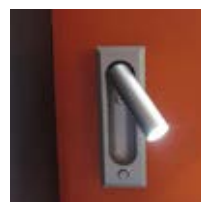
SPECIFICATIONS

Lamp Shape	Rectangle
Finish	Silver
Lamp Wattage	1.6W
Lamp Voltage	12V
Finish	Silver
Mounting	Recess or Surface
Main Cable	2.0m
Dimmable	No
Lumens (per/m)	200 - 230
Connection	Transformer 100 - 240V, 2 meters
Lifetime	30,000 hours
Transformer	Constant Voltage 12V 12V - 25W runs up to 6 x Lights

PRODUCT CODES

Reading Light

READ-WW



CEILING LIGHT

At 80 Lumens per watt, the ceiling light is the most efficient New Zealand designed and manufactured IC-F LED downlight available.

It's designed to replace the 100W incandescent recessed light. This product makes the perfect retrofit to reduce energy consumption by a whopping 88% when replacing those energy hungry 100W downlights.

With the very wide beam angle (half power beam angle is 110degrees) and high lumen output, 1000 lumens, when building new you require only one downlight in the standard bedroom

- Burns bright for up to 60,000 hours
- ZERO clearance needed to building and low profile - can be used anywhere
- INSULATION SAFE - Clever thermal design to allow insulation to cover both the light AND the driver (option)
- NO HEAT LOSS - Stops chimney effect heat loss from room
- Dimmable Driver - Standard dimming (compatible with most universal and trailing edge dimmers)
- Trim Colour - White

SPECIFICATIONS

Colour Temp	2700K, 3000K
Dimming	Yes
Dimensions	130mm x 40mm
Min Hole Depth	37mm
Driver (included)	SL300D
Driver Covered	Yes
Led Power	9.2W
Luminarie Power	11.3W
Input	260mA
Efficiency	82 L/W
Luminarie Output	930 lumen
IP Rating	IP44
Beam Angle	110°
Trim Colours	White
Cutout	100mm - 120mm
Replaces	Traditional 100W downlight



PRODUCT CODES

Ceiling Downlight 2700K	CEILING-2700 (includes 1 x Ceiling downlight & 1 x Transformer)
Ceiling Downlight 3000K	CEILING-3000 (includes 1 x Ceiling downlight & 1 x Transformer)

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LED STRIP LIGHTS >

PRODUCTS AND SERVICES

LED Strip Lights are a brilliant option for task and mood lighting and help to create ambiance and definition of a space. Some areas of application include kitchen & bathroom lighting, underneath cabinetry, shopfitting & display lighting, signage, architectural lighting, and any other confined spaces requiring additional light.



Task Lighting



Decorative Lighting

Enhance the strip light by adding an LED Profile Option (refer to pages 19-24)

WHAT ARE YOUR OPTIONS WITH LED STRIP LIGHTS?



Made to Measure (MTM)

Custom made lengths fabricated by us to your measurements. Each MTM strip light includes a soldered 2m tail or wire connectors for corners etc (depending on requirements)

IP RATING

IP is a rating guide for the strip light for the level of protection from Solids/Water. Stefano Orlati strip lights are available in IP20 & IP65.

IP = Ingress Protection

IP20 - No Coating

2 = Protected against solid objects over 12.5mm

0 = No Protection from liquids/water

IP65 - Clear Water Resistant Coating

6 = Total protection against dust ingress

5 = Protection against low pressure water jets from all directions. Limited ingress protection

DIODE GUIDE

The diodes on the LED Strip light range in size and each will vary in brightness depending on a number of factors

- The size of the diode
- The amount of diodes per meter
- The total watts per meter

3014 = 3.0mm x 1.4mm (diode size)



3528 = 3.5mm x 2.8mm (diode size)



5050 = 5.0mm x 5.0mm (diode size)



LED SYMBOL GUIDE



MTM

Made to Measure



DIY

Do It Yourself



DIM

Dimmer Control



PROFILE

LED Profile



DOOR

Door Motion Sensor



HAND

Hand Motion Sensor




PIR


PIR Motion Sensor


12V 3528 STANDARD IP20


- Plug & play installation
- Cuttable in 50mm increments
- Self adhesive peel and stick backing
- Best suited for an area hidden from view
- Choose any LED Profile option
- Recommended to be used in conjunction with an LED profile which assists with heat dissipation & ensures longevity of the LED chips


Options



MTM



DIY


DIM


PROFILE


DOOR


HAND


PIR

SPECIFICATIONS

Diode Size	3.5mm x 2.8mm
Diodes (per/m)	60
Voltage	12V DC
Energy (watts)	4.8 per/m
Width	8mm
Projection	3mm
Viewing Angle (degrees)	120
Waterproof Rating	IP20
Dimmable	Yes
Lumens (per/m)	Cool White - 300 Warm White - 300 Amber - 65 Blue - 45 Green - 200 Red - 110
Transformer 12V	Maximum run 10 meters



* If using the strip light in conjunction with a sensor or controller refer to page 28 for capacity guide



COOL WHITE
(6000K)



WARM WHITE
(3200K)



BLUE



RED



GREEN



AMBER

PRODUCT CODES

Made to Measure	MTM-3528-CW	MTM-3528-WW	MTM-3528-BLUE	MTM-3528-RED	MTM-3528-GREEN	MTM-3528-AMBER
DIY	DIY-3528-CW	DIY-3528-WW	DIY-3528-BLUE	DIY-3528-RED	DIY-3528-GREEN	DIY-3528-AMBER

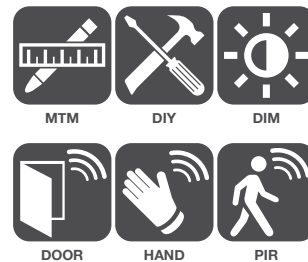


All DIY components are supplied separately and are recommended for strip light only options (no profile). Available in a 5 meter roll & includes a tail soldered on each end.

12V 3528 WATER RESISTANT IP65

- Plug & play installation
- Cuttable in 50mm increments
- Self adhesive peel and stick backing
- Best suited for an area hidden from view
- Clear water-resistant coating
- Recommended for Strip light only options

Options



STRIP LIGHTS

SPECIFICATIONS

Diode Size	3.5mm x 2.8mm
Diodes (per/m)	60
Voltage	12V DC
Energy (watts)	4.8 per/m
Width	8mm
Projection	3mm
Viewing Angle (degrees)	120
Waterproof Rating	IP65
Dimmable	Yes
Lumens (per/m)	Cool White - 300 Warm White - 300
Transformer 12V	Maximum run 10 meters



*** If using the strip light in conjunction with a sensor or controller refer to page 28 for capacity guide**



COOL WHITE
(6000K)



WARM WHITE
(3200K)

PRODUCT CODES

Made to Measure	MTM-3528-IP65-CW	MTM-3528-IP65-WW
DIY	DIY-3528-IP65-CW	DIY-3528-IP65-WW



DIY

All DIY components are supplied separately and are recommended for strip light only options (no profile). Available in a 5 meter roll & includes a tail soldered on each end.

12V 5050 EXTRA BRIGHT IP20

- Up to three times brighter than 3528 Standard Strip light
- Plug & play installation
- Cuttable in 50mm increments
- Self adhesive peel and stick backing
- Recommended to be used in conjunction with an LED profile which assists with heat dissipation & ensures longevity of the LED chips

SPECIFICATIONS

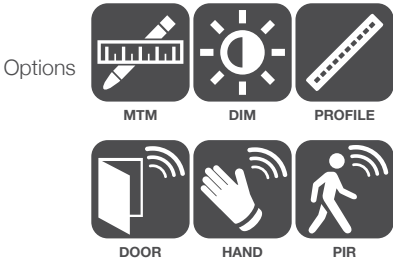
Diode Size	5.0mm x 5.0mm
Diodes (per/m)	60
Voltage	12V DC
Energy (watts)	14.4 per/m
Width	10mm
Projection	3mm
Viewing Angle (degrees)	120
Waterproof Rating	IP20
Dimmable	Yes
Lumens (per/m)	Cool White - 900 Warm White - 900
Transformer 12V	Maximum run 4 meters

* If using the strip light in conjunction with a sensor or controller refer to page 28 for capacity guide



PRODUCT CODES

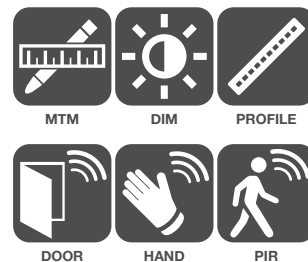
Made to Measure	MTM-5050-CW	MTM-5050-WW
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24V 3014 CONTINUOUS IP20

- Offers high brightness with a continuous glow
- Provides a no dotting effect when used with an LED profile
- Plug & play installation
- Cuttable in 30mm increments
- Self adhesive peel and stick backing
- Recommended to be used in conjunction with an LED Profile which assists with heat dissipation & ensures longevity of the LED chips

Options



STRIP LIGHTS



SPECIFICATIONS

Diode Size	3.0mm x 1.4mm
Diodes (per/m)	204
Voltage	24V DC
Energy (watts)	16.3 per/m
Width	10mm
Projection	3mm
Viewing Angle (degrees)	120
Waterproof Rating	IP20
Dimmable	Yes
Lumens (per/m)	1590 to 2040
Transformer 24V	Maximum run 5 meters

*** If using the strip light in conjunction with a sensor or controller refer to page 28 for capacity guide**



COOL WHITE
(6000K)



WARM WHITE
(3200K)

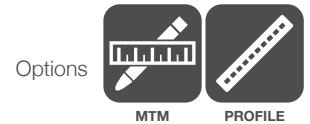
PRODUCT CODES

Made to Measure

MTM-3014-CW

MTM-3014-WW

24V 5050 RGBW MULTI COLOUR



- Recommended for decorative feature lighting
- Cuttable in 200mm increments
- Produces an array of dazzling effects with 20 different mode settings
- Alternates between all LED colours, including cool white
- Memory function - previous setting will be resumed when power on again
- Recommended to be used in conjunction with an LED profile which assists with heat dissipation & ensures longevity of the LED chips

SPECIFICATIONS

Diode Size	5.0mm x 5.0mm
Diodes (per/m)	60
Voltage	24V DC
Energy (watts)	10 per/m
Width	10mm
Projection	3mm
Viewing Angle (degrees)	120
Waterproof Rating	IP20
Dimmable	Yes
Lumens (per/m)	700
Transformer 24V	Maximum run 5 meters



PRODUCT CODES

Made to Measure MTM-5050-RGBW

RGBW MULTI COLOUR CONTROLLER

- Used to activate the RGBW 5050 multi colour strip light
- Controller is supplied separately to the strip light

SPECIFICATIONS

Remote	Size	110 x 52 x 20
	Power	AAA Batteries *2pcs
Controller	Size	85 x 45 x 23
	Working Voltage	24V
	Control Way	R G B W
	Max Load	144 watts
	Control Distance	30 meters

Includes: remote, batteries, wall mount bracket

PRODUCT CODES

Colour Control Unit RGBW-CCU



Also available - Wifi Controller see page 28



Convert the RGBW Colour Changing remote to a remote that can be operated from your tablet or smart phone using the Wifi Controller!

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LED PROFILES >

PRODUCTS AND SERVICES

LED Profiles transform the LED Strip light into a complete lighting fixture which gives a stylish & finished look. They assist with heat dissipation of the strip light and ensure longevity of the LED chips. The profile is composed of an aluminium backing & perspex diffuser which preserves & protects the strip light. Clear diffuser options provide maximum illumination & Opaque Diffusers work by diffusing the light.

WHAT ARE YOUR OPTIONS WITH LED PROFILES?



Made to Measure (MTM)

All Made to Measure orders are fabricated by us to your measurements. The profile includes diffuser, end caps mounting clips (if applicable) & LED strip light option. For any in depth lighting orders it is recommended to supply by a sketch or plan.

ORDERING

MTM

When ordering Made to Measure lighting, please order using the following code string, for example:

Made to Measure **MTM** | Profile & Diffuser Option **SLIM-OP** | Strip Light Option / Colour **3528-CW**
CODE: **MTM-SLIM-OP-3528-CW**

Use the table below as a reference guide for strip light options and colours

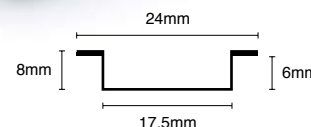
STRIP LIGHT OPTIONS / COLOURS

Strip Light Option/Colour	Code	Strip Light Option/Colour	Code
3528 Cool White	3528-CW	5050 Cool White	5050-CW
3528 Warm White	3528-WW	5050 Warm White	5050-WW
3528 Amber	3528-AMBER	3014 Cool White	3014-CW
3528 Blue	3528-BLUE	3014 Warm White	3014-WW
3528 Green	3528-GREEN	5050 RGBW Multi Colour	5050-RGBW
3528 Red	3528-RED		

LED SLIMLINE

The recessed slimline is an excellent option for flush mount installation. It features a super slim appearance with wings which covers both sides of the rebate

- Recess mount installation
- Supplied with an opaque or clear diffuser
- Profile can be screwed or glued into rebate
- Recess depth 7mm



PRODUCT CODES

	Opaque Diffuser	Clear Diffuser
Made to Measure	MTM-SLIM-OP <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>	MTM-SLIM-CL <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>



MTM

As a helpful guide when ordering refer to the Made to Measure order form



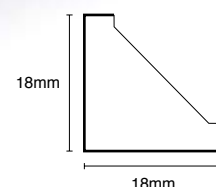
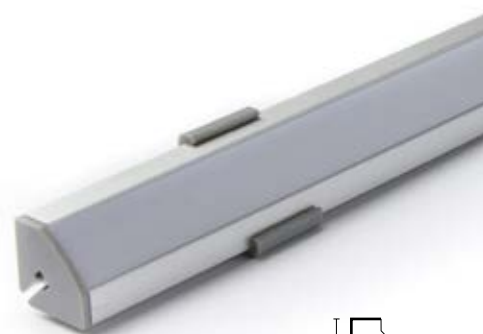
DIY

Supplied in a **2m length** & includes end caps
All DIY components are supplied separately.
*Note: DIY connectors do not fit into the slimline profile

LED CORNER

The corner profile is designed to fit neatly into any corner, ie. a breakfast bar or pelmet. The light emitted from the LED strip is directed by the shape of the profile and will shine at a 45° angle

- Surface mount installation
- Top or side fixing
- Supplied with an opaque or clear diffuser
- Profile can be screwed, glued or clipped on using mounting clips supplied



PRODUCT CODES

	Opaque Diffuser	Clear Diffuser
Made to Measure	MTM-CORNER-OP <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>	MTM-CORNER-CL <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>
DIY	DIY-CORNER-OP	DIY-CORNER-CL



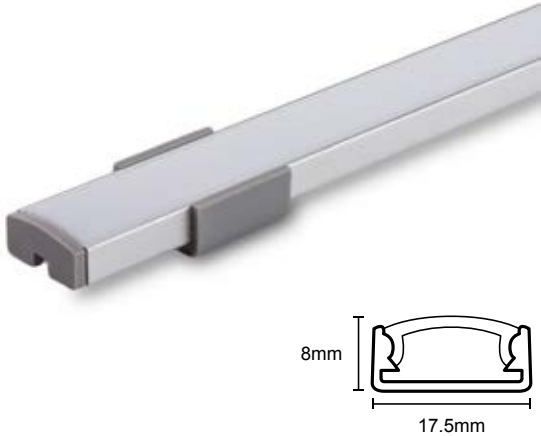
MTM

As a helpful guide when ordering refer to the Made to Measure order form

LED MICRO

A compact profile which features a super slim appearance

- Surface or recess mount installation
- Supplied with an opaque or clear diffuser
- Profile can be glued, screwed or clipped on using mounting clips supplied
- Recess depth 7mm



PRODUCT CODES		
	Opaque Diffuser	Clear Diffuser
Made to Measure	MTM-MICRO-OP <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>	MTM-MICRO-CL <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>
DIY	DIY-MICRO-OP	DIY-MICRO-CL



As a helpful guide when ordering refer to the Made to Measure order form

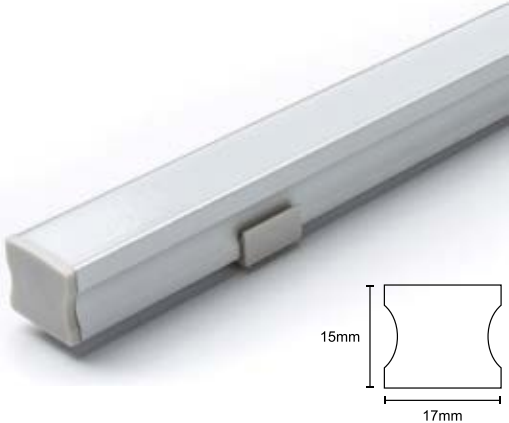


Supplied in a **2m length** & includes end caps
All DIY components are supplied separately.
**Note: DIY connectors do not fit into the micro profile*

LED SQUARE FUSION

Features a dense opaque cover that together with the height works by concealing each diode giving the appearance of one continuous light

- Surface or recess mount installation
- Supplied with an opaque or clear diffuser
- Profile can be glued, screwed or clipped on using mounting clips supplied
- Recess depth 10mm



PRODUCT CODES		
	Opaque Diffuser	Clear Diffuser
Made to Measure	MTM-SQ-OP <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>	MTM-SQ-CL <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>



As a helpful guide when ordering refer to the Made to Measure order form

LED RECTANGLE

- Surface or recess mount installation
- Supplied with an opaque or clear diffuser
- Profile can be glued screwed or clipped on using mounting clips supplied
- Recess depth 9mm



PRODUCT CODES		
	Opaque Diffuser	Clear Diffuser
Made to Measure	MTM-REC-OP <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>	MTM-REC-CL <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>



As a helpful guide when ordering refer to the Made to Measure order form

LED WARDROBE RAIL LIGHT

A clever way to illuminate dark spaces in wardrobes, the hang rail features a housing for the LED Strip light which shines downwards

- Material - aluminium
- Supplied with an opaque diffuser
- Middle support brackets & end caps available
- Can be supplied as a hang rail option only (without strip light)



PRODUCT CODES	
Made to Measure	MTM-ROBE <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>
DIY	DIY-ROBE
End Bracket	ROBE-EB
Middle Bracket	ROBE-MB

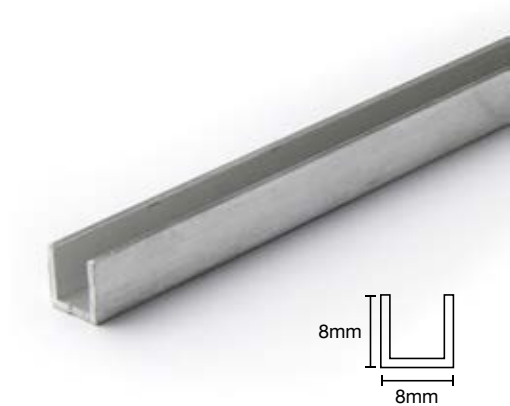


As a helpful guide when ordering refer to the Made to Measure order form

LED GLASS

A clever way to illuminate a glass shelf.

- Supplied to fit 8mm glass (glass not included)
- Best suited for glass with an opaque front edge
- Recommended to be used with 3528 Standard Strip Light options



PRODUCT CODES	
Made to Measure	MTM-GLASS <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>

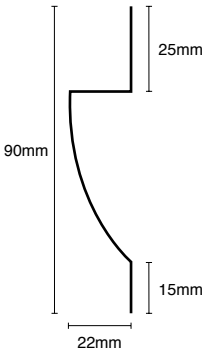


As a helpful guide when ordering refer to the Made to Measure order form

LED WALL

A great option to light up areas such as hallways & stairways. The LED Strip Light encased inside is diffused by shining downwards or upwards on the textured area of the profile.

- Material - aluminium
- Supplied with an opaque diffuser & end caps
- Provides easy installation with mounting clips



PRODUCT CODES	
Made to Measure	MTM-WALL <i>[insert strip light option and colour here - refer to table on page 20 for codes]</i>
DIY	DIY-WALL



As a helpful guide when ordering refer to the Made to Measure order form

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LED SENSORS & CONTROLLERS >

DOOR SENSOR



Sensor features a super slim appearance and is triggered by opening and closing a door

- Colour - White
- Plug & play installation
- Open and close door to activate and deactivate
- Compatible with Imperia downlight, 3528 & 3014 strip light options

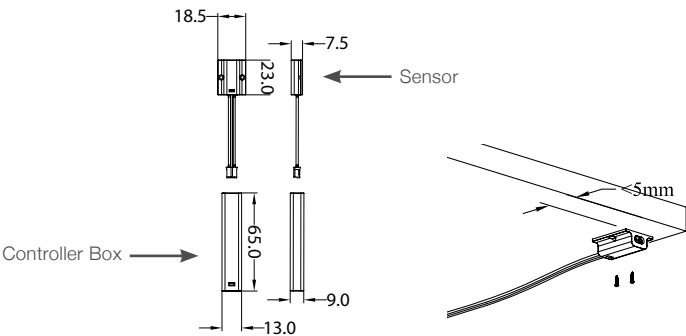


SPECIFICATIONS

Detection Area	Approx. detection 100mm
Input	DC 12V or DC 24V constant voltage
Output	DC 12V or DC 24V
Loading Power	24W or 48W
Mounting	Surface

PRODUCT CODES	
Single Sensor	SS-D-SINGLE
Double Sensor	SS-D-DOUBLE

* For sensor switch capacity guide refer to page 28



HAND SENSOR



Sensor is triggered by movement, when the target object is within the detecting range the sensor will activate the light the first time and deactivate the light the second time.

- Colour - White
- Plug & play installation
- Wave hand within detection range to activate and deactivate
- Compatible with Imperia downlight, 3528 & 3014 strip light options

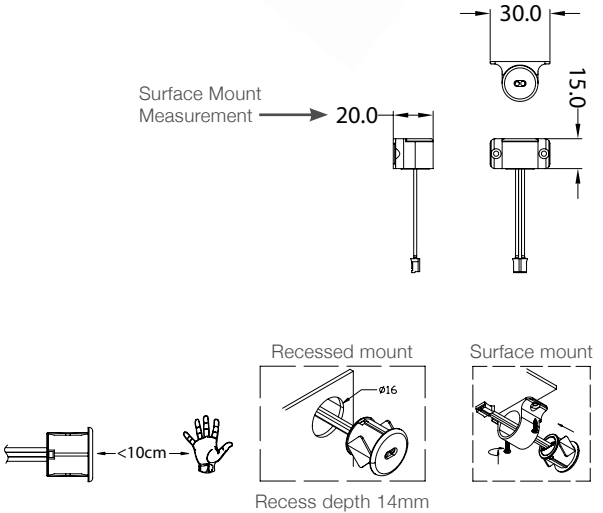


SPECIFICATIONS

Detection Area	Approx. detection 100mm
Input	DC 12V or DC 24V constant voltage
Output	DC 12V or DC 24V
Loading Power	24W or 48W
Mounting	Surface or recess
Recess Depth	14mm
Recess Diameter	16mm

PRODUCT CODES	
Single Sensor	SS-H

* For sensor switch capacity guide refer to page 28



PIR SENSOR

Sensor works on heat and movement detection. When within the detecting range the light will activate. After 45 seconds of leaving the detection area the light will deactivate

- Colour - White
- Plug & play installation
- Move in and out of detection range to activate and deactivate the light
- Compatible with Imperia downlight, 3528 & 3014 strip light options

SPECIFICATIONS

Detection Area	Approx. detection 1m
Input	DC 12V or DC 24V constant voltage
Output	DC 12V or DC 24V
Loading Power	24W or 48W
Mounting	Surface or recess
Recess Depth	11mm
Recess Diameter	16mm

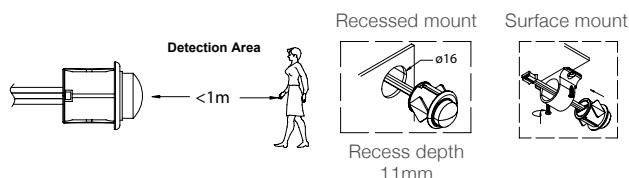
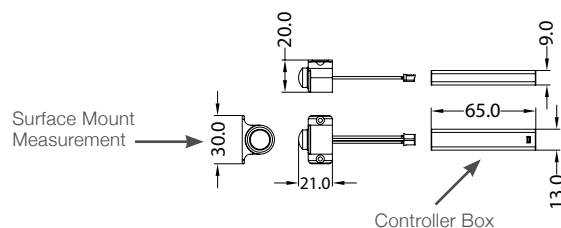
PRODUCT CODES

Single Sensor	SS-PIR-SINGLE
Double Sensor	SS-PIR-DOUBLE

* For sensor switch capacity guide refer to page 28



PIR



DIMMER CONTROLLER

A wireless intuitive touch remote control that enables you to control the brightness and intensity of the LED Light

- Colour - White
- Plug & play installation
- On/Off switch function
- Dimmer control includes – controller, remote/batteries & mounting bracket for remote
- Compatible with Imperia downlight, 3528, 3014 & 5050 strip light options

SPECIFICATIONS

RF Touch Remote	2.4 GHz
Receiving Range	30 meters
Input	DC 12V or DC 24V constant voltage
Output	DC 12V or DC 24V
Loading Power	60W (12V) or 120W (24V)
Dimensions of Control Box	85mm x 45mm x 22mm
Dimensions of Remote	114mm x 56mm x 20mm

Includes: remote, batteries, wall mount bracket

PRODUCT CODES

Dimmer Controller	LED-DIM
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* For dimmer control capacity guide refer to page 28



DIM



WIFI CONTROLLER

The Wifi Control allows you to operate the LED light using a smart phone or tablet as your remote.

It features a remote control interface app which can be used to connect the multi colour RGBW 5050 strip light and any downlight and strip product that is compatible with the LED dimmer control. It can be operated with almost every device with Wifi connectivity such as tablets, iPhones, iPads etc.

- Additional accessory to the RGBW & dimmer control units
- Colour - White
- Plug & play installation



SPECIFICATIONS

RF Touch Remote	2.4 GHz
Working Voltage	12V or 24V
Receiving Range	20 meters
Loading Power	DC 5V - by USB or power adapter
Dimensions of Control Box	90mm x 65mm x 16mm
Dimensions of Remote	113mm x 56mm 20mm

PRODUCT CODES

Wifi Controller	WIFI-CU
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SENSOR CAPACITY GUIDE

Hand Sensor / Door Sensor / PIR Sensor

PRODUCT	CAPACITY (maximum run)
12V - Imperia downlights	4 x downlights (including 2m tail leading to transformer)
12V - 3528 Standard strip light	4.0 meters (including 2m tail leading to transformer)
12V - 5050 Extra bright strip light	1.5 meters (including 2m tail leading to transformer)
24V - 3014 Continuous strip light	2.0 meters (including 2m tail leading to transformer)

Dimmer Control

PRODUCT	CAPACITY (maximum run)
12V - Imperia downlights	6 x downlights (including 2m tail leading to transformer)
12V - 3528 Standard strip light	10 meters (including 2m tail leading to transformer)
12V - 5050 Extra bright strip light	4.0 meters (including 2m tail leading to transformer)
24V - 3014 Continuous strip light	5.0 meters (including 2m tail leading to transformer)

*Decorum
Designs*

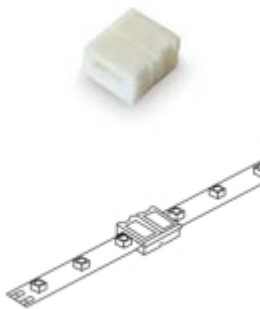


LED DIY & ACCESSORIES >

DIY CONNECTOR

Connector can be used to join together separate lengths of strip light

- Compatible with 3528 standard strip light only
- Connector dimensions - (L) 16mm x (W) 12mm
- DIY components are recommended for strip light only options (no profile)



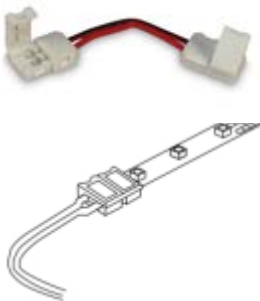
PRODUCT CODES	
DIY Connector	DIY-CONNECT

Note: Connectors do not fit into the LED slimline & micro profiles

DIY CORNER CONNECTOR

Corner connector offers easy connection and can be bent around corners such as mitres etc.

- Compatible with 3528 standard strip light only
- Connector dimensions – (L) 16mm x (W) 12mm
- 40mm wire between connectors
- DIY components are recommended for strip light only options (no profile)



PRODUCT CODES	
DIY Corner Connector	DIY-CORNER

Note: Connectors do not fit into the LED slimline & micro profiles

DIY TAIL

The 2m tail with plastic connector enables easy connection of the strip light with no need to solder

- Compatible with 3528 standard strip light only
- Connector dimensions – (L) 16mm x (W) 12mm
- DIY components are recommended for strip light only options (no profile)



PRODUCT CODES	
DIY Tail	DIY-TAIL

Note: Connectors do not fit into the LED slimline & micro profiles

EXTENSION CABLE

The 2m extension lead is fitted with a female plug at one end, and a male plug at the other. It can be used for extending the leads attached to the LED downlights & LED strip lights (except RGB)



PRODUCT CODES	
2m Extension	EXT

*Decorum
Designs*



LED TRANSFORMERS >

12V TRANSFORMERS

- Protections - short circuit / overload / over voltage / over temperature
- Option of 25W or 60W depending on application requirements – see LED compatibility
- All transformers are supplied with a 6-way junction box



SPECIFICATIONS - 12V-25W TRANSFORMER

AC Input Voltage	100-240VAC - 50/60Hz , 1.0A Max
DC Output	12V DC 2.08A Constant Voltage
Output Watts Max	25 Watts
Dimensions	(L) 100mm (W) 47mm (H) 27mm
Power Input Cord	1.5m
LED Compatibility	Imperia downlight, Tile light, Reading light, 3528 standard strip light, Sensor switches

SPECIFICATIONS - 12V-60W TRANSFORMER

AC Input Voltage	100-240VAC - 50/60Hz 1.5A Max
DC Output	12VDC 5.0A Constant Voltage
Output Watts Max	60 Watts
Dimensions	(L) 117mm (W) 51mm (H) 35mm
Power Input Cord	1.5m
LED Compatibility	3528 Standard, 5050 Extra bright

PRODUCT CODES

25W Transformer **TF-25**

PRODUCT CODES

60W Transformer **TF-60**

TRANSFORMER CAPACITY GUIDE

12V-25W Transformer

LED Downlights/ Strip lights	Per 25W Transformer (no sensors attached)
Imperia downlight	6 x downlights (including 2m tail leading to transformer)
Tile light	4 x Tile lights (including 1.8m tail leading to transformer)
Reading light	6 x Reading lights (including 2m tail leading to transformer)
3528 Standard strip light	5.0 meters (including 2m tail leading to transformer)
5050 Extra bright	1.5 meters (including 2m tail leading to transformer)

12V-60W Transformer

LED Strip lights	Per 60W Transformer (no sensors attached)
3528 Standard strip light	10 meters (including 2m tail leading to transformer)
5050 Extra bright strip light	4.0 meters (including 2m tail leading to transformer)

Note: For sensor and controller capacity guide refer to page 28

24V TRANSFORMERS

- Protections – short circuit / overload / over voltage / over temperature
- All Transformers are supplied with a 6-Way Junction Box



SPECIFICATIONS - 24V-60W TRANSFORMER

AC Input Voltage	110-240VAC, 50/60Hz, 1.4A
DC Output	24V DC 2.50A Constant Voltage
Output Watts Max	60 Watts
Dimensions	(L) 125mm (W) 50mm (H) 31.5mm
Power Input Cord	1.5m
LED Compatibility	3014 continuous & 5050 RGBW multi colour strip light options

PRODUCT CODES

60W Transformer	TF-60-24
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SPECIFICATIONS - 24V-90W TRANSFORMER

AC Input Voltage	110-240VAC, 50/60Hz, 1.4A
DC Output	24V DC 3.75A Constant Voltage
Output Watts Max	90 Watts
Dimensions	(L) 150mm (W) 60mm (H) 33mm
Power Input Cord	1.5m
LED Compatibility	3014 continuous & 5050 RGBW multi colour strip light options

PRODUCT CODES

90W Transformer	TF-90-24
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TRANSFORMER CAPACITY GUIDE

24V-60W Transformer

LED Strip lights	Per 60W Transformer (no sensors attached)
3014 Continuous strip light	3.5 meters (including 2m tail leading to transformer)
5050 RGBW Multi colour strip light	4.0 meters (including 2m tail leading to transformer)

24V-90W Transformer

LED Strip lights	Per 90W Transformer (no sensors attached)
3014 Continuous strip light	5.0 meters (including 2m tail leading to transformer)
5050 RGBW Multi colour strip light	5.0 meters (including 2m tail leading to transformer)

Note: For sensor and controller capacity guide refer to page 28

LED Transformers are intended for use with Stefano Orlati LED Lighting products and are designed to be used with 12V or 24V power supply. Transformer is fully enclosed in a plastic case and is recommend to be installed in dry locations only. All Transformers are fully tested and certified to Australian standards.