

# LED Lights

See your furniture in a new light.





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# SEE YOUR FURNITURE IN A NEW LIGHT

LED light sources have several advantages over traditional lamps. They have very high efficiency and durability, resulting in savings in terms of maintenance, lamp replacement and energy consumption. LEDs come in various sizes, wattages and flexible shapes, enabling them to suit even the most intricate designs and decorative needs. The LED light source emits different shades of light with superior colour rendering, all while producing minimal heat and UV rays.

## Why Furniture Lights?

To optimise usability and functionality, furniture requires lighting with low power consumption and minimal heat generation. High heat generation can potentially damage both the furniture and the items stored or displayed within it. Whether it be in kitchen, office, wardrobe or retail displays, cabinets require lighting that operates with low power consumption and that generates minimal heat. The light design should be compact and minimal, with a sleek appearance and compatible with the board thickness of the furniture. In addition to these physical considerations, the aesthetic compatibility of the lighting with the furniture as a whole should also be taken into account. The lighting should subtly accentuate displayed products or complement the illumination of the surrounding space, thus enhancing the ambiance of the room while seamlessly blending with the furniture. Apart from their aesthetic contributions, furniture lights serve practical purposes as well. For instance, lights in cabinets or shelves can help illuminate the contents, making it easier to find and access items. Lights in drawers or closets can also increase visibility and help keep things organised. Furniture lights can improve safety by reducing the risk of accidents. For example, lights installed under bed frames or staircases can help prevent tripping and falling in the dark. Lights on the edges of furniture, such as tables or countertops, can also help prevent accidental bumps or collisions.

## Spot Light or Linear Light?

The right choice between a spot light or a linear light is of thoughtful consideration to fully meet the purpose of selecting the light for your furniture. If it's to highlight a specific object or area in a cabinet, then spot light is a better alternative as it can precisely direct light. However, if the purpose is to provide general illumination or create seamless and uniform lighting, a linear light might be more appropriate. Spotlights can add a dramatic effect due to its shape while linear lights offer a sleek and modern look as it works well for irregular contours and shapes due to their flexibility of mounting. Conversely, linear lights can be customised to fit the dimensions of the furniture, ensuring optimal coverage.

## Give your furniture a new look with our lights

At Ebco, we pay attention to even the smallest of details to provide you with the best hardware solutions for your furniture. Explore our wide range of superior quality, non-glaring, high colour rendering LED lights and it's accessories thoughtfully designed for your furniture. These LED furniture lights are low profile with 24V input ensuring consistent brightness and hassle-free installation with plug-and play. They are also tested for an impressive lifespan of 30,000 working hours. Select from various options including surface mount, recessed mount, spot, linear, etc. to suit your furniture design.



BIS Certification  
[www.bis.gov.in](http://www.bis.gov.in)



ISO 9001: 2015 Quality Management Systems  
ISO 14001: 2015 Environmental Management Systems  
ISO 45001: 2018 Occupational Health and Safety Management Systems

# KNOW YOUR LIGHTS BETTER



## TASK LIGHT

Task lighting is used for performing specific tasks on furniture where the space already has general ambient light. For example, kitchen under cabinet light which focuses on a specific area or task such as chopping vegetables or preparing delicacies. It helps to provide adequate lighting for activities that require more focused attention and precision.

## ORIENTATION LIGHT

Orientation lighting is used to create a soft glow behind furniture. For example, backlighting, lighting under and behind a bed frame or a large photo frame helps to create a sense of depth and adds a touch of elegance.



## CABINET LIGHT

Cabinet lighting is used to give adequate illumination inside a cabinet, and to make the items inside it more visible, easy to locate, and organise even in the absence of any ambient light. For example, a wardrobe rail with light in a wardrobe illuminates the hanging area, making it easier to see, select, and access the clothes.

## ACCENT LIGHT

Accent lighting is used to draw attention to specific features or items inside furniture, especially in a dark space. For example, accent lighting in a display case at a jewellery showroom adds visual interest and highlights the jewellery in it.



# ELEVATE YOUR TIME IN THE KITCHEN

In every home, the kitchen holds a special place and lighting is the secret ingredient to enhance its functionality and charm. For instance, adding task lights above the cooking area not only makes meal preparation easier but also elevates the kitchen's overall aesthetic. When you choose our furniture lights, you're not just getting lighting – you're creating a space that's warm, welcoming, and efficient for both cooking and gathering.





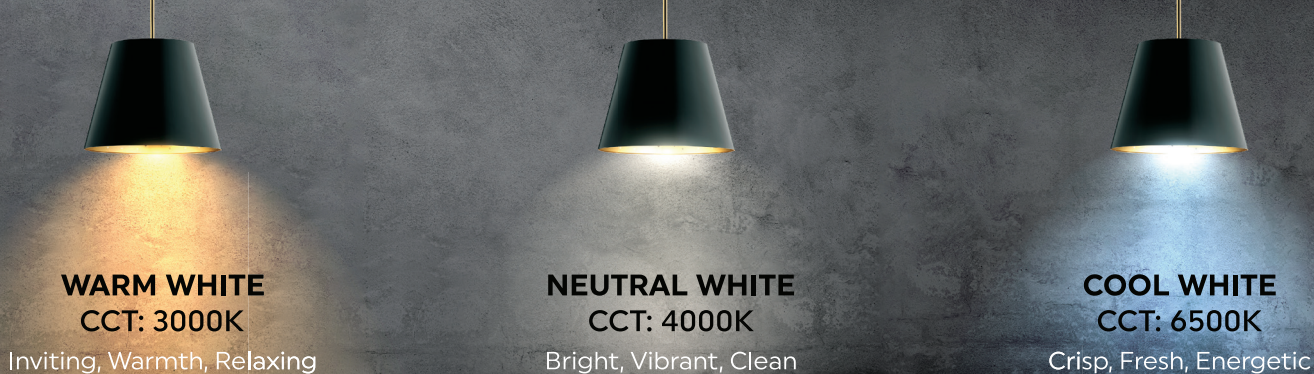
## BRIGHTEN UP YOUR LIVING ROOM AND YOUR MOOD

The right lighting in the living room can significantly elevate the overall mood of the space. The best way to achieve this is by strategically placing lights in the room. For instance, Orientation light provides complete room illumination, while accent light can help highlight an antique, wall art, or a decorative piece placed on a shelf. With our lights, create a perfect ambience that truly resonates with you.

## ADD A TOUCH OF ELEGANCE TO YOUR STORE

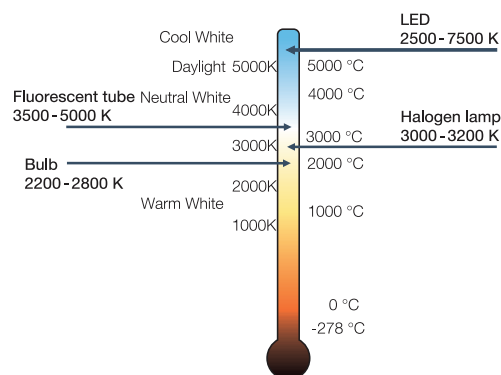
The lighting in a retail store has a big impact on how customers perceive it. It's crucial to pick lighting that showcases products well. With our range of – Orientation, Accent, and Task lights for furniture with and display units – you can create an efficient and pleasing shopping experience, leaving customers with a positive impression of your store.





## DIFFERENT PARAMETERS TO UNDERSTAND THE LIGHT BETTER

Understanding a few basic terminologies about light is essential for selecting appropriate light. Even though this information is readily available all around, however, it is not always clear. To ensure that our customers make right decisions while selecting these lights, we would like to simplify these terminologies.



**Correlated Colour Temperature or CCT** refers to the warmth or coolness of white light, measured in Kelvin (K). It spans from warm tones, like yellowish-red (3000K), resembling candlelight, to cool tones, like bluish-white (6500K), medium temperatures (4000K) are considered neutral and are commonly used in offices for a balanced and alerting environment.

**Luminous flux** is the measurement of the total amount of visible light emitted by the light source. It represents the brightness or intensity of the light produced. It is measured in Lumens (lm). The luminous flux should be considered in conjunction with other factors like the space, size, purpose, and desired lighting effect. When selecting an LED furniture light, considering the luminous flux is important as it ensures that the light source is suitable for the intended purpose.

**Luminous efficiency** is a measurement of how efficiently a light source converts electrical energy into visible light. It is the ratio of visible light (measured in lumens) produced per unit of electrical power (measured in watts) consumed by the light source. Luminous efficacy is expressed in lumens per watt (lm/w). For example, if a spot light has a luminous efficacy of 135 lm/w, it means that it produces 135 lumens of visible light for every watt of electrical power consumed.

**Life Cycle** is measured in operating hours. For example, a high-quality LED furniture light is rated for a lifecycle of 30,000 hours. Consequently, if one were to operate the LED light for 4 hours daily, it is projected to have a life cycle of approximately 20 years. It is important to note that the stated lifecycle of 30,000 hours considers that the LED is used at standard room temperature.



CRI 100+



CRI 90+



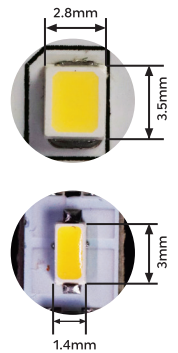
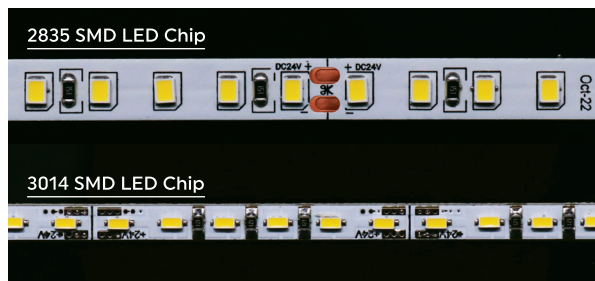
CRI 80+



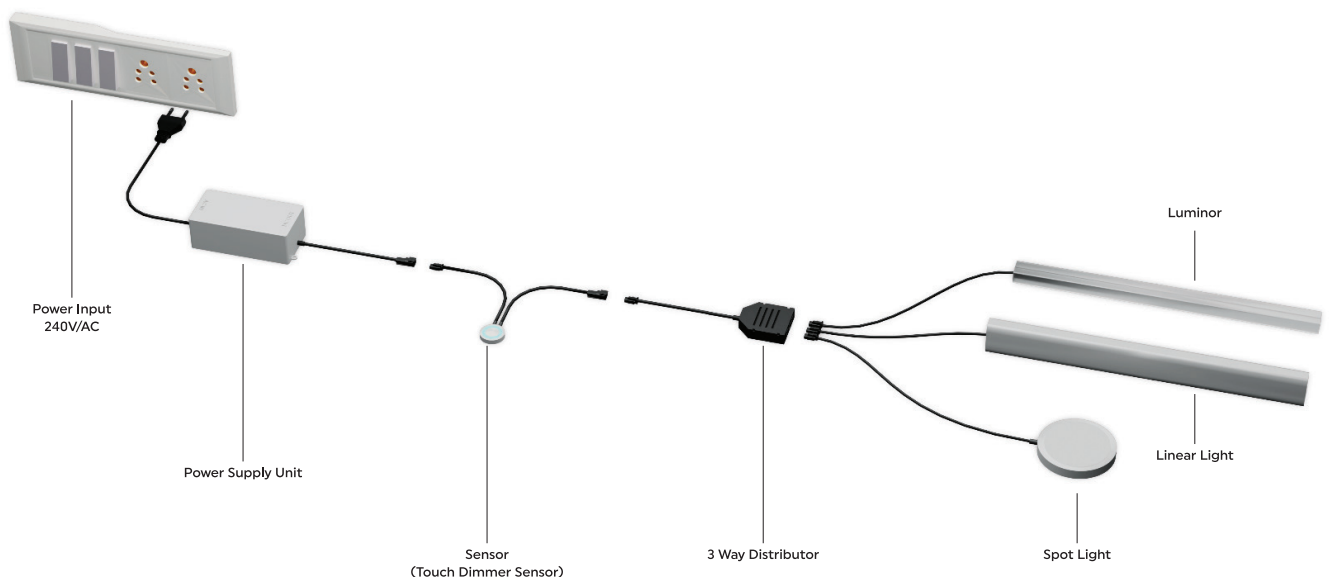
CRI 70+

**Colour Rendering Index (CRI)** measures how accurately a light source displays colours compared to natural sunlight. Rated on a scale from 0 to 100, higher CRI values above 90 indicate excellent colour rendering, capturing subtle details and the true vibrancy of objects. Lower CRI values are suitable for applications where precise colour accuracy is not essential, such as outdoor or industrial lighting.

**LED Type** SMD 2835 & SMD 3014 chips which are made with latest technology. These LED chips are much smaller than many earlier SMD models due to which it's possible to fit more of them on a length of PCB strip offering more brightness, without the need of more power.



## Light Connection Diagram



# SPOT LIGHTS

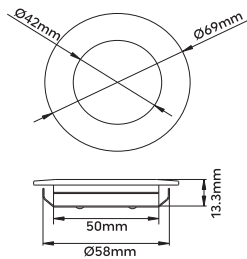


SPOT BRIGHT REGULAR/DIFFUSED  
(Recessed Mount)

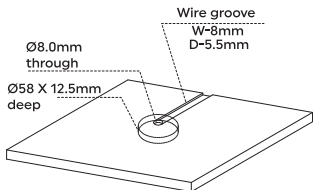
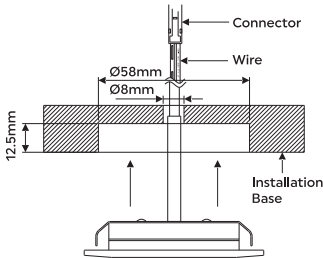


LIGHT DESCRIPTION	
Mounting	Recessed
Light Type	Task, Accent, Cabinet
Dimmable	Yes
Drill hole	Ø58 x 12.5mm Deep
Material	Aluminium
Diameter	Ø69mm
Height	13.3mm
Finish	Anodized silver/Black
Cable length	2mtr
Supplied with	1 light with 2mtr cable
Code	S-BRRR-NW (Regular)
	S-BRDR-NW (Diffused)
ELECTRICAL PARAMETERS	
Number of LEDs	12
LED type	2835
LED LM	27
LED LM/W	135
Wattage	2.4W
Input Voltage	24V - DC
CCT	4000K
CRI	90+
Life Cycle	30,000hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

Dimensions



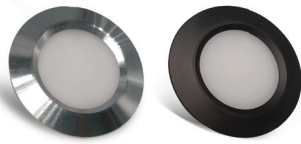
Installation



Product Images

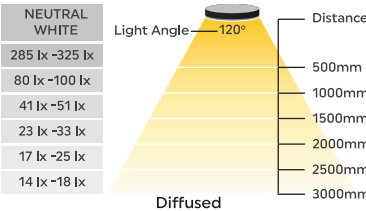
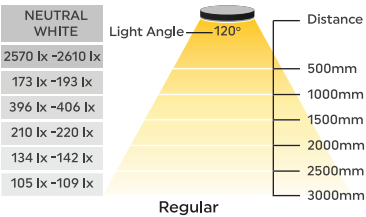


AS Regular BL



AS Diffused BL

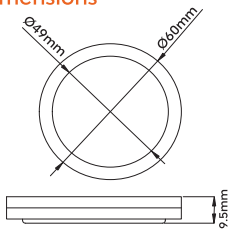
Light distribution diagram





LIGHT DESCRIPTION	
Mounting	Surface
Mounting type	Screw mounting
Light Type	Task, Accent, Cabinet
Dimmable	Yes
Material	Aluminium
Diameter	Ø60mm
Height	9.5mm
Finish	Anodized silver
Cable length	2mtr
Supplied with	1 light with 2mtr cable
Code	S-SDS-NW
ELECTRICAL PARAMETERS	
Number of LEDs	12
LED type	2835
LED LM	27
LED LM/W	135
Wattage	2.4W
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life Cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

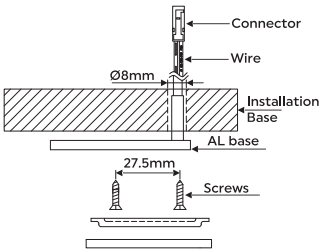
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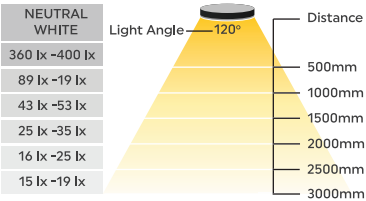
Product Images



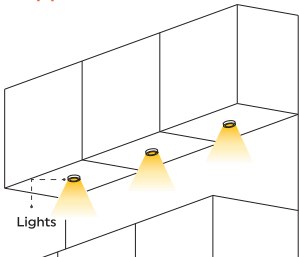
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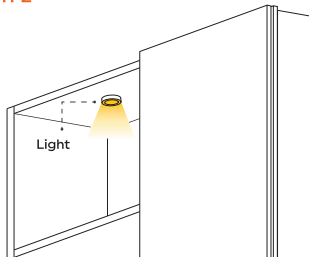
Light distribution diagram



Application 1



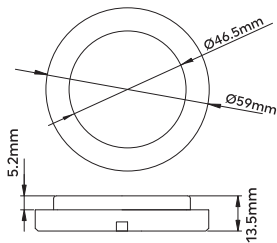
Application 2



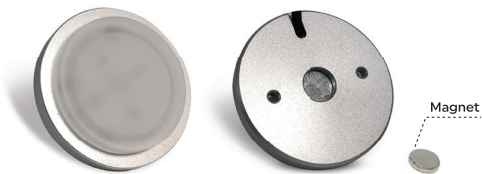


LIGHT DESCRIPTION	
Mounting	Surface
Mounting type	Magnetic
Light Type	Task, Accent, Cabinet
Dimmable	Yes
Material	Aluminium
Diameter	Ø59mm
Height	13.5mm
Finish	Anodized silver
Cable length	2mtr
Supplied with	1 light with 2mtr cable
Code	S-SD2SM-NW
ELECTRICAL PARAMETERS	
Number of LEDs	18
LED type	3014
LED LM	12
LED LM/W	120
Wattage	2.16W
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life Cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

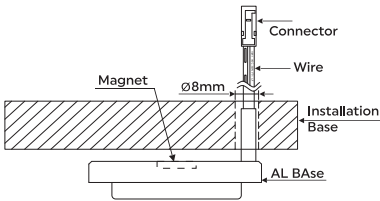
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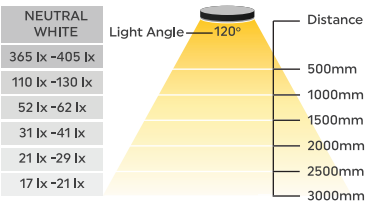
Product Images



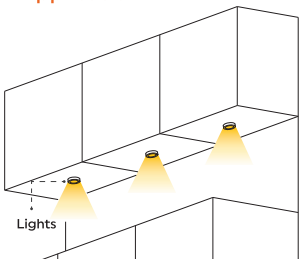
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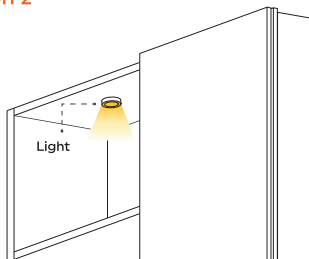
Light distribution diagram



Application 1



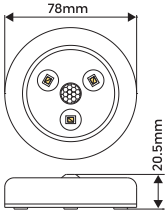
Application 2



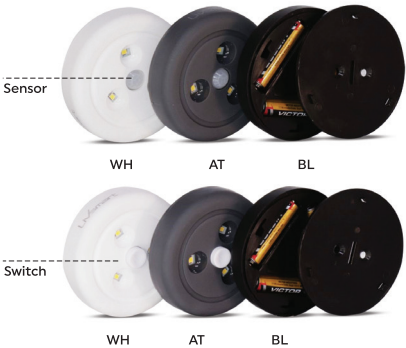


LIGHT DESCRIPTION	
Mounting	Surface
Mounting type	Screw mounting
Light Type	Task, Cabinet
Dimmable	No
Material	ABS
Diameter	78mm
Height	20.5mm
Finish	White/Black/Anthracite
Supplied with	One light
Code	SLMS1-WH/BL/AT (With Motion Sensor)
	SLS1-WH/BL/AT (With Switch)
ELECTRICAL PARAMETERS	
Number of LEDs	3 LEDs
LED type	2835
Power Supply	3 X AAA batteries (Not included)
Wattage	1.0W
Input Voltage	2.4W
Operating temp	-20° C to + 40° C
CCT	4000k
LED life	50,000 hours
SENSOR DETAILS	
Sensor	In-built
Sensor Type	Motion sensor
Detection range	1-3mtr
Stay on time	20Sec
Detection angle	120°
Function	Will light up when movement is detected within a 1-3 meter distance and auto-off after 20 seconds if no motion is detected.

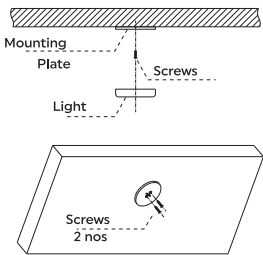
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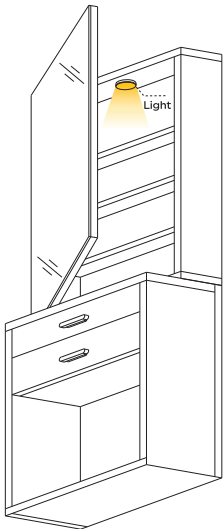
Product Images



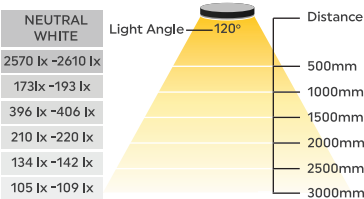
Installation



Application



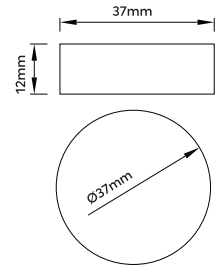
Light distribution diagram



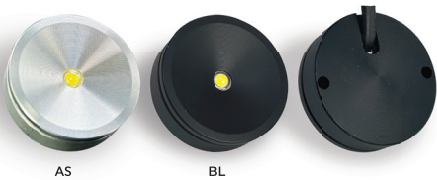


LIGHT DESCRIPTION	
Mounting	Surface
Mounting type	Screw Mounting
Light Type	Task, Accent, Cabinet
Dimmable	Yes
Diameter	Ø37mm
Height	12mm
Finish	Anodized silver/Black
Cable length	1mtr
Supplied with	1 light with 1mtr cable
Code	S-SSS1-CW-BL/SL S-SSS1-NW-BL/SL S-SSS1-WW-BL/SL
ELECTRICAL PARAMETERS	
Number of LEDs	1
Wattage	2W
Input Voltage	24V ~ DC
CCT	3000k/4000k/6000k
CRI	90+
Life Cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensors	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

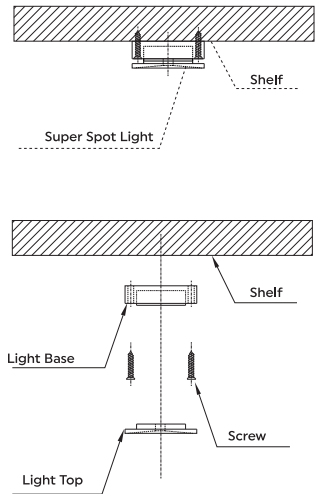
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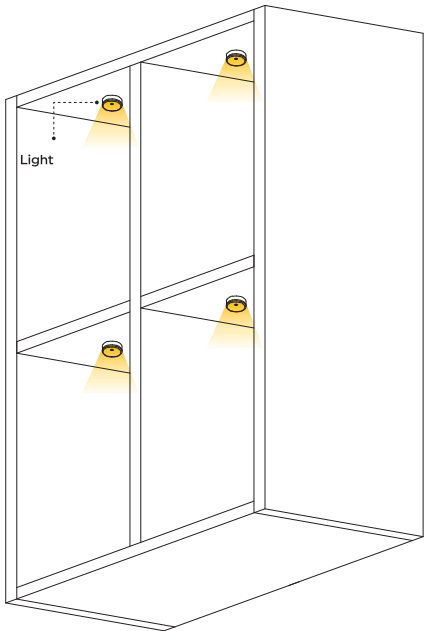
Product Images



Installation



Application



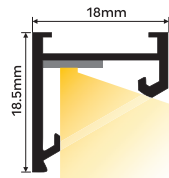
# LINEAR LIGHTS



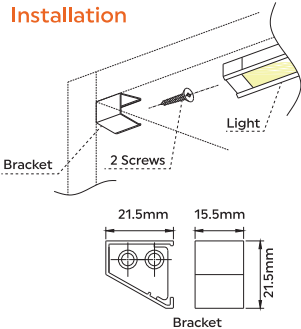


LIGHT DESCRIPTION	
Mounting	Surface
Mounting type	Clip on side mounting brackets
Dimmable	No
Light Type	Task
Material	Aluminium
Width	18mm
Height	18.5mm
Length	412, 562, 862mm
Finish	Anodized silver
Cable length	1mtr
Supplied with	1 light with 1m cable & 2 mounting brackets
Code	L-LS5IRS-412-NW L-LS5IRS-562-NW L-LS5IRS-862-NW
ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED type	2835
LED LM	27
LED LM/W	135
Wattage	14.4/mtr
Input Voltage	24V ~ DC
CCT	4000k
CRI	90+
Life Cycle	30,000 hrs
SENSOR DETAILS	
Sensor	In-built
Sensor Type	Door Trigger IR
Function	Automatic on-off with the open/close of shutter

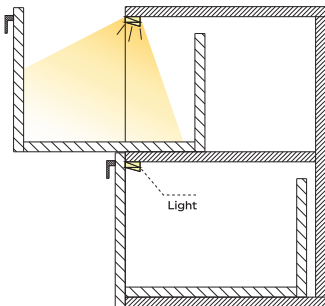
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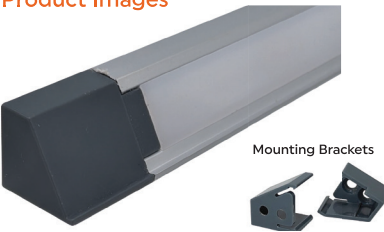
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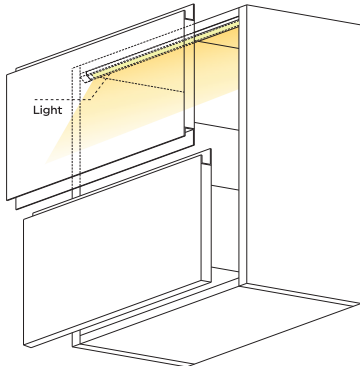
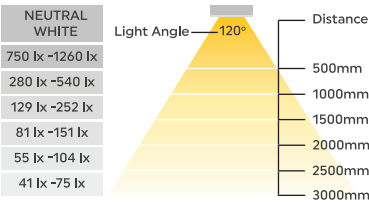
Application



Product Images



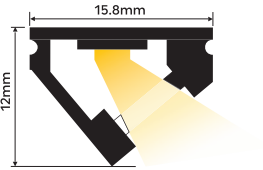
Light distribution diagram





LIGHT DESCRIPTION	
Mounting	Surface
Mounting type	Adhesive with 3M double side tape
Dimmable	Yes
Light Type	Task, Accent, Cabinet
Material	Aluminum
Width	15.8mm
Height	12mm
Length	412, 562, 762, 862, 962, 1162mm
Finish	Anodized Silver/Brown
Cable length	1mtr
Supplied with	1 light with 1m cable
Code	L-LS6S-412-NW, L-LS6S-562-NW L-LS6S-762-NW, L-LS6S-862-NW L-LS6S-962-NW, L-LS6S-1162-NW
ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED type	2835
LED LM	27
LED LM/W	135
Wattage	14.4/mtr
Input Voltage	24V ~ DC
CCT	4000k
CRI	90+
Life Cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

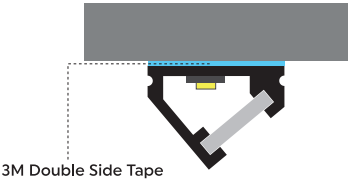
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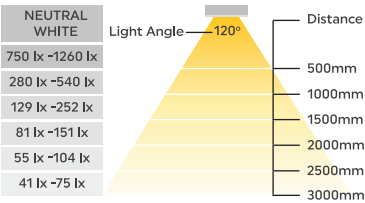
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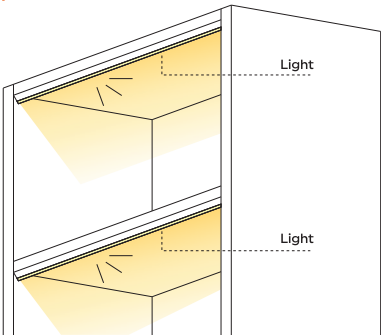
Installation



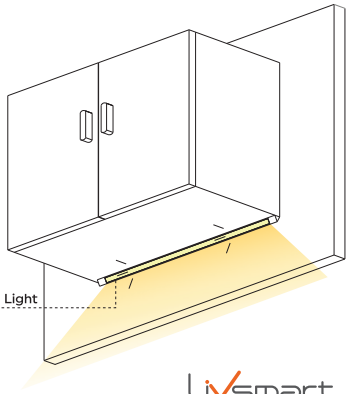
Light distribution diagram



Application 1



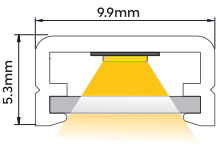
Application 2



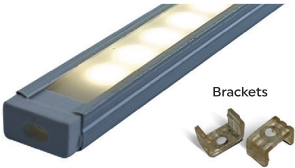


LIGHT DESCRIPTION	
Mounting	Surface
Mounting Type	Clip on top mounting brackets
Material	Aluminium
Light Type	Orientation, Task, Cabinet
Dimmable	Yes
Width	9.90mm
Height	5.30mm
Length	462, 562, 862, 2000mm
Finish	Anodized silver
Cable length	1mtr
Supplied with	1 light with 1mtr wire & 2 brackets
Code	L-LS7-462-NW L-LS7-562-NW L-LS7-862-NW L-LS7-2000-NW
ELECTRICAL PARAMETERS	
Number of LEDs	144/mtr
LED type	3014
LED LM	12
LED LM/W	120
Wattage	11.52/mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life Cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

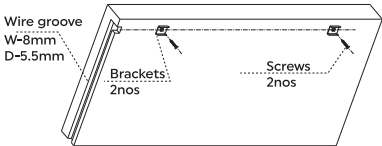
Dimensions



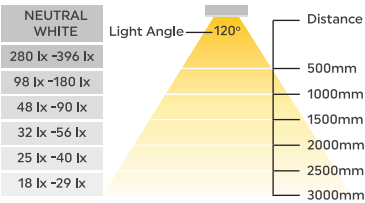
Product Images



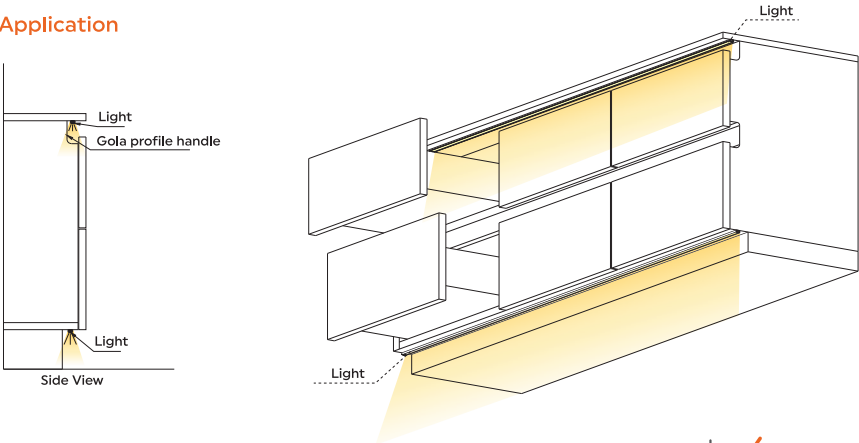
Installation



Light distribution diagram



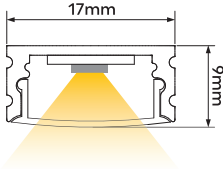
Application



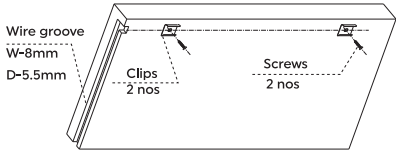
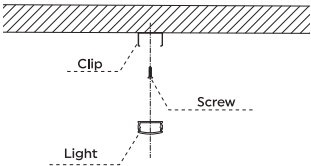


LIGHT DESCRIPTION	
Mounting	Surface
Mounting type	Clip on top mounting brackets
Light Type	Task, Cabinet, Orientation
Dimmable	Yes
Material	Aluminium
Width	17mm
Height	9mm
Length	412, 562, 862mm
Finish	Anodized silver
Cable length	1mtr
Supplied with	1 light with 1m cable & 2 mounting brackets
Code	L-LRS8-412 L-LRS8-562 L-LRS8-862
ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED type	2835
LED LM	27
LED LM/W	135
Wattage	14.4/mtr
Input Voltage	24V ~ DC
CCT	4000k
CRI	90+
Life Cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

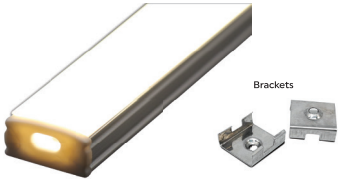
Dimensions



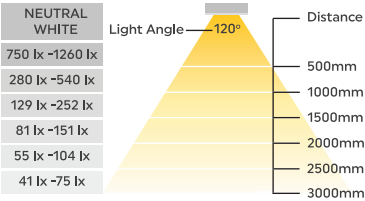
Installation



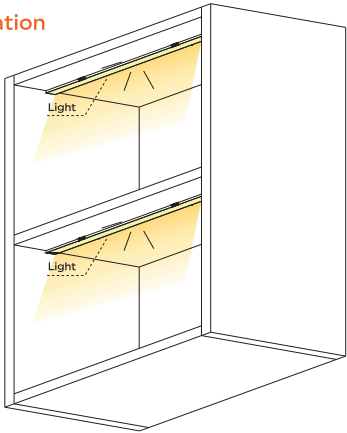
Product Images



Light distribution diagram



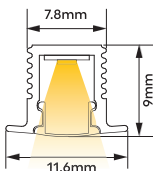
Application





LIGHT DESCRIPTION	
Mounting	Recessed
Light Type	Task, Cabinet
Dimmable	Yes
Material	Aluminium
Width	11.60mm
Height	9mm
Length	412, 562, 862mm
Finish	Anodized silver
Cable length	1mtr
Supplied with	1 light with 1mtr cable
Code	L-LR9-412 L-LR9-562 L-LR9-862
ELECTRICAL PARAMETERS	
Number of LEDs	144/mtr
LED type	3014
LED LM	12
LED LM/W	120
Wattage	11.52/mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

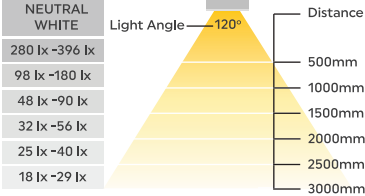
Dimensions



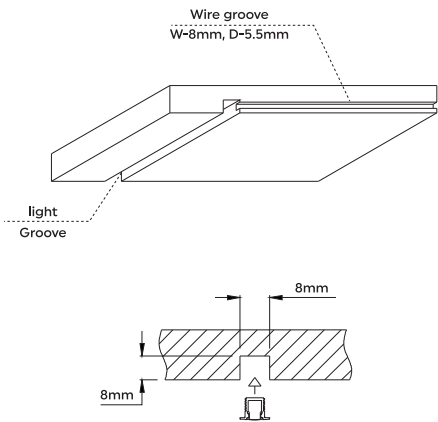
Product Image



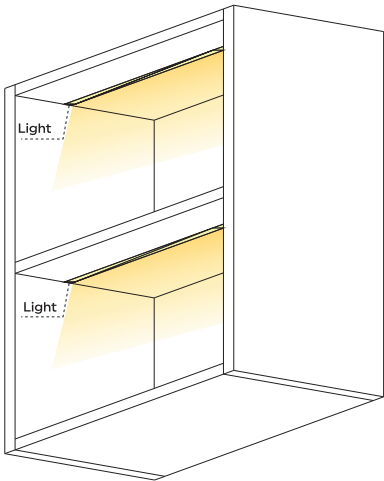
Light distribution diagram



Installation



Application



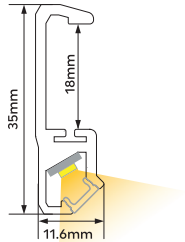


LIGHT DESCRIPTION	
Mounting	Edge
Mounting type	Clip-on mounting
Dimmable	Yes
Light Type	Task, Accent, Cabinet
Material	Aluminium
Width	11.60mm
Height	35mm
Length	412, 562, 862mm
Finish	Anodized silver/Brown
Cable length	1mtr
Supplied with	1 light with 1mtr cable
Code	L-LSE18-412-NW L-LSE18-562-NW L-LSE18-862-NW

ELECTRICAL PARAMETERS	
Number of LEDs	144/mtr
LED type	3014
LED LM	12
LED LM/W	120
Wattage	11.52/mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life cycle	30,000 hrs

SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

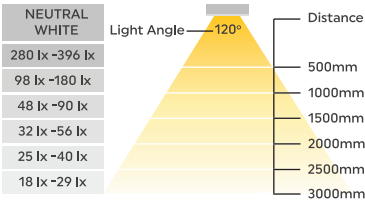
Dimensions



Product Image

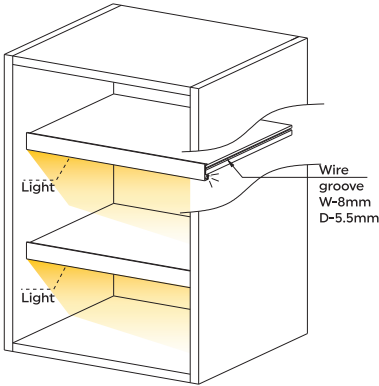


Light distribution diagram

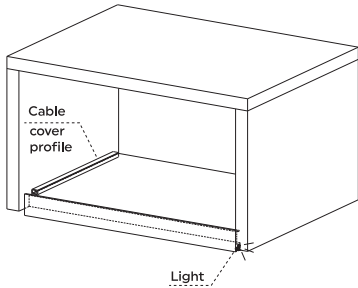


Installation

Option 1: Wire can be concealed by making the groove in the shelf as shown in the figure.



Option 2: Wire can be concealed by using cable cover profile as shown in the figure.  
Cable Cover Profile (To be purchased separately)  
Code: CCP1  
Finish: Grey/White, Function: To hide the wire



LINEAR 2 WAY SHELF EDGE HANDLE

with Hand Shake Sensor

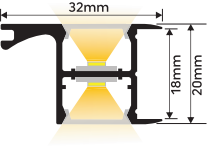


LIGHT DESCRIPTION	
Mounting	Edge
Mounting type	Clip-on
Dimmable	Yes
Light Type	Task, Accent, Cabinet
Material	Aluminium
Width	32mm
Height	20mm
Length	412, 562, 862mm
Finish	Anodized silver
Cable length	1mtr
Supplied with	1 light with 1mtr cable
Code	L-L218H-412 L-L218H-562 L-L218H-862
	L-L218-AS (2050mm) Only Profile

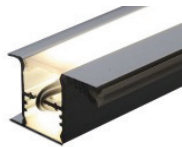
ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED type	2835
LED LM	27
LED LM/W	135
Wattage	14.4/mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life cycle	30,000 hrs

SENSOR DETAILS	
Sensor	In-built
Sensor Type	Handshake sensor
Function	Soft on/off with the waving movement of hand & dimming of lights

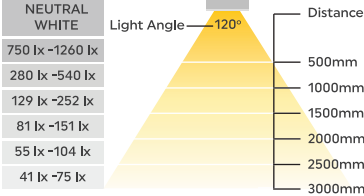
Dimensions



Product Image

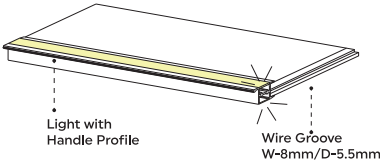


Light distribution diagram

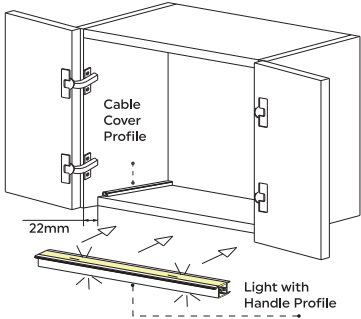


Installation

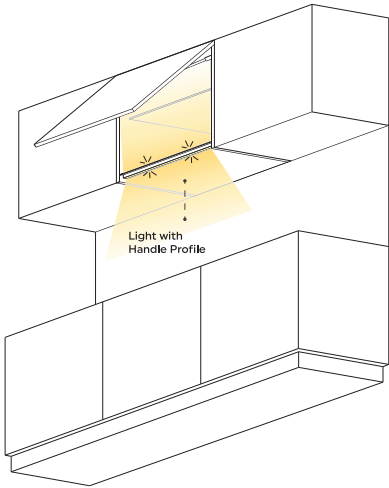
Option 1: Wire can be concealed by making the groove in the shelf as shown in the figure.



Option 2: Wire can be concealed by using cable cover profile as shown in the figure.  
Cable Cover Profile (To be purchased separately)  
Code: CCP1  
Finish: Grey/White  
Function: To hide the wire



Application



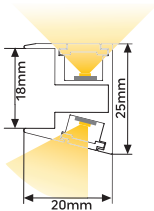


LIGHT DESCRIPTION	
Mounting	Edge
Mounting type	Clip-on mounting
Dimmable	Yes
Light Type	Task, Accent, Cabinet
Material	Aluminium
Width	20mm
Height	25mm
Length	412, 562, 862mm
Finish	Brown
Cable length	1mtr
Supplied with	1 light with 1mtr cable
Code	L-L218A-412 L-L218A-562 L-L218A-862

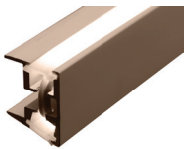
ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED type	2835
LED LM	27
LED LM/W	135
Wattage	14.4/mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life cycle	30,000 hrs

SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

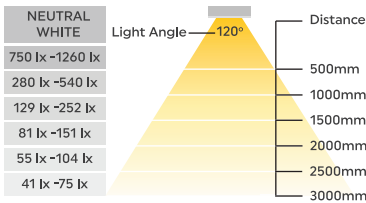
Dimensions



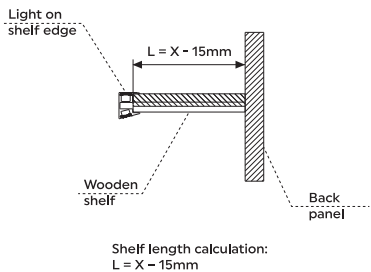
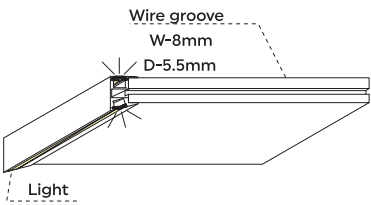
Product Image



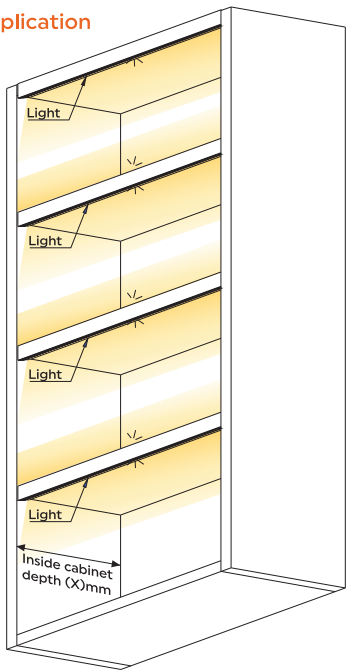
Light distribution diagram



Installation



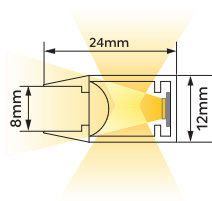
Application



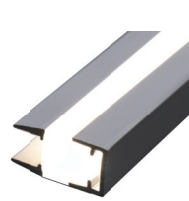


LIGHT DESCRIPTION	
Mounting	Edge
Mounting type	Clip-on
Dimmable	Yes
Light Type	Task, Orientation, Cabinet
Glass THK	8mm
Material	Aluminium
Width	24mm
Height	12mm
Length	412, 562, 862mm
Finish	Anodized silver
Cable length	1mtr
Supplied with	1 light with 1mtr cable
Code	L-L2G8-412 L-L2G8-562, L-L2G8-862
ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED type	2835
LED LM	27
LED LM/W	135
Wattage	14.4 / mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life cycle	30,000 hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

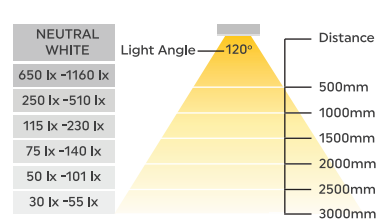
Dimensions



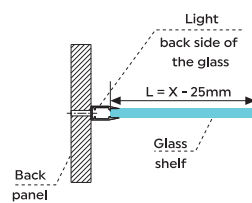
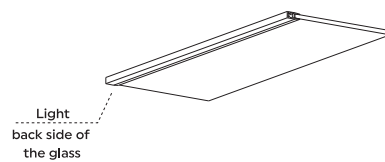
Product Image



Light distribution diagram

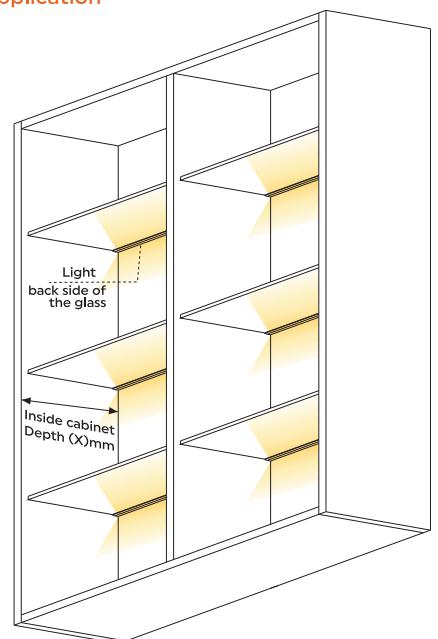


Installation



Shelf length calculation:  
 $L = X - 25\text{mm}$

Application



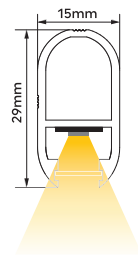


LIGHT DESCRIPTION	
Mounting	Surface mounting
Mounting Type	Clip on side mounting Oval rail bracket
Light Type	Task
Material	Aluminium
Dimmable	Yes
Width	15mm
Height	29mm
Length	409, 559, 859mm
Finish	Anodized Silver
Cable length	1mtr
Supplied with	1 light with 1 mtr cable
Code	L-LWO-412 L-LWO-562 L-LWO-862

ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED type	2835
LED LM	27
LED LM/W	135
Wattage	14.4/mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life cycle	30,000 hrs

SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

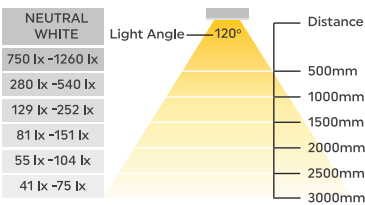
Dimensions



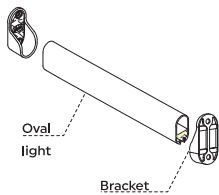
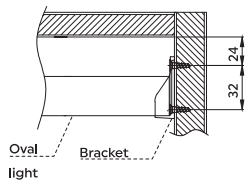
Product Image



Light distribution diagram

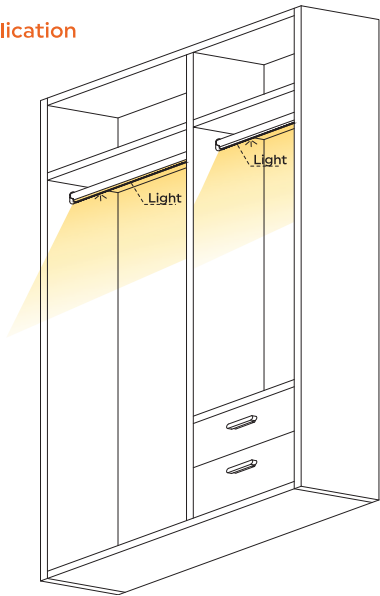


Installation



Bracket code :WRF-BL  
(To be purchased separately)

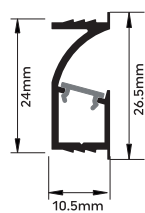
Application





LIGHT DESCRIPTION	
Mounting	Recessed
Dimmable	Yes
Light Type	Task, Accent, Cabinet
Material	Aluminium
Width	10.5mm
Height	26.5mm
Length	3mtr
Finish	Silver/Brown
Cable length	1mtr
Supplied with	1 Aluminium profile with end cap & 1 Diffuser
Code	CLPD1 (Light profile with diffuser)
	LED-501-NW (LED Strip)
	CLPD1-EC (End Cap)
ELECTRICAL PARAMETERS	
Number of LEDs	144/mtr
Wattage	11.52W/mtr
Input Voltage	24V - DC
CCT	4000k
CRI	90+
Life Cycle	30,000hrs
SENSOR DETAILS	
Sensor	External
Compatible Sensor with functions	1) Door Trigger Sensor (Automatic on-off with the open/close of shutter) 2) Touch Dimmer Sensor 3) Invisible Touch Dimmer Switch 4) Remote/Dimmer Touch Switch (Dimmer, Soft on-off)

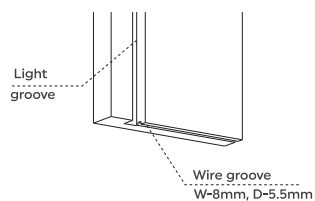
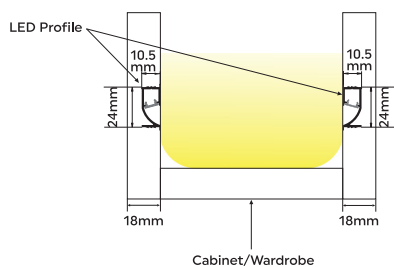
Dimensions



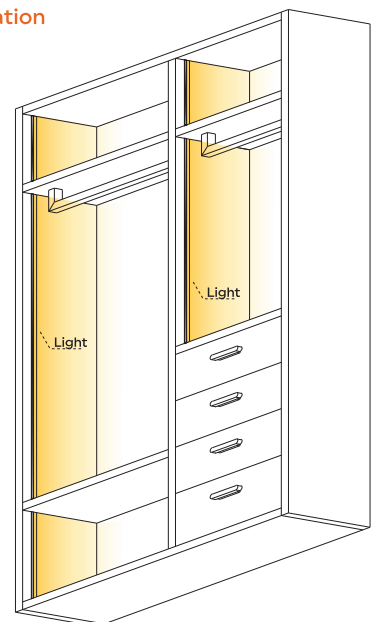
Product Images



Installation



Application



LED STRIP LIGHT



LIGHT STRIP DESCRIPTION	
Mounting	Self Adhesive
Dimmable	Yes
Width	8mm
Length	5mtr
Finish	White
Supplied with	1 Roll of 5mtr length
Code	LED-801-WW LED-801-CW LED-801-NW

LED ELECTRICAL PARAMETERS	
Number of LEDs	120/mtr
LED Type	2835
Input Voltage	24V
CCT	WW (3000K)
	NW (4000K)
	CW (6500K)
CRI	90+

2

Year

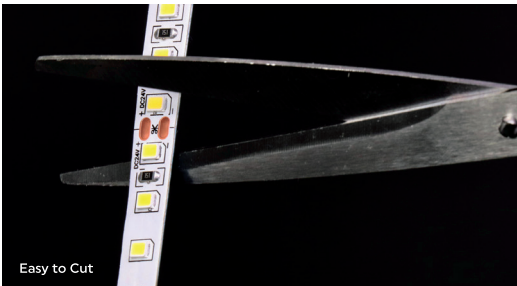
Warranty

Fluctuation  
Proof

Excellent  
CRI

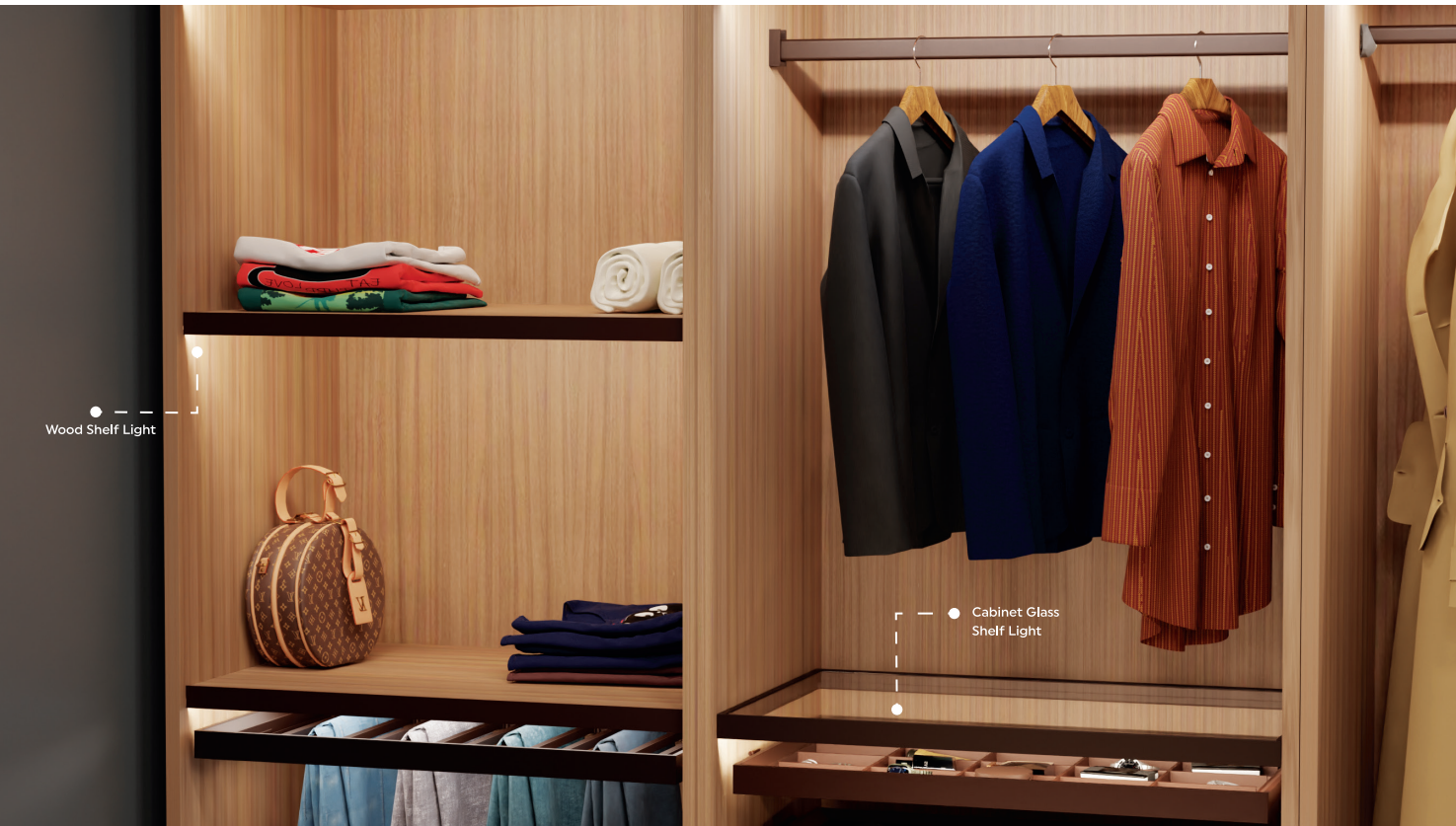
Long  
Life

Eco  
Friendly



\*Note: Ideal for applications with usage 6hrs/day

CABINET GLASS SHELF & LINEAR WOOD SHELF LED PROFILES

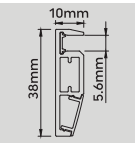

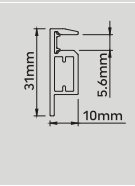



LINEAR WOOD SHELF LED PROFILE

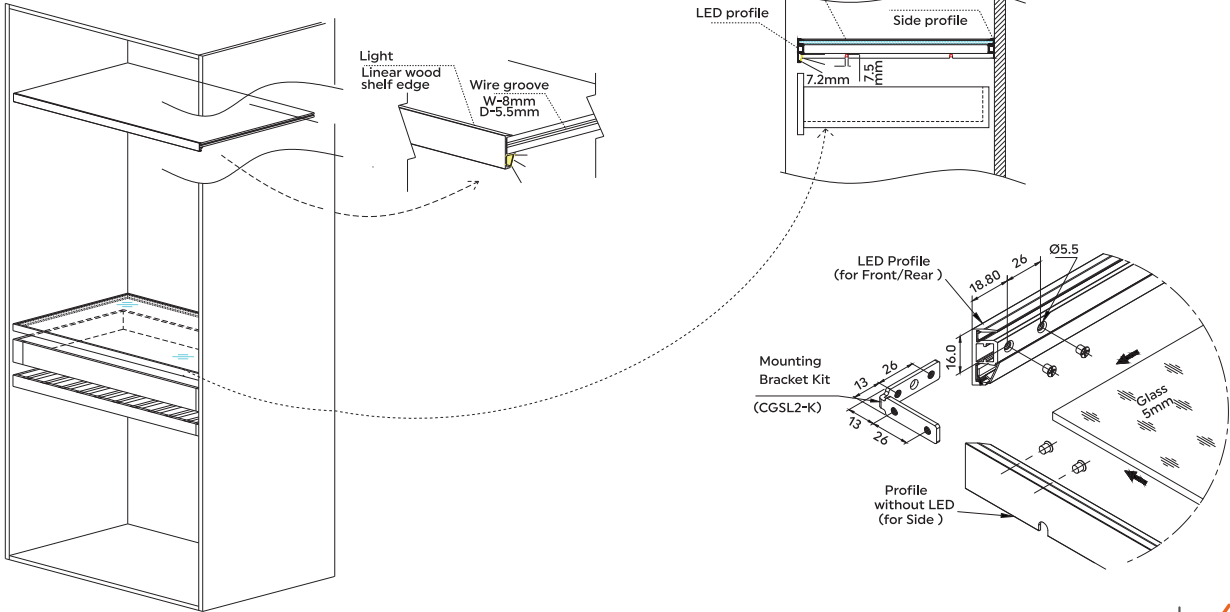
PRODUCT SPECIFICATION		
Mounting	Edge Mount	
Dimmable	Yes	
Material	Aluminium	
Width	8mm	
Height	36.5mm	
Length	3mtr	
Finish	Brown	
Supplied with	1 Profile with Diffuser	
Code	LWSEL-18-AN	

\*Note: Recommended to used with LED Strip light 8mm (refer page no. 26)

CABINET GLASS SHELF LED PROFILE

PRODUCT SPECIFICATION			
Mounting	Side Mount		
Dimmable	Yes		
Material	Aluminium		
Width	8.5mm		
Height	36.5mm		
Length	3mtr		
Finish	Brown		
Supplied with	1 Profile with Diffuser		
Code	CGSL-4-AN (Front Profile) CGSS-4-AN (Side Profile) CGSL2K (Mounting kit)		Side Profile

Installation



# LUMINORS

## APPLICATION IDEAS

Can be used for various designing purposes:



Living room

Interior Lighting, ceiling and wall lighting



Kitchen

Recessed under kitchen, cabinet lighting



Bathroom

Illuminating mirror lighting



Bedroom

Cove lighting, wardrobe cabinet lighting



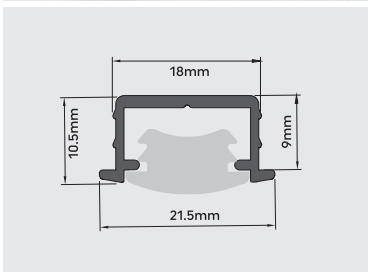
Retail

Exhibition and shelf lighting

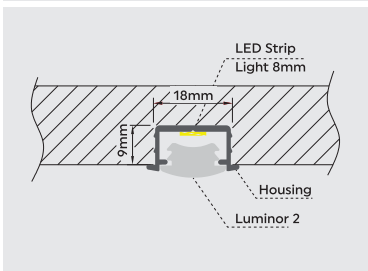
	LUMINOR Technial Data Sheet
Material:	PVC with special UV stablilzer
Light resistance (UV):	Material stablilzer to resist UV rays
Special suggestion:	LED powermax 18 Watt per meter (for use without heatsink)
Nos of led/m	120/m
Fire resistance UL 94:	Self - extinguishing material lass VO(UL94)
Temperature range:	C <sup>o</sup> :-20 C <sup>o</sup> :- +65C <sup>o</sup>
Interior use:	Yes
Exterior use:	Yes (Does not break/Doesn't become yellow)
Warranty:	5 Years (under normal use)
Life cycle:	Over 25 years

LUMINOR 2

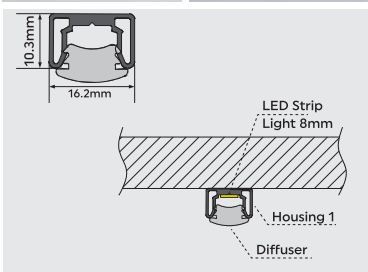
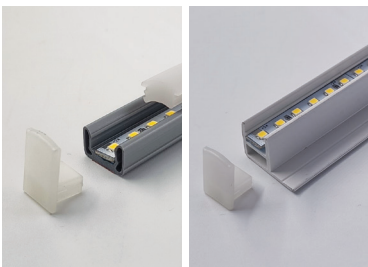
| LUMINORS |



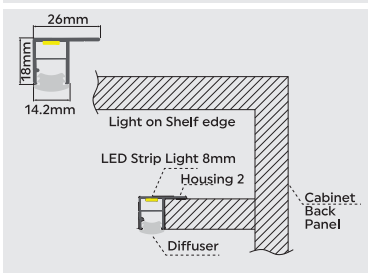
PRODUCT SPECIFICATION						
Mounting	Product	Material	Code	Length	Finish	Supplied With
Recessed	Housing Profile	Aluminium	LUM2-HP1	3mtr	Silver	1 Profile with 1 Diffuser (End cap to be purchased separately)
	Diffuser	PVC	LUM2	50mtr	Opaline	
	End Cap	Plastic	LUM2-HP1-EC	-	Opaline	



LUMINOR 3

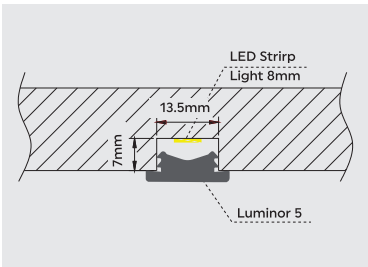
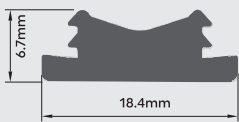


PRODUCT SPECIFICATION						
Mounting	Product	Material	Code	Length	Finish	Supplied With
Surface	Housing Profile 1	PVC	LUM3-HP1	3mtr.	White	1 Profile with 1 Diffuser (End cap to be purchased separately)
	Housing Profile 2		LUM3-HP2	3mtr.	Silver	
	Diffuser	PVC	LUM3	50mtr.	Opaline	
	End Cap	Plastic	LUM3-HP1-EC	-	Opaline	



LUMINOR 5

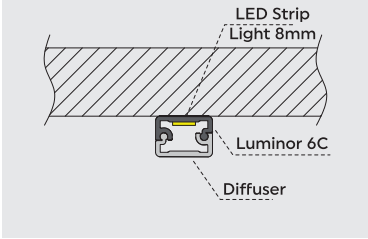
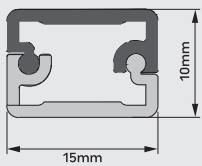
| LUMINORS |



PRODUCT SPECIFICATION

Mounting	Product	Material	Code	Length	Finish	Supplied With
Recessed	Diffuser	PVC	LUM5	50mtr.	Opaline	1 Diffuser

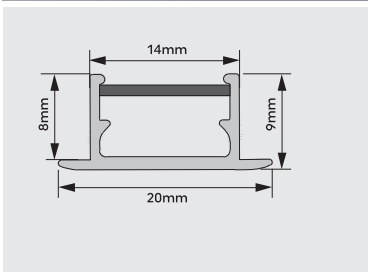
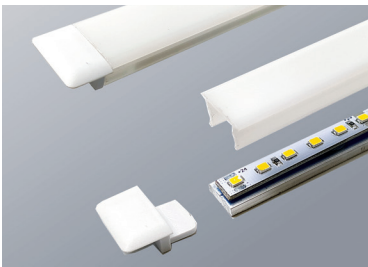
LUMINOR 6C



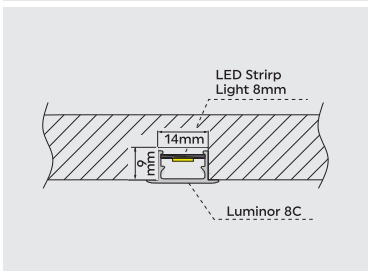
PRODUCT SPECIFICATION

Mounting	Product	Material	Code	Length	Finish	Supplied With
Surface	Base profile & Diffuser	PST	LUM6C1	3mtr.	Opaline	1 Profile with 1 Diffuser (End cap to be purchased separately)
	End Cap	Plastic	LUM6C1-EC	—	White	

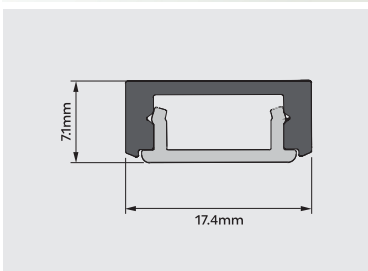
LUMINOR 8C



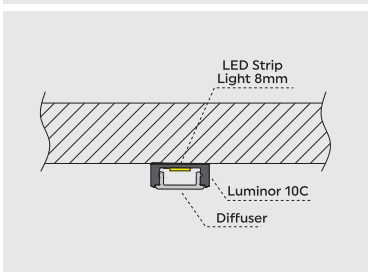
PRODUCT SPECIFICATION						
Mounting	Product	Material	Code	Length	Finish	Supplied With
Recessed	Profile	Aluminium	LUM8C1	3mtr.	Anodized Silver	1 Profile with 1 Diffuser (End cap to be purchased separately)
	Diffuser	ABS		3mtr.	Opaline	
	End Cap	Plastic	LUM8C1-EC	-	White	



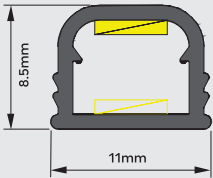
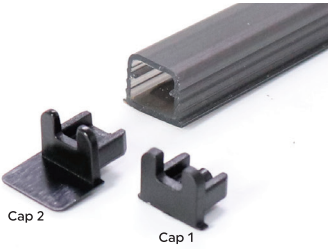
LUMINOR 10C



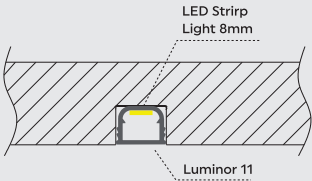
PRODUCT SPECIFICATION						
Mounting	Product	Material	Code	Length	Finish	Supplied With
Surface	Profile	Aluminium	LUM10C1	3mtr.	Black	1 Profile with 1 Diffuser (End cap to be purchased separately)
	Diffuser	ABS		3mtr.	Opaline	
	End Cap	Plastic	LUM10C1-EC	-	Black	



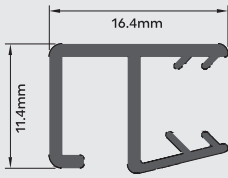
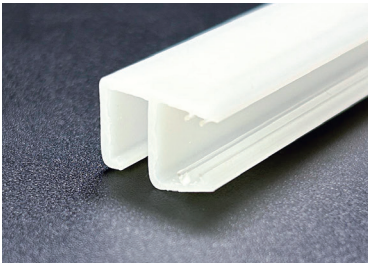
LUMINOR 11



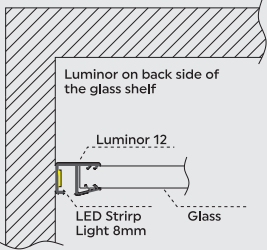
PRODUCT SPECIFICATION						
Mounting	Product	Material	Code	Length	Finish	Supplied With
Recessed	Luminor 11	PVC	LUM11	3mtr	Black	1 Pc. of 3mtr (End cap to be purchased separately)
	End Cap 1		LUM11-EC1	-	Black	
	End Cap 2	Plastic	LUM11-EC2	-	Black	



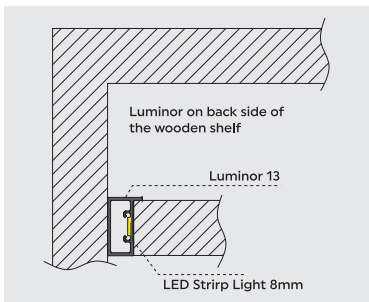
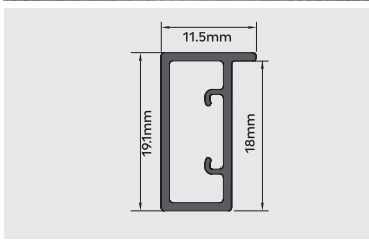
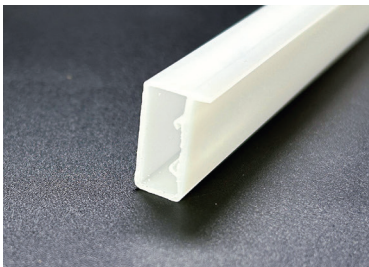
LUMINOR 12 GLASS



PRODUCT SPECIFICATION							
Mounting	Product	Material	Code	Glass THK.	Length	Finish	Supplied With
Edge	Luminor 12	ABS	LUM12G	6mm & 8mm	3mtr.	Opaline	1 Pc. of 3mtr

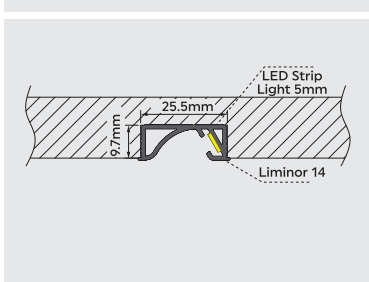
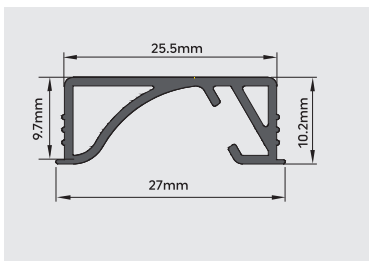
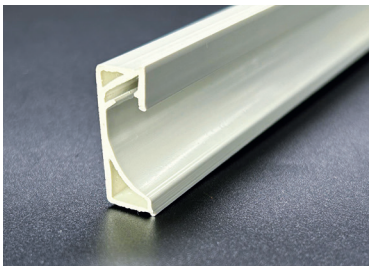


LUMINOR 13 WOOD



PRODUCT SPECIFICATION						
Mounting	Product	Material	Code	Length	Finish	Supplied With
Edge	Luminor 13	ABS	LUM13W	3mtr.	Opaline	1 Pc. of 3mtr

LUMINOR 14 COVE



PRODUCT SPECIFICATION						
Mounting	Product	Material	Code	Length	Finish	Supplied With
Recessed	Luminor 14	PVC	LUM14C	3mtr.	White/Black	1 Pc. of 3mtr

DOOR TRIGGER SENSOR  
(Surface & Recessed Mount)

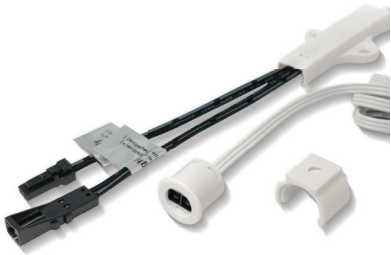


Surface Mount

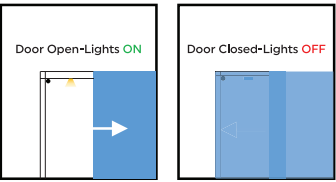


Recessed Mount

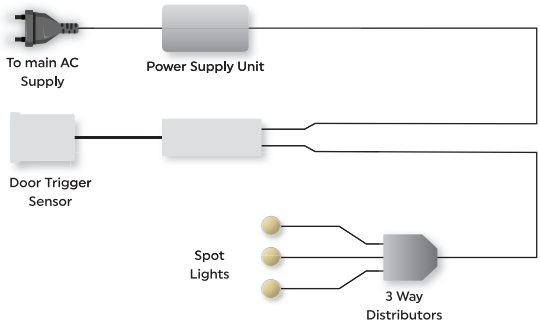
Product Images



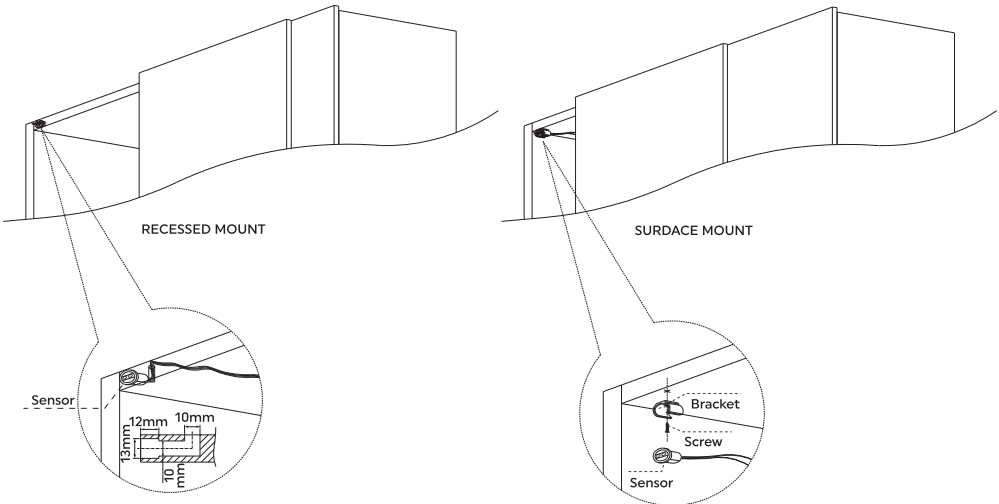
Function:



Connecting Diagram:



Installation



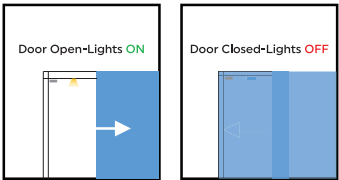
Parameters	Description
Mounting	Surface/Recessed
Dimensions	Ø15 X 13mm
Cutout size	Ø13 x 12mm Deep
Sensing distance	50-80mm
Working temperature	-20°C~+50°C
Working voltage	DC 12V/24V
Power	60W
Waterproof level	Ip20
Cable length	1 mtr
Supplied with	Sensor with 1 mtr cable & mounting clip
Finish	White
Code	DTS2-2
Function	Automatic on-off with the open/close of shutter



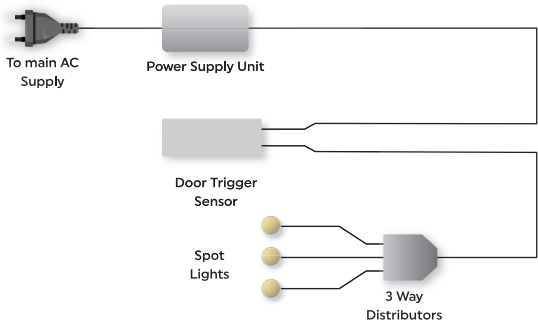
Product Images



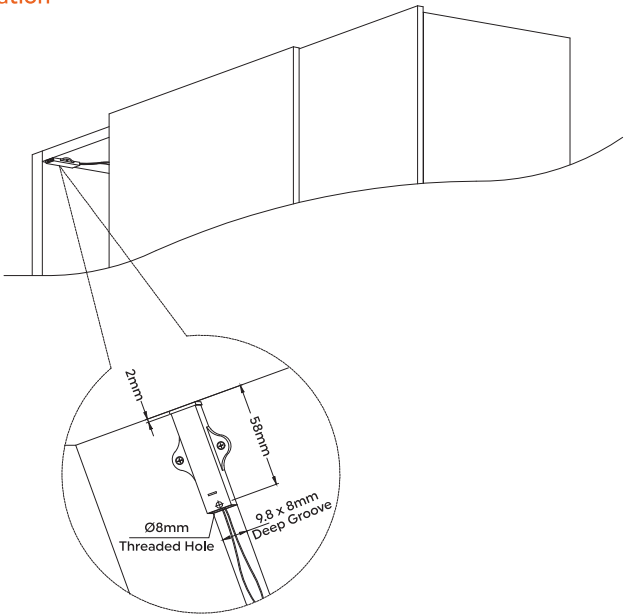
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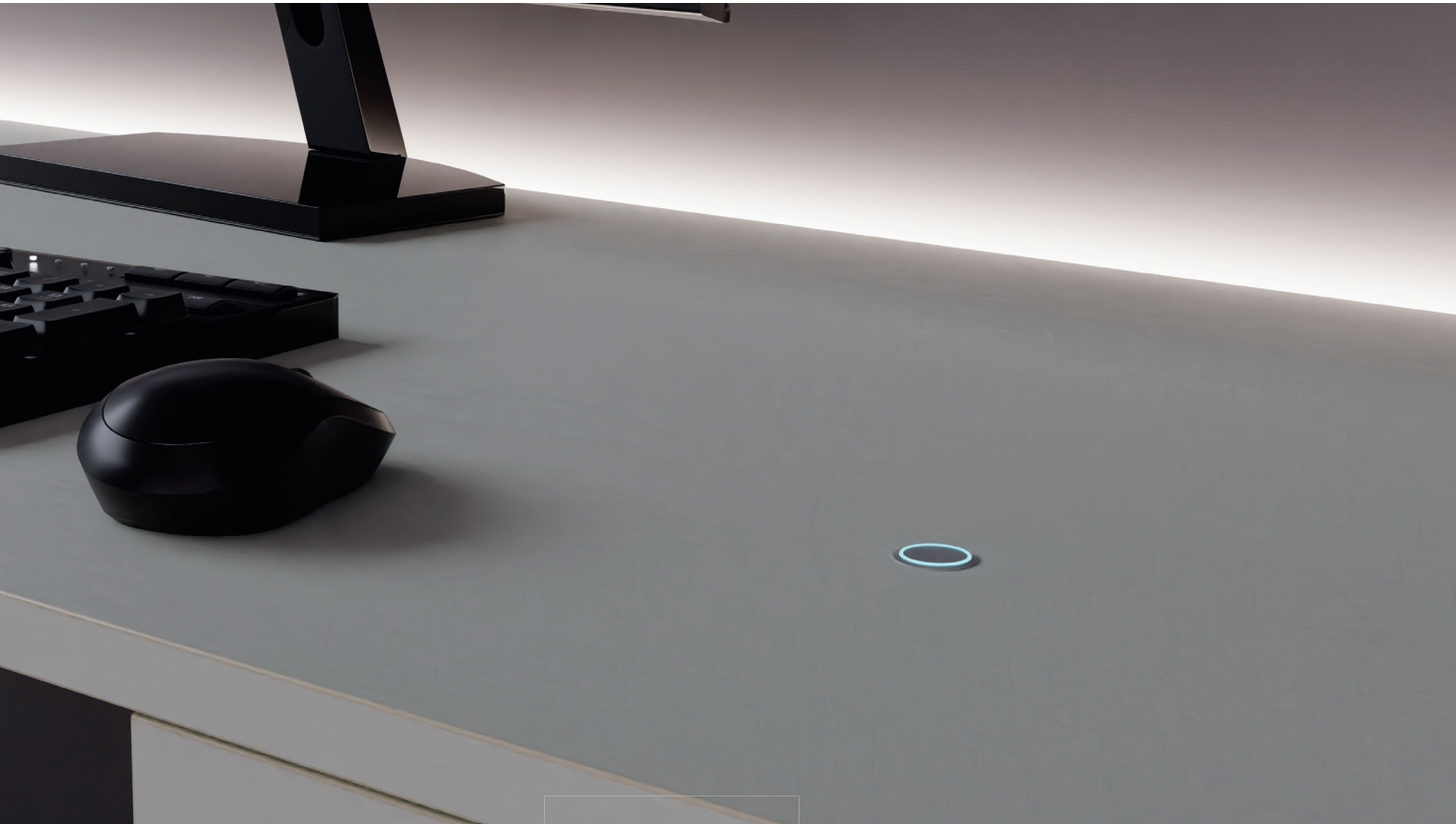
Connecting Diagram:



Installation



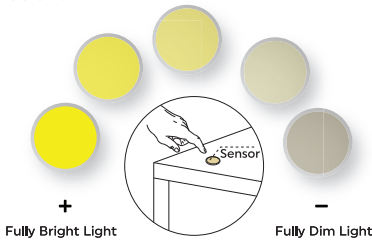
Parameters	Description
Mounting	Surface
Dimensions	60 x 28mm
Sensing distance	50mm
Working temperature	-20°C~+50°C
Working voltage	DC 12V/24V
Power	60W
Waterproof level	Ip20
Cable length	1.5 mtr
Supplied with	Sensor with 1.5mtr cable
Finish	White
Code	DTS3-2
Function	Automatic on-off with the open/close of shutter



Product Images



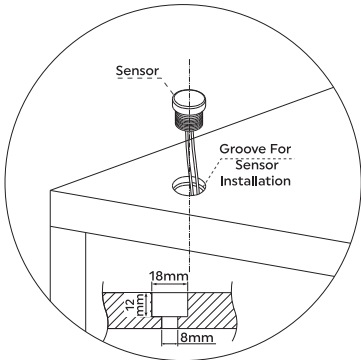
Function:



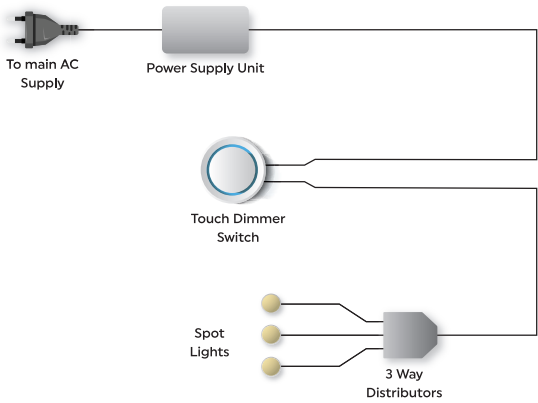
- 1) One Tap to **ON** the light
- 2) One Tap to **OFF** the light
- 3) Single Press (≤ 5 sec.) for a full **BRIGHT** effect of the light
- 4) Single Press (≤ 5 sec.) for a full **DIMING** effect of the light

Parameters	Description
Mounting	Recessed
Dimensions	Ø20 x 13mm
Cutout size	Ø18 x 12mm Deep
Touch sensing distance	0mm
Working temperature	-20°C~+50°C
Working voltage	DC 12V/24V
Power	60W
Waterproof level	Ip20
Cable length	1.5 mtr
Finish	Silver
Code	TDS-2
Function	Single touch to On/Off the sensor and long press to adjust the brightness level of light

Installation



Connecting Diagram:

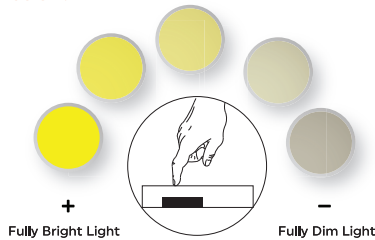




Product Images



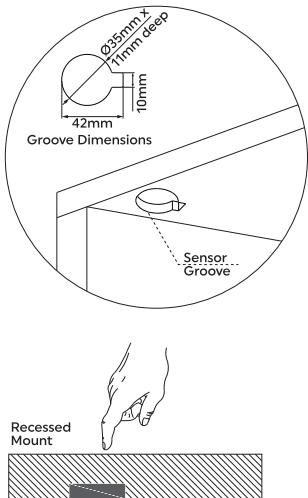
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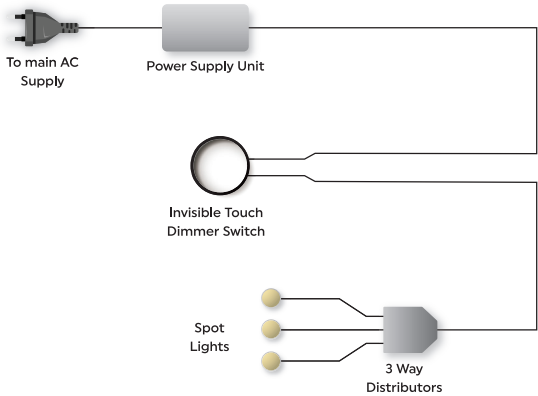
- 1) One Tap to **ON** the light
- 2) One Tap to **OFF** the light
- 3) Single Press ( $\leq 5$  sec.) for a full **BRIGHT** effect of the light
- 4) Single Press ( $\leq 5$  sec.) for a full **DIMING** effect of the light

Parameters	Description
Mounting	Recessed
Dimensions	Ø38 x 12mm
Cutout size	Ø35 x 11mm Deep
Touch sensing distance	0mm
Working temperature	-20°C~+50°C
Working voltage	DC 12V/ 24V
Power	60W
Waterproof level	Ip20
Cable length	1.5 mtr
Finish	Black
Code	ITDS-3
Function	Single touch to On/Off the sensor & long press to adjust the brightness level of light

Installation



Connecting Diagram:



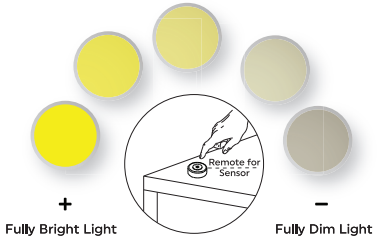
# REMOTE/TOUCH DIMMER SWITCH

(Wireless with receiver)



Product Images

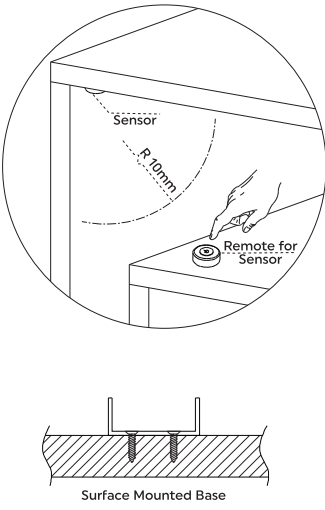
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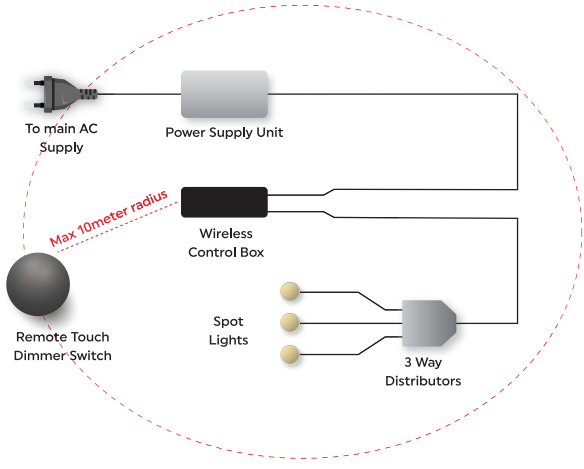
- 1) One Tap to **ON** the light
- 2) One Tap to **OFF** the light
- 3) Single Press (≤ 5 sec.) for a full **BRIGHT** effect of the light
- 4) Single Press (≤ 5 sec.) for a full **DIMING** effect of the light

Parameters	Description
Mounting	Surface
Dimensions	Ø41 x 15.9mm
Touch sensing distance	0cm
Remote control distance	10mtr
Working temperature	-20°C~+50°C
Working voltage	DC 3.0~3.3V
Power	60W
Finish	Black
Code	RDT-WRS-1
Function	Single touch to On/Off the sensor & long press to adjust the brightness level of light

Installation



Connecting Diagram:



Note: Batteries type: CR24 (Not included)



POWER SUPPLY UNIT - SERIES 2



POWER SUPPLY UNIT - SERIES 3

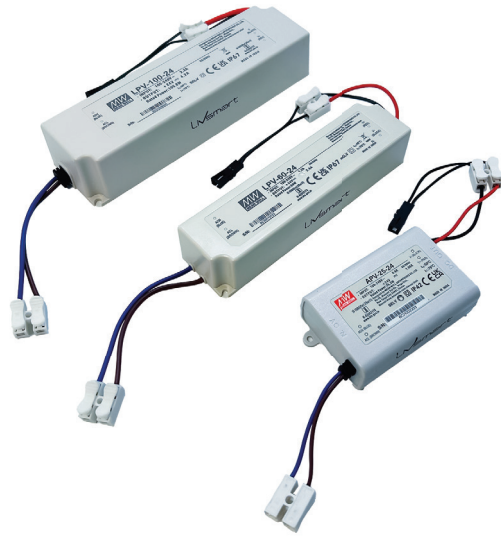
Product specification:

SPECIFICATIONS	SERIES 2			SERIES 3		
	PSU2-2424	PSU-2436	PSU2-2460	PSU3-2436	PSU3-2465	PSU3-24120
Input voltage	AC100-240V	AC100-240V	AC100-240V	AC200-240V	AC200-240V	AC220-240V
Input power	29W	40W	68W	42W	74W	132W
Output voltage	24V	24V	24V	24V	24V	24V
Output Current	1A	1.5A	2.5A	1.5A	2.7A	5A
Output power	24W	36W	60W	36W	65W	120W
No-load voltage	24V±5%	24V±5%	24V±5%	24V±5%	24V±5%	24V±5%
Total output ports	4Nos.	6Nos.	6Nos.	6Nos.	6Nos.	9Nos.
Sensor switch output ports	0	1No.	1No.	0	0	3Nos.
Short circuit protection	YES	YES	YES	YES	YES	YES
Open road protection	YES	YES	YES	YES	YES	YES
Surge protection	1000V	1000V	1000V	1500V	1500V	1500V
Environment temperature	(External) 15~45°C	(External) 15~45°C	(External) 15~45°C	(External) 15~45°C	(External) 15~45°C	(External) 15~45°C
IP rating	IP20	IP20	IP20	IP20	IP20	IP20
Size(mm) L X W X H	137 X 43 X 15	188 X 55 X 18	188 X 55 X 18	170 X 65 X 15	170 X 65 X 15	255 X 75 X 15
Warranty	3 Years	3 Years	3 Years	5 Years	5 Years	5 Years
Supplied with	Power supply unit with 1mtr cable	Power supply unit with 1mtr cable	Power supply unit with 1mtr cable	Power supply unit with 1mtr cable	Power supply unit with 1mtr cable	Power supply unit with 1mtr cable

Note:

1. The product use in ambient temperature -10 ~ 45 °C, humidity < 90%.
2. The LED light connected to the driver needs to comply with the output voltage and current range of the LED driver.
3. Pay attention to the output polarity of the LED driver, do not reverse the connection when connecting it to the LED light.
4. When testing the LED driver, please connect it to the LED light before connecting it to the electrical supply.

## POWER SUPPLY UNIT



### Product specification:

Code	App. Wattage	Input Power	Output Voltage	Finish
PSU-2408	8W	100-240V	24V	White
PSU-2416	16W			White
PSU-2425	25W			White
PSU-2460	60W			White
PSU-24100	100W			White

- Power supply unit to convert the 240V AC input current into 24V DC output current.

## DISTRIBUTORS



### Product specification:

Product name	Code	Power	No. of Output Voltage	Finish
3Way Distributor	L-D3	24V/3.5A	3	Black
6Way Distributor	L-D6		6	Black
10Way Distributor	L-D10		10	Black

- 6-Way/3-Way/10 -Way distributor allows you to connect up to (3/6/10) 24V linear LED lights respectively.

## EXTENSION CORD



### Product specification:

Code	Length	Length
L-EC2	2mtr.	Black

- Portable extension cord to extend the connection leads of the LED lights.

\*Note - In our quest for quality, we constantly improve designs, features and specifications of our products. We therefore reserve the right to alter or change the design specifications without prior notification.

#The colour of the products in this catalogue may not match the actual colour due to printing limitations.

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