DISPLAY

AURALED

DISPLAY

HOME OF LED DISPLAY LIGHTING SOLUTIONS
Since 2011 AuraLed has established itself as a market leader in LED Lighting solutions. We are continually developing our products to meet the ever-changing demands of our clients and adopting new technologies to offer new and improved solutions.

We pride ourselves on ensuring we provide a bespoke LED solution on all projects. Quality control, branded diodes, drivers and high-quality fabrication is the norm.

We are also heavily involved with DMX/RGB projects throughout the UK, where we utilise the latest smart lighting technologies such as Alexa, Zigbee and WiFi, as well as hardwire solutions using DMX 512 or Dali controls.

We are proud to offer our clients full turnkey solutions from the design stage through to commissioning.

DISPLAY LIGHTING

KEY FEATURES

· Suitable for indoor and outdoor
· Cutting or soldering optional
· Tuneable white optional flexible led
· Various colours
· Custom design on request

Specification	
Voltage (V)	24
Input Frequency (Hz)	50-60
Drivers	N/A
CRI (Ra)	80
Life (H)	30000
Operating Temperature (˚c)	-25 to +50
IP Rating	IP20 / 65 / 68
Warranty (yrs)	3

AURASMART

Physical Data	
Shape	STRIP
Colour	VARIOUS
Finish	N/A

Ordering Information						
Part Number	Power (W)	LED per metre	Lumen	Height (mm)	Width (mm)	Colour (K)
PROSTRIP27-120-20/65/68	9.6	120	768	2.4/5.0	8/10	2700
PROSTRIP40-120-20/65/68	9.6	120	883	2.4/5.0	8/10	4000
PROSTRIP60-120-20/65/68	9.6	120	864	2.4/5.0	8/10	6000
PROSTRIPRGB-60-20/65/68	14.4	60	510	2.4/5.0	12	RGB
PROSTRIPRGB-96-20/65/68	14.4	96	940	2.4/5.0	12	RGB
PROSTRIPRGBWW-60-20/65/68	14.4	60	861	2.4/5.0	12	RGB (2700)
PROSTRIPRGBWW-96-20/65/68	14.4	96	940	2.4/5.0	12	RGB (2700)
PROSTRIPRGBW-60-20/65/68	14.4	60	861	2.4/5.0	12	RGB (4000)
PROSTRIPRGBW-96-20/65/68	14.4	96	940	2.4/5.0	12	RGB (4000)
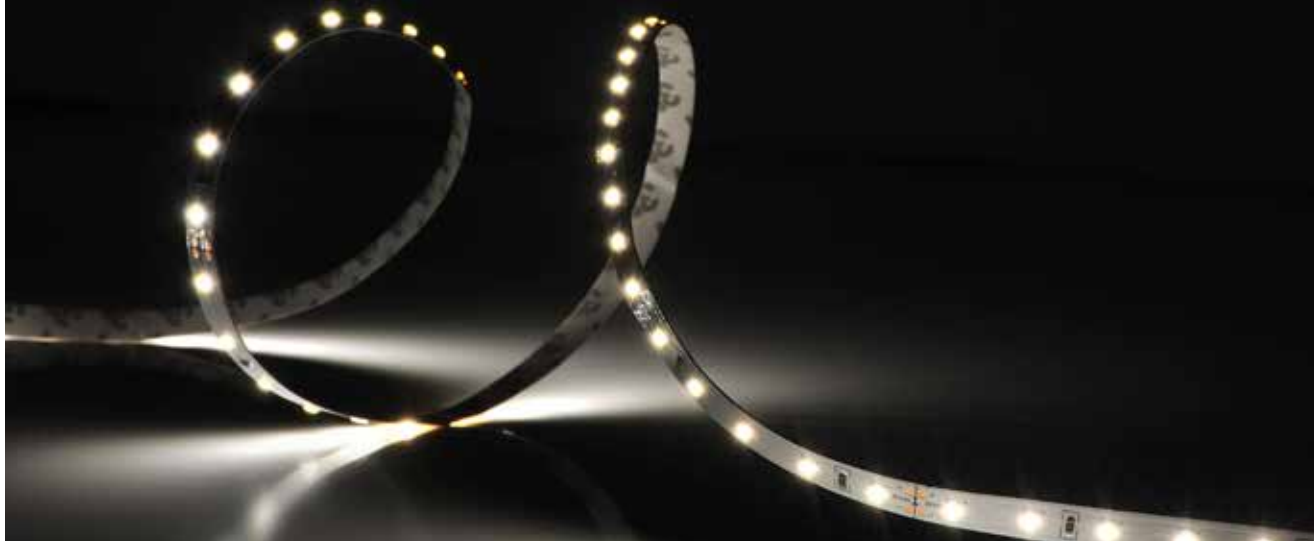
IP**20 / 65 / 68**   WARRANTY: **3 YEARS**

Specification

Specification	
Voltage (V)	24
Input Frequency (Hz)	50-60
Drivers	N/A
CRI (Ra)	80
Life (H)	30000
Operating Temperature (˚c)	-25 to +50
IP Rating	IP20 / 65 / 68
Warranty (yrs)	3

AURASMART

Physical Data

Physical Data	
Shape	STRIP
Colour	VARIOUS
Finish	N/A

KEY FEATURES

· Suitable for indoor and outdoor
· Cutting or soldering optional
· Various colours
· Custom design on request

Ordering Information

Part Number	Power (W)	LED per metre	Lumen	Height (mm)	Width (mm)	Colour (K)
STRIP27-120-20/65/68	4.8	120	384	2.4/5.0	8/10	2700
STRIP40-120-20/65/68	4.8	120	442	2.4/5.0	8/10	4000
STRIP60-120-20/65/68	4.8	120	432	2.4/5.0	8/10	6000
STRIPBLUE-120-20/65/68	4.8	120	120	2.4/5.0	8/10	BLUE
STRIPGREEN-120-20/65/68	4.8	120	120	2.4/5.0	8/10	GREEN
STRIPRED-120-20/65/68	4.8	120	200	2.4/5.0	8/10	RED
STRIPRED-20/65/68	4.8	60	120/114/120	2.4/5.0	8/10	Red

IP**20 / 65 / 68**   WARRANTY: **3 YEARS**   CE   RoHS compliant

LED Strip lighting is becoming an increasingly popular solution for both domestic and commercial applications. The flexibility of LED means you can be as creative as you like when it comes to both indoor and outdoor lighting solutions

COLOUR SELECTION

2700K - The lower the Kelvin, the warmer the light temperature.
· Creates a warm, soft glow
· Use in traditional spaces
· Use to enhance brown wood effects etc.

4000K – Creates a cooler, more natural light temperature.
·Use in modern kitchens, bathrooms or anywhere you require a clean, crisp look.

RGB – Colour changing only, no white
RGBW (+4000K) – Colour changing with natural white setting.
RGBWW (+2700K) - Colour changing with warm white setting.

2200K-2400K
2400K-2600K
2600K-2800K
2800K-3000K
3000K-3200K
4000K-4500K
5000K-5500K
6000K-6500K

IP (INGRESS PROTECTION) SELECTION

IP20 – Near to zero ingress protection. Use only indoor, dry areas.

IP65 – Good level of dust and water protection. Use in kitchens, bathrooms and bar areas. Also anywhere that would be cleaned with a wet cloth or cleaning substance.

IP68 – Any external project. For submersed projects, please seek advice from our engineers.

WATTAGE (POWER) SELECTION

· Applies to white (single colour type only)
Use 4.8w/mtr for feature lighting, creates a 100-200mm wall wash.

· Applies to white (single colour type only)
Use 9.6w/mtr to provide an adequate light source. Creates a 200-400mm wall wash. Two parallel runs of this can be used in a profile to provide the main lighting.

· Use 14.4w/mtr's on all colour changing strip options. This can be dimmed using a remote, wall controller or app based products.

DRIVER SELECTION & GUIDELINES

· An LED strip driver is a transformer that reduces the voltage from mains (220-240v) to 24 volts - Which is the voltage of AuraLED's LED Strip.
· Non-Dimmable (standard) drivers run at 80% capacity. E.g. 100 watt driver: max 8mtrs of 9.6w/mtr strip or 16mtrs of 4.8w/mtr strip.
· Dimmable drivers can be run to full capacity. Consider volt drop 1 x 10m run ✓ 2 x 10m run ✓ 1 x 15m run ✗.
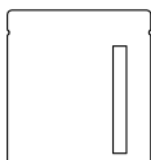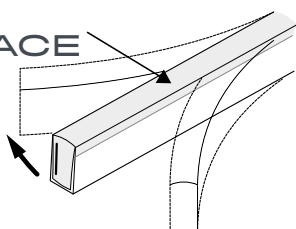· Note: please ensure all drivers are well ventilated.

LED PROFILE SELECTION

· Aluminium Profile is essential to strip installation as this provides a heat sink to ensure longevity.

· The Profile also dilutes any spotting (use minimum 16mm depth where possible).

· LED Profile ensures a professional, smooth, straight, long-lasting installation.
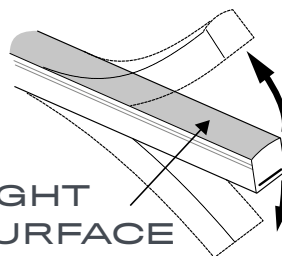
LIGHT
SURFACE

HB
16x17mm

LIGHT
SURFACE

VB
16x17mm

Specification

Specification	
Working Voltage:	24V DC
Rated Power/m:	8W/12W/15W/16.5W/22W
8W:	Red/Amber
12W:	Tuneable White/Warm White/White/RGB/Green/Blue/Yellow
15W:	RGBW
16.5W:	Pixel RGB
Min. Cutting Length:	55.6mm/83.3mm
Continuous Length:	7m/10m/15m (Single-end power feeding)
Lumen Output/m:	480lm (White)
–20°C ~ +45°C (PVC), –40°C ~ +55°C (Silicone)	–20°C ~ +45°C (PVC), –40°C ~ +55°C (Silicone)

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KEY FEATURES

Unique square LED Neon with both Horizontal Bending and Vertical Bending available in the same dimension, moreover, it is the highest output LED Neon with lumen output up to 500lm per metre.

Flame Resistant	UV Resistant	Solvents Resistant	Saltwater Resistant	IP68 Protection	IK08 Protection	3 year Warranty

Ordering Information

Model No	IP Rated Options	Colour	Description
AL-LEDNEON8W-VB-R/A*	20/67/68	RED/AMBER	Flexible PVC LED Neon
AL-LEDNEON12W-VB/HB-2700/3000*	20/67/68	WARM WHITE 2700/3000K	Flexible PVC LED Neon
AL-LEDNEON12W-VB/HB-4000/5700*	20/67/68	NATURAL WHITE 4000/5700K	Flexible PVC LED Neon
AL-LEDNEON12W-VB-RGB*	67/68	RGB	Flexible PVC LED Neon
AL-LEDNEON15W-VB-RGBW*	67/68	RGBW	Flexible PVC LED Neon
*Power Feed/End Cap Sold Seperately			

IP**20/67/68**   WARRANTY: **3 YEARS**   CE   RoHS compliant
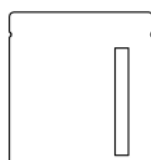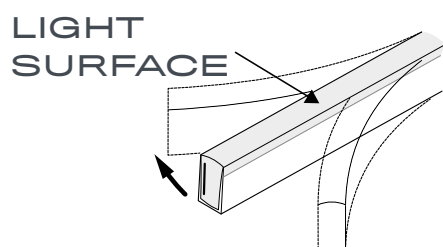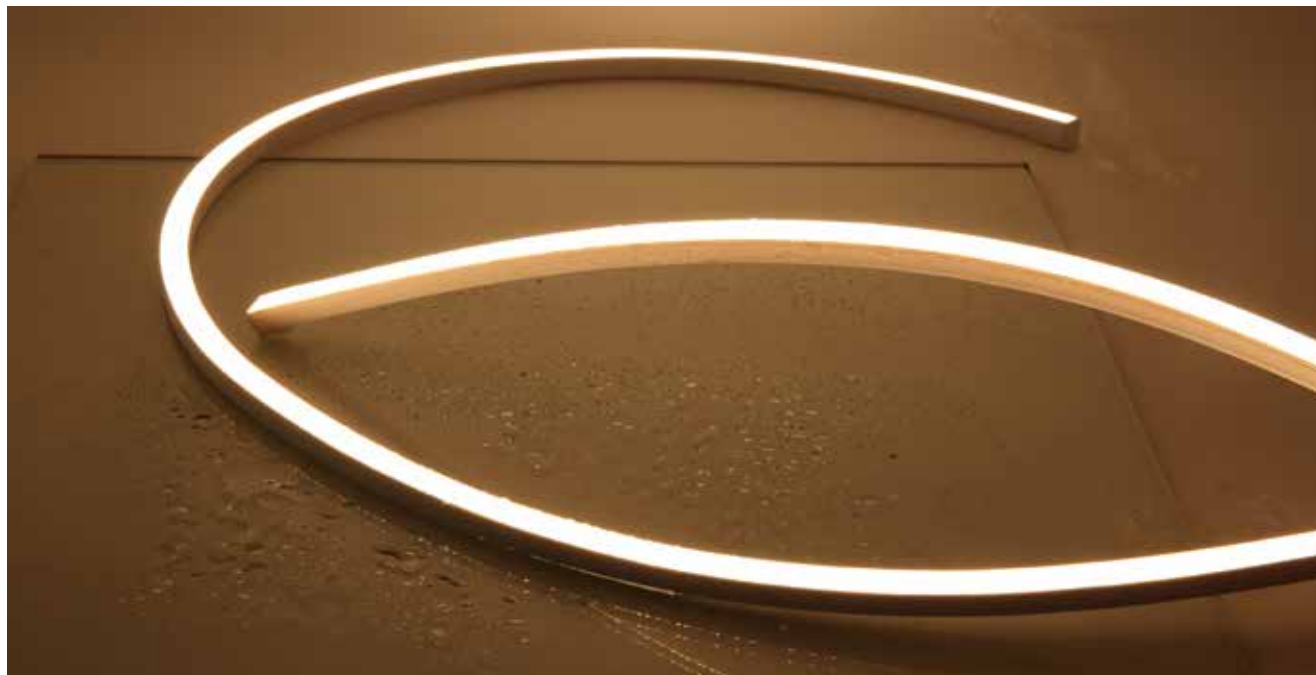
LIGHT SURFACE

HB
10x10mm
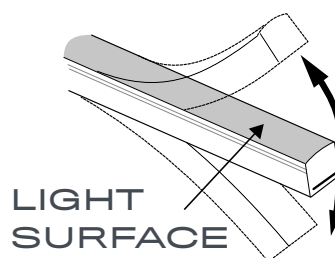
LIGHT SURFACE
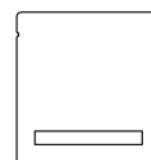
VB
10x10mm

Specification	
Working Voltage:	24V DC
Rated Power/m:	4.5W
Min. Cutting Length:	83.3mm
Continuous Length:	10m (Single-end power feeding)
Lumen Output/m:	140lm (White)
Working temperature:	-20°C ~ +45°C (PVC), -40°C ~ +55°C (Silicone)

KEY FEATURES

· Flat Light Surface and Square Profile Suitable for Recessed Installation
· Small Dimension with Tight Bending Diameter of 100mm
· Horizontal Bending and Vertical Bending Direction
· Available in Single Color Only
· Ideal for Yacht and Marine Lighting
· Outdoor IP65 Rated

| Flame Resistant	UV Resistant	Solvents Resistant	Saltwater Resistant	IP68 Protection	IK08 Protection	3 year Warranty

| Ordering Information			
Model No	IP Rated Options	Colour	Description
AL-LEDNEON4.5W-VB/HB-2700*	20/40/65	WARM WHITE 2700K	FLEXIBLE PVC LED NEON
AL-LEDNEON4.5W-VB/HB-3000*	20/40/65	WARM WHITE 3000K	FLEXIBLE PVC LED NEON
AL-LEDNEON4.5W-VB/HB-4000*	20/40/65	NATURAL WHITE 4000K	FLEXIBLE PVC LED NEON
AL-LEDNEON4.5W-VB/HB-5700*	20/40/65	COOL WHITE 5700K	FLEXIBLE PVC LED NEON
AL-LEDNEON4.5W-VB/HB-R/G/B/A*	20/40/65	RED / GREEN / BLUE / AMBER	FLEXIBLE PVC LED NEON
*Power Feed/End Cap Sold Seperately			

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IP20/40/65　　　　WARRANTY: **3 YEARS**

CE　RoHS Compliant
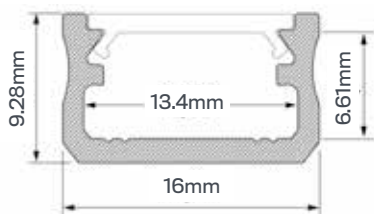
Specification

Specification	
LED strip width:	12mm
Colour Variations:	Raw Black White (RAL9016)
Mounting	Two-sided Adhesive Tape, Mountaing Clip, Pendants
Diffuser	Opal

KEY FEATURES

Surface-mounted profile - for decorative lighting in offices and homes. The small height of this profile and the flat cover (mounted from the top with a snap-on) give the impression of a very discreet fixture for LED strips and tapes. The AL-SMAP-02 is ideally suited for use as an element of decorative backlighting in furniture and interior decorations.

Ordering Information		
Code	Colour	Length
AL-SMAP-02-AL-WH-2M	WHITE	2000MM
AL-SMAP-02-AL-WH-3M	WHITE	3000MM
AL-SMAP-02-AL-BK-2M	BLACK	2000MM
AL-SMAP-02-AL-BK-3M	BLACK	3000MM
AL-SMAP-02-AL-2M	ALUMINIUM	2000MM
AL-SMAP-02-AL-3M	ALUMINIUM	3000MM
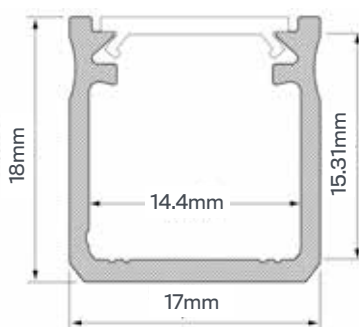
Specification

Specification	
LED strip width:	Up to 12mm
Colour Variations:	Raw Black White (RAL9016)
Mounting	Two-sided Adhesive Tape, Mountaing Clip, Pendants
Covers (Diffusers)	Opal

KEY FEATURES

Aluminium profile for surface-mounting. Perfect for household and office room illumination - lighting of columns and countertops. This is an innovative product on the lighting market. One of the most minimalist and modern designs. The extremely interesting and modern design of the AL-SMAP-03 profile allows us to meet the needs of our customers in the use of LED strips for the creation of light lines.

Thanks to the increased dimensions of the profile's side walls, we can obtain a uniform and more targeted light without visible LEDs (with the use of the opal cover). The profile retains the impression of a discreet fixture for LED strips and is ideally suited for decorative backlighting in furniture and interior decorations.

Ordering Information		
Code	Colour	Length
AL-SMAP-03-AL-WH-2M	WHITE	2000MM
AL-SMAP-03-AL-WH-3M	WHITE	3000MM
AL-SMAP-03-AL-BK-2M	BLACK	2000MM
AL-SMAP-03-AL-BK-3M	BLACK	3000MM
AL-SMAP-03-AL-2M	ALUMINIUM	2000MM
AL-SMAP-03-AL-3M	ALUMINIUM	3000MM
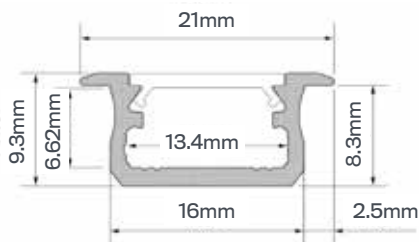
21mm
9.3mm
6.62mm
13.4mm
8.3mm
16mm
2.5mm

Specification

LED strip width:	up to 12mm
Colour Variations:	Raw Black White (RAL9016)
Mounting	Pressed on to the milled hole or by adhesive tape
Cover (Diffuser)	Opal

KEY FEATURES

Groove mounted profile - for lighting kitchen and stores. Perfect for lighting shelves and countertops. Easy installation inside a milled groove. The minimum depth of the groove is only 9 mm. The small height of this profile and the flat cover (mounted from the top with a snap-on) give the impression of a very discreet fixture for LED strips and tapes. AL-LIP-02 is ideally suited for use as an element of decorative backlighting in furniture and interior decorations.

Ordering Information		
Code	Colour	Length
AL-LIP-02-AL-WH-2M	WHITE	2000MM
AL-LIP-02-AL-WH-3M	WHITE	3000MM
AL-LIP-02-AL-BK-2M	BLACK	2000MM
AL-LIP-02-AL-BK-3M	BLACK	3000MM
AL-LIP-02-AL-2M	ALUMINIUM	2000MM
AL-LIP-02-AL-3M	ALUMINIUM	3000MM
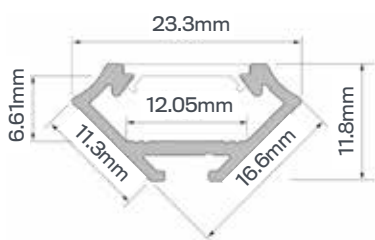
23.3mm
6.61mm
12.05mm
11.3mm
16.6mm
11.8mm

Specification

LED strip width:	Up to 12mm
Colour Variations:	Raw Black White (RAL9016)
Mounting	Pressed on to the milled hole or by adhesive tape
Covers (Diffusers)	Opal

KEY FEATURES

Angle profile 45 degrees - for lighting kitchens and stores. Ideal for lighting shelves and countertops. Perfectly suitable for designer connections of two perpendicular surfaces and all applications where the light coming from the profile at a 45° angle is required.

The small height of this profile and the flat cover (mounted from the top with a snap-on) give the impression of a very discreet fixture for LED strips and tapes. AL-CAP-01 is ideally suited for use as an element of decorative backlighting in furniture and interior decorations.

Ordering Information		
Code	Colour	Length
AL-CAP-01-AL-WH-2M	WHITE	2000MM
AL-CAP-01-AL-WH-3M	WHITE	3000MM
AL-CAP-01-AL-BK-2M	BLACK	2000MM
AL-CAP-01-AL-BK-3M	BLACK	3000MM
AL-CAP-01-AL-2M	ALUMINIUM	2000MM
AL-CAP-01-AL-3M	ALUMINIUM	3000MM

AURASMART SMART LIGHTING TECHNOLOGY

In today's age of on-demand technology and systems, smart lighting has never been so prominent or essential, especially when it comes to display lighting.

At AuraLED, we have recognised the need to supply our customers with the latest wireless lighting solutions and offer them the technology and support they need to create the ideal lighting environment.

The AuraSMART compatible range of products meets the complex demands of today's lighting designers and installers, bringing the ability to create multi-zoned environments that can be individually programmed and controlled to create a highly flexible solution.

Our AuraSMART wireless systems utilise the global standard 2.4Ghz network, allowing the user to use their existing wifi set up.

With AuraSMART you can control all the zones you want from a remote control, a phone app, or even with your voice using Alexa compatible products. AuraSMART gives the user the ability to change colour, colour temperature, saturation and brightness, enhancing any lighting environment.

Whether it's in the home, in a restaurant or hotel, indoors or outdoors, AuraLED can provide you with the perfect AuraSMART solution. Just look for the AuraSMART logo throughout our product range to identify our smart compatible products.

Specification	
Working Temperature:	-20 -60℃
Voltage:	3V(2*AAA Battery)
Transmission Frequency:	2400-2483.5MHz
Modulation Method:	GFSK
Transmitting Power:	6dBm
Control Distance:	30m
Standby Power:	20uA
Size:	47*19*153mm

KEY FEATURES

8-Zone RGB+CCT Remote Control. Uses 2.4GHz frequency and GFSK control method. Benefits include low power consumption, long-distance transmitting, strong anti-interference and fast communication rate. Can control compatible smart light colour, colour temperature, saturation and brightness.

Ordering Information	
Model No	Description
AL-RM8Z	8 ZONE REMOTE

Specification	
Working Voltage:	DC12V~24V
Work Temperature:	-20~60º
Output:	6A/Channel
Total Output Max:	15A
RF:	2.4GHz
Transmitting power:	6dBm
Control Distance:	30m
Connection:	Common anode

KEY FEATURES

LED Controller
5 in 1 (RGB+CCT / RGBW / RGB / Dual White / Single Color), controlled by wireless remote controller. Can also be controlled with a smartphone and 4G long-distance control (2.4GHz gateway is needed). Dimmable & colour temperature adjustable, colour-changing & saturation control. The controller has auto-transmitting and auto-synchronizing functions.

Ordering Information	
Model No	Description
AL-RCS	5 in 1 Receiver

Specification	
Working Temperature:	-20 -60℃
Voltage:	3V(2*AAA Battery)
Transmission Frequency:	2400-2483.5MHz
Modulation Method:	GFSK
Transmitting Power:	6dBm
Control Distance:	30m
Standby Power:	20uA
Size:	47*19*153mm

KEY FEATURES

Smart Wall Control Panel
The panel is designed with a tempered glass panel, as well as a high precision capacitive touch screen IC. 2.4GHz high RF wireless control with long distance controlling, low power consumption and high speed
The panel can control the specified smart lights colour, colour temperature, saturation and brightness.

Ordering Information	
Model No	Description
AL-WALLPAN	Wall Panel Controller

WARRANTY: **3 YEARS**

CE RoHS compliant

1017mm
64mm
62mm

Specification

Specification	
Input Voltage:	AC100~240V 50/60Hz
Power:	AL-LL24 24w AL-LL48 48w
Working Temperature:	-20~60ºC
Color temperature:	2700~6500K RGB
Luminous Flux:	AL-LL24 = 1800LM AL-LL48 = 2800LM
Light Efficiency:	AL-LL24 = 75LM/W AL-LL48 = 60LM/W
CRI:	AL-LL24 = >80 AL-LL48 = >70
Control Distance:	30m
Beam Angle:	15*60°
Illumination Distance:	AL-LL24 = >15m AL-LL48 = >20m
IP Rate:	IP66
Housing Material:	Die-cast aluminium, stalinite
Product Weight:	2.36kg

KEY FEATURES

Wall wash lights. 2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Million colours to choose from, colour temperature, brightness & saturation controllable. The light housing is made of aluminium alloy with anodizing technology on the surface, and stalinite mirror surface with high light transmittance. Widely used on buildings, bridges, showcases and landscapes, etc.

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Ordering Information

Model No	Description
AL-LL24 RGB-CCT	24W WALL WASH RGB-CCT
AL-LL48 RGB-CCT	48W WALL WASH RGB-CCT

IP66   WARRANTY: **3 YEARS**   CE   RoHS compliant

Specification

| Specification	
LED Light source	High Power LED
Light Color	WW, WWII
Material	SUS316
Optics	S20°/F60°
Power	1.3W
Power supply	24V
Dimension	D23X40
Weight	60g
IP Rating	IP68
Approvals	CE, RoHS, IP
Ambient temperature	–20℃ ~ +45℃
Average life	50,000 Hrs
Accessories (optional)	Yes
Applications	Indoor /Outdoor /Landscape / Submersible

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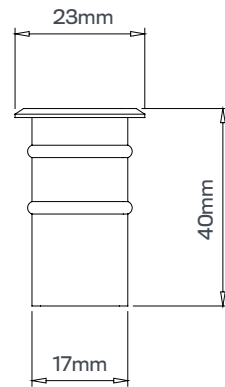
23mm
40mm
17mm

KEY FEATURES

Miniature recessed fixture complete with integral CREE LED Package and 20/60 degree beam options. Tempered glass with Ultra low-glare, IP68 ground light made of marine-grade 316 Stainless Steel. Product footprint of 23mm diameter ensures versatile application. Inline driver options include switched, 1-10V, DALi and AURASMART dimmable solutions.

Ordering Information			
Model No	LED Brand	Colour	Description
AL-GL012 WH4K	CREE	4000K	1W 20* GROUND IP68 316 24V 4000K
AL-GL012 WW3K	CREE	3000K	1W 20* GROUND IP68 316 3000K 24V
AL-GL012 RGB	EDISON	RGB	0.5W GROUND IP68 316 RGB12V

Specification

Specification	
LED Light source	High Power LED
Light Color	RGB, CW, WW, NW
Material	SUS316/Brass
Optics	120°
Power	1w
Power supply	24V
Dimension	36 x 37
Weight	260g
IP Rating	IP68
Approvals	CE,RoHS,IP
Ambient temperature	–20℃ ~ +45℃
Average life	50,000 Hrs
Accessories (optional)	Yes
Applications	Indoor /Outdoor /Landscape / Submersible

AURASMART

27mm
37mm
30mm
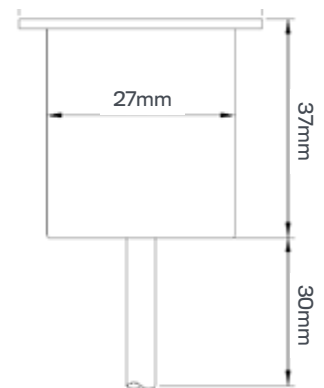
KEY FEATURES

Miniature recessed fixture complete with integral CREE LED package. Tempered glass, frosted optic serves to minimize glare coupled with a diffuse beam distribution. Marine Grade 316 Stainless Steel option with construction rated to IP68. Product footprint of 36mm diameter ensures a versatile application.

Ordering Information			
Model No	LED Brand	Colour	Description
AL-GL018 RGB	EDISON	RGB	1W 120* GROUND IP68 316
AL-GL018 WW	OSRAM	WW	1W 120* GROUND IP68 316
AL-GL018 NW	OSRAM	NW	1W 120* GROUND IP68 316
AL-GL018 CW	OSRAM	CW	1W 120* GROUND IP68 316

IP68

WARRANTY: 3 YEARS

CE RoHS compliant

Specification

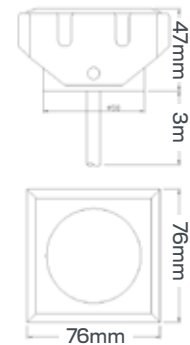| Specification	
LED Light source	High Power LED
Light Color	RGB, CW, WW, NW
Material	SUS316
Optics	S20°/F60°
Power	3W
Power supply	24V
Dimension	76 x 76 x 47
Weight	N/A
IP Rating	IP68
Approvals	CE, RoHS, IP
Ambient temperature	–20°C ~ +45°C
Average life	50,000 Hrs
Accessories (optional)	Yes
Applications	Indoor /Outdoor /Landscape / Submersible

AURASMART

47mm
3m
76mm
76mm

KEY FEATURES

Square recessed fixture complete with integral CREE LED package and 20/60 degree beam options. Tempered glass, marine-grade 316 Stainless Steel option with construction rated to IP68.
Product footprint of 76mm diameter ensures a versatile application. Inline driver options include switched, 1–10V, DALi dimmable and AuraSmart compatible solutions.

Ordering Information

Model No	LED Brand	Colour	Description
AL-GL040SQ WW	CREE	3000K	3.5W 20/60* GROUND IP68 316 24V 316
AL-GL040SQ NW	CREE	4000K	3.5W 20/60* GROUND IP68 316 24V 316
AL-GL040SQ CW	CREE	6000K	3.5W 20/60* GROUND IP68 316 24V 316
AL-GL040SQ RGB	CREE	RGB	3.5W 20/60* GROUND IP68 316 24V 316

Specification

Specification	
LED Light source	High Power LED
Light Color	RGB, CW, WW, NW
Material	SUS316
Optics	S10° / F40°
Power	8w
Power supply	24v
Dimension	96 x 47
Weight	940g
IP Rating	IP68
Approvals	CE,RoHS,IP
Ambient temperature	–20°C ~ +45°C
Average life	50,000 Hrs
Accessories (optional)	Yes
Applications	Indoor /Outdoor /Landscape / Submersible

AURASMART

96mm
47mm
30mm
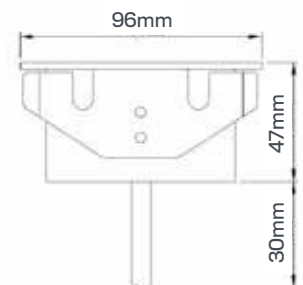
KEY FEATURES

Midsize surface fixture complete with integral CREE XPE LED (8pcs LED) package and 10/40 degree beam options. Tempered glass,marine-grade 316 Stainless Steel construction rated to IP68. Hidden & embedded design installation. No mechanical joints to light source ensure robust protection against water ingress. The product runs cool meeting all touch temperature requirements. Inline 350mA driver options include switched, mains, 1–10V, DALi dimmable and AuraSmart compatible solutions.

Ordering Information

Model No	LED Brand	Colour	Description
AL-GL068 WW	CREE	3000K	8W 10/40* GROUND IP68 24V 316
AL-GL068 NW	CREE	4000K	8W 10/40* GROUND IP68 24V 316
AL-GL068 CW	CREE	6000K	8W 10/40* GROUND IP68 24V 316
AL-GL068 RGB	CREE	RGB	8W 10/40* GROUND IP68 24V 316

IP68

WARRANTY: **3 YEARS**

CE

RoHS compliant

Specification

|	
LED Light source	High Power LED
Light Color	WW, WH
Material	SUS316
Optics	S12° / F45°
Power	1.3W
Power supply	24V
Dimension	D60X45
Weight	465g
IP Rating	IP68
Approvals	CE,RoHS,IP
Ambient temperature	–20°C ~ +45°C
Average life	50,000 Hrs
Accessories (optional)	Yes
Applications	Indoor /Outdoor /Landscape / Submersible

AURASMART

60mm

45mm

30mm
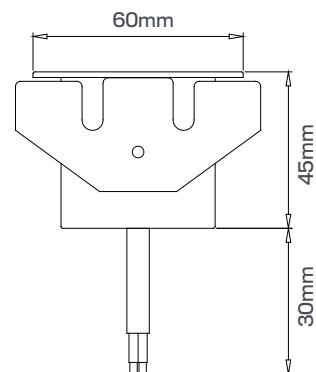
KEY FEATURES

Miniature recessed fixture complete with integral CREE LED Package and 12/45 degree beam options. Tempered glass, Marine-grade 316 Stainless Steel construction rated to IP68. Product footprint of 60mm diameter ensures versatile application. Inline driver options include switched, 1-10V with DALi and AuraSmart dimmable solutions.

Ordering Information			
Model No	LED Brand	Colour	Description
AL-GL016 WH4K	CREE	WH	1.3W 12* GROUND IP68 316
AL-GL016 WW3K	CREE	WW	1.3W 45* GROUND IP68 316

Specification

LED Light source	High Power LED
Light Color	RGB,WW,WH
Material	SUS316
Optics	S20° / F60°
Power	1.3W
Power supply	24V
Dimension	D40x40
Weight	140g
IP Rating	IP68
Approvals	CE,RoHS,IP
Ambient temperature	–20°C ~ +45°C
Average life	50,000 Hrs
Accessories (optional)	Yes
Applications	Indoor /Outdoor /Landscape / Submersible

AURASMART

40mm

31mm

36mm

1100mm
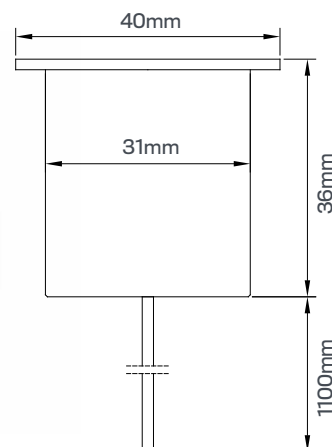
KEY FEATURES

Miniature recessed fixture complete with integral CREE LED package. Tempered glass. Marine-grade 316 Stainless Steel with construction rated to IP68. Product footprint of 40mm diameter ensures versatile application. Inline driver options Include switched, 1-10V with DALi and AuraSmart dimmable solutions.

Ordering Information			
Model No	LED Brand	Colour	Description
AL-GL009 WH4K	CREE	WH	1.3W 20* GROUND IP68 316
AL-GL009 WW3K	CREE	WW	1.3W 60* GROUND IP68 316

IP**68**

WARRANTY: **3 YEARS**

CE RoHS compliant

Specification

Specification	
LED Light source	LED
Light Color	WH, WW, RGB
Material	SUS316
Optics	120°
Power	1W
Power supply	24V
Dimension	D45x12
Weight	75g
IP Rating	IP68
Approvals	CE,RoHS,IP
Ambient temperature	-20℃ ~ +45℃
Average life	50,000 Hrs
Accessories (optional)	N/A
Applications	Indoor /Outdoor /Landscape / Submersible

AURASMART

45mm
12mm
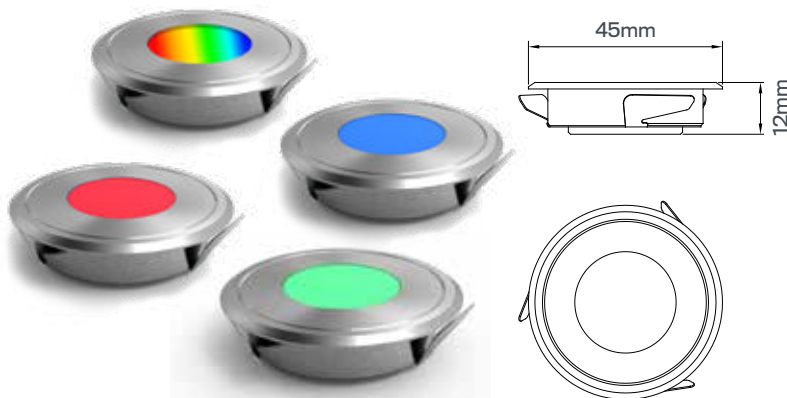
KEY FEATURES

Marine Grade 316 Stainless Steel option with construction rated to IP68. Tempered glass with 120-degree beam. They are designed to add style to floors, bars, walls and ceilings. The design of the light output means no glare even when looking directly at it, making this product perfect for stair facings.

Ordering Information			
Model No	LED Brand	Colour	Description
AL-GL008 RGBW4K	OSRAM	RGBW4K	4000K 1W 120dg 24VDC IP68
AL-GL008 RGBWW3K	OSRAM	RGBWW3K	3000K 1W 120dg 24VDC IP68
AL-GL008 RGB	EDISON	RGB	1W 120dg 24VDC IP68

37.5mm
29mm
22mm
32mm
45mm
37.5mm
29mm
22mm
56mm
75mm
11.5mm
13mm
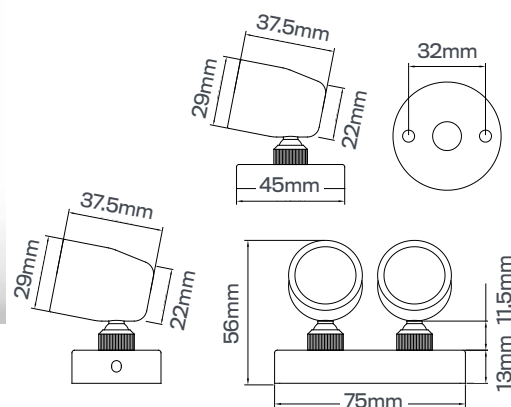
Specification

Specification	
LED Light source	High Power LED
Light Color	WH, WW
Material	SUS316
Optics	S20° / F60°
Power	1W/2W
Power supply	350mA
Dimension	N/A
Weight	N/A
IP Rating	IP65
Approvals	CE,RoHS,IP
Ambient temperature	-20℃ ~ +45℃
Average life	50,000 Hrs
Accessories (optional)	N/A
Applications	Indoor /Outdoor / Landscape

KEY FEATURES

Miniature display light featuring 316 Stainless Steel construction rated to IP65 making this product suitable for both interior and exterior applications. The product is directional and thus perfect for lighting focal features on the wall or within display cabinets. Tempered glass. Incorporates an integrated CREE USA LED white chipset powered at 1W or 2W. Low energy, no maintenance solution.

Ordering Information			
Model No	LED Brand	Colour	Description
AL-102-1 4K	CREE	WH	1X1W WH 20* WALL IP65
AL-102-1 3K	CREE	WW	1X1W WW 20* WALL IP65
AL-102-2 4K	CREE	WH	2X1W WH 20* WALL IP65
AL-102-2 3K	CREE	WH	2X1W WW 20* WALL IP65

IP**68**/65

WARRANTY: **3 YEARS**

CE | RoHS Compliant

50mm

57mm

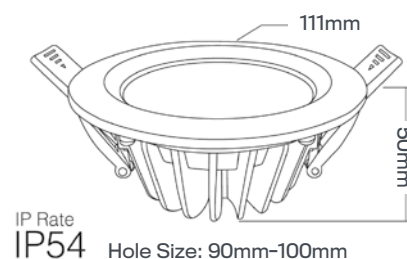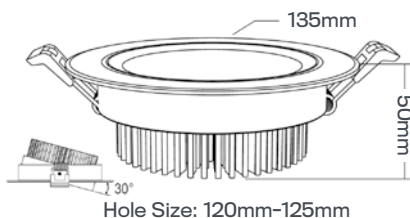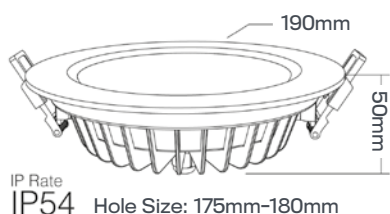| Specification	
Input Voltage (V)	220-240
Input Frequency (Hz)	50-60
Drivers	TRIDONIC
CRI (Ra)	80
Life (H)	>60000 (L80/F10)
Operating Temperature (˚c)	-25 to +35
IP Rating	IP40
Warranty (yrs)	3

KEY FEATURES

GU10 RGB+CCT LED Lamp

2.4GHz RF remote controllable, WiFi-enabled smartphone control.
16 Million colours to choose from, colour temperature, brightness
& saturation controllable.

AURASMART

Ordering Information	
Model No	Description
AL-GU10 RGB-CCT	4W RGB-CCT GU10

WARRANTY: **3 YEARS**

CE   RoHS compliant

190mm
50mm

IP Rate
IP54 Hole Size: 175mm-180mm

135mm
50mm

30°

Hole Size: 120mm-125mm

111mm
50mm

IP Rate
IP54 Hole Size: 90mm-100mm

Specification	
Input Voltage (V)	220-240
Input Frequency (Hz)	50-60
Drivers	TRIDONIC
CRI (Ra)	80
Life (H)	>60000 (L80/F10)
Operating Temperature (˚c)	-25 to +35
IP Rating	IP20/54
Warranty (yrs)	3

KEY FEATURES

IP20/54 DOWNLIGHT

Smart water-resistant downlights 2.4GHz RF remote controllable, control distance within 30 meters Dimmable & colour temperature adjustable colour changing & saturation. Can be controlled with a Smartphone APP control, long-distance control (2.4GHz gateway is required) Support third party voice control such as Alexa (2.4GHz gateway is required). There is also a tiltable version available AL-DLIP9T

AURASMART

Ordering Information	
Model No	Description
AL-DLIP6 RGB-CCT	6W IP54 DOWNLIGHT
AL-DLIP15 RGB-CCT	15W IP54 DOWNLIGHT
AL-DLIP9T RGB-CCT	9W IP20 RGB-CCT TILT

IP20/54   WARRANTY: **3 YEARS**

CE   RoHS compliant

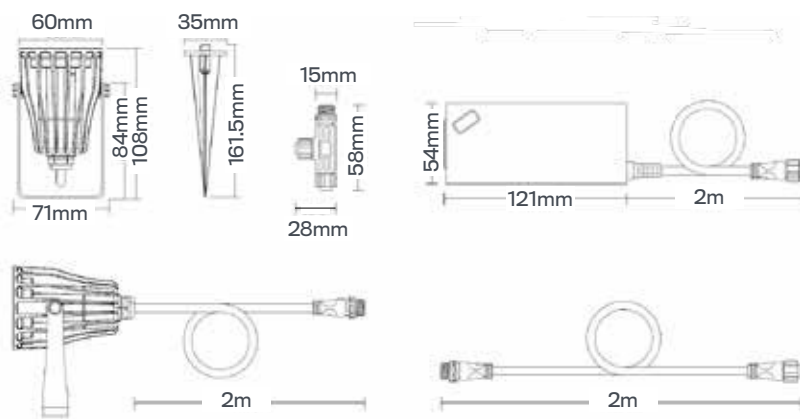| Specification	
Power:	6W/9W/15W/25W
Voltage:	DC24V (AL-SP9) AC100~240V 50/60Hz (AL-SP6 RGB, AL-SP15, AL-SP25)
Work Temperature:	-2 0~60°C
Color Temperature:	2700K~6500K
Luminous Flux:	AL-SP6 = 420LM, AL-SP9 = 700LM, AL-SP15 = 1200LM, AL-SP25 = 1700LM
Luminous Efficiency:	AL-SP6 = 70LM/W , AL-SP9 = 80LM/W, AL-SP15 = 80LM/W, AL-SP25 = 70LM/W
CRI:	AL-SP6 =>75 , AL-SP9 = >80, AL-SP15 = >80, AL-SP25 = >75
Lifespan:	50000 hours
Beam Angle:	AL-SP9 , AL-SP15, AL-SP25 = 15° AL-SP6 = 25°
Illumination distance:	AL-SP9, AL-SP15, AL-SP6 = >10m AL-SP25 = 15m
IP Rate:	IP66
RF:	2.4GHz
Transmitting power:	6dBm
Control Distance:	30m

KEY FEATURES

2.4GHz Remote and smartphone app controllable.

Supports third party voice control such as Alexa.

16 million colours to choose from, CCT, brightness and saturation controllable. Signal transmitting and mode synchronisation.

AURASMART

Ordering Information	
Model No	Description
AL-SP6 RGB-CCT	6W SPIKE RGB-CCT
AL-SP9 RGB-CCT	9W SPIKE/SPOT RGB-CCT
AL-SP15 RGB-CCT	15W SPIKE/SPOT RGB-CCT
AL-SP25 RGB-CCT	25W SPIKE/SPOT RGB-CCT

WARRANTY: **3 YEARS**

CE   RoHS compliant

Specification

Power:	6W
Input:	DC24V
Working Temperature:	–20-45°C
Color Temperature:	2700K~6500K
Luminous Flux:	550LM
Luminous Efficiency:	90LM/W
CRI:	>80
Lifespan:	50000hours
Beam Angle:	25°
Illumination distance:	>10m
IP Rate:	IP66
RF:	2.4GHz
Transmitting power:	6dBm
Control Distance:	30m

Switching Power Supply

Input Voltage:	AC100~240V 50/60Hz
Rated Input Current:	1.5A Max.
Power Consumption (no loading):	0.21W Max.
Configuration:	Conductor
Output Voltage:	DC24V
Rating Load Current:	2.7A
Rating Output Power:	65W
Working Temp:	0~45°C
Storage Temp:	–20~80°C

60mm
35mm
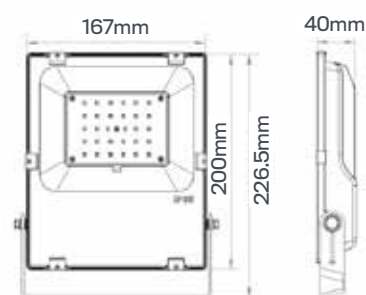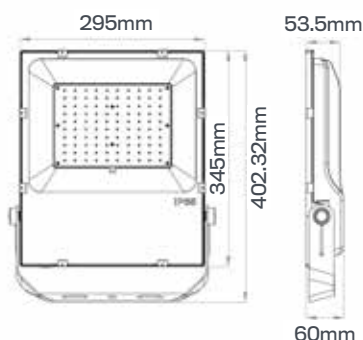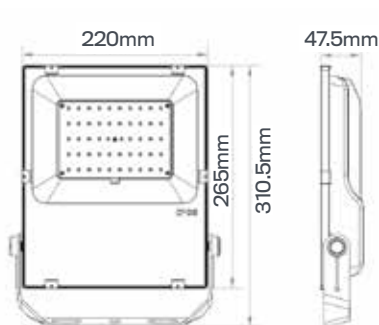15mm
84mm
108mm
71mm
161.5mm
58mm
28mm
54mm
121mm
2m
2m
2m

KEY FEATURES

3X 6W KIT SPIKES RGB-CCT

3 spotlight kit with 2.4GHz wireless remote control, App control, supports third party voice control such as Alexa. 16 million colours to choose, adjustable colour temperature, brightness and saturation. Signal transmitting and mode synchronisation.

AURASMART

Ordering Information

Model No	Description
AL-GK6 RGB-CCT	3X 6W KIT SPIKES RGB-CCT

CE   RoHS Compliant

220mm	47.5mm
295mm	53.5mm
167mm	40mm

265mm 310.5mm

345mm 402.32mm

60mm

200mm 226.5mm

Specification

| Specification	
Power:	AL-FL030 = 30W, AL-FL050 = 50W, AL-FL0100 = 100W
Input Voltage:	AC100~240V 50/60Hz
Working Temperature:	–20–60°C
Color Temperature:	2700K~6500K
Luminous Flux:	AL-FL030 = 2500~2800LM, AL-FL050 = 3500~4200LM, AL-FL0100 = 7500~8500LM
Luminous Efficiency:	85LM/W
Standby Power Consumption:	AL-FL030, AL-FL050 = 1.2W, AL-FL0100 = 0.65W
CRI:	>80
PF:	>0.9
Lifespan:	50000 hours
Beam Angle:	160°
IP Rate:	IP65
RF:	2.4GHz
Transmitting power:	6dBm
Control Distance:	30m

KEY FEATURES

2.4GHz Remote and smartphone app controllable. Supports third party voice control such as Alexa. 16 million colours to choose from, CCT, brightness and saturation controllable. Signal transmitting and mode synchronisation.

AURASMART

Ordering Information	
Model No	Description
AL-FL030 RGB-CCT	30W FLOOD RGB-CCT
AL-FL050 RGB-CCT	50W FLOOD RGB-CCT
AL-FL0100 RGB-CCT	100W FLOOD RGB-CCT

IP65   WARRANTY: **3 YEARS**   CE ✓RoHS compliant
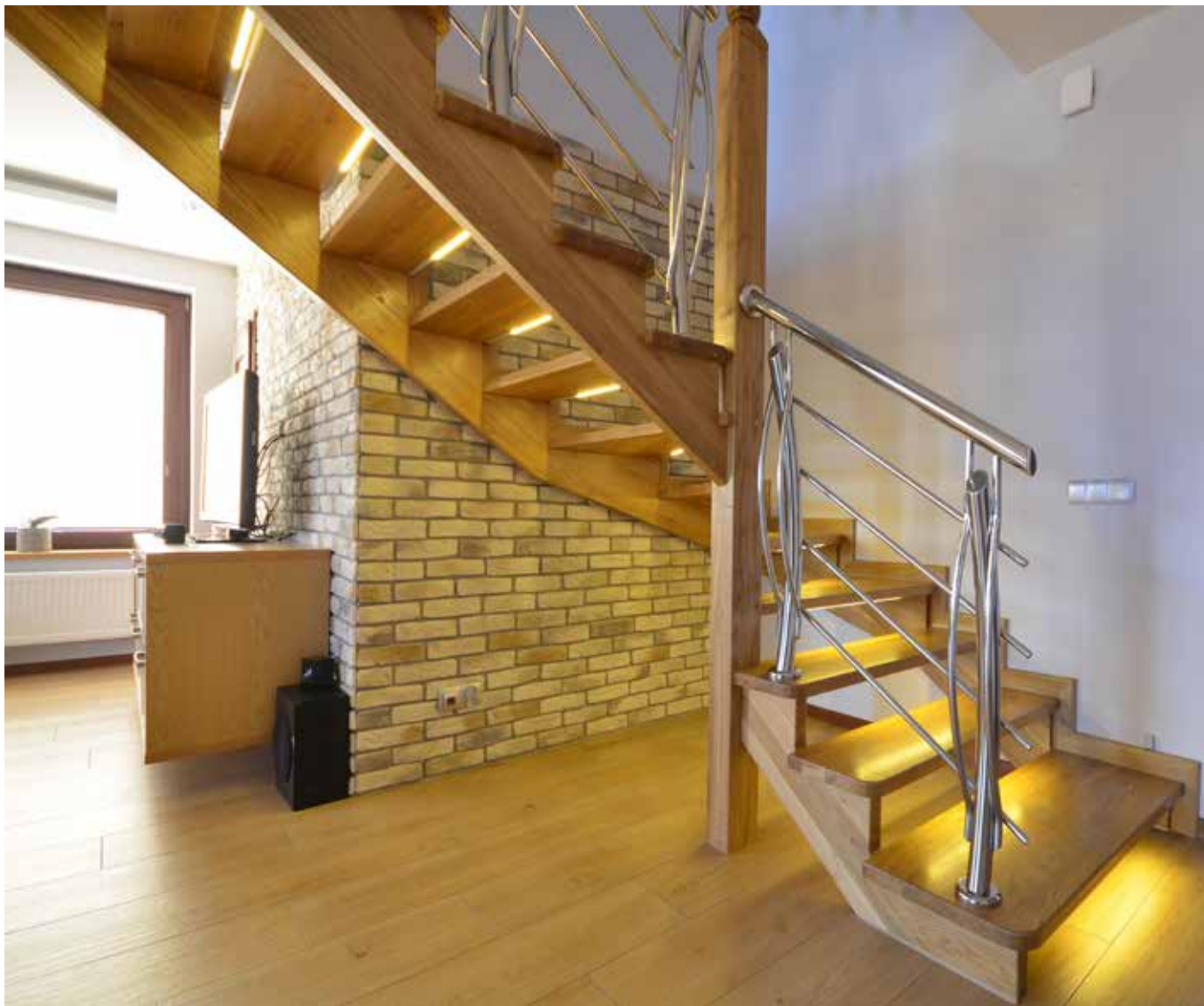
· Adaptable and customisable options to match different types of stairs and surroundings.
· Variety of options for step number and length
· The lighting effect makes the stairs an architectural feature of the space
· Programmable control unit to adjust the lighting conditions to your preferences and the needs of your environment
· Lights turn on and off automatically when required

If you are looking to create a focal point for the home or office step up to our motion sensor-activated, intelligent stair lighting system.

This all in one solution, lights up your stairs automatically when you enter the staircase area. The system contains all you need to create impressive stair lights: LED strips, motion sensors, programmable controller and power supply for a quick and convenient installation.

APPLICATION CHART

	INDOOR	OUTDOOR	IP RATING	COLOUR CHANGING	DRIVER REQUIRED	AURA SMART
LED STRIP & NEON						
PRO STRIP	YES	YES	20/65/68	WW/WH/CW/ RGB, RGBW	YES	YES
LED STRIP	YES	YES	20/65/68	WW/WH/CW	YES	YES
NEON 16X17	YES		20/67/68	WH/WW RGB/ RGBW	YES	YES
NEON 10X10	YES		20/40/65	WH/WW/CW RGB	YES	YES
PROFILE						
AL–SMAP–02	YES	YES	N/A	N/A	N/A	N/A
AL–SMAP–03	YES	YES	N/A	N/A	N/A	N/A
AL–LIP–02	YES	YES	N/A	N/A	N/A	N/A
AL–CAP–01	YES	YES	N/A	N/A	N/A	N/A
WALL WASH						
AL–LL28 & 48	YES	YES	66	RGB/ RGB-CCT	NO	YES
GROUND LIGHTS						
AL–GL012	YES	YES	68	WW/WH	YES	YES
AL–GL018	YES	YES	68	WW/WH/CW/ RGB	YES	YES
AL–GL068	YES	YES	68	WW/WH/CW/ RGB	YES	YES
AL–GL040SQ	YES	YES	68	WW/WH/CW	YES	YES
AL–GL016	YES	YES	68	WW/WH	YES	YES
AL–GL009	YES	YES	68	WH/WW	YES	YES
AL–GL008	YES	YES	68	RGB/RGBWW/ RGBW	YES	YES
AL–102	YES	YES	65	WH/WW	YES	NO
DOWNLIGHTS						
AL–GU10	YES	YES	20	RGB-CCT	NO	YES
AL–DLIP6/9/15	YES	YES	20/54	RGB-CCT	NO	YES
GARDEN LIGHTS						
AL–SP6/9/15/25	YES	YES	66	RGB-CCT	NO	YES
AL–GK6	YES	YES	66	RGB-CCT	COMPLETE	YES
AL–FL030/50/100	YPES	YES	65	RGB-CCT	NO	YES

AURALED