

LED LIGHTING



BRIGHT
STYLISH
EFFICIENT



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LED LIGHTING EXPLAINED

LIGHT COLOUR

Expressed in Degrees Kelvin (K), light colours are the key to determining the mood of a room.

WARM WHITE	DEGREES	2700-3000K
	DESCRIPTION	SOFTER, WARMER LIGHT Comparable to traditional incandescent lighting. Preferred in cooler climates
	ROOM	Bedroom, living room, bathroom, kitchen
COOL WHITE	DEGREES	4000K
	DESCRIPTION	NEUTRAL LIGHT Used for task lighting and preferred in warmer, tropical climates
	ROOM	Laundry, garage, study, bathroom, kitchen

AVERAGE LAMP LIFE

LED 20,000 HOURS	COMPACT FLUORESCENT 10,000 HOURS	INCANDESCENT 1,000 HOURS
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DURABILITY: LEDs are very long-lasting compared to other lighting technologies, with an average 20,000 hours life expectancy. We use quality components which make our lamps even more durable, being laboratory tested and assessed at 30,000 hours life expectancy. That represents approximately 20 years based on 3 to 4 hours usage per day.

DIMMING COMPATIBILITY

Critical to a successful installation is an understanding of LED compatibility with dimmers.

HPM is one of the only major brands on the market to deliver a full solution from dimmers to drivers and LED fixtures. Choose the winning combination of HPM LED fixtures and HPM or Legrand dimmers to ensure superior performance – including smooth dimming with no flickering, reliability and long life.



LIGHT PERFORMANCE

LIGHT OUTPUT	INCANDESCENT	HALOGEN	CFL	LED
220lm	25W	18W	5-7W	3W
420lm	40W	28W	7-8W	4-5W
720lm	60W	42W	11-12W	6-8W
930lm	75W	52W	13-18W	9-13W
1300lm	100W	70W	18-23W	16-20W

LUMINOUS EFFICACY (lm/W)

Picking a lamp fixture based only on wattage or physical size could result in the wrong choice: Wattage (measured in W) represents the power consumed by the luminaire. The actual output of a lamp is measured in lumens (lm): the more lumens, the more light emitted by the luminaire. A smart criteria for determining the efficiency of a light fixture is its lumens/Watt ratio, which represents how much light the fixture delivers versus what it consumes to perform. This value is called luminous efficacy, and proves LED lights are more efficient than other light technologies.

COLOUR RENDERING INDEX (CRI)

CRI measures how well a lamp makes colours appear. CRI scores light sources from 1 – 100: a high CRI means that the eye can pick up slight variations in colour, making details in an interior appear sharper and more vibrant. For outstanding colour rendering, opt for our Dalia series which boasts a very high 92 index.

Our downlights range from 80 to 92, to enhance skin tones, hues and textures in rooms.

BEAM ANGLE

The light effect from a luminaire is determined by its beam angle, that is the shape and direction of light generated by the lamp. Most conventional fixtures deliver a focused light distribution at 35-60° beam angle, but LED technology can go well above those values, while still maintaining a fair pool of light.

Our lights deliver beam angles ranging from 80 to 120° to ensure a beautiful light is spread throughout a room.

OUR QUALITY PROMISE



DIMMING COMPATIBILITY

Yes! Our lights can be dimmed effectively. For optimum dimming performance and to avoid flickering, use HPM or Legrand dimmers. See p.46-47 for more details



INSULATION RATING

All recessed luminaires included in this brochure have an IC or IC-F insulation rating. This means insulation may abut or cover the LED luminaire



NATA ACCREDITED LABORATORY

To ensure the highest possible quality assurance standards all HPM lighting fixtures and lamps are tested in our NATA accredited laboratory in Sydney



All our products are assured against insects and moisture, with IP ratings ranging from IP44 to IP65. See IP chart on p.48 for more information

DLI DOWNLIGHT SERIES (7W)

The functional design and classic white finish of the DLI adds a touch of contemporary lighting. The DLI is ideal for all rooms in the house. At only 7W the DLI delivers maximum brightness with limited power consumption.



Main applications

Living areas, bedrooms, bathrooms, outdoor areas (undercover)

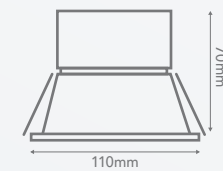


Recessed diffuser reduces glare

Power	7W	
Lumen output	90mm	125mm
	Warm White	700lm / 750lm
	Cool White	820lm / 880lm
Efficacy	90mm	125mm
	Warm White	100lm/W / 107lm/W
	Cool White	117lm/W / 125lm/W
Colour temperature	Warm White	3,000K
	Cool White	4,000K
CRI	80+	
Dimming	Trailing edge dimmers	
Lifespan	35,000h	
Package contents	7W dimmable downlight with integrated driver. Supplied with flex and plug	
Product codes	90mm cut-out	
	White Fascia	
	Warm White Light	DLI9001
	White Fascia	
	Cool White Light	DLI9002
	125mm cut-out	
	White Fascia	
	Warm White Light	DLI12501
	White Fascia	
	Cool White Light	DLI12502

DLI90 Series

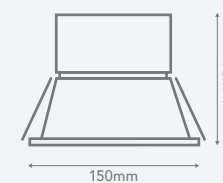
BEAM ANGLE 85°



90mm CUT-OUT

DLI125 Series

BEAM ANGLE 90°



125mm CUT-OUT

UP TO 880 LUMENS

IC-F ABUTTED & COVERED

IP44 WEATHERPROOF

3 YEAR WARRANTY

AZA+ DOWNLIGHT SERIES (8W)

The AZA+ sits flush with the ceiling blending seamlessly with any decor and provides bright and energy saving illumination.



Main applications

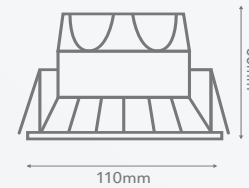
Living areas, bedrooms, bathrooms, outdoor areas (undercover)



At only 65mm depth, AZA+ downlights will fit in most ceiling cavities

Power	8W	
Lumen output	Warm White	750lm
	Cool White	820lm
Efficacy	Warm White	93lm/W
	Cool White	102lm/W
Colour temperature	Warm White	3,000K
	Cool White	4,000K
CRI	80+	
Dimming	Trailing edge dimmers	
Lifespan	35,000h	
Package contents	8W dimmable downlight with integrated driver. Supplied with flex and plug	
Product codes	White Fascia Warm White Light	LDL043KWE
	White Fascia Cool White Light	LDL044KWE

BEAM
ANGLE 95°



90
MM
CUT-OUT

UP TO
820
LUMENS

IC
ABUTTED &
COVERED

IP44
WEATHERPROOF

3 YEAR
WARRANTY

DALIA

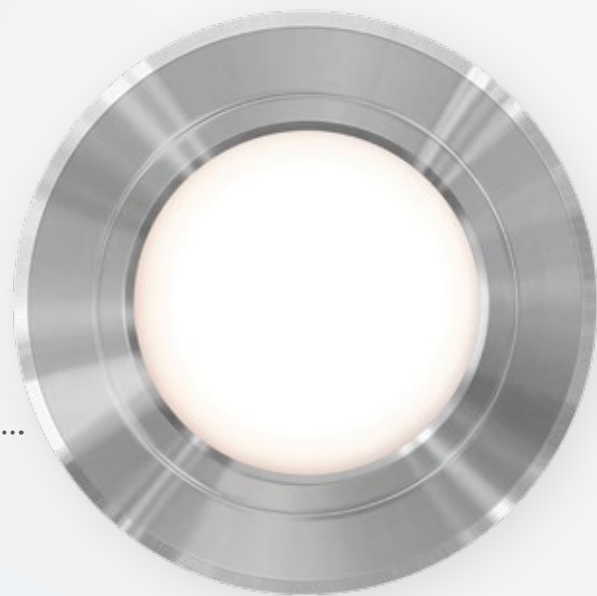
DOWNLIGHT SERIES (15W)

Equipped with a Citizen LED chip, these superior downlights are our brightest and deliver exceptional colour rendering, making details in an interior space appear sharper and more vibrant. Dalia is a fusion of craftsmanship, highest-calibre materials and advanced technology. Available in white or polished aluminium.



Main applications

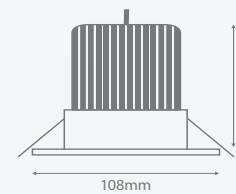
Living areas, bedrooms, bathrooms, outdoor areas (undercover)



With an outstanding 92+ CRI, Dalia downlights illuminate objects and surfaces in their true colours



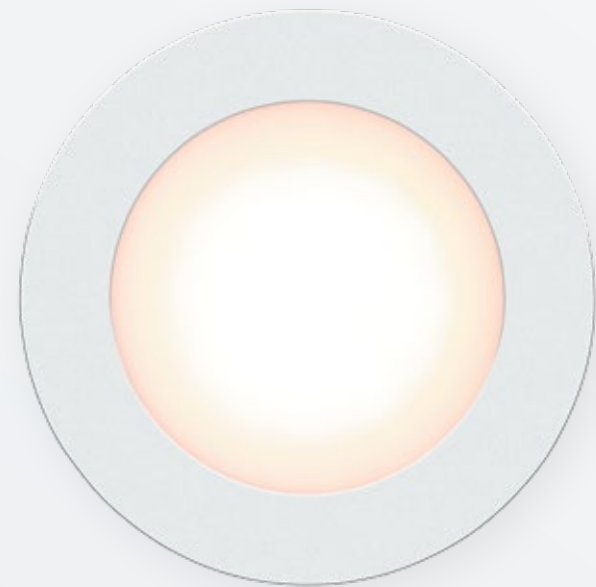
Power	15W	
Lumen output	Warm White	950lm
	Cool White	980lm
Efficacy	Warm White	63lm/W
	Cool White	65lm/W
Colour temperature	Warm White	3,000K
	Cool White	4,000K
CRI	92+	
Dimming	Trailing & leading edge, 2 & 3 wire	
Lifespan	30,000h	
Construction	Corrosion resistant anodised aluminium	
Package contents	Dimmable SELV external LED driver and 15W LED sealed fixture. Supplied with flex and plug	
Product codes	White Fascia Warm White Light	LDL023KWE
	White Fascia Cool White Light	LDL024KWE
	Aluminium Fascia Warm White Light	LDL023KPS
	Aluminium Fascia Cool White Light	LDL024KPS



AZALEA DOWNLIGHT SERIES (11W)



A marriage of style and function, our Azalea effortlessly achieves optimum lighting performance with impressive economy. With a 48mm depth, it is brilliant for tight ceiling cavities and multi-floor dwellings.



Main applications

Living areas, bedrooms, bathrooms, outdoor areas (undercover)



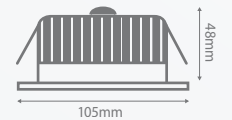
UP TO
850
LUMENS

IC
ABUTTED &
COVERED

IP44
WEATHERPROOF

6 YEAR
WARRANTY

Power	11W	
Lumen output	Warm White	800lm
	Cool White	850lm
Efficacy	Warm White	73lm/W
	Cool White	77lm/W
Colour temperature	Warm White	3,000K
	Cool White	4,000K
CRI	80+	
Dimming	Trailing & leading edge, 2 & 3 wire	
Lifespan	30,000h	
Construction	Aluminium	
Package contents	Dimmable SELV external LED driver and 11W LED sealed fixture. Supplied with flex and plug	
Product codes	White Fascia Warm White Light	LDL013KWE
	White Fascia Cool White Light	LDL014KWE
	Aluminium Fascia Warm White Light	LDL013KPS
	Aluminium Fascia Cool White Light	LDL014KPS



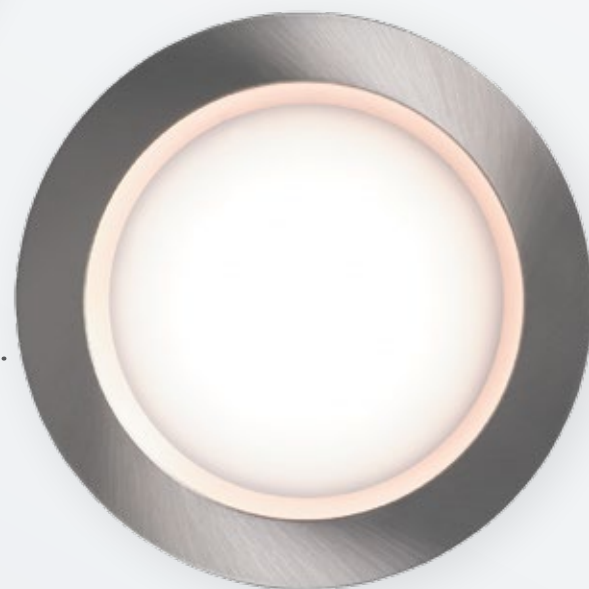
DLS DOWNLIGHT SERIES (10W)

Behind the stylish facade of white or brushed chrome, the DLS features a frosted recessed diffuser to reduce glare and ensure a perfect light spread across any room. Our vision, improving your vision.



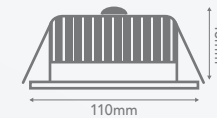
Main applications

Living areas, bedrooms, bathrooms, outdoor areas (undercover)



Recessed diffuser reduces glare

Power	10W	
Lumen output	Warm White	800lm
	Cool White	830lm
Efficacy	Warm White	80lm/W
	Cool White	83lm/W
Colour temperature	Warm White	3,000K
	Cool White	4,000K
CRI	80+	
Dimming	Trailing edge dimmers	
Lifespan	30,000h	
Package contents	Dimmable SELV external LED driver with quick-connect plug and 10W LED sealed fixture. Supplied with flex and plug	
Product codes	White Fascia Warm White Light	DLS9001
	White Fascia Cool White Light	DLS9002
	Brushed Chrome Fascia Warm White Light	DLS9003
	Brushed Chrome Fascia Cool White Light	DLS9004



FREESIA DOWNLIGHT SERIES (7W)



The diminutive Freesia series delivers a big performance with a minimal footprint. Available in both white or polished aluminium, it is ideal for retrofitting halogen lights with 70mm hole cut-outs.



Main applications

Living areas, bedrooms, bathrooms, outdoor areas (undercover)



Freesia's 70mm cut-out makes it an ideal upgrade of fixed halogen downlights



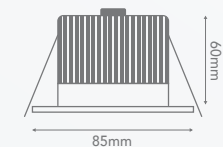
500 LUMENS

IC ABUTTED & COVERED

IP44 WEATHERPROOF

6 YEAR WARRANTY

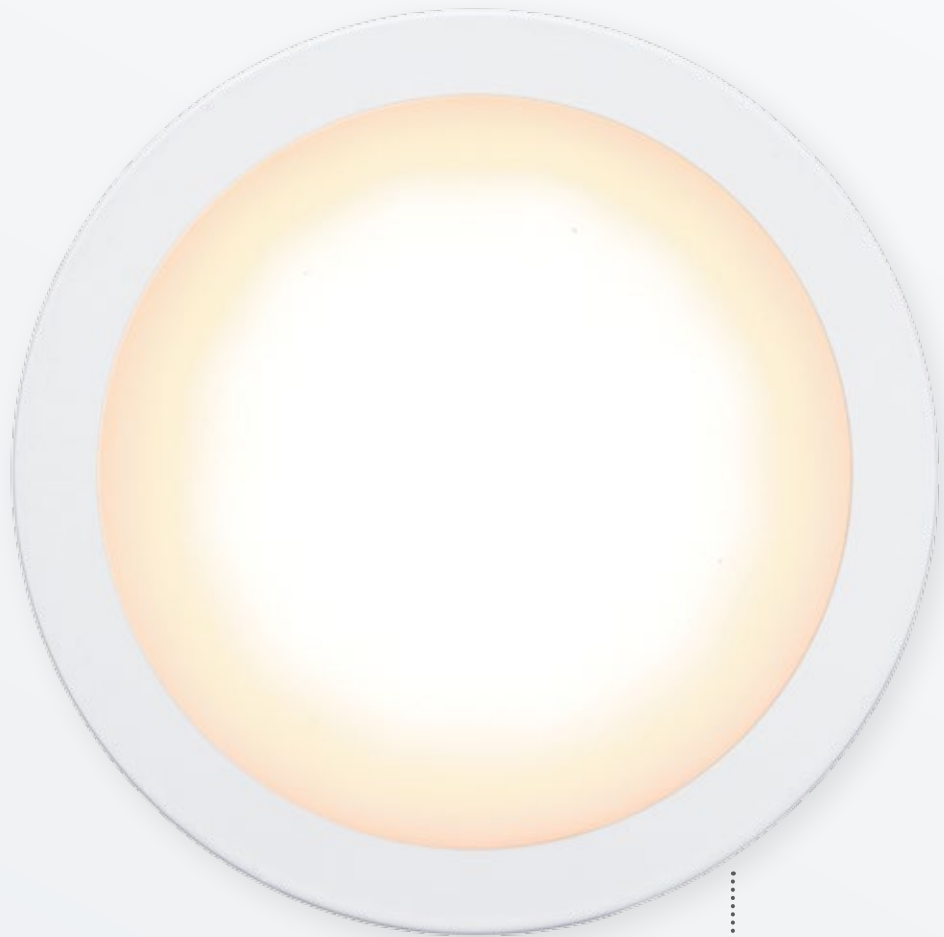
Power	7W	
Lumen output	Warm White	500lm
	Cool White	500lm
Efficacy	Warm White	71lm/W
	Cool White	71lm/W
Colour temperature	Warm White	3,000K
	Cool White	4,000K
CRI	80+	
Dimming	Trailing & leading edge, 2 & 3 wire	
Lifespan	30,000h	
Construction	Aluminium	
Package contents	Dimmable SELV external LED driver and 7W LED sealed fixture. Supplied with flex and plug	
Product codes	White Fascia	
	Warm White Light	LDL033KWE
	White Fascia	
	Cool White Light	LDL034KWE
	Aluminium Fascia	
	Warm White Light	LDL033KPS
	Aluminium Fascia	
	Cool White Light	LDL034KPS



LUNA

PANEL LIGHT (18W)

Offering the ultimate in discreet lighting, the Luna's slim depth allows it to fit effortlessly into tight ceiling cavities. All the illumination of an oyster light, none of the obtrusiveness.



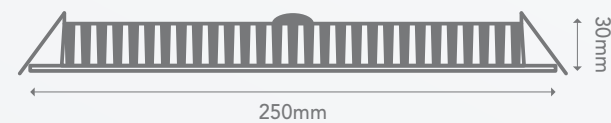
Main applications

Living areas, bedrooms, bathrooms, and undercover outdoor areas.
Ideal replacement for oyster lights

Power	18W	
Lumen output	Warm White	1,440lm
	Cool White	1,500lm
Efficacy	Warm White	80 lm/W
	Cool White	83 lm/W
Colour temperature	Warm White	3,000K
	Cool White	4,000K
CRI	80+	
Dimming	Trailing & leading edge, 2 & 3 wire	
Lifespan	30,000h	
Construction	Aluminium	
Package contents	Dimmable SELV external LED driver and 18W LED sealed fixture. Supplied with flex and plug	
Product code	White Fascia Warm White Light	LPA013KWE
	White Fascia Cool White Light	LPA014KWE

BEAM
ANGLE 103°

225
MM
CUT-OUT



UP TO
1500
LUMENS

IC
ABUTTED &
COVERED

IP44
WEATHERPROOF

6 YEAR
WARRANTY



KORA INTERIOR UP/DOWN LIGHT (8.3W)

Kora throws light both up and down to create a beautiful light pattern on walls and imbue rooms with convivial ambience. The stylish cube design will complement contemporary interiors starring clean lines.



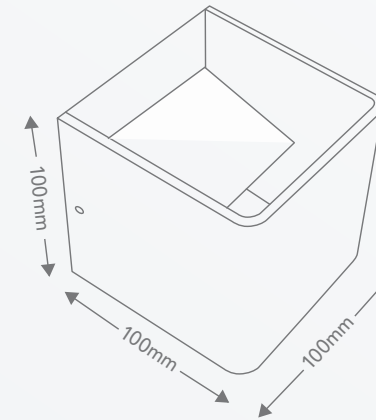
↑
Light flows both
up and down
↓

Main applications

Living areas, hallways, entrances

Power	8.3W
Lumen output	Warm White 335lm
Efficacy	Warm White 40lm/W
Colour temperature	Warm White 3,000K
CRI	80+
Lifespan	30,000h
Construction	Anodised aluminium with white finish
Package contents	8.3W LED up/down light fixture, wall plugs and screws
Product code	White Finish Warm White Light LWL053KWE

~~BEAM~~
ANGLE 120°



335
LUMENS

UP DOWN
LIGHT BEAM

6 YEAR
WARRANTY

DIAMA

INTERIOR UP/DOWN LIGHT (7.5W)

Transform walls into a visual feast with a Diama fixture. With its unique two-directional light beam, Diama is the perfect light for enhancing architecture.



↑
Light flows both
up and down
↓



TIP

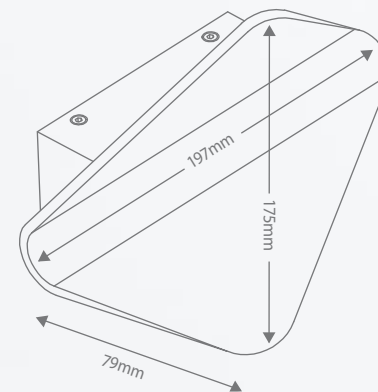
Combine this architectural light with Legrand Arteor switches and sockets to create a genuine feel of interior elegance and refinement

Main applications

Living areas, hallways, entrances

Power	7.5W	
Lumen output	Warm White	520lm
Efficacy	Warm White	69lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	30,000h	
Construction	Anodised aluminium with high gloss white finish	
Package contents	7.5W LED up/down light fixture, wall plugs and screws	
Product code	White Finish Warm White Light	LWL033KWE

**BEAM
ANGLE 120°**



**520
LUMENS**

**UP DOWN
LIGHT BEAM**

**6 YEAR
WARRANTY**



CALLA STEP LIGHTS (2.4W)

Scale the heights of style with Calla step lights, an illuminating choice for stairwells or hallways. Whether indoor or outdoor, the Calla excels with its impressive IP65 weatherproof rating.

Main applications

Stairs, hallways, corridors







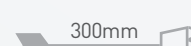
Use every second or third step, approximately 300-350mm above floor level, for the ultimate light spread

Power	2.4W	
Lumen output	Warm White	24lm
Efficacy	Warm White	10lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Dimming	Trailing & leading edge, 2 & 3 wire	
Lifespan	30,000h	
Construction	Corrosion resistant anodised aluminium	
Package contents	2.4W LED step light fixture	

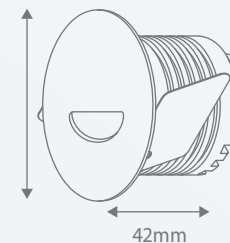
Product codes	White Finish	
	Warm White Light	LST013KWE
	Aluminium Finish	
	Warm White Light	LST013KPS
	Driver Kit	LDR02D700/18

Installation Must be installed with driver kit LDR02D700/18. A minimum of 2 and a maximum of 6 step lights must be connected with each driver. Step lights must be connected in series.

Driver kit contents LDR02D700/18

- Plug, lead, driver 
- Plug coupler (x2)  100mm
- Socket coupler (x2)  100mm
- Jumper (x1) 
- Hub (x3)  300mm

BEAM ANGLE 90°



45 MM CUT-OUT

24 LUMENS

IC ABUTTED & COVERED

IP65 WEATHERPROOF

6 YEAR WARRANTY



ZINNIA STARLIGHTS (2.4W)

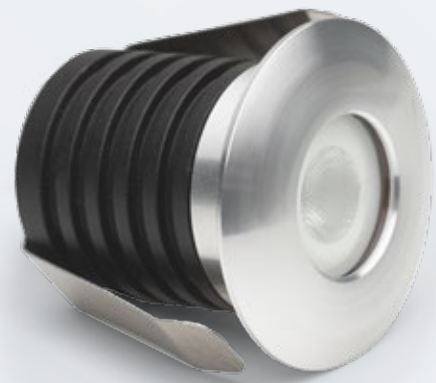
A fusion of discretion and efficiency, the Zinnia starlights are an in vogue choice for those with an eye for detail. Whether illuminating under cabinets or wall features, indoors or outdoors, the Zinnia is the epitome of versatile style. Available in white and silver. Weatherproof rated IP65.

Main applications

Under cabinets, alfresco areas, home theatres. Ideal for illuminating features and creating ambience



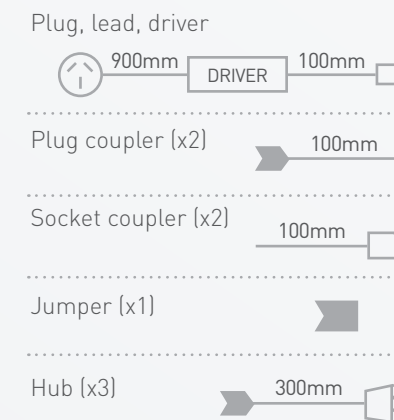
With a slim 35mm depth, Zinnia fits into almost any wall or ceiling cavity



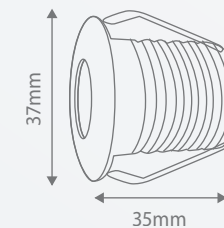
Power	2.4W	
Lumen output	Warm White	95lm
Efficacy	Warm White	39lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Dimming	Trailing & leading edge, 2 & 3 wire	
Lifespan	30,000h	
Construction	Corrosion resistant anodised aluminium	
Package contents	2.4W LED starlight fixture	
Product codes	White Finish Warm White Light	LST023KWE
	Aluminium Finish Warm White Light	LST023KPS
	Driver Kit	LDR02D700/18

Installation Must be installed with driver kit LDR02D700/18. A minimum of 2 and a maximum of 6 starlights must be connected with each driver. Starlights must be connected in series.

Driver kit contents LDR02D700/18



BEAM
ANGLE 45°



32
MM
CUT-OUT



95
LUMENS

IC
ABUTTED &
COVERED

IP65
WEATHERPROOF

6 YEAR
WARRANTY

RIBA STRIPLIGHT

Where other lights fear to tread the Riba calls home. Whatever your lighting challenge the Riba is equipped to match it - and always with style to spare. Be it a confined space or delicate mood lighting, satisfaction is assured.



Main applications

Under cabinets,
entertaining areas,
kitchens, home theatres



Power	7.2W	
Lumen output	Warm White	600lm
Efficacy	Warm White	50lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	30,000h	
Package contents	LDR01N700/36: 1m LED strip 7.2W & plug-in 36W transformer LSL013K: 1m LED strip with quick-connector	

Installation Starter kit (cat no LDR01N700/36) contains plug-in transformer with 1m LED strip. Additional inter-connectible 1m LED strips available (cat no LSL013K). Connect up to 5m of LED strips on one transformer. LED strips can be cut off every 10cm.

Product codes	LED striplight (1m) and transformer	LDR01N700/36
	LED striplight (1m) and quick-connector	LSL013K

600 LUMENS
QUICK CONNECT UP TO 5M
3 YEAR WARRANTY



MIKA

EXTERIOR UP/DOWN LIGHT (7W)

The Mika outdoor wall light features a modern design with smooth curved lines perfect for adding a contemporary look to gardens, patios and alfresco areas. This wall light casts both up and down providing ambient illumination to any outdoor space.



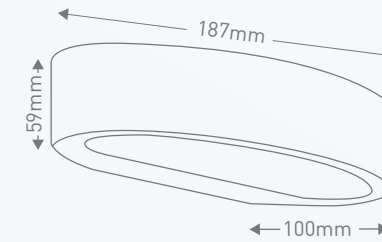
↑
Light flows both
up and down
↓

Main applications

Exterior walls, pillars,
front entrances and alfresco areas

Power	7W	
Lumen output	Warm White	350lm
Efficacy	Warm White	50lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	30,000h	
Construction	Anodised aluminium	
Package contents	7W LED up/down light fixture with allen key for mounting, wall plugs and screws	
Product code	Aluminium Finish Warm White Light	LWL063KPS

~~X~~
BEAM
ANGLE 120°

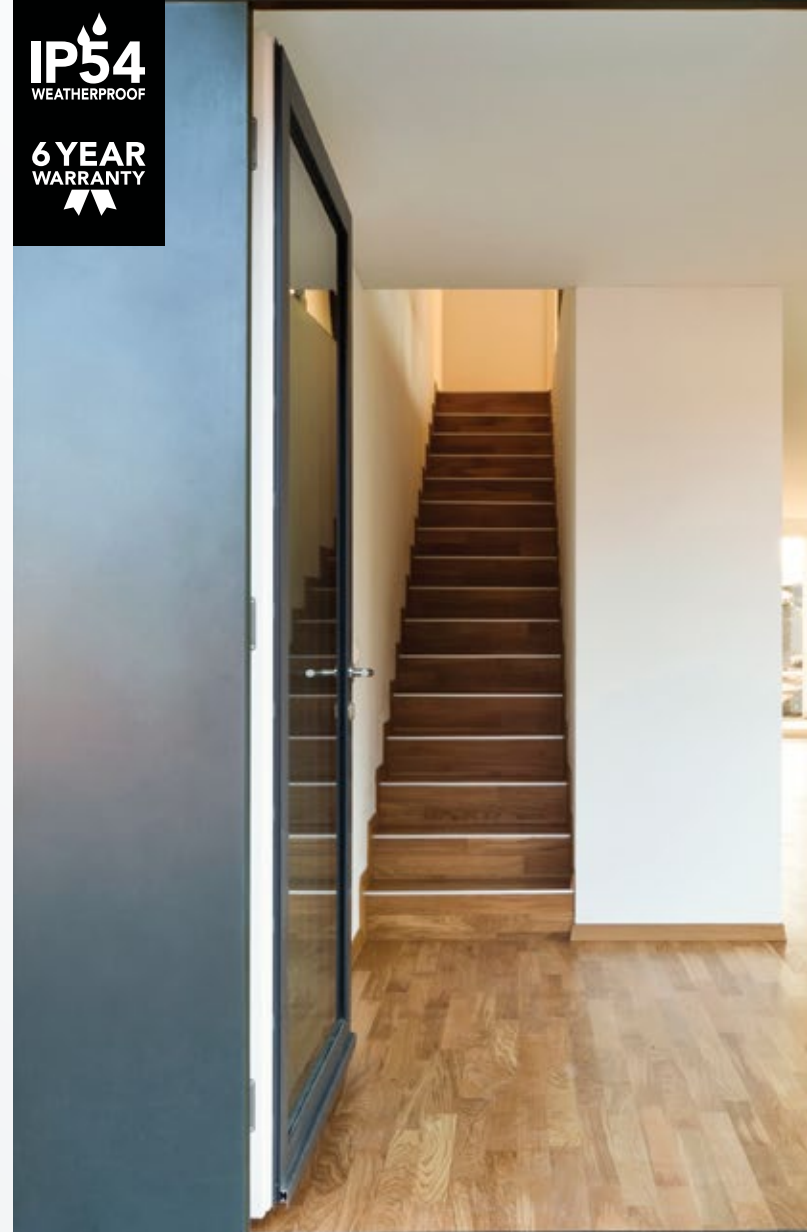


350
LUMENS

UP DOWN
LIGHT BEAM

IP54
WEATHERPROOF

6 YEAR
WARRANTY



KYRA

EXTERIOR UP/DOWN LIGHT (7.5W)

The multi-talented Kyra represents the ultimate in lighting versatility. Fitted with adjustable panels, Kyra effortlessly oscillates from an uplight to a downlight, or even both. Ideal for highlighting entrances or pillars. Weatherproof rated IP54.



↑
Light can flow
up, down or both
up and down
↓

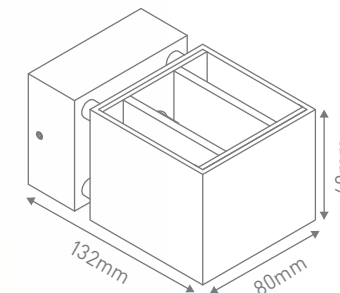
TIP

Use in conjunction with HPM 3 wire sensors to automatically switch on lights when movement is detected

Main applications

Exterior walls, pillars, front entrances

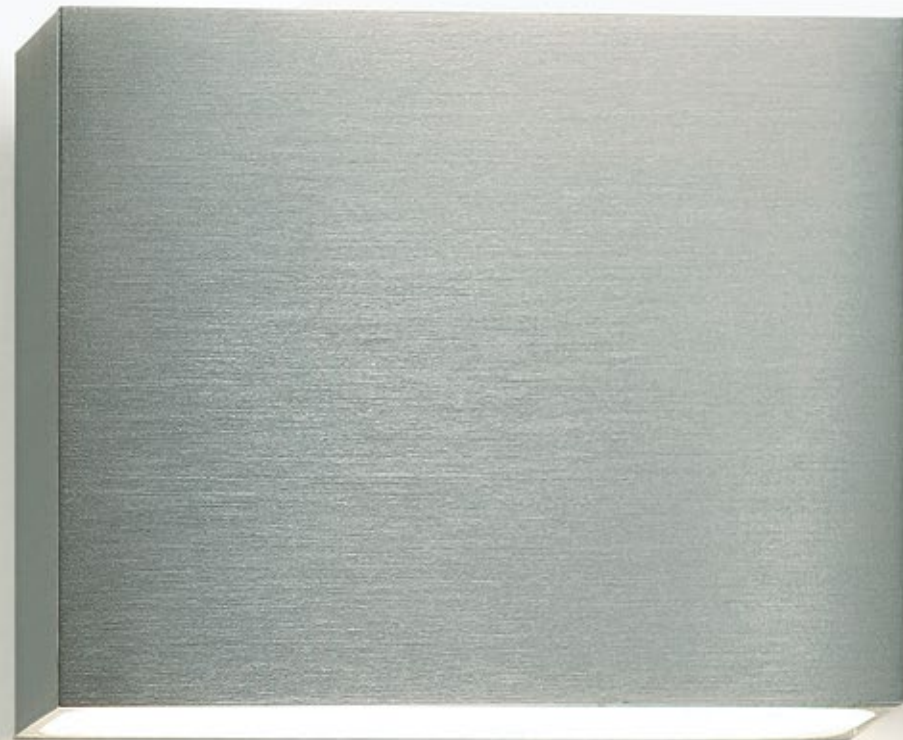
Power	7.5W
Lumen output	Warm White 430lm
Efficacy	Warm White 57lm/W
Colour temperature	Warm White 3,000K
CRI	80+
Lifespan	30,000h
Construction	Anodised aluminium
Package contents	7.5W LED up/down light fixture allen key for mounting, wall plugs and screws
Product code	Aluminium Finish Warm White Light LWL023KPS



PINNA

EXTERIOR UP/DOWN LIGHT (10W)

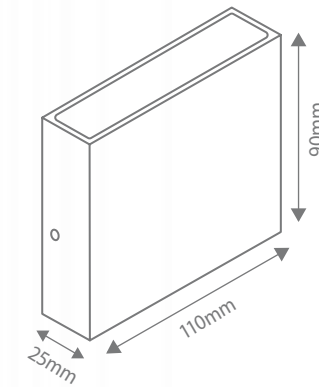
Slimline, discreet, stylish - the Pinna thrives in outdoor spaces. Utilise its dual-direction beam to foster an atmosphere of blissful tranquillity. Weatherproof rated IP54 and corrosion resistant.



↑
Light flows both
up and down
↓

Power	10W
Lumen output	Warm White 380lm
Efficacy	Warm White 38lm/W
Colour temperature	Warm White 3,000K
CRI	80+
Lifespan	30,000h
Construction	Corrosion resistant anodised aluminium
Package contents	10W LED up/down light fixture, allen key for mounting, wall plugs and screws
Product code	Aluminium Finish Warm White Light LWL013KPS

~~BEAM~~
BEAM
ANGLE 120°



380
LUMENS

UP DOWN
LIGHT BEAM

IP54
WEATHERPROOF

6 YEAR
WARRANTY

TIP

Match Pinna with Legrand Soliroc weatherproof switches and sockets for a harmonious outdoor theme



Main applications

Exterior walls, pillars, front entrances and backyard entertainment areas



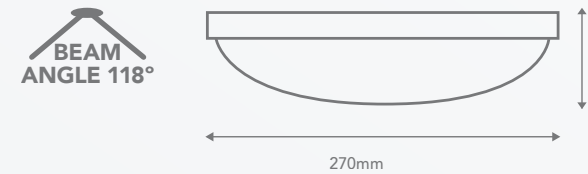
OROYA OUTDOOR LIGHT (12W)

The Oroya is a great choice as a weatherproof outdoor lighting solution with the versatility of being mounted on a wall or in a ceiling. Featuring a simple design, it is the ideal solution as an outdoor oyster light or bunker wall light.



Main applications
Outdoor walls and ceilings

Power	12W	
Lumen output	Cool White	870lm
Efficacy	Cool White	72lm/W
Colour temperature	Cool White	4,000K
CRI	80+	
Construction	UV resistant polycarbonate	
Package contents	12W outdoor light fixture, wall plugs and screws	
Product codes	White Finish Cool White Light	LBL014KWE



870 LUMENS

Wall or Ceiling Mounting

IP65 WEATHERPROOF

3 YEAR WARRANTY



TWIN FLOODLIGHT WITH SENSOR (29W)

This versatile floodlight features dual lights that can be independently positioned allowing different areas to be illuminated. Ideal for secluded walkways and driveways the PIR sensor automatically activates lights when motion is detected within the detection range.

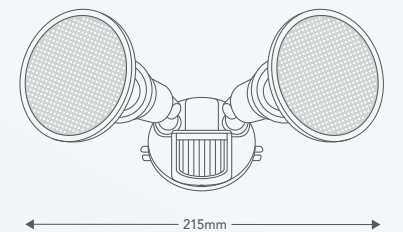


TIP

Passive infrared sensors are sensitive to a person's skin temperature through emitted body radiation, in contrast to background objects at room temperature. No energy is emitted from the sensor, thus the name "passive infrared" (PIR).

Power	29W	
Lumen output	Warm White	2,200lm
Efficacy	Warm White	75lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	30,000h	
Head swivel angle	120°	
Sensor detection range/angle	12m / 180°	
Sensor time-delay adjustment	10 (±5) seconds to 4 (±1) minutes	
Sensor type	Passive infrared (PIR)	
Construction	UV resistant polycarbonate	
Package contents	29W Twin LED floodlight with PIR sensor, wall plugs and screws, 2x14W PAR38 LED lamps	
Product code	Black Finish Warm White Light	LFS013KBL

BEAM ANGLE 120°



PAR38 replacement LED lamp (LPAR38013K)



2200 LUMENS

ADJUSTABLE TIME-DELAY & LUX LEVEL

IP44 WEATHERPROOF

3 YEAR WARRANTY



FORTA FLOODLIGHT (10W TO 40W)



Sporting a slick black, die cast aluminium body, Forta floodlights look fantastic as well as throw a powerful light. The optional PIR sensor automatically turns on the light when it detects movement, which is both a great energy saving and security feature.



Main applications

Ideal for driveways, secluded walkways, front and back porches.

UP TO
3000
LUMENS

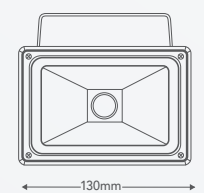
Sensor options available

IP44
WEATHERPROOF

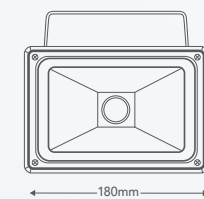
3 YEAR
WARRANTY

Power	10W 20W 30W 40W	
Lumen output	Cool White 730 1615 2250 3000lm	
Efficacy	Cool White 73 80 75 75lm/W	
Colour temperature	Cool White	4,000K
CRI	80+	
Lifespan	15,000h	
Construction	Die cast aluminium	
Head swivel angle	180° vertical	
Sensor detection range/angle	12m / 180°	
Sensor time-delay adjustment	10 (±5) seconds to 4 (±1) minutes	
Sensor type	Passive infrared (PIR)	
Sensor manual override	Yes	
Package contents	LED floodlight with mounting bracket, wall plugs and screws	
Product code	10W	LFL0110WBL
	20W	LFL0120WBL
	30W	LFL0130WBL
	40W	LFL0140WBL
	10W with PIR sensor	LFS0110WBL
	30W with PIR sensor	LFS0130WBL

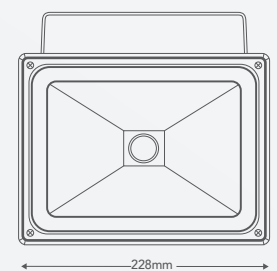
LFL0110WBL



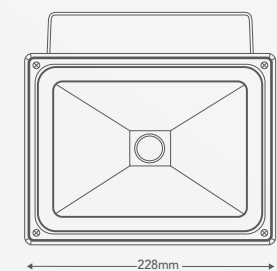
LFL0120WBL



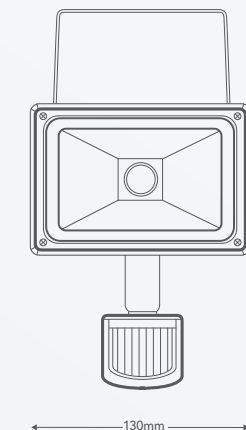
LFL0130WBL



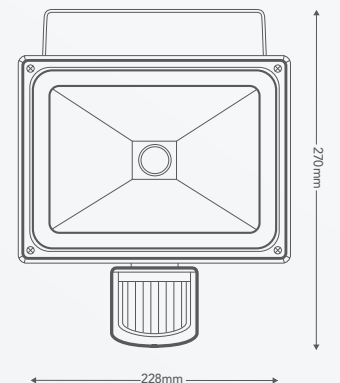
LFL0140WBL



LFS0110WBL



LFS0130WBL



TORAN FLOODLIGHT WITH SENSOR (16W)

Ideal for mounting under eaves or for illuminating driveways, the Toran keeps you safe with style. Equipped with a motion sensor for energy saving and an adjustable head which enables 180° flexibility.

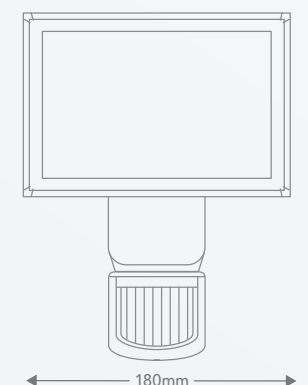


Main applications

Ideal for driveways, secluded walkways, front and back porches.

Power	16W	
Lumen output	Cool White	1,700lm
Efficacy	Cool White	106lm/W
Colour temperature	Cool White	4,000K
CRI	80+	
Lifespan	30,000h	
Head swivel angle	90° vertical / 120° horizontal	
Sensor detection range/angle	12m / 180°	
Sensor time-delay adjustment	10 (±5) seconds to 4 (±1) minutes	
Sensor type	Passive infrared (PIR)	
Sensor manual override	Yes	
Construction	UV resistant polycarbonate with aluminium heat sink	
Package contents	16W LED floodlight with sensor, wall plugs and screws	
Product code	Black Finish Cool White Light	LFS0316WBL

BEAM ANGLE 100°



UP TO
1700
LUMENS

PIR
SENSOR WITH
MANUAL
OVERRIDE

IP44
WEATHERPROOF

3 YEAR
WARRANTY



MAXIS FLOODLIGHT (9W)



The Maxis provides added security to outdoor areas with an integrated PIR motion sensor that lights up automatically when movement is detected.



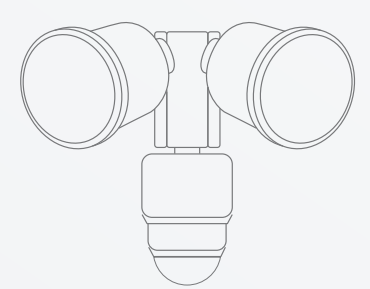
Horizontal and vertical adjustable head up to 90°

Main applications

Ideal for driveways, secluded walkways, front and back porches.

Power	9W	
Lumen output	Cool White	660lm
Efficacy	Cool White	73lm/W
Colour temperature	Cool White	4,000K
CRI	80+	
Lifespan	25,000h	
Head swivel angle	90° vertical and horizontal	
Sensor detection range/angle	8m / 130°	
Sensor time-delay adjustment	10 (±5) seconds to 4 (±1) minutes	
Sensor type	Passive infrared (PIR)	
Construction	UV resistant polycarbonate	
Package contents	9W LED floodlight with sensor, wall plugs and screws	
Product code	Black Finish Cool White Light	LSS0209WBL

~~BEAM ANGLE 120°~~



660 LUMENS

ADJUSTABLE TIME-DELAY & LUX LEVEL

IP44 WEATHERPROOF

3 YEAR WARRANTY



BAKRA FLOODLIGHT (13W)

Illuminate your outdoor space with the Bakra. The functional design casts a wide spread of light making outdoor spaces brighter and safer.



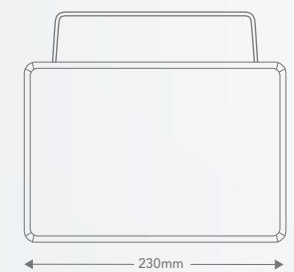
Wall or ceiling mount

Main applications

Ideal for driveways, secluded walkways, front and back porches.

Power	13W	
Lumen output	Warm White	1100lm
Efficacy	Warm White	84lm/W
Colour temperature	Warm White	4,000K
CRI	80+	
Head swivel angle	180°vertical	
Lifespan	15,000h	
Package contents	13W LED floodlight with mounting brackets, wall plugs and screws	
Product code	Black Finish Cool White Light	LFL0213WBL

BEAM ANGLE 105°



UP TO
1100
LUMENS

ADJUSTABLE
HEAD 180°

IP44
WEATHERPROOF

3 YEAR
WARRANTY



DIMMER COMPATIBILITY



Legrand Excel Life



Legrand Arteor



HPM Linea and Excel

LED FIXTURE RANGE	DIMMER TYPE	DIMMERS COMPATIBILITY	MAXIMUM LIGHTS PER DIMMER	DIMMING RANGE
AZA+ Downlights DLI Downlights	Trailing edge only	400A3P	12	100%-1%
		400A2P	12	97%-9%
		400T	12	100%-7%
		250T	8	100%-7%
		700T	21	100%-13%
		1000T	30	100%-16%
Dalia Downlights	Trailing edge & leading edge	400A3P	8	100%-5%
Azalea Downlights		400T / 400L	8	100%-10%
Freesia Downlights		250T / 250L	5	100%-10%
Luna Panel Lights		400T / 400L	8	100%-10%
Calla Step Lights		700T / 700L	14	100%-25%
Zinnia Starlights		1000T / 1000L	20	100%-25%
DLS Downlights	Trailing edge only	400A3P	8	100%-10%
		250T	5v	100%-10%
		400T	8	100%-10%
		700T	14	100%-25%
		1000T	20	100%-25%

ACCESSORIES

DOWNLIGHT EXTENSION PLATES



CAT NO.

LEP120WE	Suitable for hole cut-outs up to Ø 120mm
LEP150WE	Suitable for hole cut-outs up to Ø 150mm

Suitable for: DLI90, AZA+, Dalia, Azalea, and DLS series

LEGRAND EXCEL LIFE



EM400A3P (3 wire)
EM400A2P (2 wire)
Excel Life 400VA all load 2 & 3 wire electronic push button dimmer mechanism
White:
EM400A3PWE
EM400A2PWE
Urban Grey:
EM400A3PUG
EM400A2PUG



EM250T*
Excel Life 250VA 2 wire trailing edge rotary dimmer mechanism
White:
EM250TRWE
Urban Grey:
EM250TRUG



EM400T*
Excel Life 400VA 2 wire trailing edge rotary dimmer mechanism
White:
EM400TRWE
Urban Grey:
EM400TRUG

LEGRAND ARTEOR



AR400A3P (3 wire)
AR400A2P (2 wire)
Arteor 400VA all load 2 & 3 wire push button dimmer mechanism
White:
AR400A3PMWE
AR400A2PMWE
Magnesium:
AR400A3PMMGN
AR400A2PMMGN



AR400T / AR400L*
Arteor 400VA 2 wire rotary dimmer mechanism
White:
AR400TMWE
AR400LMWE
Magnesium:
AR400TMMGN
AR400LMMGN

HPM LINEA AND EXCEL



450PM (3 wire)
400A2P (2 wire)
Excel or Linea 450VA (3 wire) and 400VA (2 wire) electronic push button dimmer mechanism
White: 450PMWE
400A2PWE
450PM also available in black, black matt silver, white matt silver & cream



250T / 250L*
Excel or Linea 250VA 2 wire rotary dimmer mechanism
White: 250LMWE
250TMWE
Also available in black & cream



400T / 400L*
Excel or Linea 400VA 2 wire rotary dimmer mechanism
White: 400TMWE
400LMWE
Also available in black & cream



700T / 700L*
Excel or Linea 700VA 2 wire rotary dimmer mechanism
White: 700TMWE
700LMWE



1000T / 1000L*
Excel or Linea 1000VA 2 wire rotary dimmer mechanism
White: 1000TMWE
1000LMWE

*T = Trailing Edge, L = Leading Edge

INDEX OF PROTECTION

1. Protection against solid bodies and liquids: IP index of protection

Degrees of protection for enclosures of electrical equipment according to standards:
IEC 60529, BS EN 60529 and NF EN 60529

1st digit:

protection against solid bodies
(See AS 1939, Clause 5)

IP	Tests	IP
0	No protection	
1	Protected against solid bodies larger than 50 mm (e.g. accidental contact with the hand)	A
2	Protected against solid bodies larger than 12.5 mm (e.g. finger)	B
3	Protected against solid bodies larger than 2.5 mm (e.g. tools, wires)	C
4	Protected against solid bodies larger than 1 mm (e.g. fine tools and small wires)	
5	Protected against dust (no harmful deposit)	D
6	Completely protected against dust	

2nd digit:

protection of equipment against ingress of harmful liquids
(See AS 1939, Clause 6)

IP	Tests	IP
0	No protection	
1	Protected against vertically-falling drops of water (condensation)	
2	Protected against drops of water falling at up to 15° from the vertical	
3	Protected against drops of rain water at up to 60° from the vertical	
4	Protected against projections of water from all directions	
5	Protected against jets of water (from all directions)	
6	Protected against jets of water of similar force to heavy seas	
7	Protected against the effects of immersion	
8	Protected against prolonged effects of immersion	

2. Protection IK, against mechanical impact.

According to standards: IEC 62262, BS EN 62262 and NF EN 62262

IK	Tests	Impact energy (in Joules)
IK 00		0
IK 01	0.2 kg, 75 mm	0.15
IK 02	0.2 kg, 100 mm	0.2
IK 03	0.2 kg, 175 mm	0.35
IK 04	0.2 kg, 250 mm	0.5
IK 05	0.2 kg, 350 mm	0.7

IK	Tests	Impact energy (in Joules)
IK 06	0.5 kg, 200 mm	1
IK 07	0.5 kg, 400 mm	2
IK 08	1.7 kg, 295 mm	5
IK 09	5 kg, 200 mm	10
IK 10	5 kg, 400 mm	20

• This table can be used to ascertain the resistance of a product to an impact given in Joules from the IK code (graduated from 00 to 10)



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