





Project

The Kirkfield - Newton-le-Willows, UK



Beam AC LED p308

Amenity



267

Decorative Ceiling/Wall



275

Architectural Die-Cast Wall



287

Directional Wall



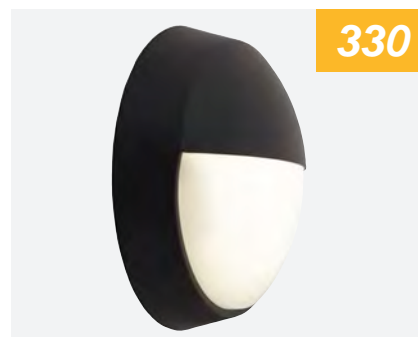
310

Decorative Ceiling / Wall



313

Polycarbonate Ceiling / Wall



330

Bulkheads

338

*Recessed Wall*

350

*Lanterns and Half Lanterns*

359

*Bollards*

384

*Portable Lanterns*

386

*Feature Landscape Illumination*

392

*Inground Uplights and Controllers*



Designed to
Deliver...

Reef LED CCT Fixed and Adjustable Surface Downlights

Supplied c/w Integral Driver



267

- Durable indoor/outdoor surface mounted downlight
- Polycarbonate construction ideal for coastal applications
- CCT selectable between 3000K, 4000K and 6000K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- Fixed surface and adjustable surface options
- LED lifespan L80 54,000 hours
- Non-dimmable



AREELED D
Fixed Downlight
Cool White



AREELED A
Adjustable Downlight
Cool White



AREELED D
Warm White



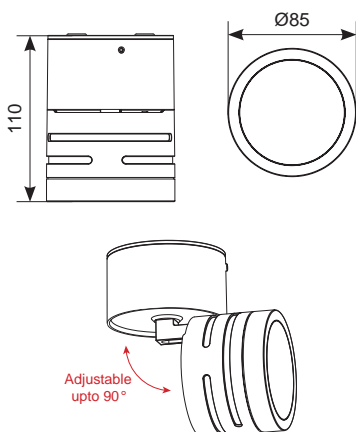
AREELED D
Daylight



AREELED A
Warm White



AREELED A
Daylight



LED Information

Total (Watts)	5W
Lumens Delivered	
Warm White	450lm
Cool White	486lm
Daylight	471lm
Lm/W	
Warm White	90lm
Cool White	97lm
Daylight	94lm
Beam Angle	90°
CRI	Ra 80
CCT	3000K
	4000K
	6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Unique Click and Lock Mounting Bracket



Integral CCT switch allows installer the choice of 3000K, 4000K and 6000K colour temperature options



1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place



2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

	Code	Lamp	Description
Fixed	AREELED D	LED	5W - Warm White/Cool White/Daylight
Adjustable	AREELED A	LED	5W - Warm White/Cool White/Daylight - White

Furia AC LED

No Driver Required

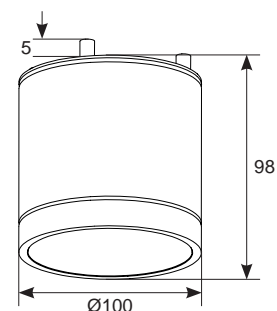


AFULED/W



AFULED/GR

- Shallow AC LED die-cast surface downlight
- Modern aesthetic appearance
- Exceeds performance of 1x26W PL
- Integrated AC LED technology
- 37° beam angle
- LED lifespan L70 30,000 hours
- Triac dimmable as standard



LED Information

Total (Watts)	10W
Lumens Delivered	719lm
Lm/W	74lm
Beam Angle	37°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AFULED/W	LED	10W - Warm White - White
AFULED/GR	LED	10W - Warm White - Graphite



Callisto AC LED Wall/Ceiling

No Driver Required

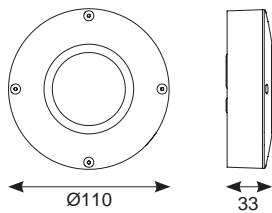


269

- Modern surface mounted ultra-slim wall/ceiling light
- Die-cast aluminium construction with choice of white or graphite paint finish
- Integrated AC LED technology
- Dupont paint finish
- Tamper-proof stainless steel allen key screws
- LED lifespan L70 50,000 hours
- Non-dimmable



ACLED/W



ACLED/GR

LED Information

Total (Watts)	4W
Lumens Delivered	181lm
Lm/W	45lm
Beam Angle	65°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-40°C to 80°C



Code	Lamp	Description
ACLED/W	LED	4W - Warm White - White
ACLED/GR	LED	4W - Warm White - Graphite

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Callisto AC LED Low Level

No Driver Required

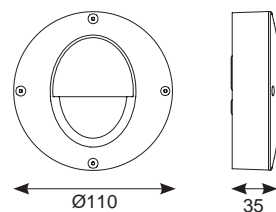


ACLPWLED/W



ACLPWLED/GR

- Modern surface mounted ultra-slim low level light
- Die-cast aluminium construction with choice of white or graphite paint finish
- Dupont paint finish
- Integrated AC LED technology
- Tamper-proof stainless steel allen key screws
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	4W
Lumens Delivered	121lm
Lm/W	31lm
Beam Angle	51°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-40°C to 80°C

Code	Lamp	Description
ACLPWLED/W	LED	4W - Warm White - White
ACLPWLED/GR	LED	4W - Warm White - Graphite





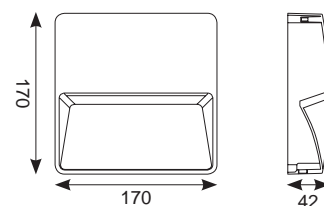
Project - Private Residence
Newton-le-Willows, UK

Galia LED

Supplied c/w Integral Driver



- Surface mounting ultra-slim low level square pathway light with downward light-spill
- Die-cast aluminium construction with graphite paint finish
- Comparable performance to 26W PLC
- Screwless front cover with concealed allen key access
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	300lm
Lm/W	30lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AGALSQLED	LED	10W - Cool White



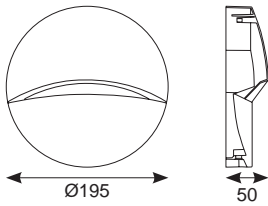
Matala LED

Supplied c/w Integral Driver



273

- Surface mounting ultra-slim low level circular pathway light with downward light-spill
- Die-cast aluminium construction with graphite paint finish
- Comparable performance to 26W PLC
- Screwless front cover with concealed allen key access
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	360lm
Lm/W	36lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AMATROLED	LED	10W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Kappa LED

Supplied c/w Integral Driver



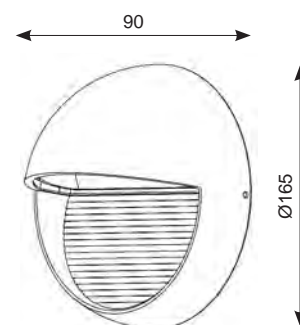
AKLED/B/WW



AKLED/SG

Code	Lamp	Description
AKLED/B	LED	4.5W Cool White - Black
AKLED/SG	LED	4.5W Cool White - Silver Grey
AKLED/B/WW	LED	4.5W Warm White - Black
AKLED/SG/WW	LED	4.5W Warm White - Silver Grey

- Compact wall light with integral driver
- Downward light spill ideal for pathway illumination
- Die-cast aluminium construction
- LED lifespan L70 40,000 hours
- Non-dimmable



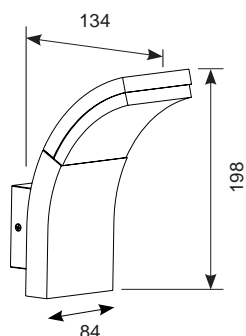
LED Information

Total (Watts)	4.5W
Lumens Delivered	
Cool White	270lm
Warm White	117lm
Lm/W	
Cool White	60lm
Warm White	26lm
CRI	Ra 70
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C





- Contemporary die-cast aluminium LED wall light
- Standard and PIR options
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours
- Non-dimmable



PIR



6 to 9 metres
5 seconds to 8 minutes
10 to 2000 LUX

LED Information

Total (Watts)	6.5W
Lumens Delivered	366lm
Lm/W	52lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



ASELED/WL



ASELED/WL/PIR

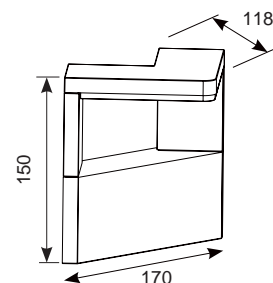
	Code	Lamp	Description
Standard	ASELED/WL	LED	6.5W Cool White
PIR	ASELED/WL/PIR	LED	6.5W - PIR - Cool White

Arco LED

Supplied c/w Integral Driver



- Ultra modern LED wall light
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	11W
Lumens Delivered	643lm
Lm/W	58lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description
AARLED/WL	LED	11W Cool White



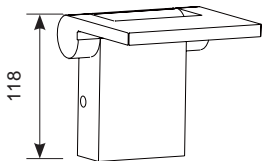
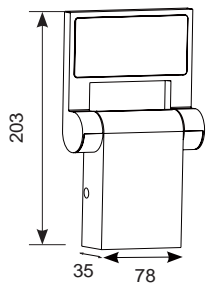
Tempo LED

Supplied c/w Integral Driver



277

- Contemporary die-cast aluminium LED wall light
- Adjustable head to 90° for variable direction of light
- Standard and PIR options
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours
- Non-dimmable



LED Information

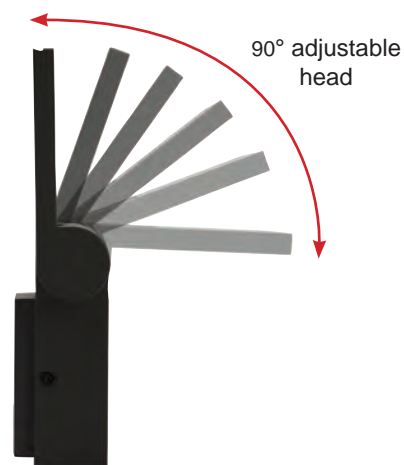
Total (Watts)	10W
Lumens Delivered	738lm
Lm/W	73lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



ATLED/WL



ATLED/WL/PIR



	Code	Lamp	Description
Standard	ATLED/WL	LED	10W Cool White
PIR	ATLED/WL/PIR	LED	10W - PIR - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Dolce LED

Supplied c/w Integral Driver



ADOCLED/WL

- Ultra modern LED wall light
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	690lm
Lm/W	76lm
CRI	Ra 80
CCT	4000K
Input	100/240V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



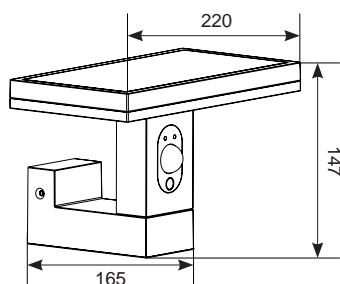
Pavia Solar LED

Supplied c/w Integral Driver



279

- Ultra modern die-cast solar powered aluminium LED wall light
- PIR motion sensor as standard
- Automatic day/night mode switching
- 2 operation modes:-
1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours



LED Information

Lumens Delivered	230lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C



Code	Lamp	Description
APAVLED/WL	LED	Cool White
Accessories ASBP/17		7.4V 1500mAh Replacement Li-ION Battery

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Private Residence
Newton-le-Willows, UK

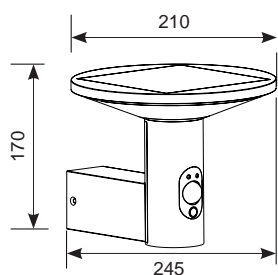
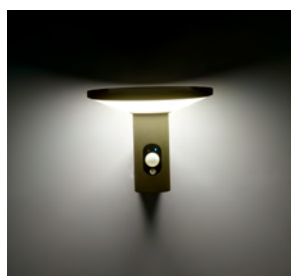
Talana Solar LED

Supplied c/w Integral Driver

- Ultra modern die-cast solar powered aluminium LED wall light
- PIR motion sensor as standard
- 2 operation modes:-
 - 1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
 - 2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours



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LED Information

Lumens Delivered	210lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C



Code	Lamp	Description
ATASLED/WL	LED	Cool White

Accessories	ASBP/17	7.4V 1500mAh Replacement Li-ION Battery
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Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Uno LED

Supplied c/w Integral Driver

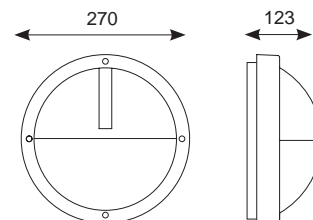


AUNLED/SG



AUNLED

- Die-cast aluminium construction with tamper-proof stainless steel allen key screws and opal polycarbonate diffuser
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	12W
Lumens Delivered	442lm
Lm/W	37lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description
AUNLED	LED	12W - Cool White - Black
AUNLED/SG	LED	12W - Cool White - Silver Grey



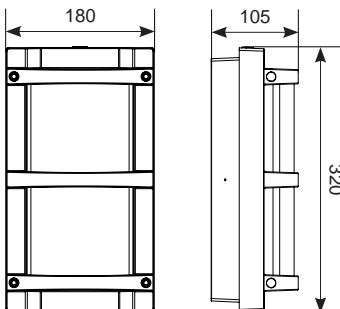
Tridon LED CCT

Supplied c/w Integral Driver

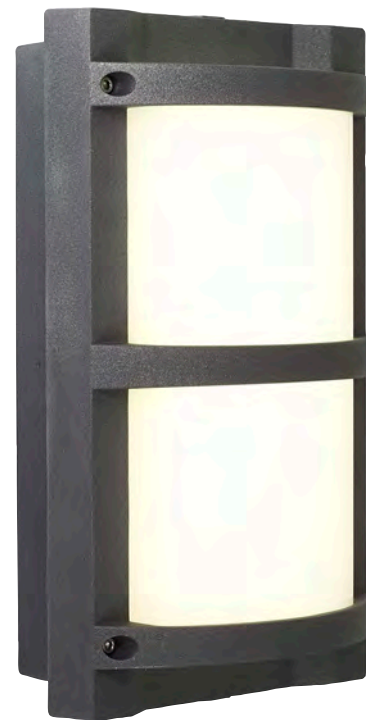


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- Die-cast aluminium construction with opal polycarbonate diffuser
- Exceeds performance of 16W TC-DD
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation
- Rear fixing points allowing the option for BESA box mounting
- Horizontal side pilot holes accepting 20mm surface conduit entries
- Tamper-proof stainless steel allen key screws
- Microwave sensor and Photocell options available
- LED lifespan L70 60,000 hours
- Non-dimmable



ATRILED/B
Warm White



ATRILED/G
Cool White

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	701lm
Warm White	695lm
Lm/W	
Cool White	88lm
Warm White	87lm
CRI	Ra 80
CCT	3000K 4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
ATRILED/B	LED	8W - Cool White/ Warm White - Black
ATRILED/G	LED	8W - Cool White/ Warm White - Graphite

Options	/PC	Electronic Photocell
	/MWS	Integral Microwave Sensor

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Lucca LED CCT

Supplied c/w Integral Driver



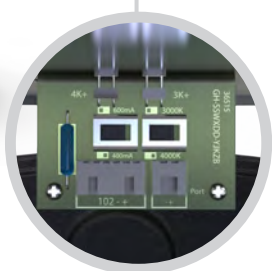
ALUCLED/B



ALUCLED/G



Integral switches for multi-wattage and selectable CCT options



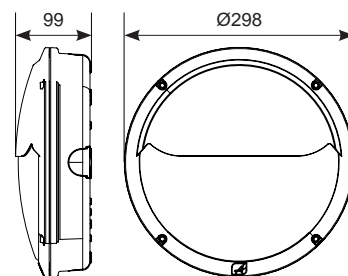
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- Die-cast aluminium construction with tamper-proof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
- One product with integral switches for multi-wattage and selectable CCT options
- 18W exceeds performance of 38W TC-DD
- 27W exceeds performance of 2x26W PL-C
- LED lifespan L70 60,000 hours
- Non-dimmable



Removable 20mm conduit entry cover for ease of installation



LED Information

Total (Watts)	18W/27W	
Lumens Delivered	4000K	3000K
18W	1149lm	1091lm
27W	1622lm	1563lm
Lm/W 18W	64lm	61lm
Lm/W 27W	60lm	58lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-20°C to 25°C	

Code	Lamp	Description
ALUCLED/B	LED	18W/27W - Cool White/ Warm White - Black
ALUCLED/G	LED	18W/27W - Cool White/ Warm White - Graphite

Options	/PC	Electronic Photocell
	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	DALI Emergency
	/MWS	Integral Microwave Sensor



Nappa LED CCT

Supplied c/w Integral Driver

- Die-cast aluminium construction with tamper-proof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
- One product with integral switches for multi-wattage and selectable CCT options
- 18W exceeds performance of 38W TC-DD
- 28W exceeds performance of 2x26W PL-C
- LED lifespan L70 60,000 hours
- Non-dimmable



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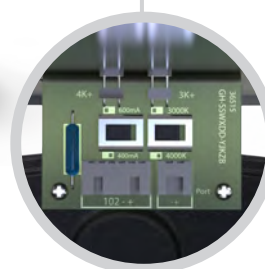
ANAPLED/B



ANAPLED/G



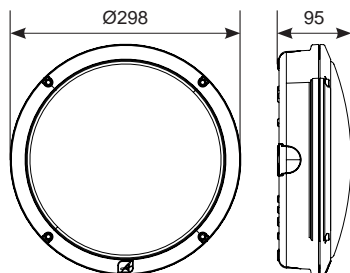
Integral switches for multi-wattage and selectable CCT options



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Removable 20mm conduit entry cover for ease of installation



LED Information

Total (Watts)	18W/27W	
Lumens Delivered	4000K	3000K
18W	2104lm	2012lm
27W	3065lm	2924lm
Lm/W 18W	117lm	112lm
Lm/W 27W	114lm	108lm
CRI	Ra 80	
CCT	4000K	3000K
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-20°C to 25°C	

Code	Lamp	Description
ANAPLED/B	LED	18W/27W - Cool White/ Warm White - Black
ANAPLED/G	LED	18W/27W - Cool White/ Warm White - Graphite

Options	/PC	Electronic Photocell
	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	DALI Emergency
	/MWS	Integral Microwave Sensor



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

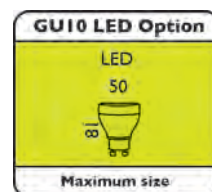
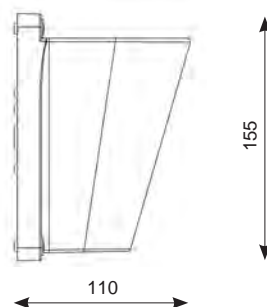
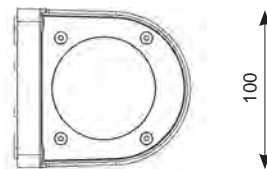


Dugas

Supplied Less Lamp



- Compact die-cast aluminium wall light
- Installation in either upward or downward orientation
- Luminaire design allows for installation of GU10 LED lamps
- Graphite textured paint finish

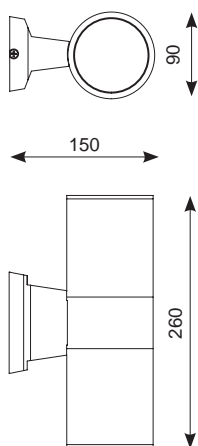


Code	Lamp	Description
ADU50	GU10	50W





- Bi-directional wall light with housing in die-cast aluminium with a textured paint finish
- Large diameter housing to provide heat dissipation



ADM50GU10

ADM50GU10/SG

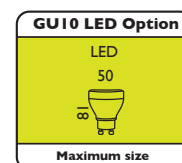
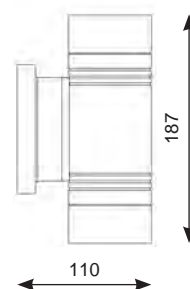
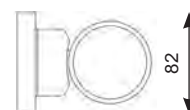
Code	Lamp	Description
ADM50GU10	GU10	2 x 50W - Black
ADM50GU10/SG	GU10	2 x 50W - Silver Grey

Tandem

Supplied Less Lamp



- Bi-directional wall light
- Ideal for GU10 LED or GU10 mains halogen options
- Aluminium construction with graphite textured paint finish



Code	Lamp	Description
ATA2X50	GU10	2 x 50W





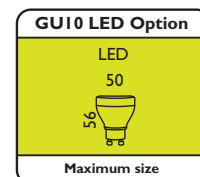
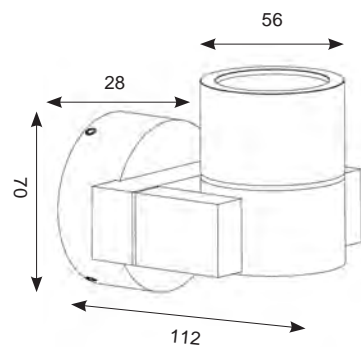
Project - Private Residence
Abersoch, UK

Riola

Supplied Less Lamp



- Modern wall light with adjustable 180° head in vertical plane
- For use in both internal and external applications
- Brushed aluminium finish
- Suitable for GU10 LED or GU10 Mains halogen

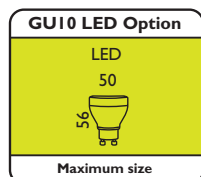
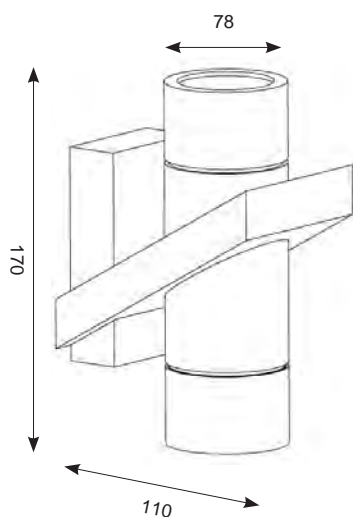


Code	Lamp	Description
ARGU10	GU10	35W





- Modern bi-directional wall light with brushed aluminium finish
- For use in both internal and external applications
- Suitable for GU10 LED or GU10 Mains halogen



Code	Lamp	Description
ACO2X35	GU10	2 x 35W

Reef LED CCT Bi-directional Wall Light

Supplied c/w Integral Driver



AREELEDWL
Cool White



AREELEDWL/PIR
Warm White



AREELEDWL
Daylight



Unique Click and Lock
Mounting Bracket



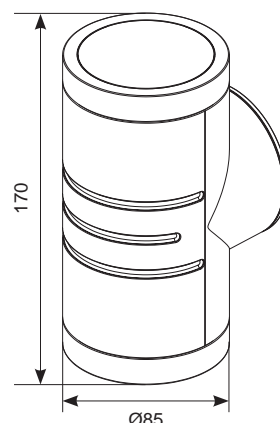
1 metres - 10 metres
5 seconds to 12 minutes
3 to 1000 LUX



1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place



2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall



LED Information

Total (Watts)	10W
Lumens Delivered	
Warm White	815lm
Cool White	885lm
Daylight	860lm
Lm/W	
Warm White	82lm
Cool White	89lm
Daylight	86lm
Beam Angle	90°
CRI	Ra 80
CCT	3000K 4000K 6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AREELEDWL	LED	10W - Warm White/Cool White/Daylight
AREELEDWL/PIR	LED	10W - Warm White/Cool White/Daylight - PIR



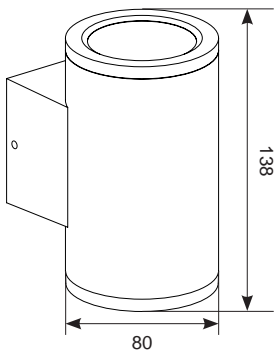
Antila LED

Supplied c/w Integral Driver



293

- Die-cast aluminium bi-directional LED wall light
- Die-cast aluminium construction with graphite paint finish
- 90° Beam Angle
- LED lifespan L70 30,000 hours
- Non-Dimmable



LED Information

Total (Watts)	12W
Lumens Delivered	406lm
Lm/W	37lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C



Code	Lamp	Description
ANTIALED	LED	12W - Cool White

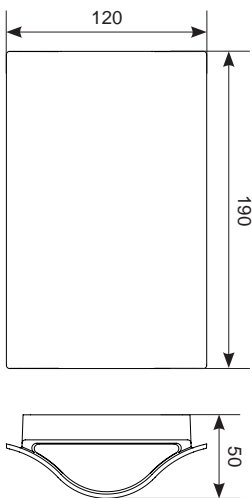
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750







- Bi-directional LED wall light
- Die-cast aluminium construction with graphite paint finish
- 105° Beam Angle
- LED lifespan
L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	12W
Lumens Delivered	491lm
Lm/W	41lm
Beam Angle	105°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C



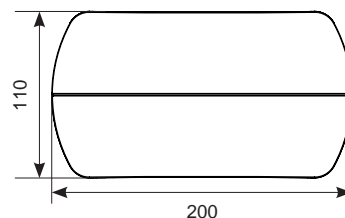
Code	Lamp	Description
AZATLED	LED	12W - Cool White

Segano LED

Supplied c/w Integral Driver



- Bi-directional LED wall light
- Die-cast aluminium construction with polycarbonate diffuser
- 90° Beam Angle
- LED lifespan L70 30,000 hours
- Non-dimmable



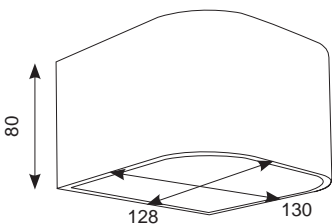
LED Information

Total (Watts)	13W
Lumens Delivered	610lm
Lm/W	47lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description
ASEGLED	LED	13W - Cool White



- Modern bi-directional wall light providing vivid angled light distribution
- Exceeds performance of 100W halogen
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

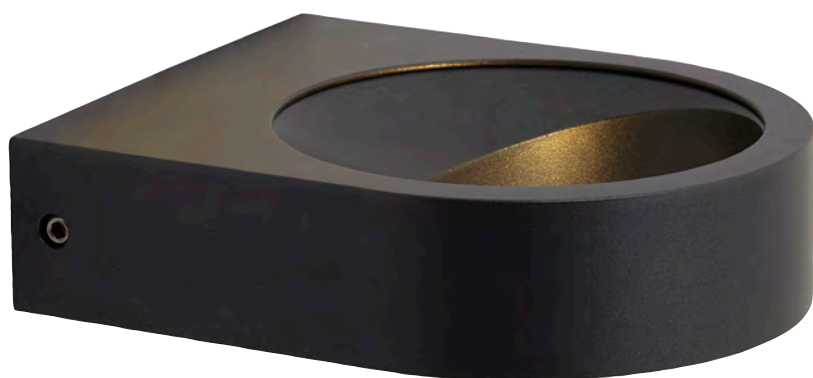
Total (Watts)	11W
Lumens Delivered	202lm
Lm/W	18lm
Beam Angle	117°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



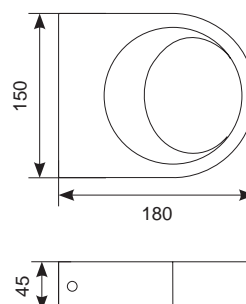
Code	Lamp	Description
AGLED/WL	LED	11W - Cool White

Brock LED Wall Light

Supplied c/w Integral Driver



- Modern bi-directional wall light providing vivid angled light distribution
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	7.7W
Lumens Delivered	
Cool White	452lm
Warm White	448lm
Lm/W	
Cool White	57lm
Warm White	56lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ABRLED/WL/CW	LED	7.7W - Cool White
ABRLED/WL/WW	LED	7.7W - Warm White







Project - Private Residence
Chorley, UK

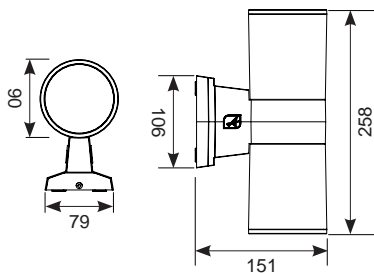
Duo Midi LED

Supplied c/w Integral Driver



301

- Bi-directional LED wall light
- 19W exceeds performance of 70W CDM-T
- 42W exceeds performance of 150W CDM-T
- Die-cast aluminium construction with graphite paint finish
- Powered by Philips
- 34° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	19W
	42W
Lumens Delivered	
19W	1752lm
42W	3582lm
Lm/W 19W	92lm
Lm/W 42W	85lm
Beam Angle	34°
CRI	Ra 80
CCT	4000K
Input	220V-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



ADMLED1/GR/CW

Code	Lamp	Description
ADMLED1/GR/CW	LED	19W - Cool White - Graphite
ADMLED2/GR/CW	LED	42W - Cool White - Graphite

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Bridgford Retail Park
Nottingham, UK

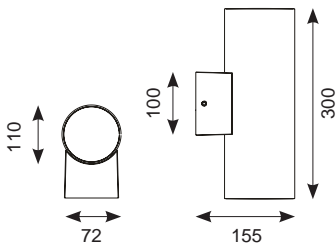
Doppio LED

Supplied c/w Integral Driver



303

- Powerful architectural bi-directional wall light
- Exceeds performance of 50W HQL
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	34W
Lumens Delivered	2 x 848lm
Lm/W	50lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



Code	Lamp	Description
ADOLEDWL	LED	34W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

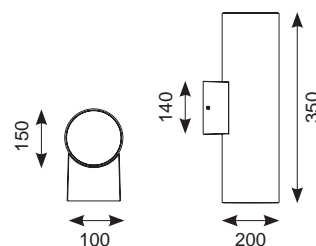


Doppio HP LED

Supplied c/w Integral Driver



- High performance architectural bi-directional wall light
- Exceeds performance of 150W Metal Halide
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	56W
Lumens Delivered	2x2573lm
Lm/W	91lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
ADOLEDWL/HP	LED	56W - Cool White





Project - Aintree University Hospital
Liverpool, UK

Alto LED

Supplied c/w Integral Driver

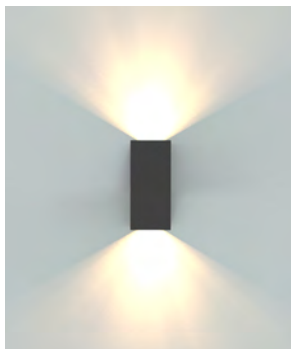
306



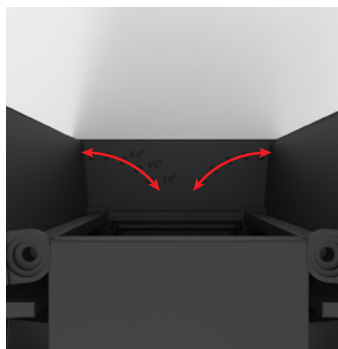
30° Beam Angle



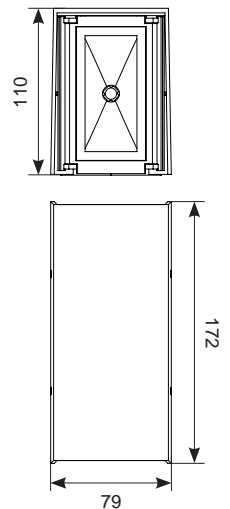
Full Open Beam Angle



Independent beam angle Adjustment



- Surface bi-directional die-cast wall light providing adjustable beam angle
- Independent beam angle adjustment between up and down distribution
- Minimum beam angle 0°, maximum beam angle 90°
- Die-cast aluminium body with graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	6W
Lumens Delivered	205lm
Lm/W	34lm
Beam Angle	0° - 90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 50°C

Code	Lamp	Description
ALTOLED	LED	6W - Cool White



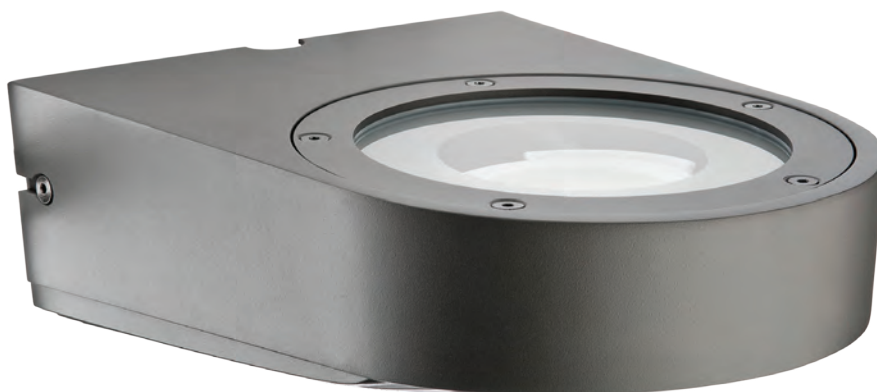
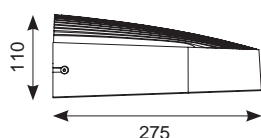
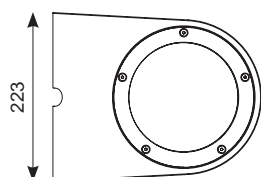
Aero LED

Supplied c/w Integral Driver



307

- Dual purpose design allows installation as either a canopy light or as an uplight
- Comparable performance to 20W HQL
- Aluminium housing is manufactured from high purity marine grade aluminium and treated with a six stage chrome plating treatment and dry polyester powder coating ensuring excellent corrosion resistance
- Screws manufactured from marine grade stainless steel
- LED lifespan L70 50,000 hours
- Tempered glass cover
- Non-dimmable



Top View

LED Information

Total (Watts)	12W
Lumens Delivered	900lm
Lm/W	75lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C



Code	Lamp	Description
AAROLED	LED	12W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

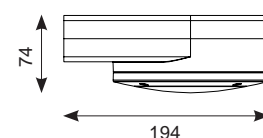
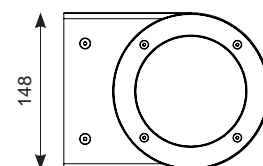


Beam AC LED

No Driver Required



- Compact and powerful die-cast aluminium wall light
- Dual purpose design allows installation as either a canopy downlight or as an uplight
- Exceeds performance of 70W HQI
- Integrated AC LED technology
- Allen key screws manufactured from marine grade stainless steel
- LED lifespan L70 70,000 hours
- Non-dimmable



LED Information

Total (Watts)	20W
Lumens Delivered	1624lm
Lm/W	81lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description
ABEAMLED	LED	20W - Cool White





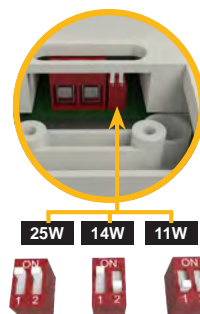
Project - The Kirkfield
Newton-le-Willows, UK

Eclipse MultiLED CCT

Supplied c/w Integral Driver



AECLD/CH/CCT



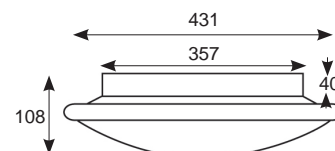
- LED wall/ceiling luminaire with adjustable power and light output option
- One product with integral driver dip-switch
- Internal CCT selector switch allows the installer to choose the CCT between 3000K, 4000K and 6500K
- Lumen package options allow retrofit of 28W, 38W or 55W CFL luminaires
- Flexibility of performance allows suitability for multiple applications
- Spun aluminium base with dished opal Visiluxe diffuser
- BESA box fixing versatile mounting options
- Option of White, Chrome or Satin Chrome housing
- LED lifespan L70 54,000 hours



AECLD/W/CCT



AECLD/SC/CCT



LED Information

Total (Watts) 11W/14W/25W			
Lumens Delivered	3000K	4000K	6500K
11W	1165lm	1193lm	1202lm
14W	1454lm	1493lm	1491lm
25W	2700lm	2846lm	2762lm
Lm/W 11W	106lm	108lm	109lm
Lm/W 14W	104lm	107lm	107lm
Lm/W 25W	108lm	114lm	110lm
CRI	Ra 80		
CCT	3000K 4000K 6500K		
Input	230V		
Hertz	50/60Hz		
Operating Temp	-10°C to 25°C		

Code	Lamp	Description
AECLD/W/CCT	LED	11W/14W/25W - White
AECLD/CH/CCT	LED	11W/14W/25W - Chrome
AECLD/SC/CCT	LED	11W/14W/25W - Satin Chrome

Options	/M3	Self-Test Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4 - 25W only)
	/MWS	Integral Microwave Sensor





Project - Mickel Hill Nursing Home
Pickering, UK

Mercury CCT LED

Supplied c/w Integral Driver



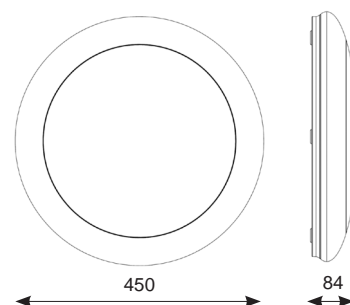
- IP44 polycarbonate wall/ceiling light for corridors, stairwells and general amenity applications
- High output option allows for a range of installation applications
- LED performance significantly exceeds CFL equivalents
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation (**19W only**)
- BESA box fixing facility
- Integral laminated board heatsink provides high performance thermal management
- Digital dimming, self-test emergency, DALI emergency and microwave sensor options
- Chrome bezel accessory
- LED lifespan L70 56,000 hours



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Chrome Trim Ring Fitted



Code	Lamp	Description
AMERLED/CCT	LED	19W - Matt White - Cool White/Warm White
AMERLED/HP	LED	33W - Matt White - Warm White Only

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3)
	/MWS	Integral Microwave Sensor

Accessories AMERLEDBZ/CH Chrome Trim Ring

LED Information

Total (Watts)	19W 33W	
Lumens Delivered	4000K	3500K
19W	1655lm	1420lm
33W	N/A	2702lm
Lm/W 19W	87lm	71lm
Lm/W 33W	N/A	82lm
CRI	Ra 80	
CCT	4000K 3500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 40°C	



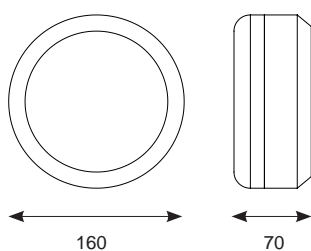
Beta LED

Supplied c/w Integral Driver

- Multi-purpose compact surface LED bulkhead
- IP44 rating and suitable for bathroom use
- All polycarbonate construction
- Comparable performance to 100W GLS and outperforms 16W CFL equivalents
- Instant light output and unlimited switching
- LED lifespan
L70 56,000 hours
- Non-dimmable



313



LED Information

Total (Watts)	5W
Lumens Delivered	436lm
Lm/W	87lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C



Code	Lamp	Description
ABELED/WV	LED	5W - Cool White - White Base, Opal Visiluxe Diffuser

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Gamma Mini LED

Supplied c/w Integral Driver



AMGAMLED

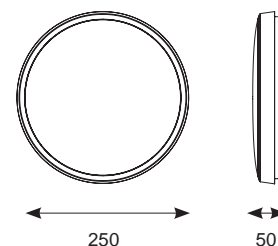


Chrome Trim Ring Fitted



Ultra slim profile

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Performance comparable to 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Code	Lamp	Description
AMGAMLED	LED	11W - Cool White
AMGAMLED/WW	LED	11W - Warm White

Options	/M3	Emergency
	/MWS	Internal Microwave Sensor

Accessories	AMGAMLEDBZ/CH	Chrome Trim Ring
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LED Information

Total (Watts)	11W
Lumens Delivered	
Cool White	1031lm
Warm White	971lm
Lm/W Cool White	94lm
Lm/W Warm White	88lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C



Gamma Mini LED CCT

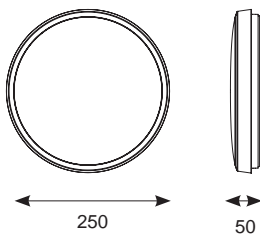
Supplied c/w Integral Driver



315



- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- CCT selectable between 3000K and 4000K
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



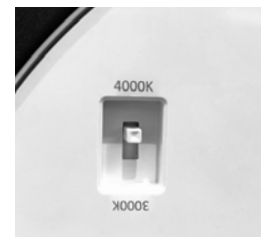
AMGAMLED/CCT



Chrome Trim Ring Fitted



Ultra slim profile



Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	1148lm
Warm White	1053lm
Lm/W Cool White	115lm
Lm/W Warm White	105lm
CRI	Ra 80
CCT	4000K 3000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-5°C to 35°C



Code	Lamp	Description
AMGAMLED/CCT	LED	10W - Cool White/Warm White

Options	/M3	Emergency
	/MWS	Internal Microwave Sensor

Accessories	AMGAMLEDBZ/CH	Chrome Trim Ring
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Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Gamma LED

Supplied c/w Integral Driver



AGAMLED



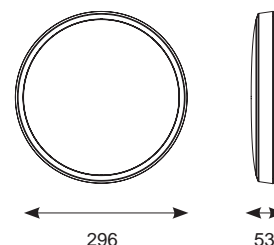
Chrome Trim Ring Fitted



Ultra slim profile

53mm

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Outperforms 38W CFL with opal diffuser by 25% and prismatic diffuser by 52%
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



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53

LED Information

Total (Watts)	18W
Lumens Delivered	
Cool White	1675lm
Warm White	1551lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

Code	Lamp	Description
AGAMLED	LED	18W - Cool White
AGAMLED/WW	LED	18W - Warm White

Options		
/M3	Emergency	
/MWS	Internal Microwave Sensor	

Accessories	AGAMLEDBZ/CH	Chrome Trim Ring
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Gamma LED CCT

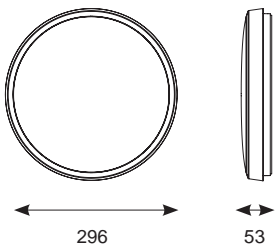
Supplied c/w Integral Driver



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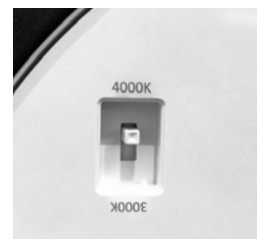
- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- CCT selectable between 3000K and 4000K
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 38W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Chrome Trim Ring Fitted



Ultra slim profile



Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1847lm
Warm White	1681lm
Lm/W Cool White	106lm
Lm/W Warm White	96lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 35°C

Code	Lamp	Description
AGAMLED/CCT	LED	17W - Cool White / Warm White
Options	/M3	Emergency
	/MWS	Internal Microwave Sensor
Accessories	AGAMLEDBZ/CH	Chrome Trim Ring



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Jazz LED

Supplied c/w Integral Driver



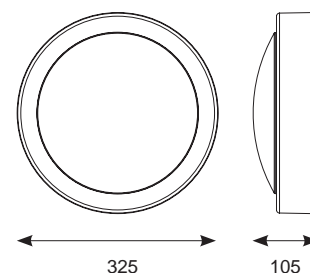
IP65

AJALED



Chrome Trim Ring Fitted

- Contemporary all polycarbonate fixture for wall/ceiling mounting
- LED performance exceeds CFL equivalents
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Optional chrome trim ring
- LED lifespan L70 56,000 hours



Code	Lamp	Description
AJALED	LED	14W - Cool White

Options		
/M3	Emergency	
/MWS	Internal Microwave Sensor	
/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION	

Accessories		
AJALEDDBZ/CH	Chrome Trim Ring	

LED Information

Total (Watts)	14W
Lumens Delivered	993lm
Lm/W	66lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C



Disco Slim LED CCT

Supplied c/w Integral Driver

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- 7W exceeds performance of 16W TC-DD
- 13W exceeds performance of 38W TC-DD
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation
- Two options of microwave sensor emergency
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

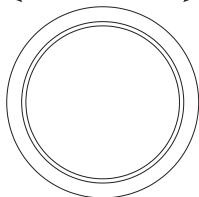
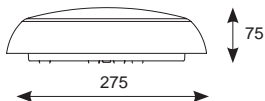


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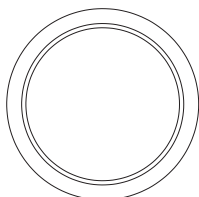
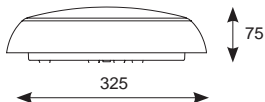


ADSILED1/CCT

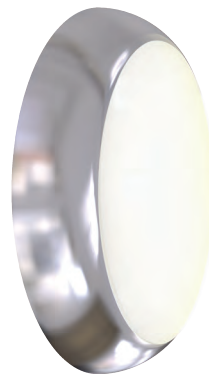
IP65



ADSILED1/CCT



ADSILED2/CCT



fitted with chrome trim ring



fitted with graphite trim ring

LED Information

	Cool White	Warm White
Total (Watts)	8W	13W
Lumens Delivered	643lm	575lm
	1083lm	1027lm
Lm/W	92lm	82lm
	83lm	79lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description
ADSILED1/CCT	LED	8W - Cool White/Warm White
ADSILED2/CCT	LED	13W - Cool White/Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)

Accessories	ADSILED1BZ/CH	Chrome Trim Ring (8W)
	ADSILED1BZ/GR	Graphite Trim Ring (8W)
	ADSILED2BZ/CH	Chrome Trim Ring (13W)
	ADSILED2BZ/GR	Graphite Trim Ring (13W)



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Disco Slim LED

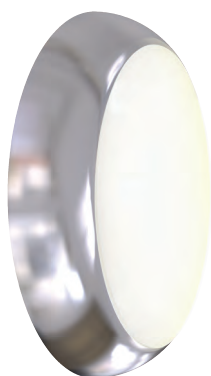
Supplied c/w Integral Driver

320



ADSILED1

IP65

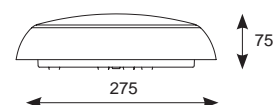


fitted with chrome trim ring

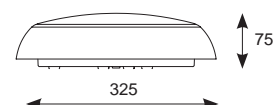


fitted with graphite trim ring

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- 8W exceeds performance of 16W TC-DD
- 13W exceeds performance of 38W CFL
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



ADSILED1



ADSILED2

Code	Lamp	Description
ADSILED1	LED	8W - Cool White
ADSILED1/WW	LED	8W - Warm White

ADSILED2	LED	13W - Cool White
ADSILED2/WW	LED	13W - Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)

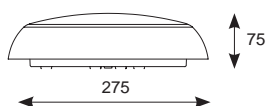
Accessories	ADSILED/1BZ/CH	Chrome Trim Ring (8W)
	ADSILED/1BZ/GR	Graphite Trim Ring (8W)
	ADSILED/2BZ/CH	Chrome Trim Ring (13W)
	ADSILED/2BZ/GR	Graphite Trim Ring (13W)

LED Information

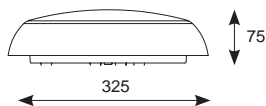
	Cool White	Warm White
Total (Watts)	8W	13W
Lumens Delivered	584lm 1021lm	547lm 979lm
Lm/W	73lm 79lm	68lm 75lm
CRI	Ra 80	
CCT	4000K 3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	



- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- Unique design creates halo light spill effect
- 8W exceeds performance of 28W TC-DD
- 13W comparable performance to 40W TC-DD
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



ADSIHLED1



ADSIHLED2

LED Information

Cool White Warm White

Total (Watts)	8W 13W	
Lumens Delivered	687lm 1198lm	605lm 1064lm
Lm/W	86lm 92lm	87lm 82lm
CRI	Ra 80	
CCT	4000K 3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Disco Slim Halo LED

Supplied c/w Integral Driver



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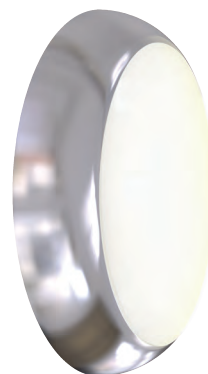


ADSIHLED1

IP65



Halo light spill effect



fitted with chrome trim ring



fitted with graphite trim ring

Code	Lamp	Description
ADSIHLED1	LED	8W - Cool White
ADSIHLED1/WW	LED	8W - Warm White

ADSIHLED2	LED	13W - Cool White
ADSIHLED2/WW	LED	13W - Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)

Accessories	ADSILED1BZ/CH	Chrome Trim Ring (8W)
	ADSILED1BZ/GR	Graphite Trim Ring (8W)
	ADSILED2BZ/CH	Chrome Trim Ring (13W)
	ADSILED2BZ/GR	Graphite Trim Ring (13W)



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Disco LED

Supplied c/w Integral Driver



ADILED1

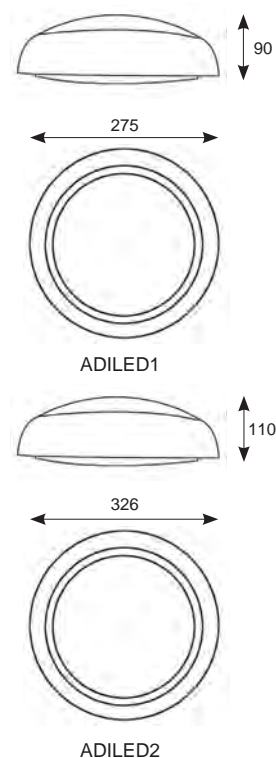
IP65



ADILED2

IP65

- All polycarbonate construction with opal diffuser and white trim ring
- LED performance exceeds CFL equivalents
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



Code	Lamp	Description
ADILED1	LED	8W - Cool White
ADILED2	LED	14W - Cool White

Options	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (14W only)

Accessories	ADI28BZ/BR	Brass Trim Ring (14W)
	ADI28BZ/CH	Chrome Trim Ring (14W)
	ADI28BZ/SG	Silver Grey Trim Ring (14W)

LED Information

Total (Watts)	8W
	14W
Lumens Delivered	539lm
	860lm
Lm/W	67lm
	61lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 25°C





Astro LED CCT

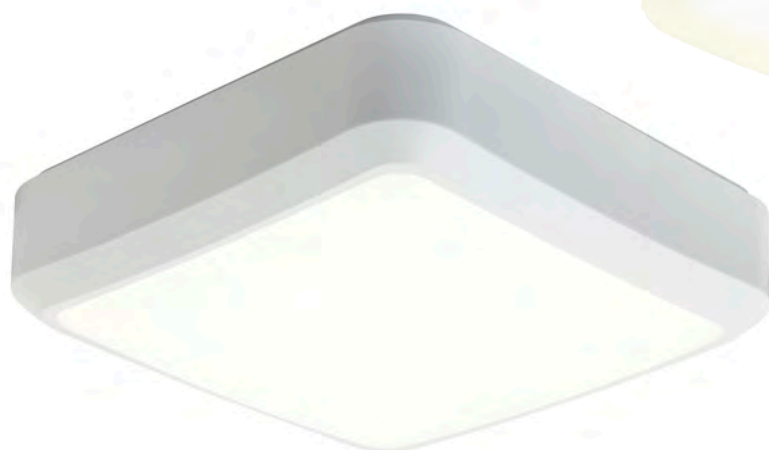
Supplied c/w Integral Driver and Trim Accessory



AALED1/BV/CCT
(Fitted with Trim Attachment)

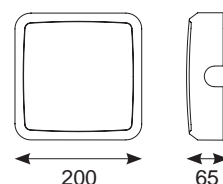


AALED1/WV/CCT

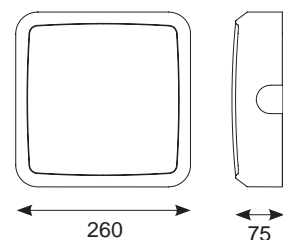


AALED2/WV/CCT
(Fitted with Trim Attachment)

- All polycarbonate multi-purpose LED square bulkhead
- LED performance exceeds CFL equivalents
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



AALED1/CCT



AALED2/CCT

LED Information

Total (Watts)	7W / 14W	
Lumens Delivered	4000K	3000K
7W	655lm	606lm
14W	1269lm	1170lm
Lm/W 7W	94lm	87lm
Lm/W 14W	91lm	84lm
CRI	Ra 80	
CCT	4000K	3000K
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description
AALED1/BV/CCT	LED	7W - Cool White/Warm White - Black Base, Visiluxe Cover
AALED1/WV/CCT	LED	7W - Cool White/Warm White - White Base, Visiluxe Cover
AALED2/BV/CCT	LED	14W - Cool White/Warm White - Black Base, Visiluxe Cover
AALED2/WV/CCT	LED	14W - Cool White/Warm White - White Base, Visiluxe Cover

Options	/PC	Electronic Photocell
	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)



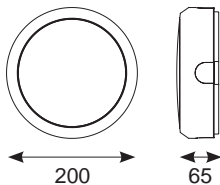
Delta LED CCT

Supplied c/w Integral Driver and Trim Accessory

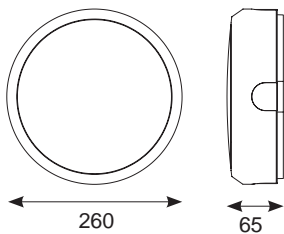
325



- All polycarbonate multi-purpose LED round bulkhead
- LED performance exceeds CFL equivalents
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



ADLED1/CCT



ADLED2/CCT



ADLED1/BV/CCT



ADLED1/WV/CCT
(Fitted with Trim Attachment)



ADLED2/BV/CCT
(Fitted with Louvred Bezel Trim)

LED Information

Total (Watts)	6W / 14W	
Lumens Delivered	4000K	3000K
6W	670lm	628lm
14W	1271lm	1190lm
Lm/W 6W	112lm	105lm
Lm/W 14W	91lm	85lm
CRI	Ra 80	
CCT	4000K	3000K
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description
ADLED1/BV/CCT	LED	6W - Cool White/Warm White - Black Base, Visiluxe Cover
ADLED1/WV/CCT	LED	6W - Cool White/Warm White - White Base, Visiluxe Cover

ADLED2/BV/CCT	LED	14W - Cool White/Warm White - Black Base, Visiluxe Cover
ADLED2/WV/CCT	LED	14W - Cool White/Warm White - White Base, Visiluxe Cover

Options	/PC	Electronic Photocell
	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)

Accessories	ADLED2/BZ/EYE/B	Black Eyelid Bezel Trim (14W Only)
	ADLED2/BZ/EYE/W	White Eyelid Bezel Trim (14W Only)
	ADLED2/BZ/GRILL/B	Black Louvred Bezel Trim (14W Only)
	ADLED2/BZ/GRILL/W	White Louvred Bezel Trim (14W Only)



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Project - Willows Veterinary Hospital
Northwich, UK

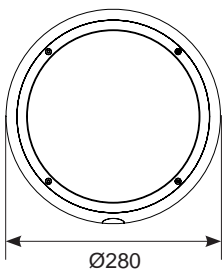
Mini Vision 3 LED

Supplied c/w Integral Driver and 3 Trim Designs



327

- IP65 polycarbonate LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- Exceeds performance of 28W TC-DD
- LED lifespan L70 36,000 hours
- Non-dimmable



AVIMLED/GR



AVIMLED/SG - Fitted with Louvred Eyelid



AVIMLED/W - Fitted with Plain Eyelid

LED Information

Total (Watts)	9W
Lumens Delivered	797lm
Lm/W	89lm*
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 50°C

* Please note that Lm/W rating reduces for eyelid versions



	Code	Lamp	Description
Standard	AVIMLED/GR	LED	9W - Graphite
	AVIMLED/SG	LED	9W - Silver Grey
	AVIMLED/W	LED	9W - White

Option	/PC	Electronic Photocell
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Vision 3 CCT LED

Supplied c/w Integral Driver and 3 Trim Designs



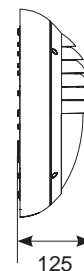
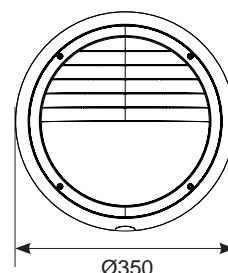
Fitted with Plain Eyelid

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Fitted with Louvred Eyelid

- IP65 CCT polycarbonate 3-In-1 LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- CCT selectable between 3000K and 4000K
- Exceeds performance of 38W TC-DD
- LED lifespan L70 56,000 hours



LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1420lm
Warm White	1324lm
Lm/W Cool White	84lm*
Lm/W Warm White	83lm*
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

* Please note that Lm/W rating reduces for eyelid versions



	Code	Lamp	Description
Standard	AVILED/CCT/GR	LED	17W - Graphite - Cool White/Warm White
	AVILED/CCT/SG	LED	17W - Silver Grey - Cool White/Warm White
	AVILED/CCT/W	LED	17W - White - Cool White/Warm White

Options	/PC	Electronic Photocell
	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

Vision 3 HP LED

Supplied c/w Integral Driver and 3 Trim Designs

- IP65 polycarbonate 3-In-1 LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- Exceeds performance of CFL equivalents
- Four conduit entry points
- Integral die-cast aluminium heatsink provides thermally managed high performance
- 31W LED lifespan L70 36,000 hours



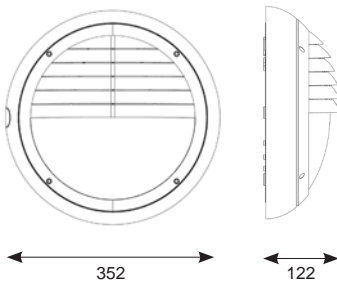
329



Removable conduit entry cap for ease of installation



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Fitted with Solid Eyelid



Fitted with Louvred Eyelid

LED Information

Total (Watts)	31W
Lumens Delivered	
31W	2426lm
Lm/W 31W	78lm*
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 50°C

* Please note that Lm/W rating reduces for eyelid versions



Code	Lamp	Description
AVILED/HP/GR	LED	31W - Graphite - Cool White
AVILED/HP/SG	LED	31W - Silver Grey - Cool White
AVILED/HP/W	LED	31W - White - Cool White

Options	/PC	Electronic Photocell
	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

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Helder LED Circular Bulkhead

Supplied c/w Integral Driver

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AHELED/CB



AHELED/CW/PIR



AHELED/EB



Adjustable PIR allows control over the time delay and LUX setting.



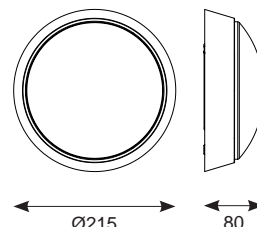
Adjustable time
between 10 seconds
to 5 minute



Adjustable LUX
between
10 - 2000 LUX



Max 10 metres
10 seconds to 5 minutes
10 - 2000 LUX



LED Information

Total (Watts)	14W
Lumens Delivered	
Standard	972lm
Eyelid	529lm
PIR	1011lm
Lm/W	
Standard	70lm
Eyelid	38lm
PIR	72lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

	Code	Lamp	Description
Standard	AHELED/CB	LED	14W - Black - Cool White
	AHELED/CW	LED	14W - White - Cool White
PIR	AHELED/CB/PIR	LED	14W - Black - Cool White - PIR
	AHELED/CW/PIR	LED	14W - White - Cool White - PIR
Standard Eyelid	AHELED/EB	LED	14W - Black - Cool White
	AHELED/EW	LED	14W - White - Cool White
PIR Eyelid	AHELED/EB/PIR	LED	14W - Black - Cool White - PIR
	AHELED/EW/PIR	LED	14W - White - Cool White - PIR



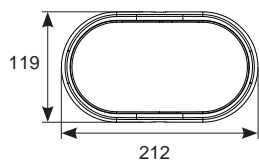
Helder LED Oval Bulkhead

Supplied c/w Integral Driver

- All polycarbonate oval bulkhead for external applications
- fast loop-in / loop-out connections
- Comparable performance to 28W TC-DD
- Body options of black or white
- Polycarbonate opal diffuser
- LED lifespan L70 25,000 hours
- Non-dimmable



Max 10 metres
10 seconds to 5 minutes
10 - 2000 LUX



LED Information

Total (Watts)	14W
Lumens Delivered	
Standard	887lm
PIR	925lm
Lm/W	
Standard	63lm
PIR	66lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



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AHELED/OW/PIR



AHELED/O/B

	Code	Lamp	Description
Standard	AHELED/OB	LED	14W - Black - Cool White - Oval
	AHELED/OW	LED	14W - White - Cool White - Oval
PIR	AHELED/OB/PIR	LED	14W - Black - Cool White - PIR - Oval
	AHELED/OW/PIR	LED	14W - White - Cool White - PIR - Oval

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Sorrento 2 LED CCT

Supplied c/w Integral Driver, Plain Cover and Eyelid Cover

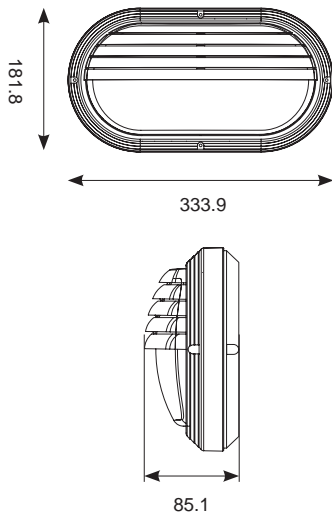


333

- Shallow depth IP65 polycarbonate 2-In-1 LED bulkhead for external applications
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied with both plain and louvred eyelid covers
- Exceeds performance of 18W PLC
- LED lifespan L70 56,000 hours
- Non-dimmable



ASR2LED/W/CCT
(Plain Cover)



ASR2LED/B/CCT
(Plain Cover)



ASR2LED/B/CCT
(Louvred Eyelid Cover)



ASR2LED/W/CCT
(Louvred Eyelid Cover)

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	721lm
Warm White	662lm
Lm/W	
Cool White	90lm
Warm White	83lm
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-0°C to 25°C



Code	Lamp	Description
ASR2LED/B/CCT	LED	8W - Cool White/Warm White - Black
ASR2LED/W/CCT	LED	8W - Cool White/Warm White - White

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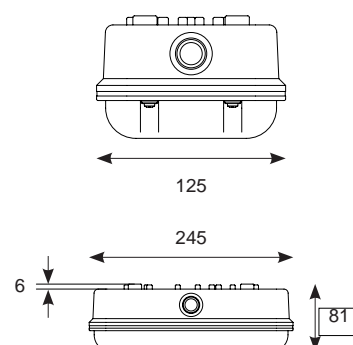


Sleek LED Polycarbonate Bulkhead

Supplied c/w Integral Driver



- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours
- Non-dimmable



LED Information

Total (Watts)	6W
Lumens Delivered	440lm
Lm/W	73lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description
ASBLED	LED	6W - Cool White

Options		
/PC	Electronic Photocell	
/MWS	Integral Microwave Sensor	



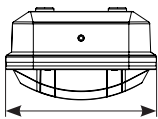
Sleek LED 110V Polycarbonate Bulkhead

Supplied c/w Integral Driver

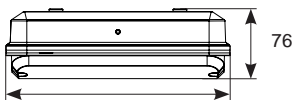


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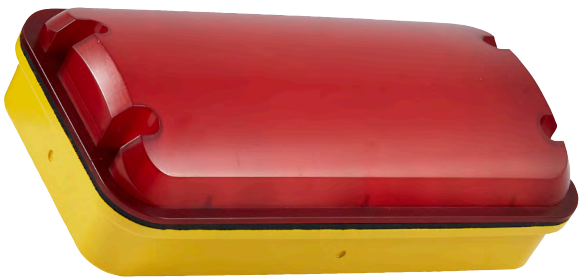
- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Suitable for all types of site lighting
- Instant light output and unlimited switching
- Red diffuser accessory available for applications that require warning indication luminaires
- LED lifespan L70 56,000 hours
- Non-dimmable



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Sleek 110V fitted with Red polycarbonate Lens accessory

LED Information

Total (Watts)	5W
Lumens Delivered	424lm
Lm/W	85lm
CRI	Ra 80
CCT	4000K
Input	110V
Hertz	50Hz
Operating Temp	-10°C to 40°C



Code Lamp Description

ASBLED/110V LED 5W - Yellow Base

Options /PC Electronic Photocell

/MWS Integral Microwave Sensor

Accessory ASBLED/DIFF/RED Red Polycarbonate Lens

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E27 Aluminium Bulkhead

Supplied Less Lamp

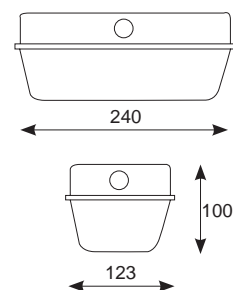


A100PC



A100GC

- Aluminium alloy body to prevent corrosion
- Option of vandal resistant polycarbonate or glass lens



Code	Lamp	Description
A100PC	E27	100W - Polycarbonate Lens
A100GC	E27	100W - Glass Lens

Options /PC Electronic Photocell

E27 Options			
100 W	23W	20W	
	53	53	
	130	130	
Maximum size and wattage			



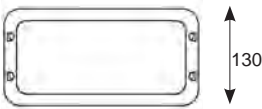
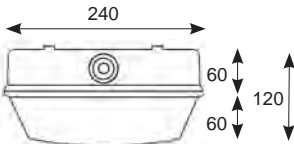
E27 Polycarbonate Bulkhead

Supplied Less Lamp



337

- Vandal resistant all polycarbonate construction



E27 Options		
100 W	23W	20W
130	53	53
Maximum size and wattage		



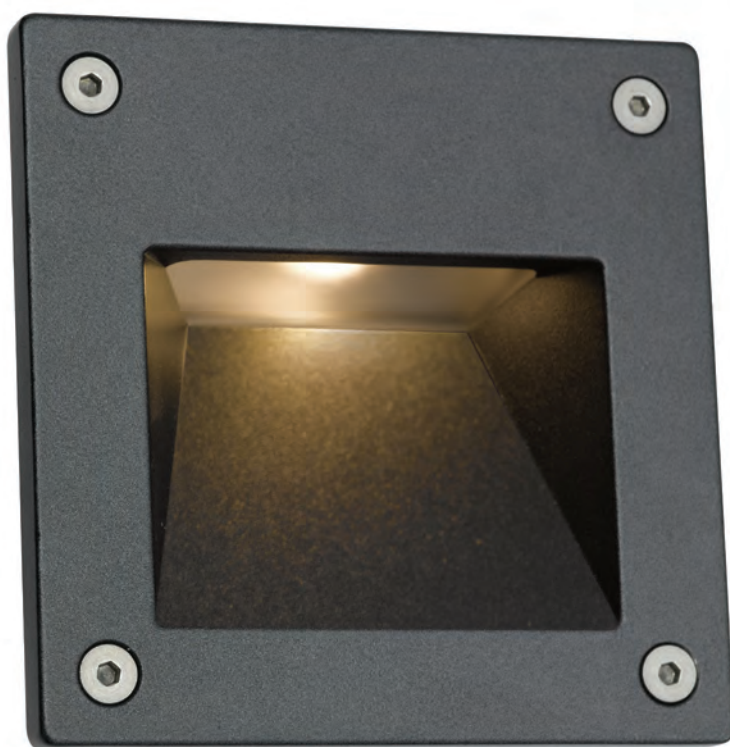
Code	Lamp	Description
A100POLY	E27	100W - Black Base
Options	/PC	Electronic Photocell

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

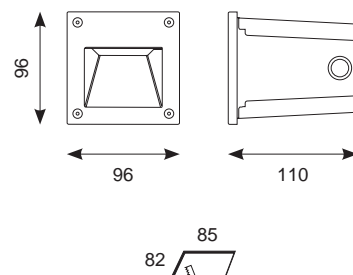


Camini LED

Supplied c/w Integral Driver



- Compact low level square LED pathway light with downward light spill
- Die-cast aluminium construction with graphite paint finish
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	3W
Lumens Delivered	79lm
Lm/W	22lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ACSQLEDWL	LED	3W - Cool White



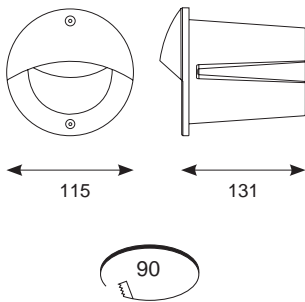
Parona LED

Supplied c/w Integral Driver



339

- Compact low level circular LED pathway light with downward light spill
- Die-cast aluminium construction with graphite paint finish
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	3W
Lumens Delivered	178lm
Lm/W	45lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
APCLEDWL	LED	3W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

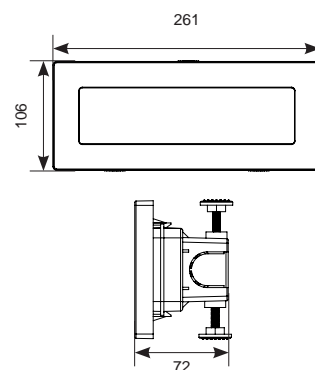


Mattone LED Uni-Bricklight CCT

Supplied c/w Integral Driver



- Universal polycarbonate LED bricklight
- Unique adjustable feet allows for installation into multiple brick apertures
- Polycarbonate construction ideal for coastal applications
- Push fit loop-in loop-out terminals for ease of installation
- Pre-wired with 600mm of rubber insulated cable
- Supplied c/w installation housing for additional protection and ease of installation
- CCT selectable between 3000K and 4000K
- Non-dimmable

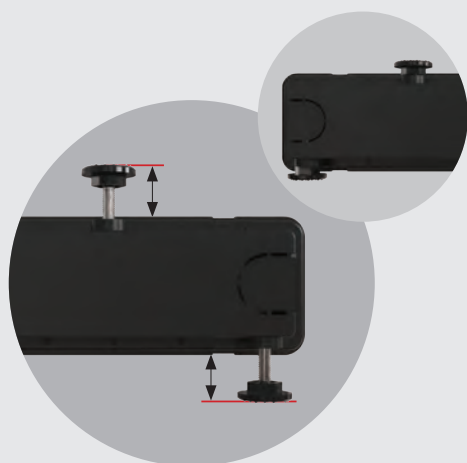
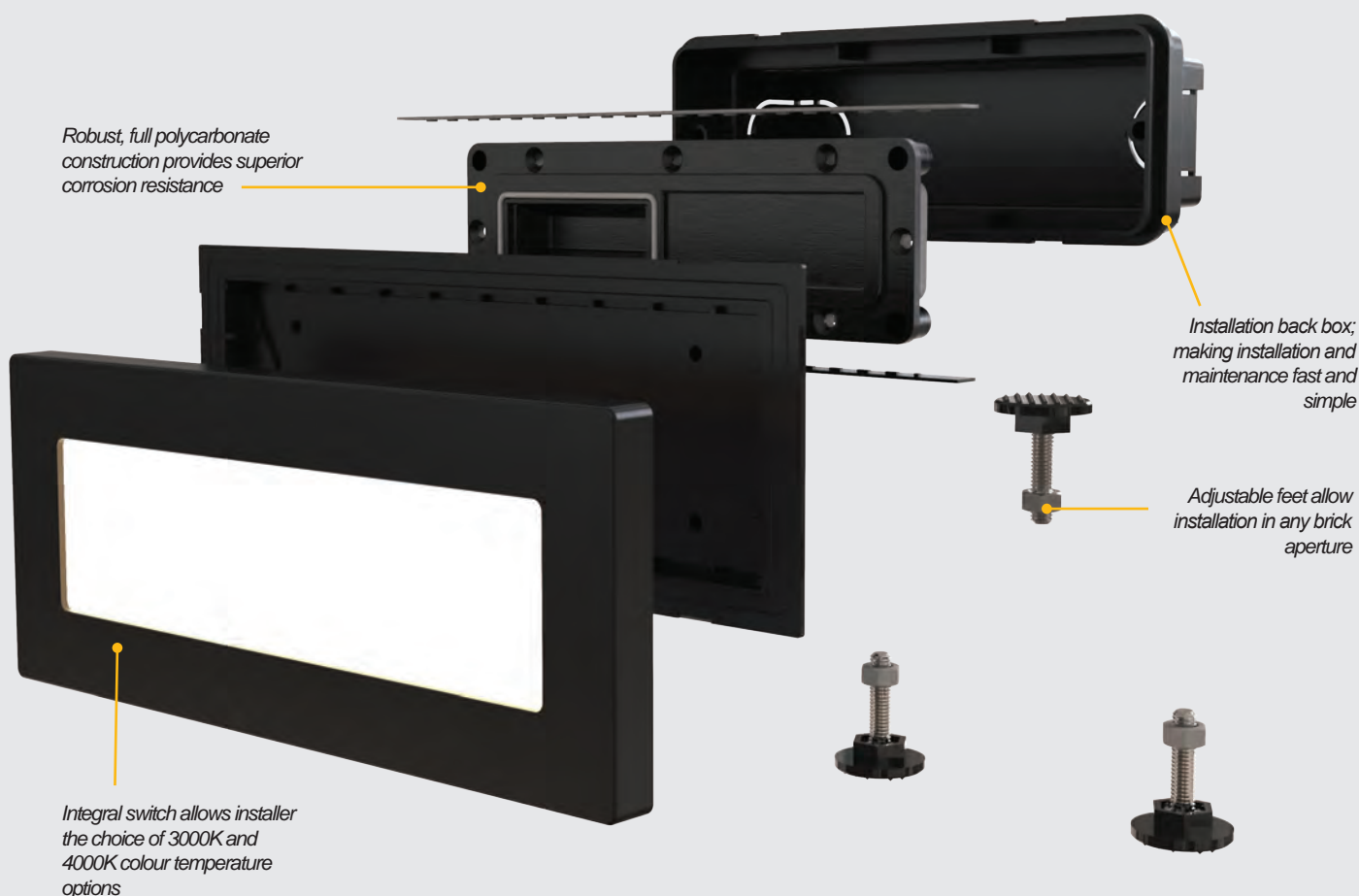


LED Information

Total (Watts)	2W
Lumens Delivered	
Cool White	101lm
Warm White	85lm
Lm/W	
Cool White	51lm
Warm White	43lm
Beam Angle	105°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description
AMATBLED	LED	2W - Cool White/Warm White





Adjustable Feet Design

The unique adjustable feet design allows installation into a range of brick apertures, ranging from 115mm in height to 85mm, ensuring suitability and a precise fit for many brick apertures. The feet allow the product to maintain a fixed position during installation, ensuring it is fast and simple.



Plug and Play Design

The plug and play design allows the front plate to be temporarily disconnected during installation, allowing the installer easier access to adjust the feet and fix the housing in position before cementing into the wall construction. The installer will simply re-connect the front plate to the housing using the plug and play connector.



Project - Private Residential
Liverpool, UK

Libretto LED Bricklight

Supplied c/w Integral Driver



343

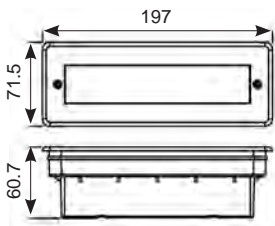
- Stainless steel front cover with clear polycarbonate front lens and recessed housing
- Integral driver with loop-in, loop-out connections
- LED lifespan L70 40,000 hours
- Non-dimmable



ALIBLED/BLU



ALIBLED/WHI



LED Information

Total (Watts)	2W
Lumens Delivered	
Daylight	126lm
Blue	48lm
Lm/W	63lm
Lm/W Blue	24lm
CRI	Ra 65
CCT	6000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 25°C



Code	Lamp	Description
ALIBLED/WHI	LED	2W - Daylight
ALIBLED/BLU	LED	2W - Blue

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

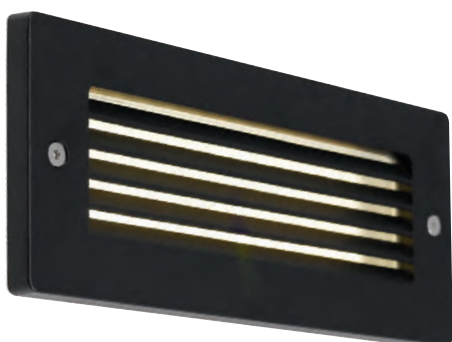


Fidenza LED Bricklight

Supplied c/w Integral Driver



AFBLED

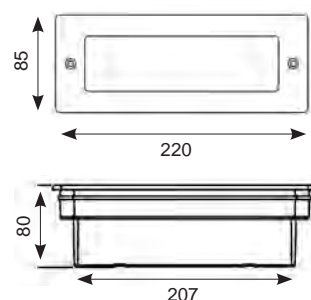


AFBL/GRILL Cover Fitted



AFBL/EYE Cover Fitted

- Die-cast aluminium housing and front cover
- Toughened front frosted glass
- Metal back box with cable entries for ease of installation
- Optional grill and hood front covers
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	2.2W
Lumens Delivered	145lm
Lm/W	66lm
CRI	Ra 65
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AFBLED	LED	2.2W - Cool White

Accessories AFBL/GRILL	Front Grill Cover
AFBL/EYE	Front Eyelid Cover





Project - Private Residential
Warrington, UK

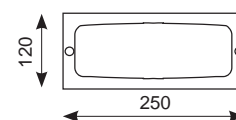
LED Inox Stainless Steel Bricklight

Supplied c/w Integral Driver

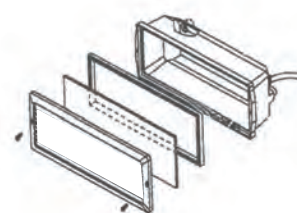
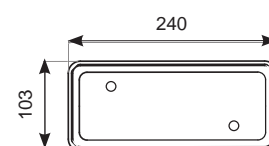
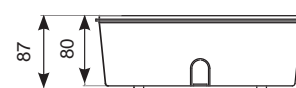


Stainless Steel **AISI 316L**

- Die-cast aluminium bricklight with AISI316L stainless steel front cover
- Comparable performance to 18W PLC
- Tempered and frosted 4mm glass diffuser
- Supplied c/w polyethelyne back box for recessing
- LED lifespan L70 50,000 hours
- Non-dimmable



Box Dimensions



LED Information

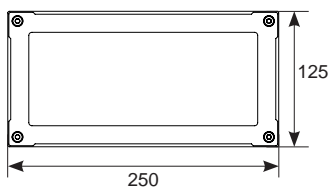
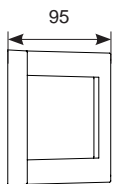
Total (Watts)	12W
Lumens Delivered	270lm
Lm/W	23lm
CRI	Ra 70
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-25°C to 35°C

Code	Lamp	Description
ABLFLED/SS	LED	12W - Warm White





- Modern low level surface brick light/wall light
- General illumination ideal for pathway/walkway illumination
- Die-cast aluminium housing graphite powder coated anodized finish
- Tempered frosted glass
- LED lifespan L70 30,000 hours
- Non-dimmable



Wall Mounted



Low Level Mounted

LED Information

Total (Watts)	7W
Lumens Delivered	302lm
Lm/W	43lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 50°C



Code	Lamp	Description
AVOLEDSWL	LED	7W - Cool White



Project - Private Residential
Congleton, UK

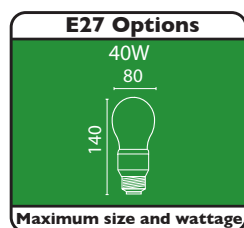
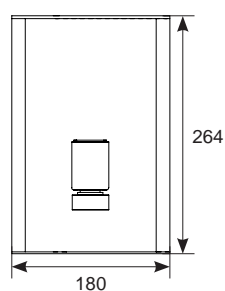
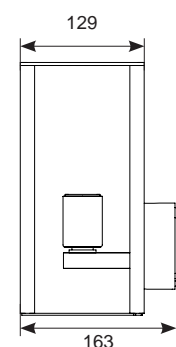
Calore E27

Supplied Less Lamp



349

- Ultra modern exterior wall light
- Die-cast frame with tempered glass enclosure
- Textured powder coated anthracite finish
- Ideal for use with LED Filament lamps



Code	Lamp	Description
ACAL/E27	E27	40W - Sandy Anthracite

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Latina LED Half Lantern

Supplied c/w Integral Driver

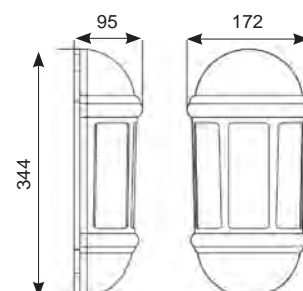


ALHLLD/BL



ALHLLD/PIR/W

- Contemporary IP65 half lantern and resistant to corrosion
- Textured polycarbonate finish and tinted lens
- LED light bar for uniform light output
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance
- LED lifespan L70 56,000 hours
- Non-dimmable



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off

LED Information

Total (Watts)	8W
Lumens Delivered	400lm
Lm/W	53lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

	Code	Lamp	Description
Standard	ALHLLD/BL	LED	8W - Warm White - Black
	ALHLLD/WH	LED	8W - Warm White - White
Photocell	ALHLLD/PC/BL	LED	8W Photocell - Warm White - Black
	ALHLLD/PC/WH	LED	8W Photocell - Warm White - White
PIR	ALHLLD/PIR/BL	LED	8W PIR - Warm White - Black
	ALHLLD/PIR/WH	LED	8W PIR - Warm White - White



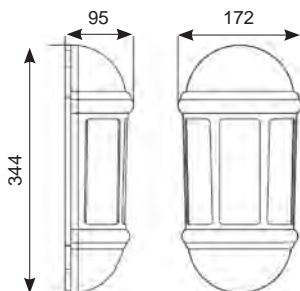
Latina Polycarbonate Half Lantern

Supplied Less Lamp



351

- Contemporary IP65 half lantern and resistant to corrosion
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off



ALHL/BL



ALHL/PIR/WH

	Code	Lamp	Description
Standard	ALHL/BL	E27	42W - Black
	ALHL/WH	E27	42W - White
Photocell	ALHL/PC/BL	E27	42W Photocell - Black
	ALHL/PC/WH	E27	42W Photocell - White
PIR	ALHL/PIR/BL	E27	42W PIR - Black
	ALHL/PIR/WH	E27	42W PIR - White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Latina LED Wall Lantern

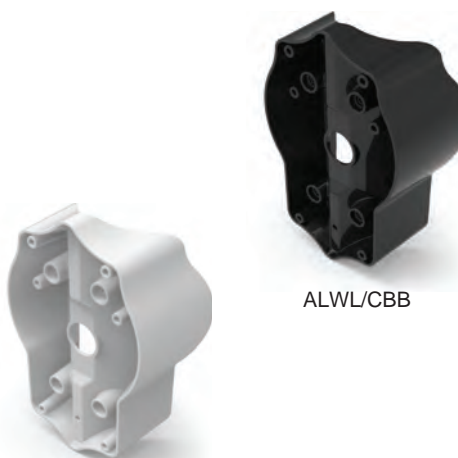
Supplied c/w Integral Driver



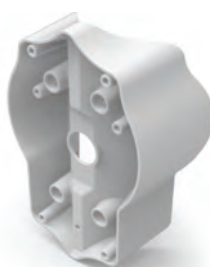
ALWLLED/WH



ALWLLED/PIR/BL

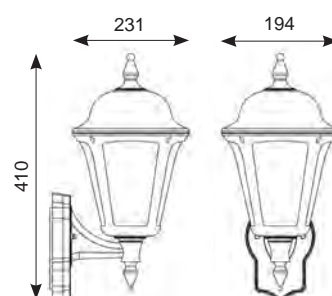


ALWL/CBB



ALWL/CBW

- Contemporary IP65 polycarbonate lantern range and resistant to corrosion
- LED light bar for uniform light output
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance
- LED lifespan L70 56,000 hours
- Non-dimmable



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off

LED Information

Total (Watts)	8W
Lumens Delivered	546lm
Lm/W	68lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

	Code	Lamp	Description
Standard	ALWLLED/BL	LED	8W - Warm White - Black
	ALWLLED/WH	LED	8W - Warm White - White
PIR	ALWLLED/PIR/BL	LED	8W PIR - Warm White - Black
	ALWLLED/PIR/WH	LED	8W PIR - Warm White - White

Accessories	ALWL/CBB	Wall Lantern Corner Bracket Black
	ALWL/CBW	Wall Lantern Corner Bracket White



Latina Polycarbonate Wall Lantern

Supplied Less Lamp

- Contemporary IP65 polycarbonate lantern range and resistant to corrosion
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance



353



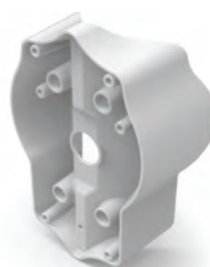
ALWL/WH



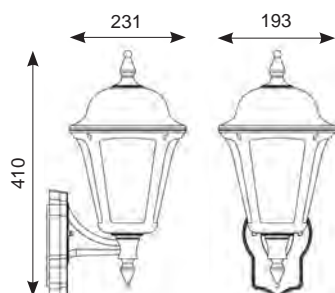
ALWL/PIR/BL



ALWL/CBB



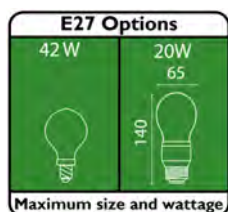
ALWL/CBW



PIR



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off



	Code	Lamp	Description
Standard	ALWL/BL	E27	42W - Black
	ALWL/WH	E27	42W - White
PIR	ALWL/PIR/BL	E27	42W PIR - Black
	ALWL/PIR/WH	E27	42W PIR - White
Accessories	ALWL/CBB		Wall Lantern Corner Bracket Black
	ALWL/CBW		Wall Lantern Corner Bracket White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

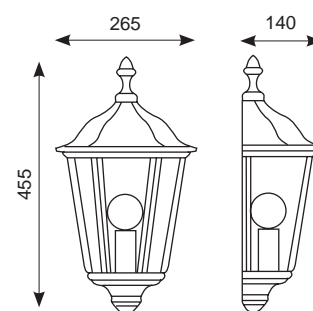


Roma

Supplied Less Lamp



- Die-cast aluminium half-lantern in black
- Clear polycarbonate diffuser for E27 versions



E27 Options		
100 W	23W 53	20W 53
165	165	165
Maximum size and wattage		

Code	Lamp	Description
ARE27/HL/BL	E27	100W - Black



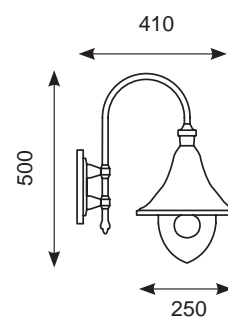


Lampara

Supplied Less Lamp



- Die-cast aluminium construction with transparent polycarbonate diffuser
- Black paint finish



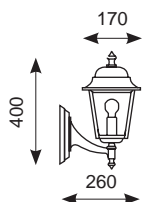
E27 Options		
100 W	23W	20W
	53	53
165	165	165
Maximum size and wattage		

Code	Lamp	Description
ALE27/WL/BL	E27	100W - Black

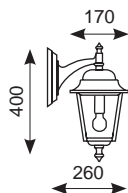




- Die-cast aluminium four sided lantern
- Black paint finish
- Smoked glass diffuser
- Full size post lanterns incorporate hinged door for easy wiring access

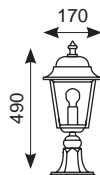


ANE27/WLBA/BL



ANE27/WLTA/B

ANE27/PIL/BL



ANE27/PIL/BL



ANE27/WLBA/BL



E27 Options		
60W to 100W	23W 53	20W 53
130	130	130
Maximum size and wattage		



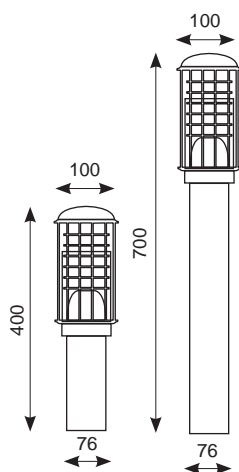
	Code	Lamp	Description
Wall Lantern	ANE27/WLTA/BL	E27	60W Top Arm - Black
	ANE27/WLBA/BL	E27	60W Bottom Arm - Black
Pillar Lantern	ANE27/PIL/BL	E27	60W - Black



Project - Private Residential
Bangor, Ireland



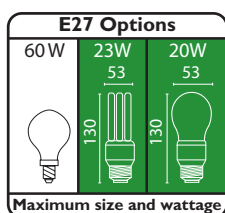
- High Grade AISI 316L stainless steel bollard
- Slim profile provides additional suitability for patio lighting
- Suitable for commercial and domestic applications



AUE27040/SS



AUE27070/SS



Code	Lamp	Description
AUE27040/SS	E27	60W 400mm
AUE27070/SS	E27	60W 700mm

Urano Inox Country

Supplied Less Lamp



360

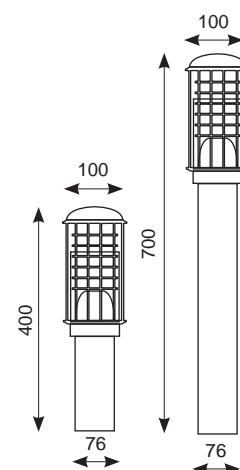


AUE27040/WE



AUE27070/WE

- Stunning combination of country wood effect with stainless steel head
- Slim profile provides additional suitability for patio lighting
- Decorative AISI 316L stainless steel head
- Suitable for commercial and domestic applications



Code	Lamp	Description
AUE27040/WE	E27	60W 400mm
AUE27070/WE	E27	60W 700mm

E27 Options		
60W	23W 53	20W 53
Maximum size and wattage		





Project - Private Residential
County Antrim, Ireland

Pavia Solar LED

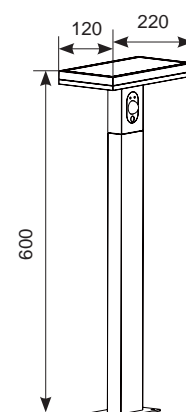
Supplied c/w Integral Driver



- Ultra modern die-cast solar powered aluminium LED bollard
- PIR motion sensor as standard
- Automatic day/night mode switching
- 2 operation modes:-
1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours



**Matching
Pavia Wall Light**
see p279



6 to 10 metres
1 minute
10 to 45 LUX

Code	Lamp	Description
APAVLEDB/60	LED	Cool White

Accessories	ASBP/17	7.4V 1500mAh Replacement Li-ION Battery
--------------------	----------------	---

LED Information

Lumens Delivered	230lm
------------------	-------

CRI	Ra 80
-----	-------

CCT	4000K
-----	-------

Operating Temp	-20°C to 45°C
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Project - Private Residence
Southport, UK

Talana Solar LED

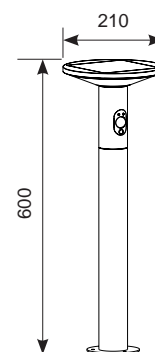
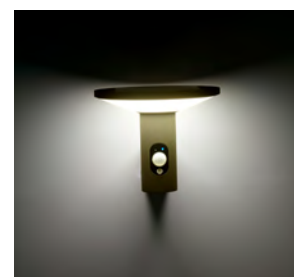
Supplied c/w Integral Driver



- Ultra modern die-cast solar powered aluminium LED bollard
- PIR motion sensor as standard
- 2 operation modes:-
1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours



Matching
Talana Solar LED Wall Light
see p281



6 to 10 metres
1 minute
10 to 45 LUX

Code	Lamp	Description
ATASLEDB/60	LED	Cool White

Accessories ASBP/17 7.4V 1500mAh Replacement Li-ION Battery

LED Information

Lumens Delivered	210lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C





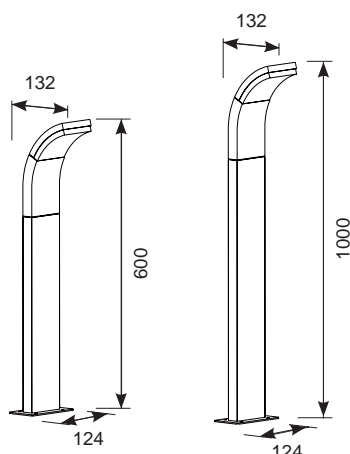
Project - Private Residential
Belfast, UK



Project - Private Residential
Chester, UK



- Contemporary die-cast aluminium LED bollard
- Graphite textured powder coat paint finish
- Flange mounted base for surface fixing
- LED lifespan
L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	6.5W
Lumens Delivered	366lm
Lm/W	52lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



ASELEDB/060

ASELEDB/100

Code	Lamp	Description
ASELEDB/060	LED	6.5W - Cool White 600mm
ASELEDB/100	LED	6.5W - Cool White 1000mm

Arco LED

Supplied c/w Integral Driver



Light distribution from head of bollard



AARLEDB/060

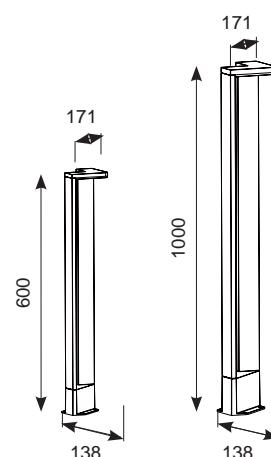


AARLEDB/100

- Ultra modern LED bollard
- Graphite textured powder coated paint finish
- Flange mounted base for surface mounting
- LED lifespan L70 36,000 hours
- Non-dimmable



Matching
Arco LED Wall Light
see p276



LED Information

Total (Watts)	11W
Lumens Delivered	643lm
Lm/W	58lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



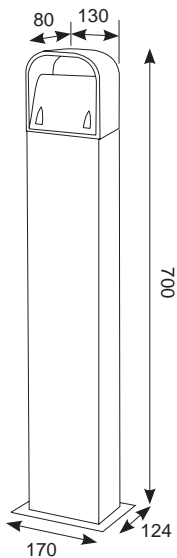
Code	Lamp	Description
AARLEDB/060	LED	11W - Cool White 600mm
AARLEDB/100	LED	11W - Cool White 1000mm



Project - Private Residential
York, UK



- Modern bollard with die-cast aluminium body
- Innovative bi-directional light distribution
- Equivalent performance to 26W PLC
- Powder coated anodized graphite paint finish for enhanced durability
- Flange mounted base for surface fixing
- IP66 loop-in, loop-out connection joint for ease of installation
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	11W
Lumens Delivered	
Cool White	202lm
Warm White	578lm
Lm/W	
Cool White	18lm
Warm White	53lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



Code	Lamp	Description
AGLEDB/700	LED	11W - Cool White 700mm
AGLEDB/700/WW	LED	11W - Warm White 700mm

Brock LED Bollard

Supplied c/w Integral Driver and Root mounting kit

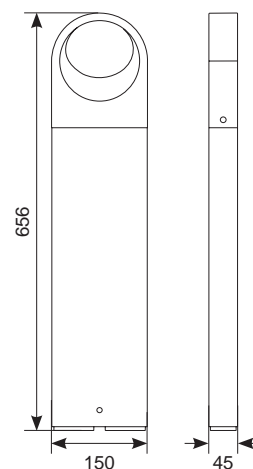


Supplied c/w Root
Mounting kit

- Modern bi-directional bollard providing vivid angled light distribution
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- Supplied c/w root mounting kit
- LED lifespan L70 50,000 hours
- Non-dimmable



Matching
Brock LED Wall light
see p298



LED Information

Total (Watts)	7.7W
Lumens Delivered	
Cool White	452lm
Warm White	447lm
Lm/W	
Cool White	57lm
Warm White	56lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ABRLEDB/650/CW	LED	7.7W - Cool White 650mm
ABRLEDB/650/WW	LED	7.7W - Warm White 650mm





Duet LED

Supplied c/w Integral Driver



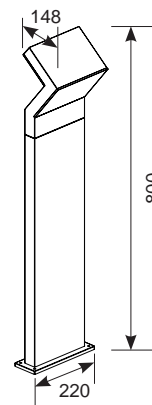
Light distribution from the rear of the bollard



Light distribution from the front of the bollard



- Ultra modern bollard with die-cast aluminium body
- Powder coated anodized graphite paint finish for enhanced durability
- Flange mounted base for surface fixing
- LED lifespan L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	17W
Lumens Delivered	1536lm
Lm/W	90lm
CRI	Ra 80
CCT	4000K
Input	100V-240V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description
ADULEDB/080	LED	17W - Cool White 800mm





Project - Private Residential
Bath, UK



Project - Public Walkway
Essex, UK

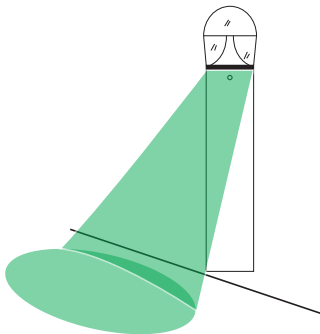
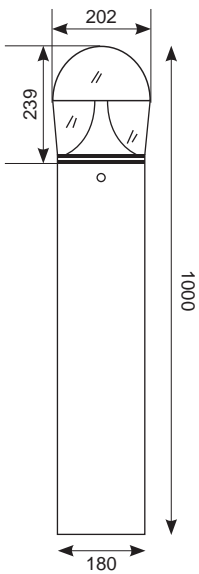
Taurus LED

Supplied c/w Integral Driver



377

- Robust die-cast aluminium bollard with a textured graphite finish
- Die-cast aluminium head with polycarbonate lens
- Comparable performance to 70W HQI
- Powered by Philips
- Integral emergency option
- Supplied c/w root mounting kit
- LED lifespan L70 50,000 hours
- Non-dimmable



Emergency Operation

LED Information

Total (Watts)	26W
Lumens Delivered	1379lm
Lm/W	53lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-25°C to 50°C



Code	Lamp	Description
ATALEDB/1000	LED	26W - Cool White 1000mm
ATALEDB/1000/PIR	LED	26W - Cool White 1000mm - PIR

Option	/M3	Emergency
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Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Leo CCT LED Polycarbonate Bollard

Supplied c/w Integral Driver



Powered by
TRIDONIC
enlightening your ideas

- Modern styled bollard with polycarbonate construction
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- Suitable for domestic and commercial applications
- Supplied c/w root mounting kit, can be surface mounted with rawbolts
- CCT selectable between 3000K and 4000K
- LED lifespan L70 61,000 hours
- Non-dimmable



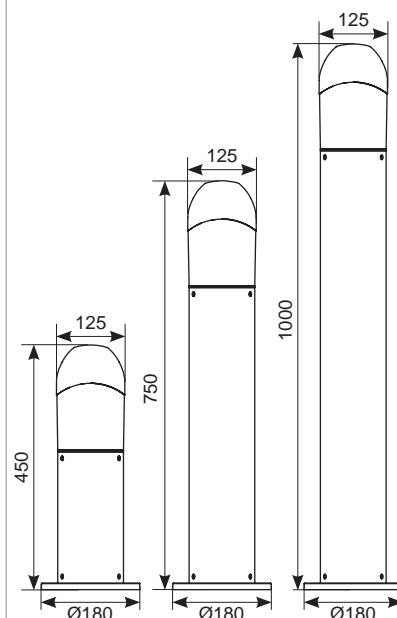
ALEOLED/CCT/045/GR



ALEOLED/CCT/075/GR



ALEOLED/CCT/100/GR



LED Information

Total (Watts)	8W	
	13W	
	13W	
Lumens Delivered	4000K	3000K
8W	592lm	533lm
13W	922lm	880lm
13W	922lm	880lm
Lm/W		
8W	74lm	67lm
13W	77lm	73lm
13W	77lm	73lm
CRI	Ra 80	
CCT	3000K	
	4000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 40°C	

Code	Lamp	Description
ALEOLED/CCT/045/GR	LED	8W - Warm White/Cool White 450mm
ALEOLED/CCT/075/GR	LED	13W - Warm White/Cool White 750mm
ALEOLED/CCT/100/GR	LED	13W - Warm White/Cool White 1000mm



Project - Commercial Development
Stockport, UK

Monza

Supplied Less Lamp



380



AME27045/BL

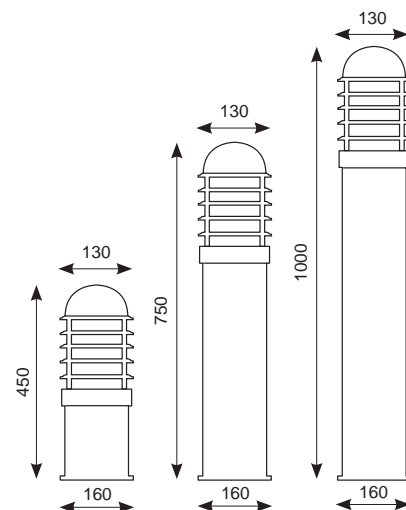


AME27075/BL



AME27100/BL

- Die-cast extruded aluminium bollard with external louvred head
- Textured black powder coat finish
- Suitable for commercial and domestic applications



Code	Lamp	Description
AME27045/BL	E27	100W 450mm
AME27075/BL	E27	100W 750mm
AME27100/BL	E27	100W 1000mm

Accessories ARMK3

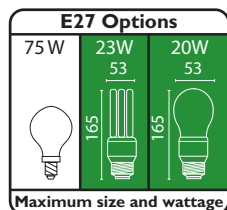
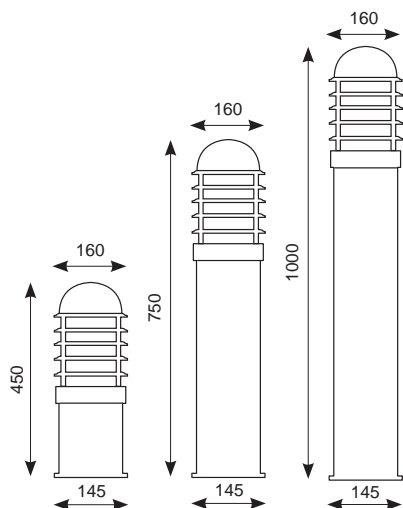
Root Mounting Kit

E27 Options		
100 W	23W 53	20W 53
165	165	165
Maximum size and wattage		





- High Grade AISI 316L stainless steel bollard
- External louvred head and opal polycarbonate diffuser
- Suitable for commercial and domestic applications



AME27045/SS



AME27075/SS



AME27100/SS

Code	Lamp	Description
AME27045/SS	E27	75W 450mm
AME27075/SS	E27	75W 750mm
AME27100/SS	E27	75W 1000mm

Accessories ARMK3

Root Mounting Kit



Aquila

Supplied Less Lamp



382



AAE27045/BL

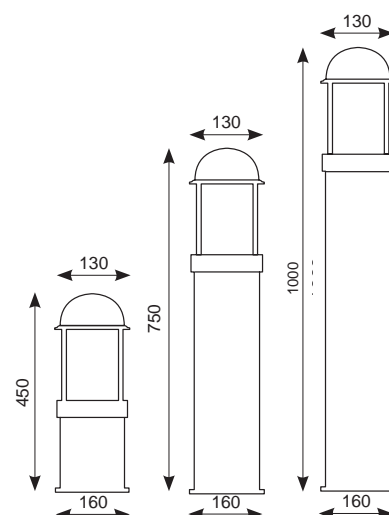


AAE27075/BL



AAE27100/BL

- Die-cast aluminium bollard with four pillars and opal polycarbonate diffuser
- Textured black powder coat finish
- Suitable for commercial and domestic applications



Code	Lamp	Description
AAE27045/BL	E27	75W 450mm
AAE27075/BL	E27	75W 750mm
AAE27100/BL	E27	75W 1000mm

Accessories ARMK3

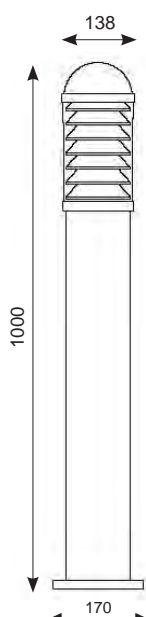
Root Mounting Kit




E27 Options		
100W	23W 53	20W 53
165	165	165
Maximum size and wattage		





- Die-cast aluminium bollard with polycarbonate diffuser
- Internal stainless steel louvre
- Detachable head for easy access to lamp housing
- Suitable for surface mounting
- Supplied with root mounting kit



E27 Options		
100 W	23W	20W
		
130	53	53
Maximum size and wattage		



Code	Lamp	Description
ALIB/100E27	E27	100W 1000mm

Orno LED Portable Lantern

Supplied c/w DC Adaptor

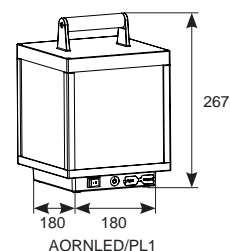


AORNLed/PL1
White LED

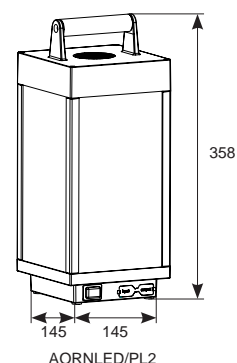


AORNLed/PL2

- Modern portable lantern range suitable for domestic applications
- Anodised powder coated die-cast frame construction, c/w polycarbonate enclosure for enhanced durability
- Chargeable USB battery power ensures no installation or maintenance is required
- Integrated bluetooth speaker allows pairing with smart device for audio playback (AORNLed/PL2 Only)
- A selection of light outputs can be selectable via an external touch pad (AORNLed/PL1 Only)
- USB 2.0 output allows a smartphone to be charged from the fitting
- Up to 6 hours of battery life
- LED lifespan L70 36,000 hours



AORNLed/PL1



AORNLed/PL2

LED Information

Total (Watts)	5W
Lumens Delivered	353lm
Lm/W	71lm
CRI	Ra 80
CCT	4000K
Input	3.7VDC
Operating Temp	-20°C to 45°C

Code	Lamp	Description
AORNLed/PL1	LED	5W - Small/Cool White
AORNLed/PL2	LED	6W - Large/Cool White



Project - Private Residential
Congleton, UK

Lazer AC LED Projector

Integrated AC LED Technology

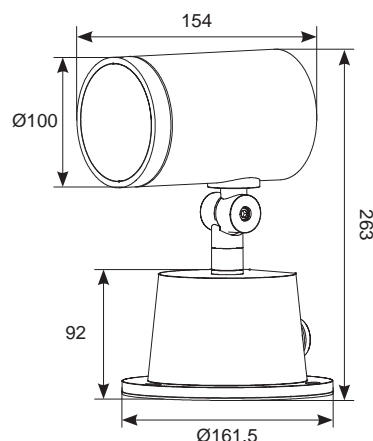


Cross Anti-Glare Accessory



Hood Accessory

- High performance LED projector light
- Push fit loop-in loop-out for ease of installation
- Integrated AC LED technology
- Die-cast aluminium construction with textured graphite paint finish
- Cross anti-glare and hood accessory available
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	30W
Lumens Delivered	2581lm
Lm/W	86lm
Beam Angle	28°
CRI	Ra 80
CCT	3000K
Input	220-240V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
ALAZPLED2	LED	30W - Warm White

Accessories	ALAZPLED/C	Cross Anti-Glare Accessory
	ALAZPLED/H	Hood Accessory



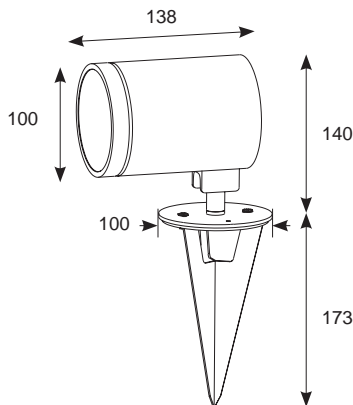
Rondo HP AC LED Surface/Spike Light

Integrated AC LED Technology



387

- High performance LED feature light
- Suitable for surface or spike mounting (spike accessory included)
- Integrated AC LED technology
- 60° beam angle
- Die-cast aluminium construction with textured graphite paint finish
- Pre-wired with 2 metres of H07RN-F cable
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	20W
Lumens Delivered	1200lm
Lm/W	60lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



Wall Mounting



Spike Mounting



Surface Mounting

Code	Lamp	Description
AROLEDSSS	LED	20W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Southport Flower Show
Southport, UK

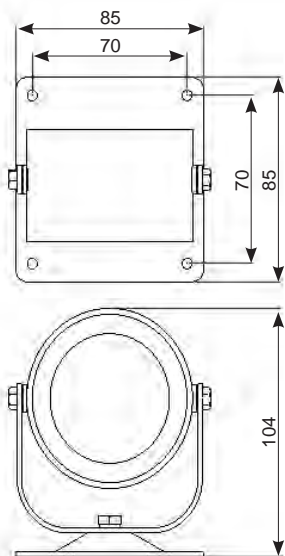
Meteor LED Submersible

Supplied Less Driver



389

- Surface or submersible spot for external applications
- 316L stainless steel construction housing with adjustable head
- Pre-wired with 3 metres of rubber insulated cable
- Submersible to a depth of up to 3 metres
- LED lifespan
L70 50,000 hours



LED Information

Total (Watts)	6W
Lumens Delivered	547lm
Lm/W	91lm
CRI	Ra 75
CCT	4000K
Input	350mA
Operating Temp	-20°C to 40°C



	Code	Lamp	Description
	AMETLED	LED	6W - Cool White
Accessories	AD9W/350	9W 350mA LED Driver	
	ADK20W/350	20W 350mA LED Driver	
	AMCD25W	0-15W Multicurrent Driver	
	AMCD50W	0-20W Multicurrent Driver	

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Garda GU10 LED

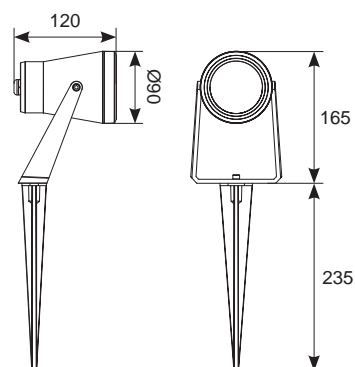
Supplied Less Lamp



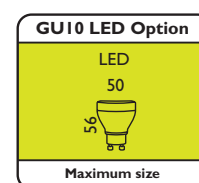
Wall Mounting

Spike Fixing

- Dual purpose garden spotlight supplied with wall mounting bracket and spike
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- Suitable for GU10 LED lamps only as detailed



Code	Lamp	Description
AGAR/GU10	GU10	5W LED GU10



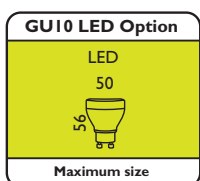
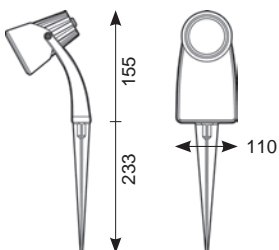
Flora GU10 LED

Supplied Less Lamp



391

- Dual purpose garden spotlight supplied with wall mounting bracket and spike
- Polycarbonate construction suitable for coastal areas
- Manufactured from 100% recyclable materials
- Pre-wired with 2 metres of rubber insulated cable
- Suitable for GU10 LED lamps only as detailed



Wall Mounting

Spike Fixing

Code	Lamp	Description
AFGS/GU10LED	LED	5W LED GU10



Warrington: +44 (0) 1942 433333
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Subra LED Inground Uplight

Supplied Less Driver

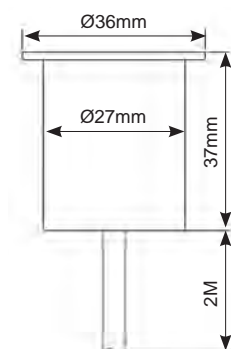


ASUWOLED/CW



ASUWOLED/WW

- Small recessed LED marker ground light for a variety of internal and external applications
- 316L stainless steel bezel and housing
- Pre-wired with 2 metres of rubber insulated cable
- Submersible to a depth of up to 2 metres
- LED lifespan L70 56,000 hours lifetime



LED Information

Total (Watts)	1W
Lumens Delivered	
Cool White	35lm
Warm White	35lm
Lm/W Cool White	35lm
Lm/W Warm White	35lm
CRI Cool White	Ra 75
CRI Warm White	Ra 80
CCT Cool White	6000K
CCT Warm White	3000K
Input	12V/24V
Operating Temp	-20°C to 45°C

Code	Lamp	Description
ASUWOLED/CW	LED	1W - Cool White
ASUWOLED/WW	LED	1W - Warm White

Accessories	ADK15W/24V	15W 24V LED Driver
	ADK60W/24V	60W 24V LED Driver
	AMCD25W	10 - 20W Multicurrent LED Driver



Project - Private Residential
Liverpool, UK

Turlock LED Inground Uplight

Supplied c/w Integral Driver



ATURWOLED/70



ATURWOLED/70/WW

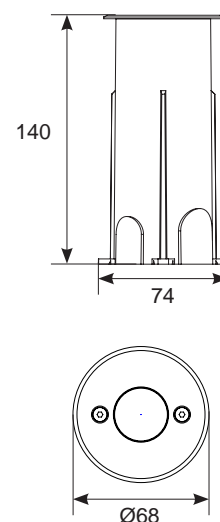


2-way Mini drive over cover



4-way Mini drive over cover

- Powerful compact LED inground uplight
- Exceeds performance of 50W Halogen
- Die-cast aluminium construction with 316L stainless steel top frame
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	3W
Lumens Delivered	
Cool White	135lm
Warm White	124lm
Lm/W	
Cool White	45lm
Warm White	41lm
Beam Angle	26°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ATURWOLED/70	LED	3W - Cool White
ATURWOLED/70/WW	LED	3W - Warm White

Accessories	ATURWOLED/70/2	2-Way Mini Drive Over Cover Accessory
	ATURWOLED/70/4	4-Way Mini Drive Over Cover Accessory





Project - Private Residential
Abersoch, UK

Turlock LED Inground Uplight

Supplied c/w Integral Driver



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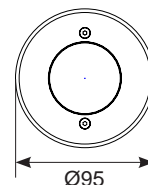
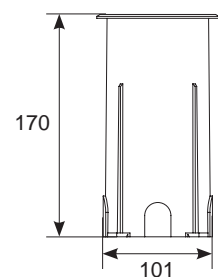


ATURWOLED/95



ATURWOLED/95/WW

- Powerful compact LED inground uplight
- Exceeds performance of 35W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	4W
Lumens Delivered	
Cool White	390lm
Warm White	301lm
Lm/W	
Cool White	97lm
Warm White	75lm
Beam Angle	21°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ATURWOLED/95	LED	4W - Cool White
ATURWOLED/95/WW	LED	4W - Warm White



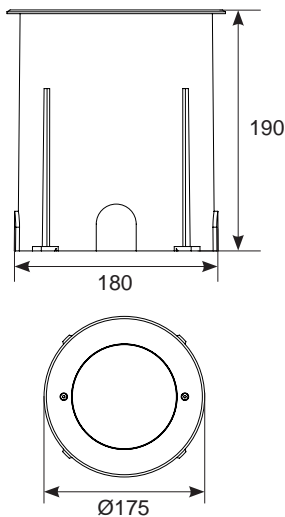
Turlock LED Inground Uplight

Supplied c/w Integral Driver



397

- High performance LED inground uplight
- Exceeds performance of 70W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	884lm
Warm White	785lm
Lm/W	
Cool White	110lm
Warm White	98lm
Beam Angle	18°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



ATURWOLED/175



ATURWOLED/175/WW

Code	Lamp	Description
ATURWOLED/175	LED	8W - Cool White
ATURWOLED/175WW	LED	8W - Warm White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Turlock LED Inground Uplight

Supplied c/w Integral Driver



Powered by

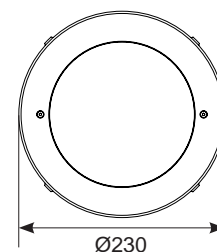
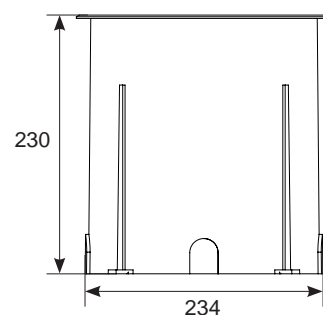


ATURWOLED/230



ATURWOLED/230/WW

- High performance inground uplight
- Exceeds performance of 70W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	19W
Lumens Delivered	
Cool White	2214lm
Warm White	2021lm
Lm/W	
Cool White	116lm
Warm White	106lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ATURWOLED/230	LED	19W - Cool White
ATURWOLED/230/WW	LED	19W - Warm White



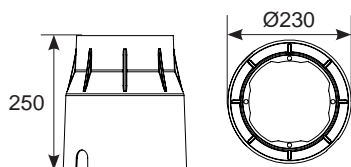
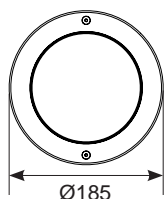
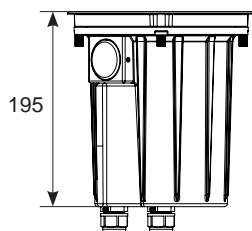
Fresno LED Adjustable Inground Uplight

Supplied c/w Integral Driver

- High performance LED adjustable inground uplight
- Exceeds performance of 35W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable



399



Installation Sleeve

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1092lm
Warm White	903lm
Lm/W	
Cool White	73lm
Warm White	60lm
Beam Angle	11°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C



Adjustable 30° beam angle

Code	Lamp	Description
AFRWOLED/185	LED	15W - Warm White
AFRWOLED/185/CW	LED	15W - Cool White



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



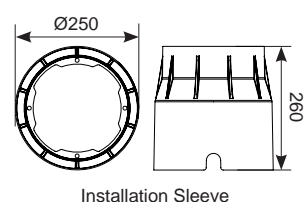
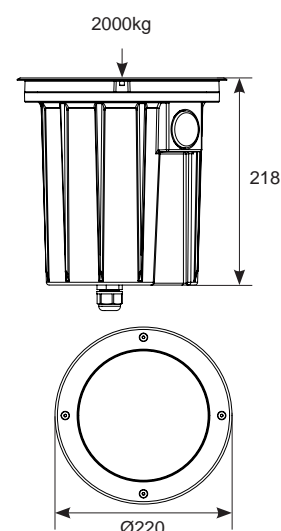
Fresno LED Adjustable Inground Uplight

Supplied c/w Integral Driver



Adjustable 30° beam angle

- High performance LED adjustable inground uplight
- Outperforms 70W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable



Installation Sleeve

LED Information

Total (Watts)	20W
Lumens Delivered	
Cool White	1076lm
Warm White	998lm
Lm/W	
Cool White	54lm
Warm White	50lm
Beam Angle	15°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AFRWOLED/220	LED	20W - Warm White
AFRWOLED/220/CW	LED	20W - Cool White

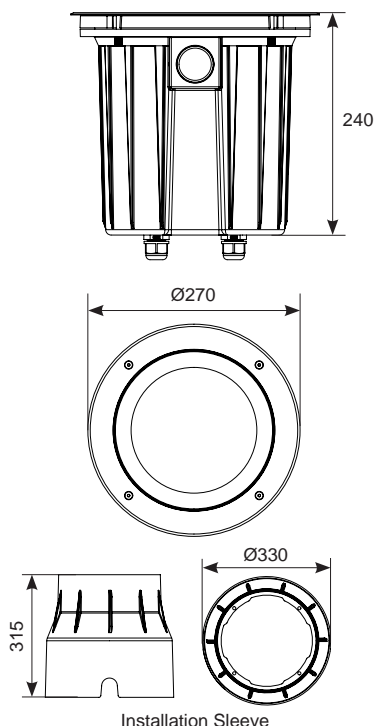
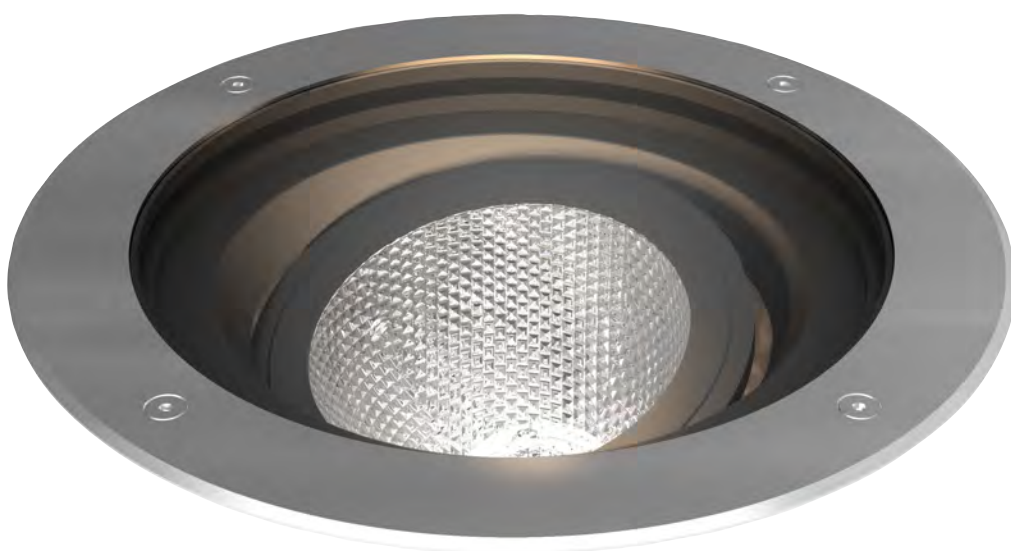
Fresno LED Adjustable Inground Uplight

Supplied c/w Integral Driver

- High performance LED adjustable inground uplight
- Exceeds performance of 70W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable



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Installation Sleeve

LED Information

Total (Watts)	30W
Lumens Delivered	
Cool White	1938lm
Warm White	1770lm
Lm/W	
Cool White	65lm
Warm White	59lm
Beam Angle	21°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C



Adjustable 30° beam angle

Code	Lamp	Description
AFRWOLED/270	LED	30W - Warm White
AFRWOLED/270/CW	LED	30W - Cool White



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Belfast: +44 (0) 2890 773750

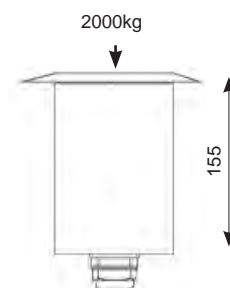
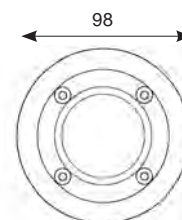


GU10/MR16 Inground Uplight

Supplied Less Lamp



- Supplied with both MR16 and GU10 lampholders
- Compact inground uplight which accepts 12V and mains halogen, CFL and LED lamps
- Housing in die-cast aluminium with clear toughened glass diffuser of 10mm thickness
- 316 stainless steel top ring and stainless steel allen key screws
- Suitable for light vehicular traffic with a static impact resistance of up to 2000kgs
- Supplied with recessed sleeve in high resistant thermoplastic



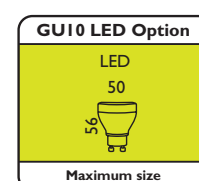
With Sleeve



Without Sleeve

Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.

Code	Lamp	Description
AWO50	GU10/MR16	50W



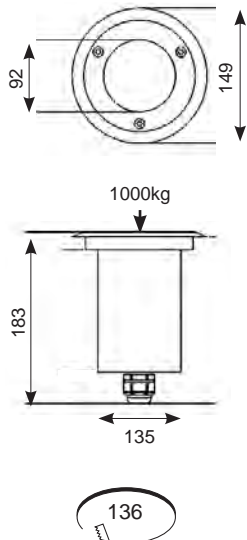
GU10 Adjustable Inground Uplight

Supplied Less Lamp



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- Die-cast aluminium housing with a clear toughened glass diffuser of 8mm thickness
- 304 stainless steel top ring and stainless steel allen key screws
- Adjustable lampholder to allow up to 15° vertical inclination of lamp
- Suitable for pedestrian traffic with a static impact resistance of up to 1000kgs



Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.



Code	Lamp	Description
AWO/GU10	GU10	50W

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