



# Clipsal LED Lighting and Control

Residential, commercial  
and industrial applications.  
Vol 6

[clipsal.com/lighting](https://clipsal.com/lighting)

Life Is On

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by Schneider Electric

## Clipsal lighting

The Clipsal lighting range continues to grow with the simple mandate to provide energy-efficient light fittings that use intelligent design and innovative technologies. An industry leader, we are focused on developing options that challenge conventional thinking. We understand that in today's modern installations, lighting can no longer be considered in isolation. It must form part of a system and be able to work seamlessly and respond to the many input commands it receives from energy management, lighting control and dimming products.

With the boundaries between lighting and control converging, Clipsal is in a unique position to not only deliver the market with the products it will require, but to actively lead it.

As the lighting industry continues to experience consistent and rapid change, it is important to put your trust in a supplier who will not only move with this change, but will pioneer new technologies and solutions. Clipsal has been doing this for almost 100 years.

## Clipsal compatibility

Clipsal is the only lighting supplier in Australia with the ability to provide light fittings that have been designed and tested to be truly compatible. Clipsal lighting is compatible with a range of Clipsal wall switches, dimmers, sensors, control systems and more.

Don't risk the problems associated with mixing different brands of lighting and control and insist on Clipsal because with Clipsal you're in control.



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# LED Downlights

## TPDL1C1 Series

### Application

The TPDL1C1 LED Downlight is suitable for multiple illumination applications from residential to commercial buildings. The slightly recessed frosted diffuser ensures reduced glare and soft glow output. The integrated colour temperature selector switch enables the choice of 3000 K, 4000 K and 6000 K outputs to ensure the perfect illumination for a wide variety of installations.



### Simple fusion technology

Integral driver, tri-temperature selection and twist lock changeable trim combine cutting edge technology into a simple and easy to install LED Downlight.



Perfect for illumination in residential installations

### Ordering Matrix

Catalogue Number	Description
TPDL1C1	LED Downlight, 9 W, IP44, 3 K / 4 K / 6 K, White Trim
TPDL1C1B10	LED Downlight, 9 W, IP44, 3 K / 4 K / 6 K, White Trim (10 Pack)
TPDL1TBC	LED Downlight, Accessory, Brushed Chrome Trim

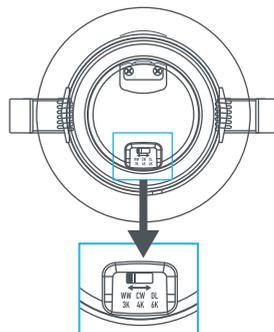
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## Specifications

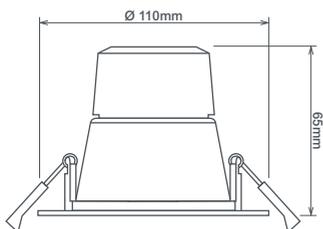
Catalogue Number		TPDL1C1
Voltage Rating	240 Vac, 50 Hz	
Total System Power	9 W	
Dimmable	Yes	
Lumens	> 700 lm	
Colour Temperature	3000 K / 4000 K / 6000 K	
CRI	> 80	
IP Rating	IP44	
Beam Angle	90 degrees	
Lifespan (L70)	30.000 hrs	
Operating Temperature	-10°C to +45°C	
Operating Humidity	+10% to +95% Non Condensing	

## Colour Temperature Selectable

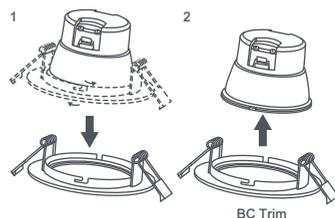


## Construction

Catalogue Number		TPDL1C1
Mounting Depth	65 mm	
Trim Width	110 mm	
Cut-out	90 mm	
Weight	0.227 kg	



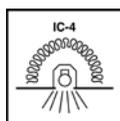
## Trim Changeable



Compatible with Clipsal LED Dimmers

## Dependable Dimming

Designed and tested to work with Clipsal LED Dimmers to ensure smooth dimming performance and true compatibility.



This unit has an IC-4 Abutted & Covered rating. A recessed product that has this rating allows fixed building insulation material to cover or be abutted against the product



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



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# LED Downlights

## TPDL2K Series

### Application

Perfect for general illumination in residential or commercial buildings, this range of downlights are available in 3000 K and 4000 K colour temperatures. The warmer output is perfect for areas that experience high traffic and entertainment, while the cooler output versions are great for working environments that require maximum illumination.



### Flexibility for precise illumination

With an extra wide trim, integral driver, flex & plug and low profile, the Clipsal TPDL2K Series of LED Downlights are unobtrusive and easy to install. With a highly engineered output, this series achieves the optimum lighting effect.



High lumen output for larger spaces

### Ordering Matrix

Catalogue Number	Description
TPDL2K3	LED Downlight, 9 W, IP44. 3000 K, White Trim
TPDL2K4	LED Downlight, 9 W, IP44, 4000 K, White Trim

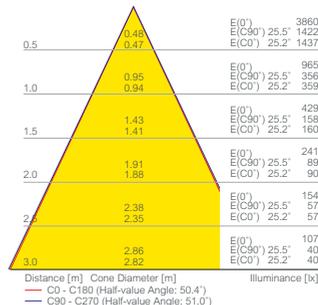
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## Specifications

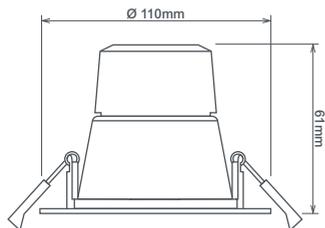
Catalogue Number	TPDL2K3	TPDL2K4
Voltage Rating	240 Vac, 50 Hz	240 Vac, 50 Hz
Total System Power	9 W	9 W
Dimmable	Yes	Yes
Lumens	> 950 lm	> 950 lm
Colour Temperature	3000 K	4000 K
CRI	> 80	> 80
IP Rating	IP44	IP44
Beam Angle	90 degrees	90 degrees
Lifespan (L70)	50,000 hrs	50,000 hrs
Operating Temperature	-10°C to +45°C	
Operating Humidity	+10% to +95% Non Condensing	

## Cone Diagram



## Construction

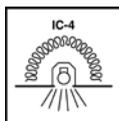
Catalogue Number	TPDL2K3	TPDL2K4
Mounting Depth	61 mm	61 mm
Trim Width	115 mm	115 mm
Cut-out	90 mm	90 mm
Weight	0.250 kg	0.250 kg



Compatible with Clipsal LED Dimmers

## Dependable Dimming

Designed and tested to work with Clipsal LED Dimmers to ensure smooth dimming performance and true compatibility.



This unit has an IC-4 Abutted & Covered rating. A recessed product that has this rating allows fixed building insulation material to cover or be abutted against the product



AS/NZS60598.2.2  
 AS/NZS61347.1  
 AS/NZS61347.2.13  
 CISPR15



**3000 K**  
Colour temp

**4000 K**  
Colour temp

**Energy Efficient**

# LED Ceiling Lights

## TPCL Series

### Application

This functional and economical luminaire is suitable for residential and commercial applications such as hallways, bedrooms, bathrooms, small offices, public buildings and aged care facilities.

### Flexibility for general lighting installations

A dimmable fitting with a colour changing switch, this fitting is a functional option as a general light source. Ideal for those wanting the added value of long life with highly efficient LED technology.



Functional fitting with high output

### Ordering Matrix

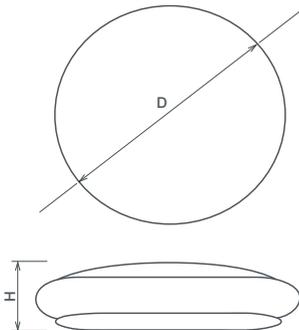
Catalogue Number	Description
TPCL1C1	LED Ceiling Light, 20 W, 3 K / 4 K / 6 K
TPCL1C1SEN	LED Ceiling Light, 20 W, 3 K / 4 K / 6 K, with Sensor

## Specifications

Catalogue Number	TPCL1C1	TPCL1C1SEN
Voltage Rating	240 Vac, 50 Hz	
Total System Power	20 W	20 W
Dimmable	Yes	No
Lumens	1300 lm	1300 lm
Colour Temperature	Selectable - 3000 K / 4000 K / 6000 K	
CRI	80	
IP Rating	IP20	
Beam Angle	120 degrees	
Lifespan (L70)	30,000 hrs	
Fitting Colour	White base with opal diffuser	
Operating Temperature	0°C to +45°C	
Operating Humidity	+10% to +95% Non Condensing	
Sensor Technology		Microwave
Sensor Detection Angle		360 degrees
Sensor Detection Range		1 meter - 6 meter
Sensor Timer Span		5 sec / 90 sec / 5 min / 15 min
Sensor Lux Level Range		5 lux - 2000 lux

## Construction

Catalogue Number	TPCL1C1	TPCL1C1SEN
Diameter (D)	335 mm	335 mm
Height (H)	80 mm	80 mm
Mounting	Surface mount	
Material	Metal base with polycarbonate diffuser	



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



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Energy  
Efficient

# LED Panel Lights

## TPLP Series

### Application

General illumination for commercial buildings that require specific lighting requirements. Suitable for offices, schools, hospitality and retail applications where long life and low maintenance is required.

### Slim in design large on output

Designed to be an energy-efficient replacement for fluorescent technology, this LED panel is supplied with a remote driver and soft glow diffuser to minimise glare in a sleek low profile design. Able to be mounted in a standard metric T-Bar grid, plaster recessed or surface mounted, this luminaire can also be suspended for modern interiors.



Specific lighting for commercial buildings

### Ordering Matrix

Catalogue Number	Description
TPLP3	LED Panel, 36 W, 4 K, 600 mm x 600 mm
TPLP4	LED Panel, 36 W, 4 K, 1200 mm x 300 mm
TPLP5	LED Panel, 36 W, 5 K, 600 mm x 600 mm
TPLP6	LED Panel, 36 W, 5 K, 1200 mm x 300mm
TPLPDRV	Driver for LED Panel - Standard
TPLPDRVDALI	Driver for LED Panel - DALI
TPLPPRF6	Plaster Frame Kit for 600 mm x 600 mm

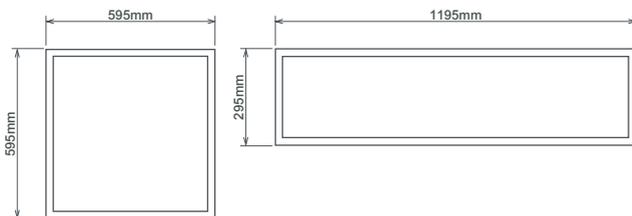
Catalogue Number	Description
TPLPPRF12	Plaster Frame Kit for 1200 mm x 300 mm
TPLPSMK6	Surface Mount Kit for 600 mm x 600 mm
TPLPSMK12	Surface Mount Kit for 1200 mm x 300 mm
TPLPSSKU	Suspension Kit (Universal)

## Specifications

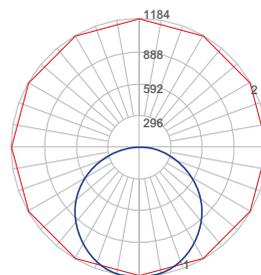
Catalogue Number	TPLP3	TPLP4	TPLP5	TPLP6
Voltage Rating	240 Vac, 50 Hz			
Total System Power	40 W	40 W	40 W	40 W
LED Power	36 W	36 W	36 W	36 W
Dimmable	No - only with DALI Driver option			
Lumens	> 3500 lm	> 3500 lm	> 3700 lm	> 3700 lm
Colour Temperature	4000 K	4000 K	5000 K	5000 K
CRI	> 80	> 80	> 80	> 80
IP Rating	IP20	IP20	IP20	IP20
UGR	≤ 22	≤ 22	≤ 22	≤ 22
Lifespan (L70)	50.000 hrs	50.000 hrs	50.000 hrs	50.000 hrs
Power Factor	> 0.9	> 0.9	> 0.9	> 0.9
Operating Temperature	-10°C to +50°C			
Operating Humidity	+10% to +95% Non Condensing			

## Construction

Catalogue Number	TPLP3	TPLP4	TPLP5	TPLP6
Length	595 mm	1195 mm	595 mm	1195 mm
Width	595 mm	295 mm	595 mm	295 mm
Height	11 mm	11 mm	11 mm	11 mm



## Polar Candela Curve



TPLP1



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



5000 K  
Colour temp

4000 K  
Colour temp

Energy  
Efficient

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# LED Floodlights

## TPFLS Series

### Application

This discrete slimline design is suitable for residential and commercial exterior applications. The 4000 K colour temperature produces a warmer light output when compared to traditional floodlights, making them ideal for entertaining areas, entrance and security spaces.

### The floodlight that punches above its weight

This floodlight differs from others on the market with its slimline profile. Coupled with a traditional black housing, the product becomes unobtrusive when not in use. An adjustable trunnion arm allows for the output to be easily directed to achieve the optimum lighting effect.



Great for illuminating entrance and security spaces

### Ordering Matrix

Catalogue Number	Description
TPFLS10LED	LED Floodlight, 10 W, IP65, 4000 K
TPFLS20LED	LED Floodlight, 20 W, IP65, 4000 K
TPFLS50LED	LED Floodlight, 50 W, IP65, 4000 K
TPFLS100LED	LED Floodlight, 100 W, IP65, 4000 K

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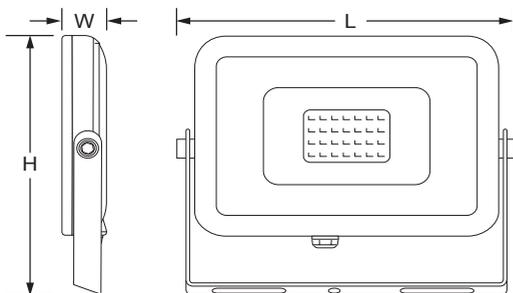
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## Specifications

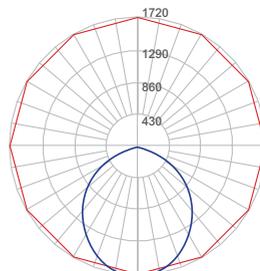
Catalogue Number	TPFLS10LED	TPFLS20LED	TPFLS50LED	TPFLS100LED
Voltage Rating	240 Vac, 50 Hz	240 Vac, 50 Hz	240 Vac, 50 Hz	240 Vac, 50 Hz
LED Power	10 W	20 W	50 W	100 W
Dimmable	No	No	No	No
Lumens	> 900 lm	> 1800 lm	> 4500 lm	> 9000 lm
Colour Temperature	4000 K	4000 K	4000 K	4000 K
CRI	> 70	> 70	> 70	> 70
IP Rating	IP65	IP65	IP65	IP65
Beam Angle	100 degrees	100 degrees	100 degrees	100 degrees
Lifespan (L70)	30,000 hrs	30,000 hrs	30,000 hrs	30,000 hrs
Cable Length	900 mm	900 mm	900 mm	900 mm
Operating Temperature	-10°C to +40°C			
Operating Humidity	+10% to +95% Non Condensing			

## Construction

Catalogue Number	TPFLS10LED	TPFLS20LED	TPFLS50LED	TPFLS100LED
Length (L)	116 mm	166 mm	210 mm	357 mm
Height (H)	86 mm	122 mm	155 mm	260 mm
Width (W)	27 mm	29 mm	33 mm	45 mm
Material	Thermal plastic aluminum body with toughened glass			



## Polar Candela Curve



TPFLS50LED

Weatherproof  
IP65

4000 K  
Colour temp

Energy  
Efficient



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



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# LED Floodlights

## TPFLS Sensor Series

### Application

Perfect for general security illumination, this discrete slimline design with PIR sensor is suitable for residential and commercial exterior applications. The 4000 K colour temperature produces a warmer light output when compared to traditional floodlights, making them ideal for entrance, pathways and carports.

### Slim, security and safety all in one

An adjustable microwave sensor allows for easy direction for optimum detection and performance. This floodlight differs from others on the market with its slimline profile. Coupled with a traditional black housing, the product becomes unobtrusive when not in use.



Integral lighting control suitable for entry areas

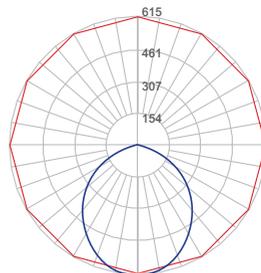
### Ordering Matrix

Catalogue Number	Description
TPFLS20SENLED	LED Sensor Floodlight, 20 W, IP44, 4000 K

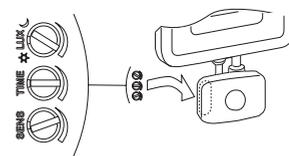
## Specifications

Catalogue Number	FLS20SENLED
Voltage Rating	240 Vac, 50 Hz
Total System Power	20 W
Dimmable	No
Lumens	> 1800 lm
Colour Temperature	4000 K
CRI	> 70
IP Rating	IP44
Lifespan (L70)	30,000 hrs
Cable Length	900 mm
Operating Temperature	-10°C to +40°C
Operating Humidity	+10% to +95% Non Condensing
Sensor Detection Angle	120 degrees
Sensor Detection Range	5 m – 12 m
Sensor Timer Span	10 seconds – 10 minutes
Sensor Lux Level Range	10 lux – 2000 lux

## Polar Candela Curve



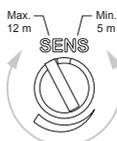
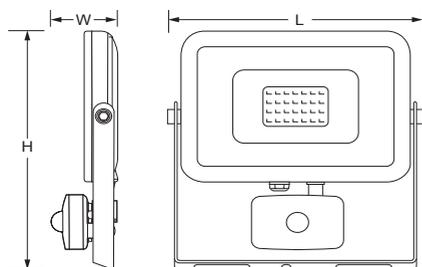
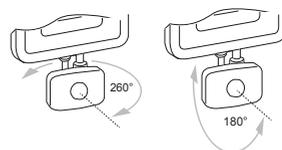
TPFLS20SENLED



## Construction

Catalogue Number	FLS20SENLED
Length (L)	116 mm
Height (H)	235 mm
Width (W)	29 mm
Material	Thermal plastic aluminum body with toughened glass

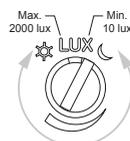
### Sensor Alignment



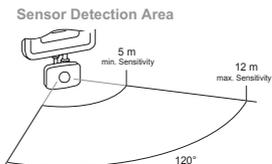
**Sensitivity Level (SENS)**  
Determines the detection area by increasing or decreasing the sensor range.



**Timer Setting (TIME)**  
This setting varies the time span that the flood-light will remain ON after it is triggered.



**Procedure Light Level Adjustment (LUX)**  
Unit can be adjusted so that the sensor only operates at or below the set ambient light level.



**Weatherproof**  
IP44

**4000 K**  
Colour temp

**Energy**  
Efficient



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



# LED Floodlights

## TPFLH Series

### Application

Perfect for general illumination in industrial and commercial installations, these floodlights are designed for multiple applications including area lighting, commercial security, car parks and sign illumination.

### High Performance in a compact and efficient design

These robust floodlights are housed in a strong die-cast aluminium body making it suitable to withstand the harsh and extreme conditions experienced in the Australian environment. An adjustable trunnion arm allows for the high efficient output to be easily directed to achieve the optimum lighting effect.



Lighting for adverse conditions

### Ordering Matrix

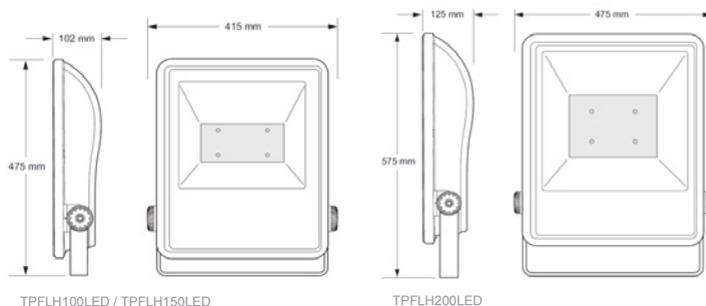
Catalogue Number	Description
TPFLH100LED	LED Floodlight, 100 W, IP65, 6500 K
TPFLH150LED	LED Floodlight, 150 W, IP65, 6500 K
TPFLH200LED	LED Floodlight, 200 W, IP65, 6500 K

## Specifications

Catalogue Number	TPFLH100LED	TPFLH150LED	TPFLH200LED
Voltage Rating	240 Vac, 50 Hz	240 Vac, 50 Hz	240 Vac, 50 Hz
Total System Power	100 W	150 W	200 W
Dimmable	No	No	No
Lumens	10,000 lm	14,500 lm	20,000 lm
Colour Temperature	6500 K	6500 K	6500 K
CRI	> 70	> 70	> 70
IP Rating	IP65	IP65	IP65
Beam Angle	100 degrees	100 degrees	100 degrees
Lifespan (L70)	30,000 hrs	30,000 hrs	30,000 hrs
Operating Temperature	-10°C to +45°C		
Operating Humidity	+10% to +95% Non Condensing		

## Construction

Catalogue Number	TPFLH100LED	TPFLH150LED	TPFLH200LED
Depth	102 mm	102 mm	125 mm
Height	475 mm	475 mm	575 mm
Width (with trunion arm)	415 mm	415 mm	475 mm
Weight	7 Kg	7 Kg	11.5 Kg
Material	Diecast aluminium body with toughened glass		



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



Weatherproof  
IP65

6500 K  
Colour temp

Energy  
Efficient

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# LED Highbays

## TPHBM2 Series

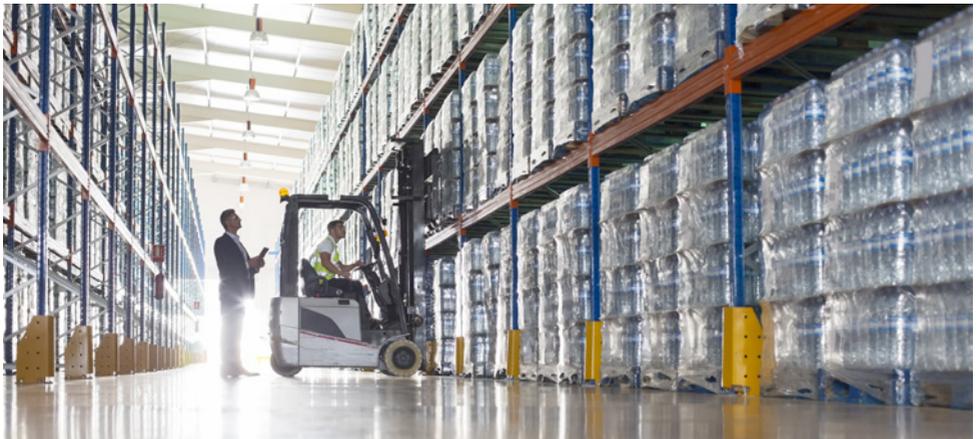
### Application

Engineered for illuminating specific design applications such as warehouses, manufacturing facilities, workshops, distribution centre's and gymnasiums.

### Superior design, efficiency and performance

With a lightweight engineered designed housing, this highbay has been developed to produce a highly efficient lumen output perfect for energy-efficient lighting upgrades and new installations.

Its unique passive cooling heatsink provides superior thermal management allowing it to perform in extreme Australian operating environments.



Ultra energy efficient illumination of distribution warehouses

### Ordering Matrix

Catalogue Number	Description
TPHBM2	LED Highbay, 150 W, IP65, 5000 K
TPHBM2R90	LED Highbay Lens - 90 Degrees

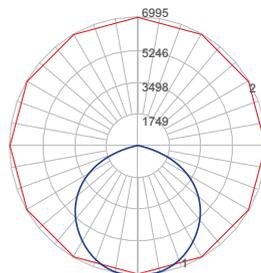
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## Specifications

Catalogue Number	TPHBM2
Voltage Rating	240 Vac, 50 Hz
Total System Power	150 W
Dimmable	No
Lumens	> 18,500 lm
Colour Temperature	5000 K
CRI	> 80
IP Rating	IP65
Beam Angle	120 degrees
Lifespan (L70)	50,000 hrs
Operating Temperature	-10°C to +50°C
Operating Humidity	+10% to +95% Non Condensing

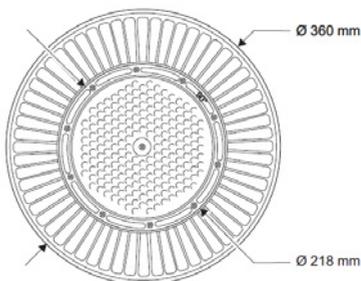
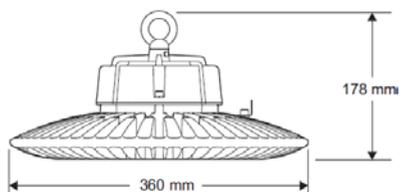
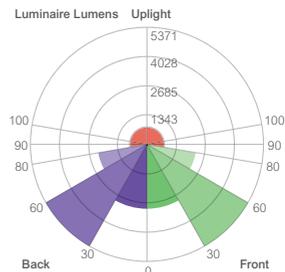
## Polar Candela Curve



## Construction

Catalogue Number	TPHBM2
Width	360 mm
Height	178 mm
Weight	4 kg
Cable Length	Supplied with 1.2 m Flex & Plug
Material	Diecast aluminium housing with acrylic lens

## LSC Summary



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



Weatherproof  
IP65

5000 K  
Colour temp

Energy  
Efficient

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# LED Highbays

## TPHBM3 Series

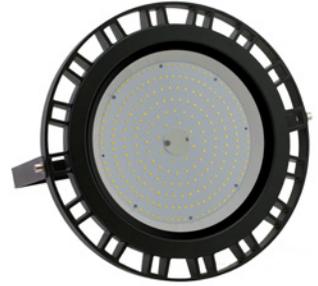
### Application

A multi-purpose luminaire that can be used as a traditional highbay, suspend from high ceilings. However its trunnion arm provides additional flexibility in applications looking for replacement options for lowbay products applications.

### Light weight, easy installation and large lumen output

With a unique body design that allows for heat dissipation and optimum cooling, this highbay is ultra light weight while still producing a large lumen output.

Perfect as a general light source in workshops, sheds, factories and canopys this luminaire will surprise.



An efficient luminaire capable of lighting large spaces

### Ordering Matrix

Catalogue Number	Description
TPHBM3	LED Highbay, 150 W, IP65, 5000 K

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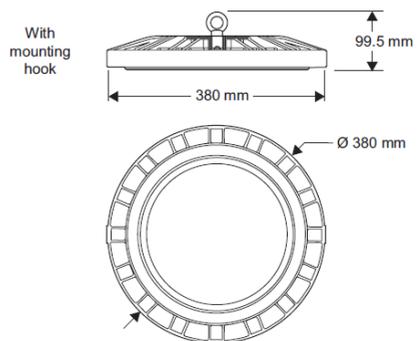
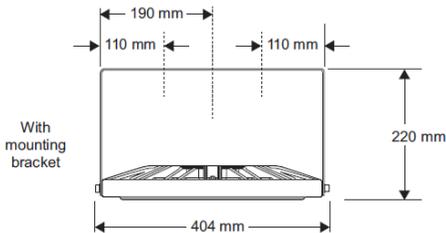
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## Specifications

Catalogue Number	TPHBM3
Voltage Rating	240 Vac, 50 Hz
Total System Power	160 W
LED Power	150 W
Dimmable	No
Lumens	>15,500 lm
Colour Temperature	5000 K
CRI	> 70
IP Rating	IP65
Beam Angle	110 degrees
Lifespan (L70)	30,000 hrs
Operating Temperature	-10°C to +45°C
Operating Humidity	+10% to +95% Non Condensing

## Construction

Catalogue Number	TPHBM3
Width	380 mm
Height	99.5 mm
Weight	5.2 kg
Cable Length	Supplied with 1.2 m Flex & Plug
Material	Aluminium housing with acrylic lens



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



Weatherproof  
IP65

5000 K  
Colour temp

Energy  
Efficient

Life Is On

**CLIPSAL**  
by Schneider Electric

# LED Battens

## TPDB Series

### Application

Excellent for commercial and residential applications, such as office spaces, garages and retail stores where general illumination is required.

### Enhanced Linear Uniformity

With an advanced LED light module that is easily attached to a solid metal base, this luminaire will impress with its ergonomic designed diffuser that provides uniform light distribution and large output.



Perfect for general illumination in any installation

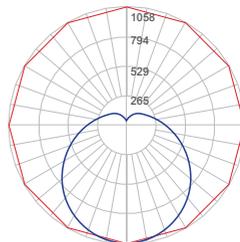
### Ordering Matrix

Catalogue Number	Description
TPDBLED1	LED Diffused Batten, 20 W, 4000 K, 600mm
TPDBLED2	LED Diffused Batten, 40 W, 4000 K, 1200mm
TPDBLED2EM	LED Diffused Batten, 40 W, 4000 K, 1200mm, Emergency

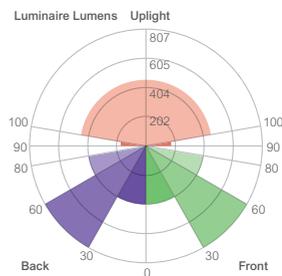
## Specifications

Catalogue Number	TPDBLED1	TPDBLED2	TPDBLED2EM
Voltage Rating	240 Vac, 50 Hz	240 Vac, 50 Hz	240 Vac, 50 Hz
Total System Power	21 W	42 W	45 W
LED Power	20 W	40 W	40 W
Lumens	> 1900 lm	> 3800 lm	> 3800 lm
Colour Temperature	4000 K	4000 K	4000 K
CRI	> 80	> 80	> 80
IP Rating	IP20	IP20	IP20
Dimmable	No	No	No
Power Factor	0.9	0.9	0.9
Lifespan (L70)	50.000 hrs	50.000 hrs	50.000 hrs
Battery Type			Lithium (LiFePO4)
Operation Mode			Maintained
Testing System			Test Button
Charging Time			16 h
Duration			2 h
Charging Type			Trickle
Charger Operation			Continuous
Classification			D50
Operating Temperature	-10°C to +50°C		
Operating Humidity	+10% to +95% Non Condensing		

## Polar Candela Curve

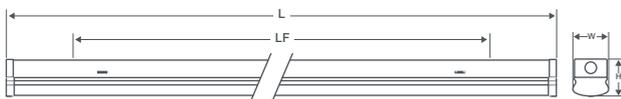


## LSC Summary



## Construction

Catalogue Number	TPDBLED1	TPDBLED2	TPDBLED2EM
Length (L)	630 mm	1230 mm	1230 mm
Width (W)	80 mm	80 mm	80 mm
Height (H)	85 mm	85 mm	85 mm
Mounting Centre's (LF)	465 mm	945 mm	945 mm
Weight	1.2 kg	1.8 kg	2.65 kg
Material	Metal base and polycarbonate diffuser		



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



Weatherproof  
IP65

4000 K  
Colour temp

Energy  
Efficient

Life Is On

**CLIPSAL**  
by Schneider Electric

# LED Battens

## TPDBS Series

### Application

Suitable for retrofit or new installs, these fittings will add to any commercial environment such as office spaces, retail stores and hallways.

### Low in Profile High in Output

This low profile fitting not only provides an aesthetically appealing presence in any installation but also illuminates an even soft glow output when on.



Perfect for general illumination in any installation

### Ordering Matrix

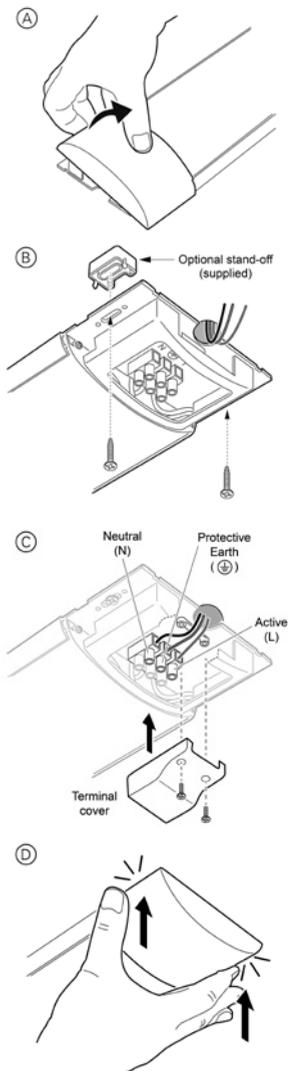
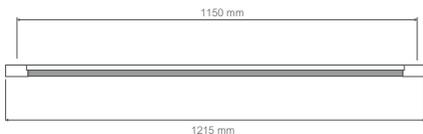
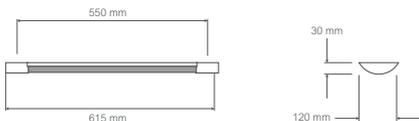
Catalogue Number	Description
TDBSLED1	LED Diffused Slim Batten, 20 W, 4000 K, 600mm
TPDBSLED2	LED Diffused Slim Batten, 40 W, 4000 K, 1200mm

## Specifications

Catalogue Number	TPDBSLED1	TPDBSLED2
Voltage Rating	240 Vac, 50 Hz	240 Vac, 50 Hz
Total System Power	20 W	40 W
Lumens	2200 lm	4800 lm
Colour Temperature	4000 K	4000 K
CRI	> 80	> 80
IP Rating	IP20	IP20
Dimmable	No	No
Lifespan (L70)	36,000 hrs	36,000 hrs
Operating Temperature	-10°C to +40°C	
Operating Humidity	+10% to +95% Non Condensing	

## Construction

Catalogue Number	TPDBSLED1	TPDBSLED2
Length (L)	615 mm	1215 mm
Width (W)	120 mm	120 mm
Height (H)	30 mm	30 mm



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



4000 K  
Colour temp

Energy  
Efficient

# LED Battens

## TPWP Series

### Application

Excellent for commercial and residential applications, schools, car parks, security purposes, public buildings, carports and garages. The robust construction shields the high output LED technology to maintain maximum light output and lamp life.

### Advanced performance and protection

The TPWP Series LED Weatherproof Battens offer advanced performance and protection in a tried and tested design. Designed to provide high levels of illumination under adverse conditions where reliable performance is crucial. The polycarbonate body and opal diffuser provide high impact resistance and even light distribution. The fitted stainless steel clips allow for easy installation and ensures the IP65 rating.



Illumination for exterior areas exposed to adverse conditions

### Ordering Matrix

Catalogue Number	Description
TPWPLED1	LED Weatherproof Batten, 20 W, IP65, 5000 K, 600mm
TPWPLED2	LED Weatherproof Batten, 40 W, IP65, 5000 K, 1200mm
TPWPLED2EM	LED Weatherproof Batten, 40 W, IP65, 5000 K, 1200mm, Emergency

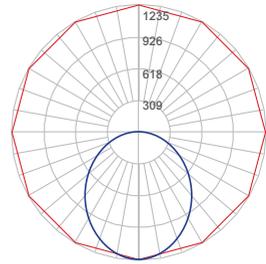
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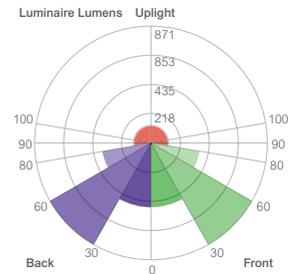
## Specifications

Catalogue Number	TPWPLED1	TPWPLED2	TPWPLED2EM
Voltage Rating	240 Vac, 50 Hz	240 Vac, 50 Hz	240 Vac, 50 Hz
Total System Power	22 W	44 W	45 W
LED Power	20 W	40 W	40 W
Lumens	> 1900 lm	> 3800 lm	> 3800 lm
Colour Temperature	5000 K	5000 K	5000 K
CRI	> 80	> 80	> 80
IP Rating	IP65	IP65	IP65
IK Rating	IK08	IK08	IK08
Lifespan (L70)	50.000 hrs	50.000 hrs	50.000 hrs
Battery Type			Lithium (LiFePO4)
Operation Mode			Maintained
Testing System			Test Button
Charging Time			16 h
Duration			2 h
Charging Type			Trickle
Charger Operation			Continuous
Classification			D50
Operating Temperature	-10°C to +50°C		
Operating Humidity	+10% to +95% Non Condensing		

## Polar Candela Curve

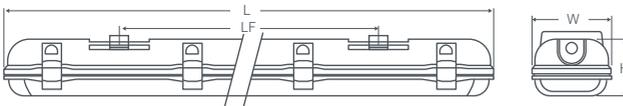


## LSC Summary



## Construction

Catalogue Number	TPWPLED1	TPWPLED2	TPWPLED2EM
Length (L)	664 mm	1274 mm	1274 mm
Width (W)	140 mm	140 mm	140 mm
Height (H)	90 mm	90 mm	90 mm
Mounting Centre's (LF)	350 mm	900 mm	900 mm
Weight	1.6 kg	2.26 kg	2.65 kg
Material	Polycarbonate base and diffuser		



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



Weatherproof  
IP65

5000 K  
Colour temp

Energy  
Efficient

Life Is On

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by Schneider Electric

# LED Battens

## TUFF Series

### Application

Designed for exterior commercial applications where illuminating areas for security purposes is critical. Factories, warehouses, schools, shopping centre's and public buildings are prime areas for this product.

### Built tough for high impact

A versatile and robust weatherproof and vandal resistant LED luminaire specifically designed for a wide range of commercial and industrial exterior illumination. The tough impact resistant body enables protection in high abuse areas.



Secure lighting in adverse conditions

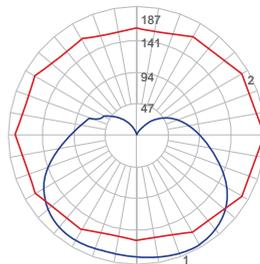
### Ordering Matrix

Catalogue Number	Description
TUFF112LED	LED Weatherproof Batten, 12 W, IP54, 4000 K

## Specifications

Catalogue Number	TUFF112LED
Voltage Rating	240 Vac, 50 Hz
Total System Power	12 W
Lumens	> 900 lm
Colour Temperature	4000 K
CRI	> 80
IP Rating	IP54
IK Rating	IK08
Lifespan (L70)	50.000 hrs
Run Current	350 mA
Start Current	< 20 A
Operating Temperature	0°C to +60°C
Operating Humidity	+10% to +85% Non Condensing

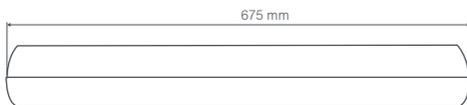
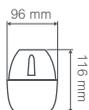
## Polar Candela Curve



TUFF112LED

## Construction

Catalogue Number	TUFF112LED
Length	675 mm
Width	96 mm
Height	116 mm
Material	Polycarbonate body and diffuser



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



Weatherproof  
IP54

4000 K  
Colour temp

Energy  
Efficient

Life Is On

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# LED Exterior

## TPBH Series

### Application

Suitable for exterior illumination in residential and light commercial buildings. This range provides general and security lighting for buildings, stairways or pathways.

### Next generation design

With an attractive ultra-thin design, modern grey housing and silver trim, this range of LED Bulkheads provide a perfect solution for multiple illumination applications.



Functional fitting with high output

### Ordering Matrix

Catalogue Number	Description
TPBHS1	LED Bulkhead, Rectangle, 1100 lm, 4000 K, IP54, Grey body
TPBHS2	LED Bulkhead, Round, 1100 lm, 4000 K, IP54, Grey body

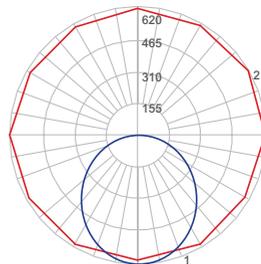
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## Specifications

Catalogue Number	TPBHS1	TPBHS2
Voltage Rating	240 Vac, 50 Hz	
Total System Power	20 W	20 W
Dimmable	No	No
Lumens	> 1100 lm	> 1100 lm
Colour Temperature	4000 K	4000 K
CRI	> 70	
IP Rating	IP54	
Lifespan (L70)	36,000 hrs	
Fitting Colour	Grey base, silver trim with opal diffuser	
Operating Temperature	0°C to +40°C	
Operating Humidity	+10% to +95% Non Condensing	

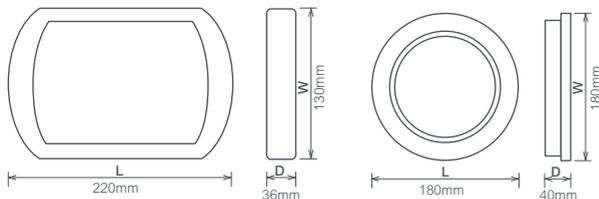
## Polar Candela Curve



TPBHS1

## Construction

Catalogue Number	TPBHS1	TPBHS2
Length (L)	220 mm	180 mm
Width (W)	130 mm	180 mm
Depth (D)	36 mm	40 mm
Weight	0.536 kg	0.488 kg



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



4000 K  
Colour temp

Energy  
Efficient

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# LED Exterior

## TPWL Series

### Application

Engineered to provide precise exterior and interior accent lighting for residential, retail and light commercial buildings.

### Contemporary compact efficiency

The TPWL Series Wall Lights combine highly efficient LED technology, in a stylish durable UV stabilised die cast aluminum body. The silver grey and sleek profile provides an ultra-modern appearance to enhance any illumination application.



Perfect for illumination in residential installations

### Ordering Matrix

Catalogue Number	Description
TPWL1	LED Wall Light, 6 W, IP54, 4000 K
TPWL2	LED Wall Light, 12 W, IP54, 4000 K

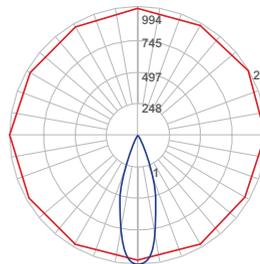
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## Specifications

Catalogue Number	TPWL1	TPWL2
Voltage Rating	240 Vac, 50 Hz	
Total System Power	6 W	12 W
Dimmable	No	No
Lumens	> 330 lm	> 660 lm
Colour Temperature	4000 K	4000 K
CRI	> 70	> 70
IP Rating	IP54	IP54
Beam Angle	30 degrees	30 degrees
Lifespan (L70)	36.000 hrs	36.000 hrs
Operating Temperature	10°C to +45°C	
Operating Humidity	+10% to +95% Non Condensing	

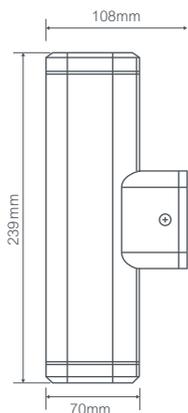
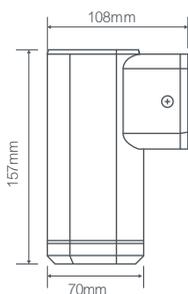
## Polar Candela Curve



TPWL1

## Construction

Catalogue Number	TPWL1	TPWL2
Length	157 mm	239 mm
Width	70 mm	70 mm
Depth	108 mm	106 mm



AS/NZS60598.2.2  
AS/NZS61347.1  
AS/NZS61347.2.13  
CISPR15



4000 K  
Colour temp

Energy  
Efficient

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# Lighting Control

As the global specialists in energy management and automation, Clipsal by Schneider Electric, Clipsal has a long history of pioneering market changing lighting control products. From our famous Infrascan motion detector that automatically turns lights on and off, through to our C-Bus Home Control system, designed to provide comfort, convenience, safety and security we have always been the partner the industry turns to.

Whether you are looking to reduce energy consumption by using one of our proximity or light level sensors or trying to set the mood by dimming the lights to the perfect level, our range of lighting control products and options are unrivalled in the industry.

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# Dimming

## Designed to do one thing, and do it well

Clipsal is turning dimmer mechanisms up a notch, with the Clipsal LED Dimmers, optimised for dimming LED loads. Known for our innovative and quality dimming technology, our LED Dimmers support all the features you've come to know, from effortless dimming controls, to soft starting for smooth turn-on and prolonged LED lamp-life.

## Set the mood with reliable control

Clipsal LED Dimmers now offer greater control and reliability of LED lighting technology due to our engineered minimum setting. This provides the ability to convert intense bright lights into soft mood lighting with a simple rotation of the dimmer.

## Optimised dimming

Featuring stable dimming control of LED loads across the entire dimming range avoiding flickering and minimising turn on lag – the Clipsal LED Dimmers provide optimum dimming performance at its best.

## Application

Dim lights to desired levels, save energy by reducing power consumption or just setting the mood in residential or commercial environments.



Clipsal LED Dimmers



Catalogue Number	Description
42E350RLD2M	Iconic – LED Dimmer Mechanism, Rotary, 350 W
41E300PBUD2SM	Iconic – Universal Dimmer Mechanism, Push Button, 300 W
32ELEDM	30 Series – LED Dimmer Mechanism, Rotary, 400 W
31E2PUDM	30 Series – Universal Dimmer Mechanism, Push Button, 350 W
4062ELEDM	Saturn – LED Dimmer Mechanism, Rotary, 400 W
4061E2PUDM	Saturn – Universal Dimmer Mechanism, Push Button, 350 W

# NEW Wiser Iconic Dimmer

## Application

The Wiser Iconic Dimmer provides superior LED dimming performance with new 3 wire universal dimming technology. The new technology means there is no minimum load requirements and a true 0-100% smooth linear LED dimming experience. With simple app controlled dimming and configuration, smart timer and scheduling features, the Wiser Iconic Dimmer makes setup and operation easy, while offering additional value and features to the end user. Along with multiway dimming via Controllink, the Wiser Iconic dimmer is the perfect dimmer for every home in rooms such as lounge, home theatre, dining and bedrooms.

## Features

- Offers simple app configuration and control from smart devices using Bluetooth Low Energy (BLE) and the Wiser Room app
- True smooth linear LED dimming experience from 0-100%
- Minimum and Maximum brightness adjustment (using the App)
- App configurable 1s - 24hr Time delay and 24/7 scheduling functions
- Real time clock - no need to adjust for daylight savings changes
- Pair with Clipsal LEDs for the most optimal dimming experience

\* Wiser Compatible for future Wiser smart homes



Catalogue Number	Description
41EPBDWCLM	Wiser Iconic Push-Button Dimmer with Bluetooth, 300W, 3-wire

# Sensors

## Infrascan® – The benchmark for reliability

The Infrascan is the benchmark choice for motion sensors due to its reliability, ruggedness and simplicity of operation. Indoor and outdoor lighting control applications in residential, commercial or the industrial industries are not complete without this sensor to achieve optimal energy efficiency, convenience, safety and security.

### Application

Operates in extreme weather conditions and is suitable for garages, driveways, porches and outdoor living area.



Catalogue Number	Description
750WPR	Motion Infrared Sensor, 5A, 3 Wire Relay, IP65, Grey
750WP	Motion Infrared Sensor, 5A, 2 Wire, IP65, Grey

## Infrascan – Sleek and unobtrusive

The Clipsal 753 Series 360 Degree Infrascan is a highly reliable, state-of-the-art passive infrared (PIR) occupancy sensor. The unit utilises an advanced quadelement sensor array allowing instantaneous detection of movement and features a massive 14 metre detection range. The unit also features a slimline, fully recessed mounting facility, making it one of the world's most sleek and unobtrusive 360° sensors available.



### Application

This unit offers benefits in security, energy management, hospitality and true 'hands-free' switching convenience in a wide range of applications.

Catalogue Number	Description
753R	Motion Infrared Sensor, 10A, 3 Wire Relay, 360°, White

### Infrascan – Large sensing range in a small package

The unit is equipped with four pyro sensors that detect the invisible heat emitted from moving objects (people, animals etc.). The heat detected is electronically converted into a signal that switches on connected loads (e.g. LED Lighting).



#### Application

Operates in areas that are exposed to moisture. Suitable for both residential and commercial applications such as carports and car parks the large sensing range will add more function to your lighting.

Catalogue Number	Description
753SSR	Motion Infrared Sensor, 4A, 3 Wire, IP54, White

### Infrascan – Simple and modern

Constantly evolving the family of Clipsal PIR sensing devices, the compact and unobtrusive appearance of this unit, combined with simplified installation and a range of new features, make the 751R a smart light switch for the modern era.



#### Application

The unit is designed to monitor the immediate environment, and detect people moving within its 'field of view'. When movement is detected, the unit will activate the LED load in response to that movement.

Catalogue Number	Description
751R	Motion Infrared Sensor, 10A, 3 Wire Relay, IP54, White

# Sunset Switches

## WeatherShield – Robust and reliable

The Clipsal Sunset Switch Series is a range of high quality, weather protected photoelectric daylight sensors, with adjustable time and lux facilities. The products are designed to automatically activate lighting at sunset, ensuring outside areas are illuminated after dark.



## Application

Providing safety and security, the product range is suitable for use in domestic, commercial and industrial installations. Typical applications include garden lighting, verandahs, car parks, street lighting, advertising signs and perimeter lighting.

Catalogue Number	Description
WS226SSR/3-RG	Sunset Switch, 10A, 3 Wire, IP66, Resistant Grey

## 56 Series – The benchmark for reliability

The Sunset Switch features a convenient 'Dusk to Dawn' setting, meaning lighting will be activated when the sun goes down. For those applications requiring additional flexibility, an inbuilt timer adjustment allows lighting to be activated for a preset time only (2, 4, 6, 8 or 12 hours), providing even more energy saving.



## Application

Perfect for car park lighting applications, where compliance with building code regulation and AS/NZS251680 standards are required.

Catalogue Number	Description
56SSR/3-GY	Sunset Switch, 10A, 3 Wire, IP56, Grey

# Timers

## Simply set and forget - Timer control to suit your needs

Clipsal Programmable Timers are ideal for both residential and commercial applications. They ensure that electricity comes on when it's required, and goes off when it's not.

Clipsal Programmable Timers allow the user to customise settings to suit their needs and provides more efficient use of energy.

## Application

Suitable for pool pumps, watering irrigation systems, programming lights, garden features and hot water systems.

Catalogue Number	Description
4TC	Switchboard-Mounted Programmable 24-hour timer
41E6PBTC3SBM	Iconic Electronic Time Clock Mechanism





# Motion and Occupancy Sensors

The sixth sense in security and energy management.

Our new extended range of Motion and Occupancy Sensors offer security, convenience and cost-effective control for measurable energy savings.

Features:

- Scalable options from affordable standalone offers to fully integrated C-Bus and DALI control system sensors
- Four sensing technologies including infrared, ultrasonic, high frequency or dual technology
- Automation, control and daylight harvesting
- Varied field detection capabilities, simple configuration and remote control operations.



[clipsal.com/sensors](https://clipsal.com/sensors)

# Trade Pricing

All information contained on this page was accurate at time of print and is subject to change.

Cat No	Trade Price AUD (Exc GST)	Trade Price AUD (Inc GST)	Cat No	Trade Price AUD (Exc GST)	Trade Price AUD (Inc GST)
TPDL1C1	\$28.20	\$31.02	TPDBLED1	\$72.50	\$79.75
TPDL1C1B10	\$272.10	\$299.31	TPDBLED2	\$114.50	\$125.95
TPDL1TBC	\$2.40	\$2.64	TPDBLED2EM	\$232.50	\$255.75
TPDL2K3	\$29.62	\$32.58	TPDBSLED1	\$40.30	\$44.33
TPDL2K4	\$29.62	\$32.58	TPDBSLED2	\$67.60	\$74.36
TPCL1C1	\$48.50	\$53.35	TPWPLED1	\$103.84	\$114.22
TPCL1C1SEN	\$72.00	\$79.20	TPWPLED2	\$124.62	\$137.08
TPLP3	\$66.00	\$72.60	TPWPLED2EM	\$215.10	\$236.61
TPLP4	\$66.00	\$72.60	TUFF112LED	\$145.64	\$160.20
TPLP5	\$66.00	\$72.60	TPBHS1	\$78.77	\$86.65
TPLP6	\$66.00	\$72.60	TPBHS2	\$78.77	\$86.65
TPLPDRV	\$14.50	\$15.95	TPWL1	\$72.98	\$80.28
TPLPDRVDALI	\$72.50	\$79.75	TPWL2	\$96.45	\$106.10
TPLPPRF6	\$24.00	\$26.40	42E350RLD2M	\$54.12	\$59.53
TPLPPRF12	\$24.00	\$26.40	41E300PBUD2SM	\$95.12	\$104.63
TPLPSMK6	\$24.00	\$26.40	32ELEDM	\$68.44	\$75.28
TPLPSMK12	\$24.00	\$26.40	31E2PUDM	\$106.50	\$117.15
TPLPSSKU	\$10.50	\$11.55	4062ELEDM	\$82.04	\$90.24
TPFLS10LED	\$25.75	\$28.33	4061E2PUDM	\$113.59	\$124.95
TPFLS20LED	\$39.70	\$43.67	41EPBDWCLM	\$119.80	\$131.78
TPFLS50LED	\$73.90	\$81.29	750WPR	\$208.15	\$228.97
TPFLS100LED	\$142.00	\$156.20	750WP	\$223.33	\$245.66
TPFLS20SENLED	\$59.10	\$65.01	753R	\$241.28	\$265.41
TPFLH100LED	\$243.00	\$267.30	753SSR	\$245.03	\$269.53
TPFLH150LED	\$272.00	\$299.20	751R	\$156.53	\$172.18
TPFLH200LED	\$389.00	\$427.90	WS226SSR/3-RG	\$135.61	\$149.17
TPHBM2	\$325.00	\$357.50	56SSR/3-GY	\$222.65	\$244.92
TPHBM2R90	\$42.50	\$46.75	4TC	\$162.03	\$178.23
TPHBM3	\$257.00	\$282.70	41E6PBTC3SBM	\$160.72	\$176.79

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