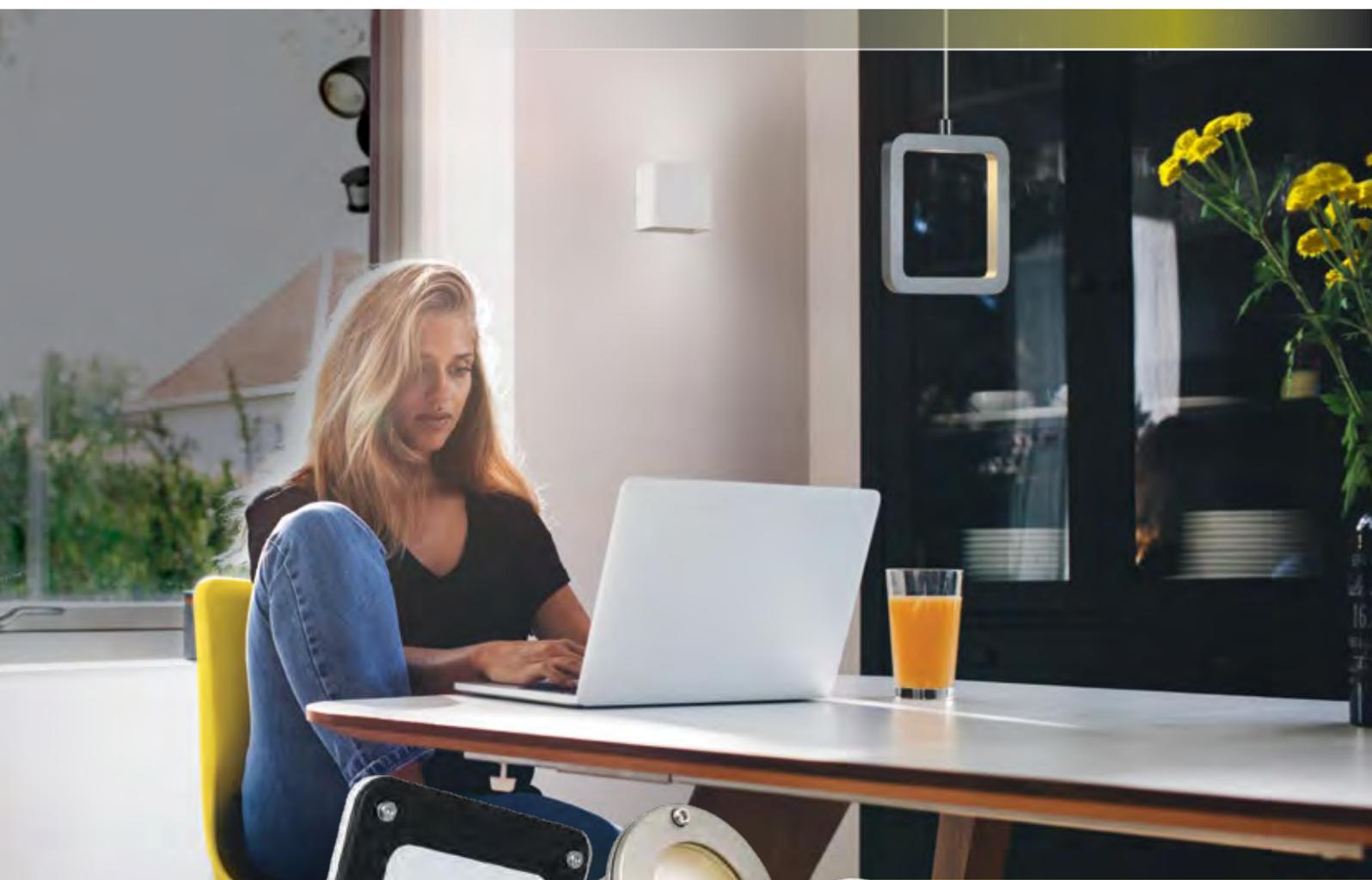




A brand of  **legrand**

LED LIGHTING



**BRIGHT
STYLISH
EFFICIENT**

2018 - EDITION 5



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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 30,000 HOURS	COMPACT FLUORESCENT 10,000 HOURS	INCANDESCENT 1,000 HOURS
------------------	----------------------------------	--------------------------

DURABILITY: LEDs are very long-lasting compared to other lighting technologies, with an average 30,000 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
220 lm	25W	18W	5-7W	3W
420 lm	40W	28W	7-8W	4-5W
720 lm	60W	42W	11-12W	6-8W
930 lm	75W	52W	13-18W	9-13W
1300 lm	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

Many of our lights are capable of being dimmed effectively. For optimum dimming performance and to reduce flickering, use HPM or Legrand dimmers. See pages 102-103 for more details.



INSULATION RATING

All recessed luminaires included in this brochure have an insulation rating of IC, IC-F, IC-4, CA80 and CA90. 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.



IP RATING

All our products are assured against insects and moisture, with IP ratings ranging from IP42 to IP65. See IP chart on page 105 for more information.

LED LIGHTING FIXTURES



TALANTA

EXTERIOR UP/DOWN LIGHT (4.4W)

NEW

Made from the highest quality power coated stainless steel and an approved weatherproof rating of IP55, the Talanta up/down light has been tested to withstand all Australian weather conditions. And it looks good too.



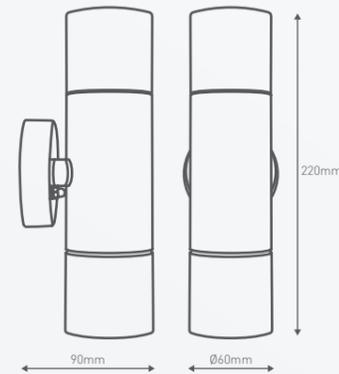
↑
Light flows both
up and down
↓

Main applications

Exterior walls, pillars, front entrances and alfresco areas

Power	2 x 2.2W	
Lumen output	Warm White	120 lm
Efficacy	Warm White	27 lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	35,000 h	
Construction	Stainless steel - brushed Electroplate	
Package contents	4.4W LED up/down light fixture with allen key for mounting, 2 x GU10 LED globes, wall plugs and screws	
Product code	Aluminium Finish Warm White Light	LWL043KPS

~~BEAM~~
ANGLE 45°



GU10 base LED globes included

120
LUMENS

UP/DOWN
LIGHT BEAM

IP55
WEATHERPROOF

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 light up and down, providing ambient illumination to any outdoor space.



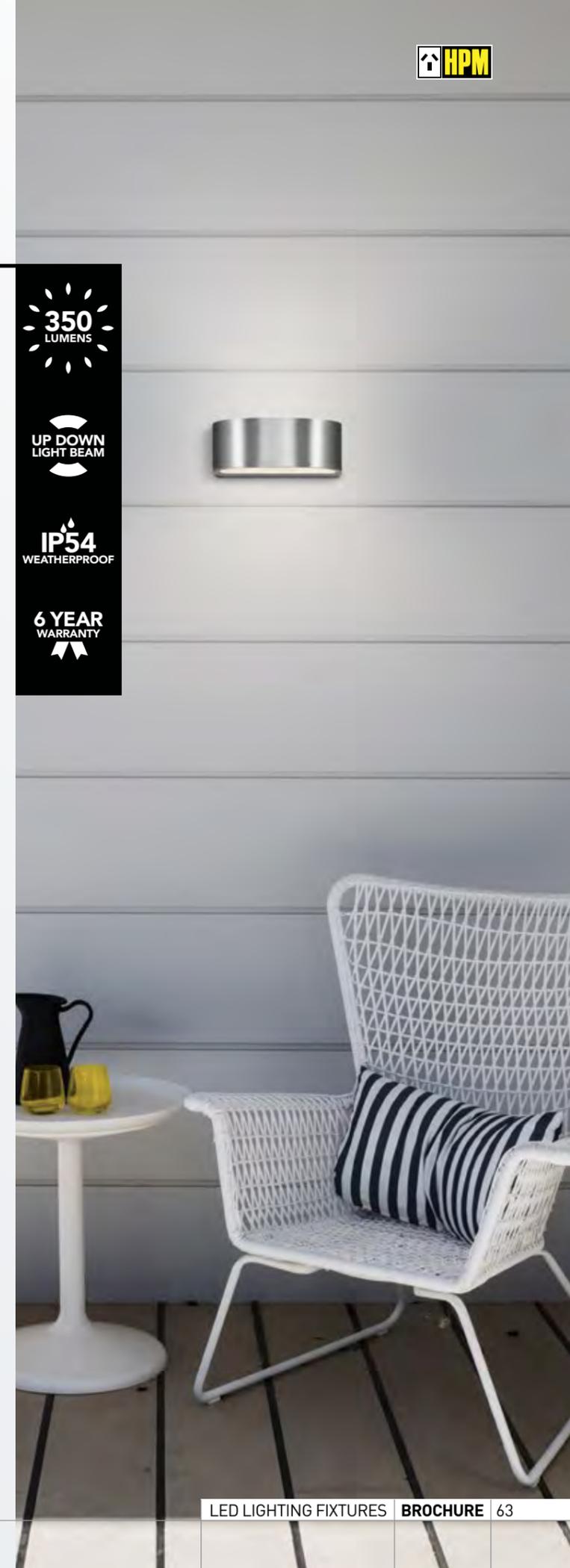
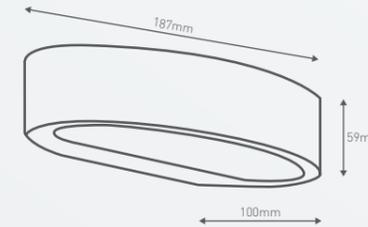
↑
Light flows both
up and down
↓

Main applications

Exterior walls, pillars,
front entrances and
alfresco areas



Power		8W (WE)		8W (BL)
Lumen output	Warm White	365 lm		276 lm
Efficacy	Warm White	50 lm/W		34 lm/W
Colour temperature	Warm White	3,000K		
CRI	80+			
Lifespan	30,000 h			
Constructions	Electroplate			
Product codes	Aluminium Finish Warm White Light			LWL063KPS
	Black Fascia Warm White Light			LWL063KBL



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

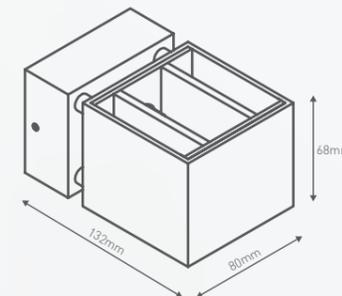
Use in conjunction with Legrand 3 wire outdoor sensors to automatically switch on lights when movement is detected

Main applications

Exterior walls, pillars, front entrances

Power	7.5W	
Lumen output	Warm White	430 lm
Efficacy	Warm White	57 lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	30,000 h	
Construction	Electroplate	
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
	White Finish Warm White Light	LWL023KWE

~~BEAM ANGLE 120°~~



430
LUMENS

UP DOWN
LIGHT BEAM

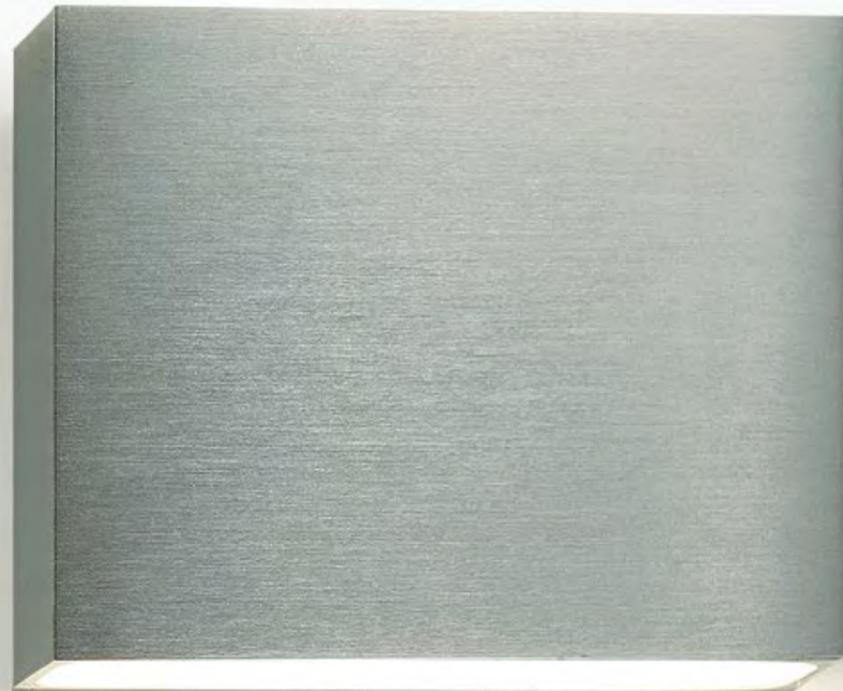
IP54
WEATHERPROOF

6 YEAR
WARRANTY

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 tranquility. Weatherproof rated IP54 and corrosion resistant.



↑
Light flows both
up and down
↓

Power	7.6W	
Lumen output	Warm White	420 lm
Efficacy	Warm White	55 lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	30,000 h	
Construction	Electroplate	
Package contents	10W LED up/down light fixture, allen key for mounting, wall plugs and screws	
Product code	Aluminium Finish Warm White Light	LWL013KPS

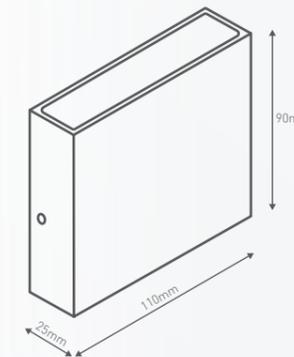
420
LUMENS

UP DOWN
LIGHT BEAM

IP54
WEATHERPROOF

6 YEAR
WARRANTY

BEAM
ANGLE 120°



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

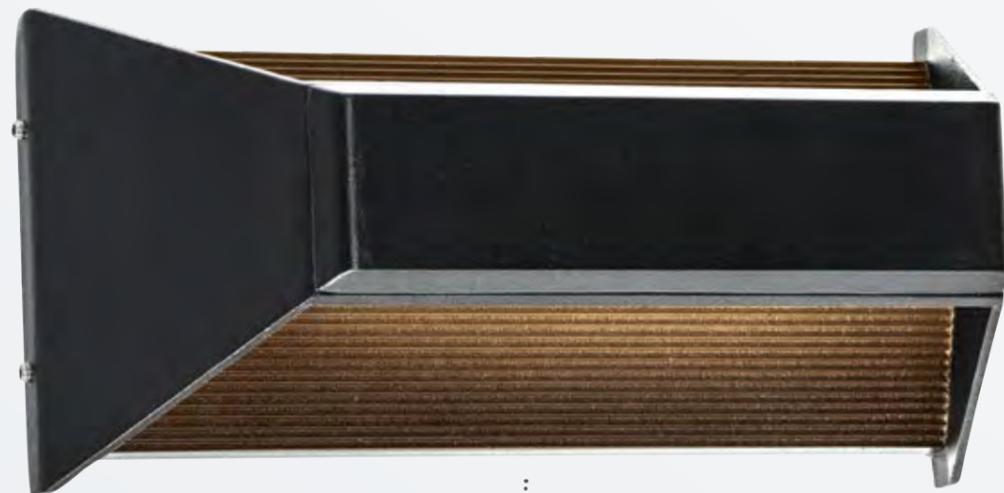


NEW

SPARTIKA

EXTERIOR UP/DOWN LIGHT (13W)

Strong, powerful, durable and robust, Spartika is the ultimate soldier for supreme performance in the toughest conditions. Its IP54 rating and 5 year warranty cements its unyielding reputation, while its LED globe ensures brilliant illumination. The up-down light distribution provides the perfect amount of ambience to any outdoor space. Spartika is not afraid to shy away, making a bold statement with its modern, angular design and jet black finish. If you want a fierce soldier that leaves a friendly green footprint, you've met your match!



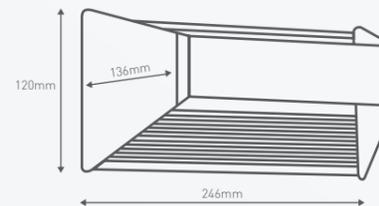
↑
Light flows both
up and down
↓

Main applications

Exterior walls, pillars, front entrances and alfresco areas

Power	13W	
Lumen output	Warm White	500 lm
Efficacy	Warm White	38 lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	35,000 h	
Construction	Power coated	
Package contents	13W LED up/down light fixture, allen key for mounting, wall plugs and screws	
Product code	Aluminium Finish Warm White Light	LWL093KBL

BEAM
ANGLE 120°

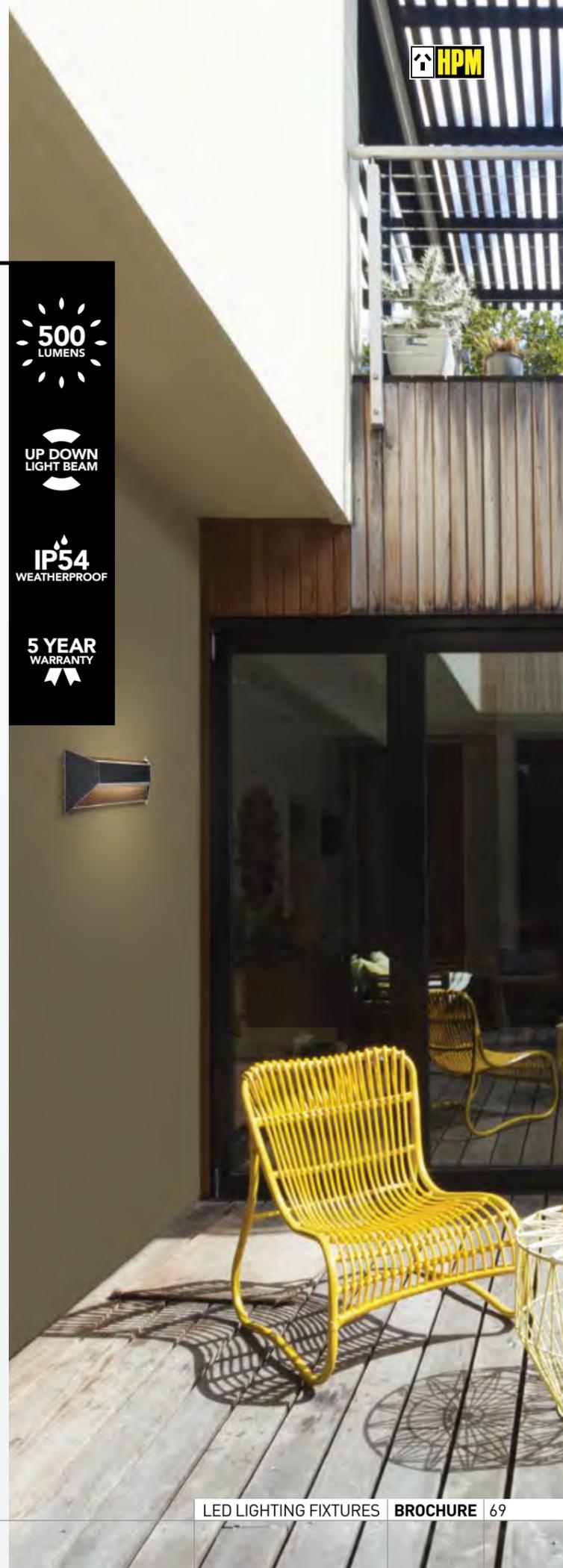


500
LUMENS

UP DOWN
LIGHT BEAM

IP54
WEATHERPROOF

5 YEAR
WARRANTY



HPM

NEW

KATYA

EXTERIOR ADJUSTABLE LIGHT (10W)

When it comes to beauty, sophistication and class, Katya ticks every box. This stunning LED is the kind of light that will make other lights jealous and render your guests speechless. This graceful light has been made with careful thought, crafted with a petite, slim, minimalist design and a sleek, metallic finish that would suit any décor. Katya is made at an adjustable rotation angle, giving you the freedom to highlight a specific area or to create a stunning layered lighting effect. With a warranty of 5 years, a weatherproof rating of IP65 and an aesthetic rating of 'stunning', this LED comes highly recommended.

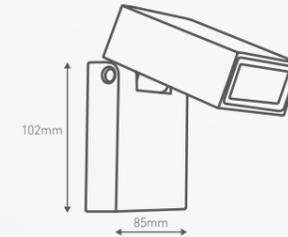


Main applications

Exterior walls, pillars, front entrances and alfresco areas

Power	10W
Lumen output	Warm White 720 lm
Efficacy	Warm White 72 lm/W
Colour temperature	Warm White 3,000K
CRI	80+
Lifespan	35,000 h
Construction	Electroplate
Package contents	12W LED up/down light fixture, allen key for mounting, wall plugs and screws
Product code	Aluminium Finish Warm White Light LWL073KPS

~~BEAM ANGLE 100°~~



720 LUMENS

ADJUSTABLE HEAD 90°

IP65 WEATHERPROOF

5 YEAR WARRANTY



ROTAYA

EXTERIOR ADJUSTABLE LIGHT (10W)

NEW

For a unique, eye-catching design, step out of the box with Rotaya. The LED globe is designed with smooth, circular curves, while the base is straight, sharp and angular. Rotaya dares to be different by merging such contrasting shapes, resulting in a superb look that draws in the eye. This ultra-modern looking light is also ultra-flexible, with a beam angle of 110 degrees. Durable, long-lasting and striking in design, Rotaya will be a stand-out from the rest!



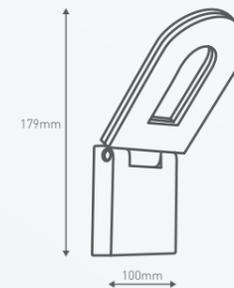
↑
Light flows both
up and down
↓

Main applications

Exterior walls, pillars,
front entrances and
alfresco areas

Power	9W	
Lumen output	Warm White	600 lm
Efficacy	Warm White	60 lm/W
Colour temperature	Warm White	3,000K
CRI	80+	
Lifespan	35,000 h	
Construction	Electroplate	
Package contents	12W LED up/down light fixture, allen key for mounting, wall plugs and screws	
Product code	Aluminium Finish Warm White Light	LWL083KPS

~~X~~
**BEAM
ANGLE 110°**



**600
LUMENS**

↕
**ADJUSTABLE
HEAD 180°**

**IP65
WEATHERPROOF**

**5 YEAR
WARRANTY**



GLAMA

EXTERIOR ADJUSTABLE LIGHT (10W)

NEW

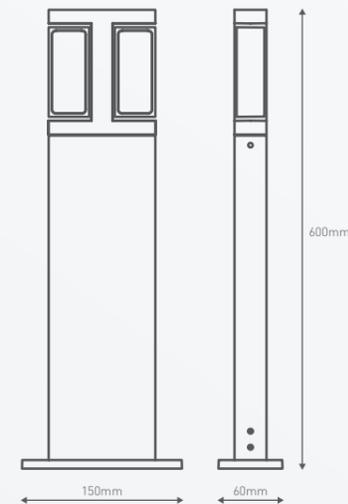
Modern, elegant and simple, this outdoor LED light makes a statement. Made from die-cast aluminium with an exquisite metallic finish, Glama is the perfect lighting solution to add a contemporary look and feel to any outdoor space. The independent adjustable light allows for light play across multiple levels, working as a handy guide for the path, or highlighting a hidden nook from afar. Glama is also made to last. With an IP55 weatherproof rating and 5 year warranty, this symmetrical beauty will stand tall with utmost confidence – rain, hail or shine.



Main applications

Driveways, secluded walkways, front and back porches

Power	10W
Lumen output	Cool White 700 lm
Efficacy	Cool White 70 lm/W
Colour temperature	Cool White 4,000K
CRI	80+
Lifespan	35,000 h
Construction	Electroplate
Package contents	10W LED up/down light fixture, allen key for mounting, wall plugs and screws
Product code	Aluminium Finish Warm White Light LBD0112PS



700 LUMENS

DIE-CAST ALUMINIUM CONSTRUCTION

IP55 WEATHERPROOF

5 YEAR WARRANTY



DIMMER COMPATIBILITY

LED FIXTURE RANGE	DIMMER TYPE	DIMMERS COMPATIBILITY	MAXIMUM LIGHTS PER DIMMER	DIMMING RANGE
DLI70 Downlights	Trailing edge only	400A3P	16	100%-1%
		400A2P	16	89%-7%
		250T	11	100%-7%
		400T	16	94%-8%
		700T	28	100%-15%
		1000T	40	100%-18%
AZA+ Downlights DLI90, DLI110, DLI125 & DLI150 Downlights	Trailing edge only	400A3P	12	100%-1%
		400A2P	12	97%-9%
		250T	8	100%-7%
		400T	12	100%-7%
		700T	21	100%-13%
Dalia Downlights Azalea Downlights Freesia Downlights Luna Panel Lights Calla Step Lights Zinnia Starlights	Trailing edge & leading edge	400A3P	8	100%-5%
		400A2P	8	100%-10%
		250T / 250L	5	100%-10%
		400T / 400L	8	100%-10%
		700T / 700L	14	100%-25%
		1000T / 1000L	20	100%-25%
DLS Downlights	Trailing edge only	400A3P	8	100%-10%
		400A2P	8	100%-10%
		250T	5	100%-10%
		400T	8	100%-10%
		700T	14	100%-25%
		1000T	20	100%-25%

Note: Not all LED lights are dimmable, refer to product details to confirm suitability for dimming.



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



400A2P (2 wire)
Excel or Linea and 400VA (2 wire) electronic push-button dimmer mechanism
White: 400A2PWE



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



VIVO™



EVM400A3* (3 wire)
EVM400A2* (2 wire)
VIVO 400VA all load 2 & 3 wire electronic push button dimmer mechanism
White: EVM400A3WE,
EVM400A2WE
Grey: EVM400A3GR,
EVM400A2GR

*T = Trailing Edge, L = Leading Edge

ACCESSORIES

DOWNLIGHT EXTENSION PLATES

Cat No.	Image	Description
LEP120WE		Suitable for hole cut-outs up to Ø120mm
LEP150WE		Suitable for hole cut-outs up to Ø150mm

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

LIGHTING SENSORS

Passive infrared (PIR) sensor

Sensitive to a person's skin temperature through emitted body radiation, in contrast to background objects at room temperature. HPM range of sensors is suitable for both indoor and outdoor for various locations throughout the house including corridors, wardrobes, secluded walkways and garages.

Whether used for extra safety around the house or for convenience indoors, these deliver great energy savings all year round.

Cat No.	Image	Description	Finish	Manual override	IP Rating	Application	Mounting type	Detection range	Detection angle	Time delay
630S01BL		180° PIR Sensor	Black	No	IP44	Indoor/Outdoor	Wall Surface Mounted	12m	180°	8s to 7min
630S01WE		180° PIR Sensor	White	No	IP44	Indoor/Outdoor	Wall Surface Mounted	12m	180°	8s to 7min
630SM01BL		180° PIR Sensor	Black	Yes	IP44	Indoor/Outdoor	Wall Surface Mounted	12m	180°	8s to 7min
630SM01WE		180° PIR Sensor	White	Yes	IP44	Indoor/Outdoor	Wall Surface Mounted	12m	180°	8s to 7min
630S02WE		360° PIR Sensor	White	No	IP20	Indoor	Ceiling Surface mounted	8m	360°	10s to 10min
630R02WE		360° PIR Sensor	White	No	IP41	Indoor	Ceiling Surface mounted	8m	360°	10s to 10min
630R01WE		360° PIR Sensor	White	No	IP20	Indoor	Ceiling surface mounted	6m	360°	10s to 15min
488TRI3W		Triscan 3-Wire Pir Sensor	White	Yes	IP66	Outdoor	Wall Surface Mounted	8m	120°	8s to 15min

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

First 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	

Second 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		0.15
IK 02		0.2
IK 03		0.35
IK 04		0.5
IK 05		0.7

IK	Tests	Impact energy (in Joules)
IK 06		1
IK 07		2
IK 08		5
IK 09		10
IK 10		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)



A brand of **legrand**



Member of:



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