LINEAR LUX
LED LIGHTING SOLUTIONS

OVER 15 YEARS EXPERIENCE

EXPERT ADVICE

PROFESSIONAL PRODUCTS

COMPLETE SOLUTIONS

GO TO OUR WEBSITE FOR STOCK AVAILABILITY, DATA SHEETS AND PRICING

WE MANUFUACTURE LED LINEAR LIGHTS TO YOUR SPECIFICATIONS USING ANY OF OUR ALUMINIUM PROFILES OF ANY LENGTH UP TO 3m

FLEXIBLE LED STRIP LIGHT

DRIVERS

CONTROLLERS

PROFILE

CUSTOM LED LINEAR LIGHTS

POWER SUPPLIES

SMART OUTDOOR LIGHTS

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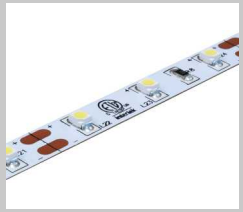
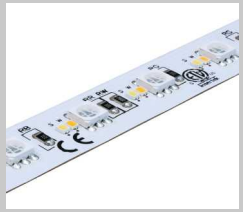
FLEXIBLE LED STRIP LIGHT SELECTION GUIDE

COMMERCIAL QUALITY

LONG-LIFE

CONSISTANT COLOUR (CCT)

	SERIES 1 3528|60|4.8 LO LUX	SERIES 3 3528|120|9.6 MID LUX	SERIES 4 2016|120|14.4 Narrow	SERIES 5 2835|120|14.4 HI LUX	SERIES 7 2835|240|24 ULTRA LUX	SERIES RGB 5050|84|26.4 Colour Changing	SERIES RGB +CCT 5050+2016|84|17.1 Colour Changing
							
Electrical Data							
Voltage	12.0 VDC	12.0 VDC	24.0 VDC	12.0 / 24.0 VDC	24.0 VDC	24.0 VDC	24.0 VDC
Wattage per metre	4.8W	9.6W	14.4W	14.4W	24W	17.1W	26.4W
Current per metre	0.4 A / 12 V	0.8 A / 12 V	0.6 A / 24 V	1.2 A / 12 V | 0.6 A / 24 V	1.0 A / 24 V	0.71 A / 24 V	1.1 A / 24 V
LED Data							
LED type	3528	3528	2016	2835	2835	5050 RGB	5050 RGB | 2016 CW+WW
Manufacturer	Dilux	Dilux	Dilux	Dilux	Dilux	Dilux	Dilux
No. of chips per LED	1	1	1	1	1	3	3 | 1
No. of LEDs per metre	60	120	120	120	240	84	60 | 120
LED pitch	16.67 mm	8.35 mm	8.35 mm	8.35 mm	4.17 mm	11.9 mm	16.67 mm
Photometric Data							
Colour temperature	3,000 4,000 6,000°K	3,000 4,000 6,000°K	3,000 4,000 6,000°K	2,400 3,000 4,000 6,000°K	3,000 4,000 6,000°K	Red, Green & Blue	Red, Green & Blue + 2,450~6100°K
Colour rendering index RA	>80	>80	>90	>80	>80	N/A	>90 (2016)
Luminous flux per metre	450 lm >3,700°K 420 lm >3,200°K	900 lm >3,700°K 840 lm >3,200°K	1,260 lm >3,700°K 1,200 lm >3,200°K	1,680 lm >3,700°K 1,500 lm >3,200°K	2,880 lm >3,700°K 2,520 lm >3,200°K	126 lm Red, 504 lm Green 84 lm Blue	90 lm Red, 360 lm Green 60 lm Blue 480 lm 2,450°K 600 lm 6,000°K
Luminous efficacy	93.75 lm/W >3,700°K	93.75 lm/W >3,700°K	87.5 lm/W >3,700°K	117 lm/W >3,700°K	120 lm/W >3,700°K	-	-
Construction / Protection Data							
Substrate	Double layer PPCB	Double layer PPCB	Double layer PPCB	Double layer PPCB	Double layer PPCB	Double layer PPCB	Double layer PPCB
Thickness of FPCB	2 oz	2 oz	2 oz	2 oz	2 oz	2 oz	3 oz
IP Rating	20, 54, 67	20, 54, 67	20, 54, 67	20, 54, 67	20, 54	20, 54, 67	20, 54, 67
Dimensions							
Thickness of FPCB	3 LEDs / 50mm (12V)	3 LEDs / 25mm (12V)	6 LEDs / 50mm (24V)	3 LEDs / 25mm (12V) 6 LEDs / 50mm (24V)	6 LEDs / 25mm (24V)	6 LEDs / 71.4mm (24V)	18 LEDs / 100mm (24V)
Length	5,000mm	5,000mm	5,000mm	5,000mm	5,000mm	5,000mm	5,000mm
Width	8.0mm	8.0mm	5.0mm	8.0mm	10.0mm	10.0mm	10.0mm
Height	2.1mm	2.1mm	1.0mm	1.2mm	1.2mm	1.8mm	1.8mm

CONTROLLERS

WIRELESS REMOTES

DIMMER WALLPLATE

CCT (2 COLOUR) WALLPLATE

RGB / RGBW WALLPLATE

RGB+CCT WALLPLATE

WIRELESS WALLPLATES

DIMMER WALLPLATE

CCT (2 COLOUR) WALLPLATE

RGB / RGBW WALLPLATE

RGB+CCT WALLPLATE

WIRELESS RECEIVERS

DIMMER + CCT RECEIVER

RGB / RGBW RECEIVER

RGB+CCT RECEIVER

UNIVERSAL RECEIVER

EXPANSION MODULES

SIGNAL CONVERTERS

AMPLIFIER / EXTENDER

WIFI GATEWAY

0/1-10V &
PUSH BUTTON DIMMER

DALI SINGLE CONTROLLER

DALI 5CH CONTROLLER

POWER SUPPLIES

CONSTANT VOLTAGE LED DRIVERS

All drivers are Australian Approved & fitted with Australian mains plug

Adj V
Allows the output voltage to be adjusted by +/-10%

Wallplate Triac Dimmable
Dimmable by the use of either a standard trailing or leading edge dimmer

3 in 1 Dimmable
Dimmable by the following methods:
– 0~10Vdc
– 10V PWM signal
– Resistance

MEAN WELL
AUTHORISED RESELLER

25~240W

ADAPTOR

THIS IS A SELECTION OF POPULAR DRIVERS FROM OUR MUCH LARGER STOCKED RANGE

	VOLTAGE	WATTAGE	AMPS	ADJ V	DIMMABLE	DIMENSIONS L W H (mm)
PLN-30-12	12V	30W	2.5A	NO	NO	145x47x30 IP64 | 3YR WTY
PLN-30-24	24V	30W	1.25A	NO	NO	
PDV-30-12	12V	30W	2.5A	NO	TRIAC	155x54x20 IP20 | 5YR WTY
PDV-30-24	24V	30W	1.25A	NO	TRIAC	
PWM-40-12	12V	40W	3.3A	NO	3 in 1	150x53x35 IP67 | 5YR WTY
PWM-40-24	24V	40W	1.7A	NO	3 in 1	
ELG-75-12	12V	75W	5A	NO	NO	180x63x36 IP67 | IP65 (AB) 5YR WTY
ELG-75-12AB	12V	75W	5A	YES	3 in 1	
ELG-75-24	24V	75W	3.2A	NO	NO	
ELG-75-24AB	24V	75W	3.2A	YES	3 in 1	
PDV-75-12	12V	75W	6.3A	NO	TRIAC	155x54x20 IP20 | 5YR WTY
PDV-75-24	24V	75W	3.1A	NO	TRIAC	
PWM-90-12	12V	90W	7.5A	NO	3 in 1	171x63x38 IP67 | 5YR WTY
PWM-90-24	24V	90W	3.7A	NO	3 in 1	
PDV-100-12	12V	100W	8.3A	NO	TRIAC	230x70x43 IP66 | 5YR WTY
PDV-100-24	24V	100W	4.1A	NO	TRIAC	
PWM-120-12	12V	120W	10A	NO	3 in 1	191x63x38 IP67 | 5YR WTY
PWM-120-24	24V	120W	5A	NO	3 in 1	
ELG-150-12	12V	150W	10A	NO	NO	219x63x36 IP67 | IP65 (AB) 5YR WTY
ELG-150-12AB	12V	150W	10A	YES	3 in 1	
ELG-150-24	24V	150W	6.2A	NO	NO	
ELG-150-24AB	24V	150W	6.2A	YES	3 in 1	
ELG-200-12	12V	200W	16A	NO	NO	244x71x38 IP67 | IP65 (AB) 5YR WTY
ELG-200-12AB	12V	200W	16A	YES	3 in 1	
ELG-200-24	24V	200W	8.4A	NO	NO	
ELG-200-24AB	24V	200W	8.4A	YES	3 in 1	
PDV-200-12	12V	200W	16.6A	NO	TRIAC	265x78x47 IP66 | 5YR WTY
PDV-200-24	24V	200W	8.3A	NO	TRIAC	
ELG-240-24	24V	240W	10A	NO	NO	244x71x38 IP67 | IP65 (AB) 5YR WTY
ELG-240-24AB	24V	240W	10A	YES	3 in 1	
HLG-320H-12	12V	320W	22A	NO	NO	252x90x44 IP67 | IP65 (AB) 7YR WTY
HLG-320H-12AB	12V	320W	22A	YES	3 in 1	
HLG-320H-24	24V	320W	13.3A	NO	NO	
HLG-320H-24AB	24V	320W	13.3A	YES	3 in 1	
HLG-600H-12	12V	600W	40A	NO	NO	280x144x49 IP67 | IP65 (AB) 7YR WTY
HLG-600H-12AB	12V	600W	40A	YES	3 in 1	
HLG-600H-24	24V	600W	25A	NO	NO	
HLG-600H-24AB	24V	600W	25A	YES	3 in 1	

120~1,600W

BATTERY CHARGER

15W~10KW

ENCLOSED

1, 2 & 3ph
10~960W
AC-DC
DC-DC
UPS

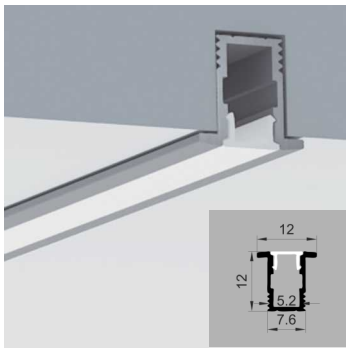
DIN RAIL

0.5~1,000W

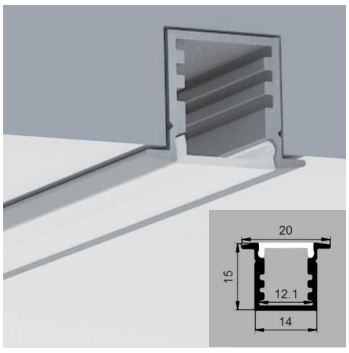
DC-DC CONVERTERS

LED ALUMINIUM PROFILES

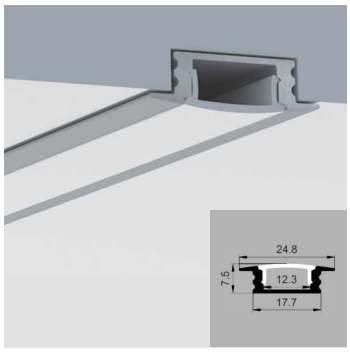
SUPPLIED IN 3m LENGTHS - HARDWARE INCLUDED



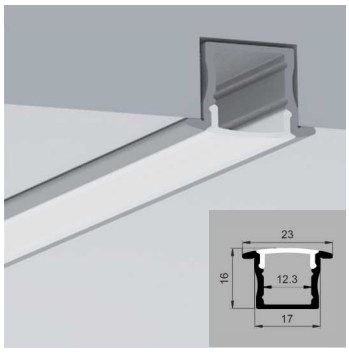
RECESSED | MICRO | DEEP



RECESSED | MINI | DEEP



RECESSED| MEDIUM | SHALLOW



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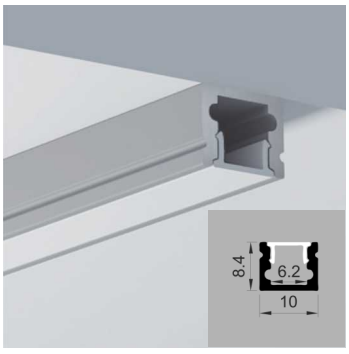
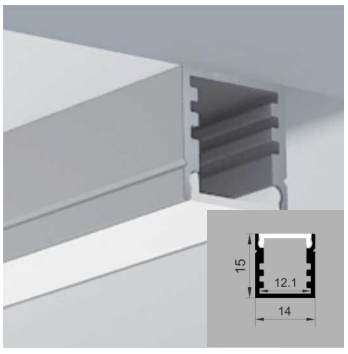
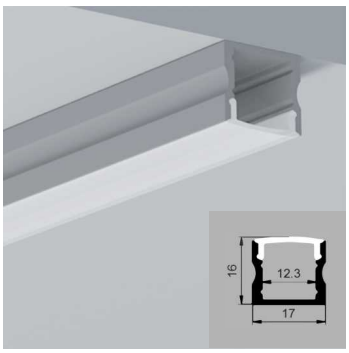


SURFACE | MICRO | SHALLOW

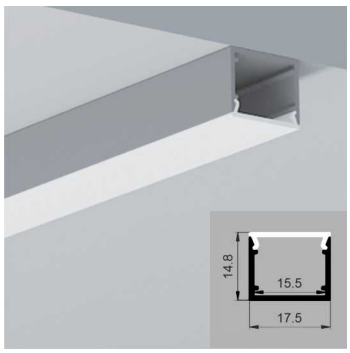


SURFACE | MINI | DEEP

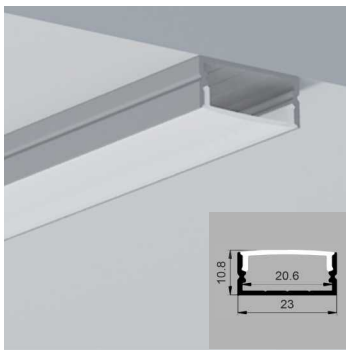
SURFACE | MEDIUM | SHALLOW



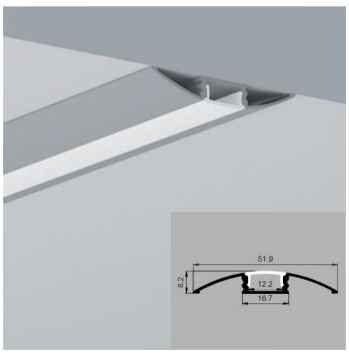
SURFACE | MEDIUM | DEEP



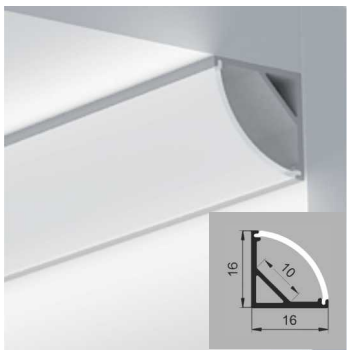
SURFACE | MEDIUM | DEEP



SURFACE | LARGE | SHALLOW



SURFACE | DOME



CORNER | ROUND

OUTDOOR LIGHTS

SMART OUTDOOR LIGHTS | RGB+CCT COLOUR CHANGING

CONTROLLED BY HANDHELD REMOTE, WIRELESS WALLPLATE, WIFI MOBILE APP & VOICE CONTROL

ONLY 2 WIRES

9 & 15W RGB+CCT GARDEN LIGHT

ONLY 3 WIRES

10W RGB+CCT FLOODLIGHT

ONLY 3 WIRES

5W RGB+CCT DECK LIGHT

ONLY 3 WIRES

9W RGB+CCT DECK LIGHT

SIGN MODULES

1.2W BACKLIGHT MODULE

3W EDGELIGHT MODULE

RGB BACKLIGHT 0.72W

SWITCHES & SENSORS

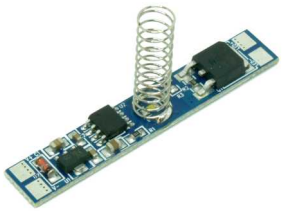
THIS IS A SMALL SELECTION OF AN EVER EXPANDING RANGE OF UNIQUE SWITCHES AND SENSORS. SEE WEBSITE FOR MORE TYPES

TOUCH DIMMER SWITCH

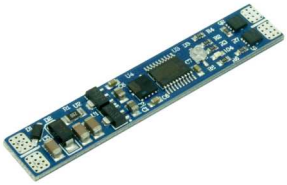
TOUCH DIMMER SWITCH ILLUMINATED

DOOR OPEN/CLOSE SENSOR
HAND WAVE ON/OFF SENSOR

PIR SENSOR



LED PROFILE TOUCH DIM MODULE



LED PROFILE HAND WAVE DIM MODULE

LED PROFILE PIR SENSOR MODULE

THESE LED PROFILE MODULES ARE MOUNTED WITHIN THE ALUMINIUM PROFILE