

2021

Issue One



Pro Fittings Guide 2021

Manufacturers of quality lighting since 1920



British Electric Lamps Ltd
www.belllighting.co.uk

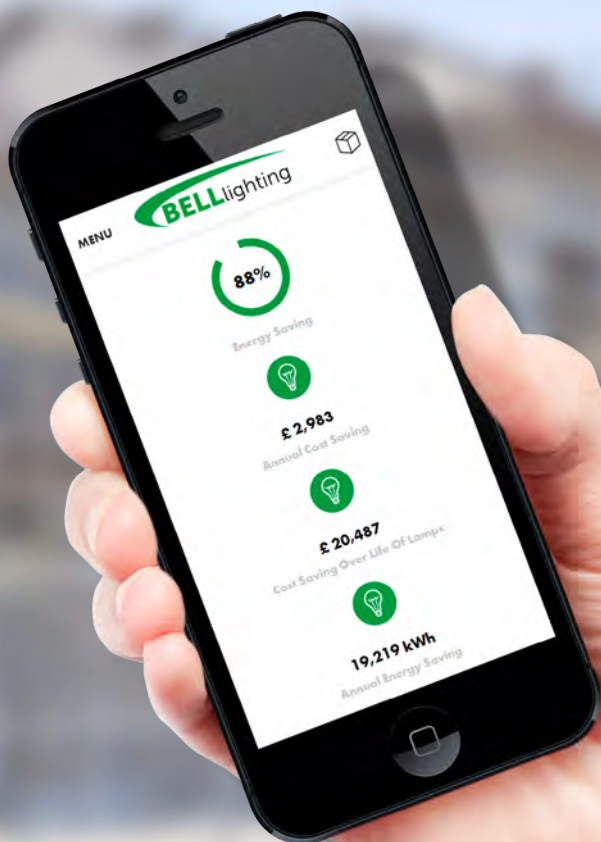


Energy Saving Calculations are now available whenever and wherever you are

BELL Lighting Energy Saving Calculator is a handy, easy to use tool for all lighting professionals. Simply enter your current and proposed lighting, along with electricity costs.

Hit calculate for full data including;

- Energy Saving
- Annual Cost Saving
- Savings Over Life Of Lamps
- Annual Energy Saving
- CO₂ Saving
- Built in option for control gear calculations





Lighting Design, a dedicated team of specialist engineers ready to help

Our team of professional lighting designers and engineers have over 50 years of experience in the lighting industry. We know the importance of good lighting design and the benefits a lighting engineer will bring to a project. Our lighting design service ensures correct light levels are achieved in compliance with current regulations.

Our specialised knowledge of lighting and lighting control systems provides a smooth hassle free process, delivering beautiful energy saving lighting solutions on time and on budget.

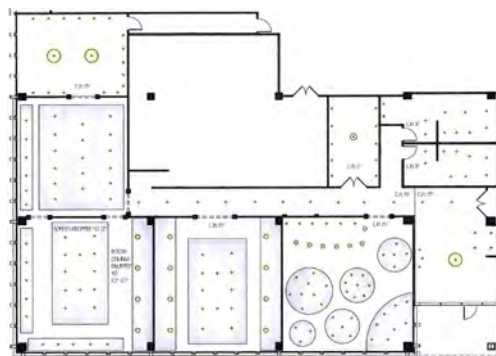


Working within the UK and internationally, the lighting team have established a reputation for designing a broad range of exciting projects of all sizes, from single rooms through to partnerships with multi-disciplined design teams on large infrastructure projects.

We are a responsive and fast moving team who can manage the complete lighting design process from concept through to the tender & supply

For all internal, external & emergency projects contact:

lightingdesign@belllighting.co.uk



technical@belllighting.co.uk
sales@belllighting.co.uk



The BELL Difference - Research, Quality Control & Testing Facilities

British Electric Lamps Ltd. was established in 1920 and has built a reputation within the industry for manufacturing quality products and providing excellent service to our customers.

British Electric Lamps Research and Development department was established in 2012, this was augmented by the Lighting Laboratory and the Quality Control/Quality Assurance facility in 2013.

Secure Life Testing Area situated on-site next to the National Distribution Centre, batch tests all manufactured items to ensure continuity to life standards.



All products manufactured by British Electric Lamps undergo a stringent set of quality control procedures, carried out in accordance with the latest standards.

Be assured that when you choose BELL lamps or fittings you are getting the most energy efficient units available today, saving you money, energy and reducing your carbon footprint.



The Photometric Sphere tests all lamp output data; lumens, spectrum, colour temperature, power factor and actual power. This allows availability of photometric data and illumination data for lighting design schemes.



Thermal Imaging Cameras are used to ensure correct operation and thermal management of LED products. Thermal management is essential for LED products to prevent limited lamp life and lumen depreciation.



Extreme Electrical Conditions tests are carried out on each batch of our LED lamps in line with EN 62560:2012. All of the electrical safety tests are carried out after the lamps have aged at 35°C and 95% relative humidity in our environmental chamber.



Needle Flame Tests ensure that all insulating parts in lamps and fixtures are flame retardant.



Post production QC testing & inspection to ensure safe current protection of the product.



Circuit Overload Protection and circuit wattage is tested on product batches to ensure safety and compliance to EN60598.



Extensive Dimmer Compatibility Testing is performed on all LED products to ensure performance of smooth dimming, high loading compatibility and overall stability.



Cap Torque Test, calibrated torque test is carried out on all lamps to ensure products retain cap strength before and after life testing.



Glow Wire Test is performed on all lamps and fixtures to ensure that construction materials are self extinguishing.



BELL celebrates over 100 years in business 1920-2021!

In May 1920 Edwin Grote, founder, established an incandescent lamp factory in Wimbledon, London manufacturing unique incandescent decorative light sources. The company is still completely owned by Chairman Michael Grote and Managing Directors Trevor & Ralph Grote.

1940

During World War 2 the lamp making machinery was converted to produce components for the military to help fight against the German war machine.

2013

New laboratory and Quality Control facility built on-site in Normanton to meet requirements for new stringent EU safety and performance standards.

1920

Mr E R Grote, Founder, established an incandescent lamp factory in Wimbledon, manufacturing unique incandescent decorative lights.

1980

A national distribution centre was established in West Yorkshire to facilitate national next day delivery across the UK and Southern Ireland.

2020

Further expansion of the warehousing capacity along with a state of the art showroom, conference facility & hospitality centre.





2021 Expansion

Moving forward into the new decade.

Due to continued growth, BELL Lighting have expanded into additional warehousing facilities in the heart of West Yorkshire. With a combined 100,000 square feet, and stocking over 1800 individual product lines, BELL Lighting are able to deliver on time and on budget with our next day delivery service as standard.

To celebrate our centenary year, we have created our new state of the art conference facility, product showroom and entertainment suite. With the ability to cater for up to 50 people, this is the perfect venue for hosting conferences, meetings and product training sessions. Post event, our entertainment suite is the perfect place to unwind and take a well-earned break. Showcasing the stunning effects Smart Lighting can create in any bar, hotel or restaurant, this is an ideal atmosphere for networking with colleagues and the BELL team.





Warranties and Guarantees

Offering quality products and service has been our mission since inception in 1920. We are still a family owned British company who pride ourselves on our original values of; outstanding innovation for lighting products & providing lighting solutions for our customers.

We have such confidence in our products, that we are now proudly offering up to a 10 year warranty, on all LED products accompanied with 2 year on site support across an extensive range of LED Fixtures. Our transparent warranties and no quibble 2 year support package has propelled us to the forefront of the market while ensuring our customers are backed by the very best support.

You can be assured that with the above guarantee, product life of up to 50,000 hours and on site support your BELL lamps and fittings offer a comprehensive 'fit and forget' solution. Saving energy, CO₂ emissions and the costs associated with maintaining old inefficient units.



3, 5, 7 & 10 Year Guarantee

Bell Lighting will repair or replace any product that fails to operate normally within a 3, 5, 7 or 10 year period (dependent on individual product warranty) from the date of purchase.

2 Year On-Site Warranty

In the event that a product covered by the 2 year On-Site Warranty fails within 2 years of the purchase date Bell Lighting will, where possible, authorise the installer to replace the failed product and reimburse fair and reasonable costs. In the event that agreement can not be reached Bell Lighting engineers will carry out the repair or replacement.

In addition to our extended warranty period, all BELL lighting fittings are rated L80B10, with a 50,000 hour product life. All fittings will still have 80% as a minimum of initial lumens, only 10% as a maximum, may fail to achieve this.



The warranty shall be void in the following circumstances:-

- Non-compliance with installation and safety regulations given in the installation instructions
- Modification or repair of any product by the installer, end user or anyone unauthorised to do so
- Improper use or installation, damage by accident or neglect, of any product by the installer, end user or any third party
- If the product is operated outside of the stated operating temperature of the lamp or luminaire.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio ³ Subject to terms & conditions

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this



Customer Rewards Scheme

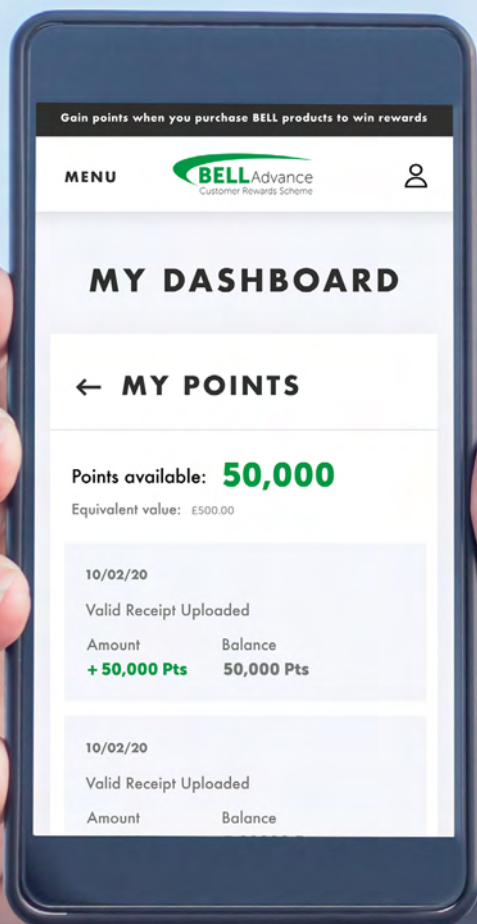


As a thank you, we have launched our brand new BELL Advance Customer Rewards Scheme. Our aim is to reward loyalty, the more you spend, the more we give back to you, the contractor.

All you have to do is follow these 3 simple steps:

- 1** Register at www.belladvance.co.uk and receive your complimentary reward points along with automatic entry to our monthly prize draw.
- 2** Buy BELL Lighting Products & collect points, take a photo of your invoice and upload.
- 3** Redeem once you have accumulated your well-earned points, simply redeem your rewards in the form of retail vouchers, emailed direct to your inbox.

See above website for full terms & conditions



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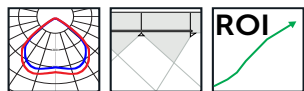
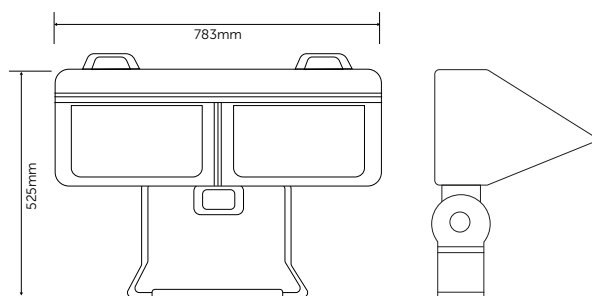




Asymmetric LED Floodlight

Skyline Elite+ represents the latest technology in sports floodlighting. Modern aesthetic, die-cast aluminium construction with asymmetrical high output and high efficiency light distribution. Perfect for large external sports facilities or industrial applications, complete with fully adjustable mounting bracket for precise light direction. Light shielding helps avoid light trespass, giving this unit a 0% ULOR rating.

- 1200W Asymmetric Floodlight
- Genuine replacement for 2000W Metal Halide
- 126 Lm/W
- IP66
- Fully adjustable mounting bracket
- Angle markings for easy alignment
- Asymmetric 0% ULOR
- Low weight & windage when compared with HID luminaires



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Asymmetric LED Floodlight

Technical Specification	
Construction	Die Cast LM6 Aluminium & Polycarbonate lens
Driver	Inventronics 1-10V Dim
LED Chip	Sosen
IP Rating	IP66
Operating Temp	-30°C to +35°C
Input Voltage	100 - 277V (277 - 440V special order)
Power Factor	> 0.9
CRI	80 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Weight	28.8 Kg
Windage	0.21M ²

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this

Code	V	W	Description	Lm	Peak Intensity	Temp	Lm/W	Hours
10760	100-277	1200	Asymmetric LED Floodlight	151200	1241.50 cd/klm @ 71°	4000K	126	70000

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 70 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



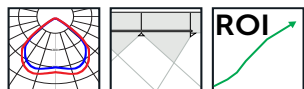
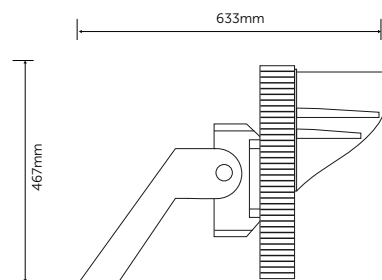




Symmetric LED Floodlight

Skyline Elite+ represents the latest technology in sports floodlighting. Modern aesthetic, die-cast aluminium construction. With IP66 and low windage ratings this unit can handle the worst weather conditions. Perfect for large external sports facilities or industrial applications, complete with a fully adjustable mounting bracket.

- 600W Symmetric Floodlight
- Genuine replacement for 1500W Metal Halide
- Up to 155 Lm/W
- IP66
- Visor for low upward light
- Low weight & windage when compared with HID luminaires
- Fully adjustable mounting bracket
- Angle markings for easy alignment



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Symmetric LED Floodlight

Technical Specification	
Construction	Die Cast LM6 Aluminium & Polycarbonate lens
Driver	Inventronics 1-10V Dim
LED Chip	Sosen
IP Rating	IP66
Operating Temp	-30°C to +35°C
Input Voltage	100 - 277V (277 - 440V special order)
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Weight	18.6 Kg
Windage	0.11M ²

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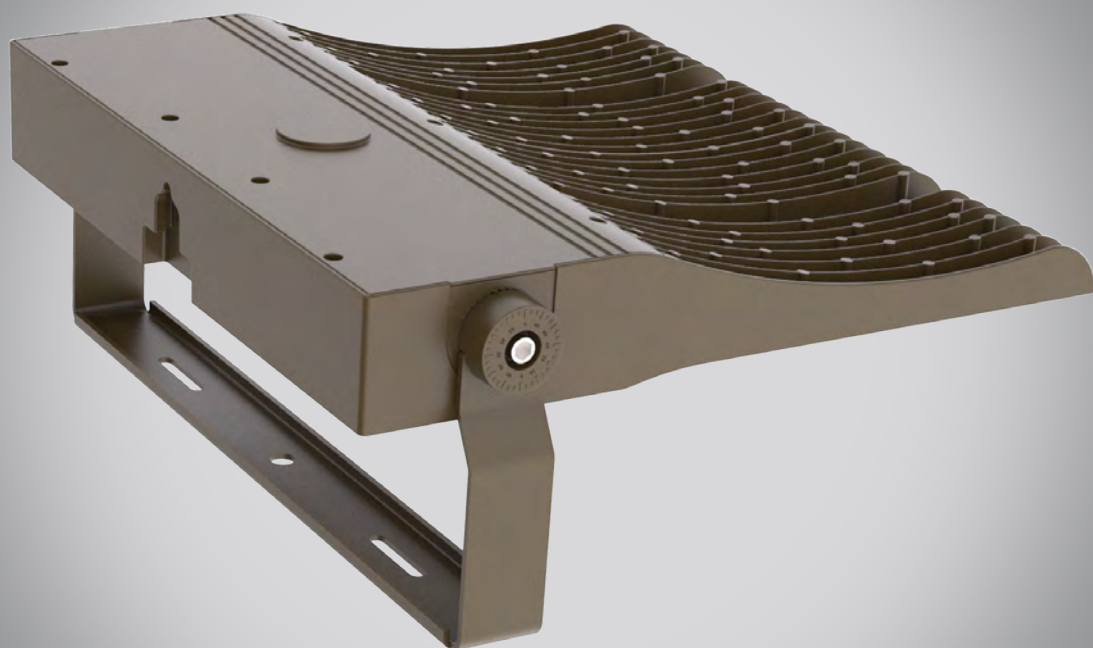
Code	V	W	Description	Lm	Peak Intensity	Temp	Lm/W	Hours
10770	100-277	600	Symmetric LED Floodlight 60°	89000	1192.90 cd/klm @ 10°	4000K	148	70000
10771	100-277	600	Symmetric LED Floodlight 30°	93000	2460.60 cd/klm @ 0°	4000K	155	70000

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 70 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)







High Output Asymmetric LED Floodlight

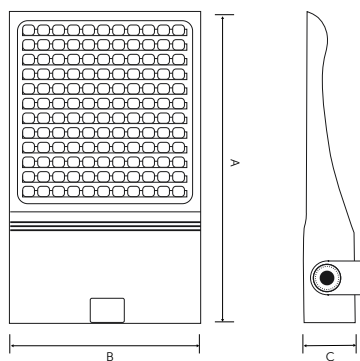
Skyline Elite+ represents the latest technology in sports floodlighting. Modern aesthetic, die-cast aluminium construction. With IP66 and low windage ratings this unit can handle the worst weather conditions. Perfect for large external sports facilities or industrial applications, complete with a fully adjustable mounting bracket.

- Genuine replacement for up to 1500W Metal Halide Floodlight
- Perfect for sports, building facade's, landscape, security & car park lighting
- Asymmetric distribution, low light pollution
- Up to 145 Lm/W
- Aerodynamic, streamlined design for reduced windage
- Fully encapsulated IP66 TUV certified driver
- Nichia GRT-V1 LED
- Fully adjustable mounting bracket

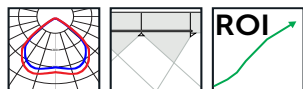
300W \equiv 600W SON MH Energy Saving 50%

450W \equiv 1000W SON MH Energy Saving 55%

600W \equiv 1500W MH Energy Saving 65%



	300W	450W	600W
A	571mm	621mm	621mm
B	322mm	601mm	601mm
C	94mm	104mm	104mm



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High Output Asymmetric LED Floodlight

Technical Specification	
Construction	Polyester coated die-cast LM6 Marine Grade aluminium & toughened safety glass
Driver	Sosen (1-10V dimmable)
LED Chip	Nichia GRT-V1
IP Rating	IP66
Operating Temp	-30°C to +45°C
Input Voltage	100 - 277V (277 - 440V special order)
Power Factor	> 0.9
CRI	80 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Windage	300W 0.18M ² / 450W 0.37M ² / 600W 0.37M ²
Weight	300W - 8.4Kg / 450W - 16.5Kg / 600W - 18Kg

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this

Code	V	W	Description	Lm	Peak Intensity	Temp	Lm/W	Hours
08867	110-277	300	Skyline Elite+ Asymmetric Floodlight IP66 Type 2	43500	471.10 cd/klm @ 36°	4000K	145	70000
08868	110-277	300	Skyline Elite+ Asymmetric Floodlight IP66 Type 3	43500	488.20 cd/klm @ 44°	4000K	145	70000
08869	110-277	300	Skyline Elite+ Asymmetric Floodlight IP66 Type 4	43500	523.40 cd/klm @ 58°	4000K	145	70000
08870	110-277	450	Skyline Elite+ Asymmetric Floodlight IP66 Type 2	62250	459.60 cd/klm @ 32°	4000K	138	70000
08871	110-277	450	Skyline Elite+ Asymmetric Floodlight IP66 Type 3	62250	488.30 cd/klm @ 44°	4000K	138	70000
08872	110-277	450	Skyline Elite+ Asymmetric Floodlight IP66 Type 4	62250	500.50 cd/klm @ 58°	4000K	138	70000
08873	110-277	600	Skyline Elite+ Asymmetric Floodlight IP66 Type 2	87000	474.60 cd/klm @ 32°	4000K	145	70000
08874	110-277	600	Skyline Elite+ Asymmetric Floodlight IP66 Type 3	87000	488.20 cd/klm @ 44°	4000K	145	70000
08875	110-277	600	Skyline Elite+ Asymmetric Floodlight IP66 Type 4	87000	546.50 cd/klm @ 60°	4000K	145	70000

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 70 for Colour Rendering Index

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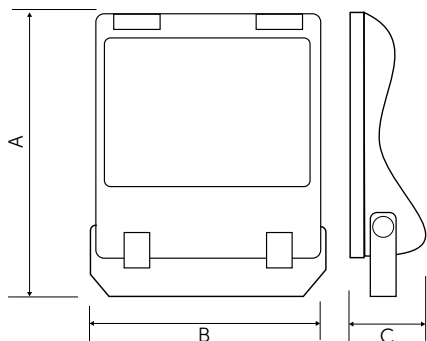


Asymmetric/Symmetric LED Floodlight

Designed and engineered in the UK specifically to meet the requirements for sports lighting and to reduce light pollution levels. The Skyline Elite is a high specification floodlight with a 70,000 hour lifespan, 7 year guarantee and 2 year on site warranty.

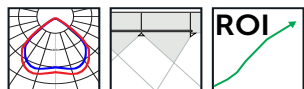
- Genuine replacement for 250/400/600W Metal Halide/Sodium Floodlight
- Perfect for sports, building facade's, landscape, security & car park lighting
- Asymmetric distribution, low light pollution (Asymmetric version)
- Up to 133 Lm/W
- Surge protected 10,000V (250/240W) & 4000V (80W) for lightning protection
- Cool White
- Aerodynamic, streamlined design for reduced windage
- Fully encapsulated IP66 TUV certified driver
- Nichia GRT-V1 LED / Meanwell Driver
- Long life 70,000 hours (L80 B10 @ 25°C)
- Robust construction IP66
- Standard universal mounting bracket
- Supplied pre-flexed (1.5M), tool free entry and construction for simple and quick installation
- Air pressure equalisation feature to eliminate capillary effect

80W \equiv 250 W MH/SON Energy Saving 68%	150W \equiv 400 W MH/SON Energy Saving 63%	240W \equiv 600 W MH/SON Energy Saving 60%
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	80W	150W	240W
A	360mm	325mm	418mm
B	265mm	413mm	452mm
C	82mm	83mm	87mm

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio
² Exceeds EU standard of RA 80 for Colour Rendering Index
³ Subject to terms & conditions (Contact Customer Service)



SkylineELITE

Technical Specification

Construction	Polyester coated die-cast LM6 Marine Grade aluminium & toughened safety glass
Driver	Sosen
LED Chip	Nichia GRT-V1
IP Rating	IP66
Operating Temp	-30°C to +35°C
Input Voltage	100 - 264V
Power Factor	> 0.9
CRI	80 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Windage	80W 0.1M ² / 150W 0.12M ² / 240W 0.2M ²
Weight	80W - 4.6Kg / 150W - 6.8Kg / 240W - 8.9Kg

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this

Code	V	W	Description	Lm	Peak Intensity	Temp	Lm/W	Hours
08850	110-264	80	Skyline Elite Symmetric	10000	1331.60 cd/klm @ 10°	4000K	125	70000
08851	110-264	80	Skyline Elite Asymmetric	10000	500.00 cd/klm @ 54°	4000K	125	70000
08852	110-264	80	Skyline Elite 30°	10000	2562.40 cd/klm @ 0°	4000K	125	70000
08853	110-264	80	Skyline Elite 15°	10000	5005.70 cd/klm @ 0°	4000K	125	70000
08854	110-264	150	Skyline Elite Symmetric	20000	1377.20 cd/klm @ 8°	4000K	133	70000
08855	110-264	150	Skyline Elite Asymmetric	20000	483.00 cd/klm @ 54°	4000K	133	70000
08856	110-264	150	Skyline Elite 30°	20000	2512.60 cd/klm @ 0°	4000K	133	70000
08857	110-264	150	Skyline Elite 15°	20000	4800.10 cd/klm @ 0°	4000K	133	70000
08858	110-264	240	Skyline Elite Symmetric	30000	1338.80 cd/klm @ 10°	4000K	125	70000
08859	110-264	240	Skyline Elite Asymmetric	30000	501.80 cd/klm @ 50°	4000K	125	70000
08860	110-264	240	Skyline Elite 30°	30000	1566.50 cd/klm @ 0°	4000K	125	70000
08861	110-264	240	Skyline Elite 15°	30000	4587.00 cd/klm @ 0°	4000K	125	70000

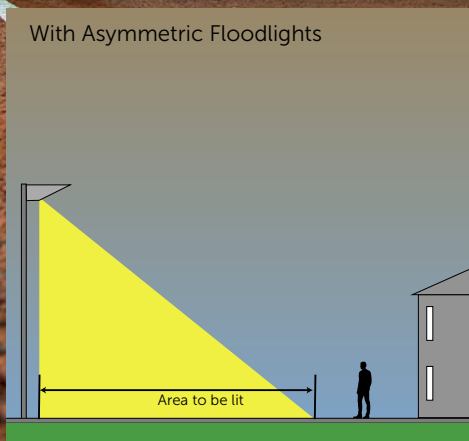
¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 70 for Colour Rendering Index

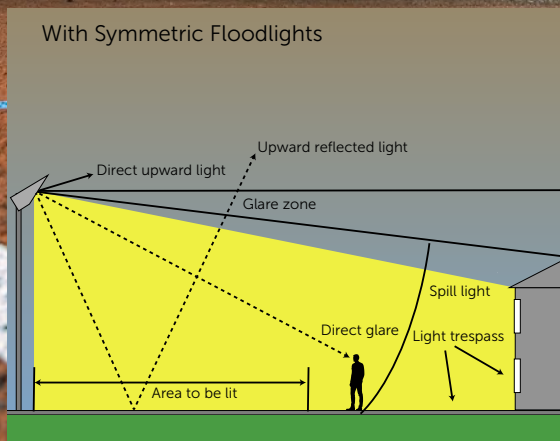
³ Subject to terms & conditions (Contact Customer Service)



With Asymmetric Floodlights



With Symmetric Floodlights







LED Wallpack

Designed to be used where the aesthetics of the light fitting, along with a tough robust construction is needed. The fittings are IP65 and IK8 compliant, supplied complete with an opal diffuser for even light distribution. Available in emergency and non emergency versions, the latter having a super-slim profile.

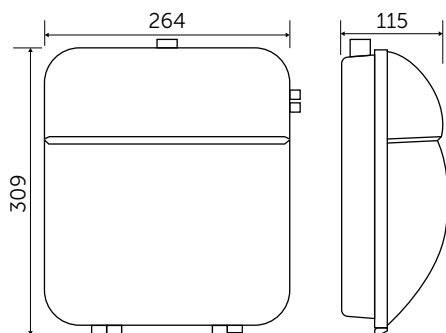
- Genuine replacement for 70W Metal Halide & Sodium
- Fully encapsulated IP65 TUV Certified Driver
- High impact polycarbonate lens
- Up to 65% energy saving
- 50000 hours

Options

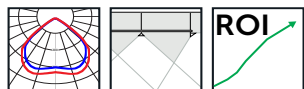
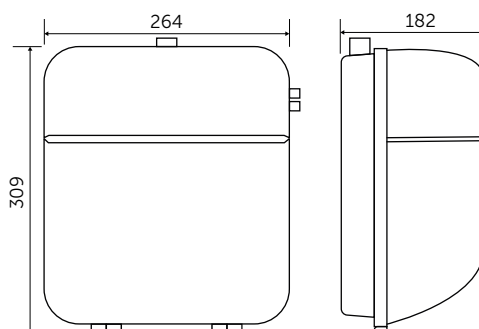
- Photocell version complete with Lucy Zodion miniature photocell (55 lux)
- Emergency / Emergency Photocell version
- Asymmetric product available on request



04425 Standard Version
04428 Photocell Version 30W



04419 Emergency Version
04417 Emergency / Photocell Version 30W





LED Wallpack

Technical Specification	
Construction	Die Cast Aluminium Base / PVC Cover
Driver	Sosen
LED Chip	Samsung
IP Rating	IP65
Operating Temp	-30°C to +35°C / Emergency version minimum temperature -5°C
Input Voltage	100 - 240V (Photocell and emergency versions 240V only)
Power Factor	> 0.9
CRI	80 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this

Code	V	W	Description	Lm	Lm/W	Viewing Angle	Temp	Hours
04425	110/240	30	Skyline Pro LED Wallpack	2550	85	120°	4200K	50000
04428	240	30	Skyline Pro LED Wallpack Photocell version	2550	85	120°	4200K	50000
04419	240	30	Skyline Pro LED Wallpack Emergency version	2550	85	120°	4200K	50000
04417	240	30	Skyline Pro LED Wallpack Emergency Photocell version	2550	85	120°	4200K	50000

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 70 for Colour Rendering Index

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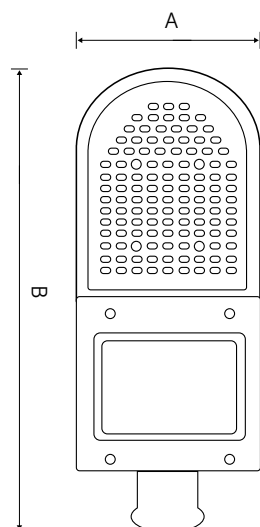




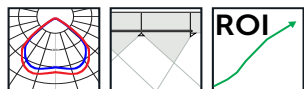
LED Street Light

The Strada LED Street light offers flexibility, it is suitable for use in many locations, including rural towns, car parks and access roads. A precision lens system directs light only where it is needed, reducing overspill. Three wattages for a variety of applications, robust weatherproof construction with IP66 and IK8 rating.

- Ideal for car parks and pedestrian walkways to ensure safe passage of visitors and staff
- Cool White
- Reduced light pollution
- Precision lens system directs light only where it is needed, reducing overspill
- Long life 50000 hours
- Aerodynamic design for reduced windage
- 60mm Side entry
- Nema socket with blanking plug options



	30W	50W	70W
A	166mm	166mm	202mm
B	478mm	478mm	507mm
Depth	81mm	81mm	88mm



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LED Street Light

Technical Specification	
Construction	Die Cast Marine Grade Aluminium, polycarbonate lens
Driver	Sosen
LED Chip	Samsung
IP Rating	IP66
Operating Temp	-30°C to +35°C
Input Voltage	100-264V
Power Factor	> 0.9
CRI	80 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Windage	30W 0.07M ² / 50W 0.07M ² / 70W 0.095M ²

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Code	V	W	Lm	Description	Temp	Hours
10753	100-264	30	3900	30W Strada LED Street Light - IP66, Nema Socket	4000K	50000
10754	100-264	50	6500	50W Strada LED Street Light - IP66, Nema Socket	4000K	50000
10755	100-264	70	9100	70W Strada LED Street Light - IP66, Nema Socket	4000K	50000
31139	-	-	-	Strada Photocell	-	-

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² Exceeds EU standard of RA 70 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



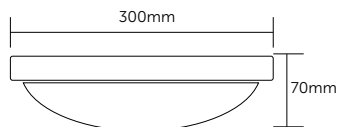




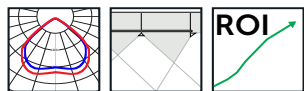
IP65 LED Bulkhead

The Oberon IP65 LED Bulkhead is a sleek bulkhead supplied with a matt black bezel. This anti-corrosive bulkhead is suitable for BESA box mounting with the option to add a variety of interchangeable bezels.

- Anti-corrosive polycarbonate body
- Standard / Emergency Version / Microwave Version / Emergency Microwave Version
- Supplied with black bezel
- No maintenance / lamp replacement
- 8M Detection range on sensor versions
- 50000 Hours
- 20mm side, bottom & top entry
- Eyelid and louvre bezels available



Easy Fit bezel accessories





IP65 LED Bulkhead

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Technical Specification	
Construction	Polycarbonate
Driver	BELL
LED Chip	Samsung
IP Rating	IP65
Operating Temp	-20°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this

Code	V	W	Temp	Lm	Description	Hours
10600	240	20	4000K	1800	Oberon LED Bulkhead, with black bezel	50000
10601	240	20	4000K	1800	Oberon LED Bulkhead Emergency, with black bezel	50000
10602	240	20	4000K	1800	Oberon LED Bulkhead M/W Sensor, with black bezel	50000
10603	240	20	4000K	1800	Oberon LED Bulkhead Emergency M/W Sensor, with black bezel	50000
10607	-	-	-	-	White Bezel, (optional accessory)	-
10608	-	-	-	-	Silver Bezel, (optional accessory)	-
10609	-	-	-	-	Black Eyelid, (optional accessory)	-
10610	-	-	-	-	White Eyelid, (optional accessory)	-
10611	-	-	-	-	Silver Eyelid, (optional accessory)	-
10612	-	-	-	-	Black Louvre, (optional accessory)	-
10613	-	-	-	-	White Louvre, (optional accessory)	-
10614	-	-	-	-	Silver Louvre (optional accessory)	-

Microwave Max Operating Height 3.2m

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 70 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)





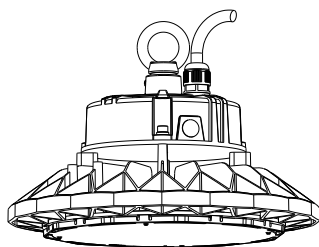
Illuminaslim

LED High Bay

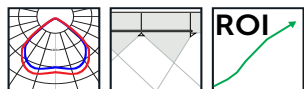
The Illumina Slim high bay is a highly efficient versatile LED luminaire, ideally suited to a wide range of industrial applications for both new installations and retrofit applications.

- 1-10V dimming as standard
- Seoul Semiconductor LED
- Integrated microwave sensor versions available
- Sensor parameters can be set by optional remote control (sensor versions)
- High ambient temperature version also available on request
- Genuine Replacement for 250W/400W/600W Metal Halide or Sodium
- Perfect for warehousing, large retail and factories
- Emergency options available
- Self Test options available

100W \equiv 250W MH/SON Energy Saving 60%	150W \equiv 400W MH/SON Energy Saving 63%	200W \equiv 600W MH/SON Energy Saving 66%
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	100W	150W	200W
Diameter	250mm	250mm	280mm
Height	173mm	203mm	203mm



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LED High Bay

Technical Specification

Construction	Die Cast Aluminium
Driver	Sosen
LED Chip	Seoul
IP Rating	IP65
Operating Temp	-30°C to +35°C / Emergency version minimum temperature -5°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Weight	100W 2.15Kg / 100W Sensor 2.78Kg / 150W 2.9Kg / 150W Sensor 3.53Kg 200W 2.9Kg / 200W Sensor 3.53Kg

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description	Lm	Temp	Hours
08900	100	Illumina Slim 100W LED Highbay 120° lens	14000	4000K	50000
08902	100	Illumina Slim 100W LED Highbay 90° lens	14000	4000K	50000
08901	150	Illumina Slim 150W LED Highbay 120° lens	21000	4000K	50000
08903	150	Illumina Slim 150W LED Highbay 90° lens	21000	4000K	50000
08917	200	Illumina Slim 200W LED Highbay 120° lens	28000	4000K	50000
08916	200	Illumina Slim 200W LED Highbay 90° lens	28000	4000K	50000
08904	100	Illumina Slim 100W LED High/Low Bay 120° lens + Sensor	14000	4000K	50000
08906	100	Illumina Slim 100W LED High/Low Bay 90° lens + Sensor	14000	4000K	50000
08905	150	Illumina Slim 150W LED High/Low Bay 120° lens + Sensor	21000	4000K	50000
08907	150	Illumina Slim 150W LED High/Low Bay 90° lens + Sensor	21000	4000K	50000
08919	200	Illumina Slim 200W LED High/Low Bay 120° lens + Sensor	28000	4000K	50000
08918	200	Illumina Slim 200W LED High/Low Bay 90° lens + Sensor	28000	4000K	50000
08970	-	Prismatic Reflector	-	-	-
08971	-	Aluminium Reflector	-	-	-
08962	-	Remote control	-	-	-
90336	-	Illumina Slim Mounting Bracket	-	-	-

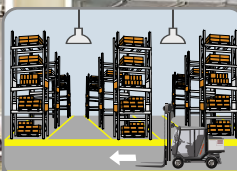


Optional infra-red remote control available for sensor versions

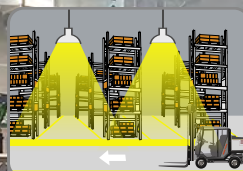
Quick and easy adjustment for multiple fittings; dimming level, presence detection, light levels & automatic on-off time. Average 15M range.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio
² Exceeds EU standard of RA 70 for Colour Rendering Index
³ Subject to terms & conditions (Contact Customer Service)

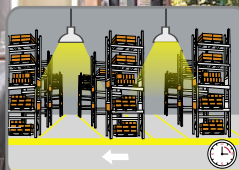
3 Step Dimming Function



With sufficient natural light, the fitting does not switch on when presence is detected.



With insufficient natural light, the sensor switches on automatically when presence is detected.



After the hold-time, the sensor dims the fitting to the pre-set low light level if no motion is detected.



Fitting switches off after the stand-by period has elapsed if no motion is detected.

Meadows and Byrne: BELL Illumina Slim High Bay Fittings

Over the life of the fittings, Meadows and Byrne could save £169,916 in energy costs, energy saving 63%

- Annual Energy Saving 24,024kWh
- Annual CO₂ Saving 13,453kg
- Annual Maintenance Saving £500

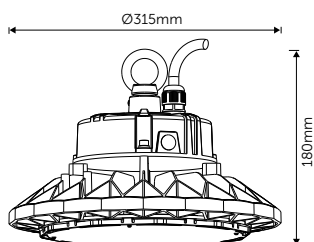




Switchable Wattage LED High Bay

The Illumina Slim Switchable High Bay is a highly efficient versatile LED luminaire, ideally suited to a wide range of industrial applications for both new installations and retrofit applications.

- 100/120/150/200 Switchable Wattages
- 1-10V dimming as standard
- Seoul Semiconductor LED
- Integrated microwave sensor versions available
- Sensor parameters can be set by optional remote control (sensor versions)
- High ambient temperature version also available on request
- Genuine Replacement for 250W/400W/600W Metal Halide or Sodium
- Perfect for warehousing, large retail and factories
- Emergency options available
- 145 Lm/W



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Switchable Wattage LED High Bay

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Technical Specification

Construction	Die Cast Aluminium
Driver	LiFud
LED Chip	Seoul Semiconductor
IP Rating	IP65
Operating Temp	-30°C to +35°C / Emergency version minimum temperature -5°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Weight	3.3Kg

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description	Lm	Temp	Hours
08985	100/120/150/200	100-240W Illumina Slim Switchable IP65 High/Low Bay Base Unit - 120° Lens,	14500/17400/21750/29000	4000K	50000
08986	100/120/150/200	100-240W Illumina Slim Switchable IP65 High/Low Bay Base Unit - 90° Lens,	14500/17400/21750/29000	4000K	50000
08988	-	Aluminium Reflector for above	-		
08989	-	Polycarbonate Reflector for above	-		
08992	-	PIR for above	-		
08993	-	Microwave Sensor for above	-		
06772	-	Remote Control for above (Microwave Sensor Version)	-		

Remote control is required for 08992 & 08995

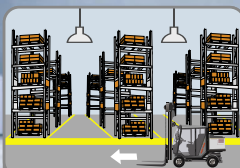
¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio
² Exceeds EU standard of RA 70 for Colour Rendering Index
³ Subject to terms & conditions (Contact Customer Service)



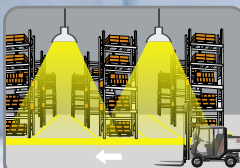
Optional infra-red remote control available for sensor versions

Quick and easy adjustment for multiple fittings; dimming level, presence detection, light levels & automatic on-off time. Average 15M range.

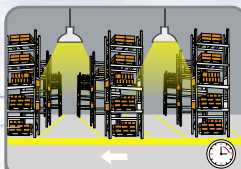
3 Step Dimming Function



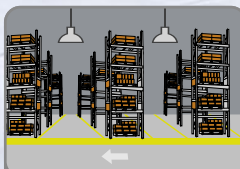
With sufficient natural light, the fitting does not switch on when presence is detected.



With insufficient natural light, the sensor switches on automatically when presence is detected.



After the hold-time, the sensor dims the fitting to the pre-set low light level if no motion is detected.



Fitting switches off after the stand-by period has elapsed if no motion is detected.



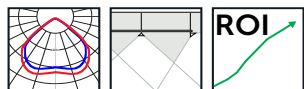
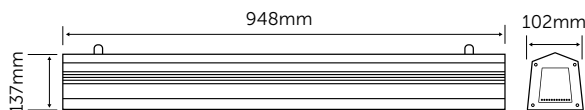


LED High Intensity High/Low Bay

The Illumina Linear offers a sleek design coupled with high performance. Perfect for high ceiling warehouses, industrial facilities, exhibition centres, shopping malls & stadiums.

- Genuine replacement for 400W Metal Halide
- Perfect for racking, warehouse, large retail and factories
- TUV Isolated Driver
- 1-10V dimming as standard
- Suitable for High Bay and Low Bay applications 4-12m
- Built-in adjustable motion sensor (sensor versions)
- Sensor parameters can be set by optional remote control (sensor versions)
- High efficiency up to 130Lm/w
- Specially designed for warehouse aisles with the fitting's rectangular lighting patterns
- Long and narrow patterns not only contribute to lighting lux levels but also give improved uniformity
- Emergency options available
- Self Test options available

200W \equiv 400W MH/SON Energy Saving 50%



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luminaLinear

LED High Intensity High/Low Bay

Technical Specification	
Construction	Extruded Aluminium
Driver	Sosen
LED Chip	Seoul
IP Rating	IP65
Operating Temp	-30°C to +35°C / Emergency version minimum temperature -5°C
Input Voltage	110-264V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Weight	7.0Kg

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description	Lm	Temp	Hours
08950	200	200W Illumina Linear High Rack 30x70°	26000	4000K	50000
08951	200	200W Illumina Linear Low Rack 40x120°	26000	4000K	50000
08952	200	200W Illumina Linear High Open Area 90°	26000	4000K	50000
08953	200	200W Illumina Linear Low Open Area 120°	26000	4000K	50000
08954	200	200W Illumina Linear High Rack & Sensor 30x70°	26000	4000K	50000
08955	200	200W Illumina Linear Low Rack & Sensor 40x120°	26000	4000K	50000
08956	200	200W Illumina Linear High Open Area & Sensor 90°	26000	4000K	50000
08957	200	200W Illumina Linear Low Open Area & Sensor 120°	26000	4000K	50000
08962	-	Remote control	-	-	-



Optional infra-red remote control available for sensor versions

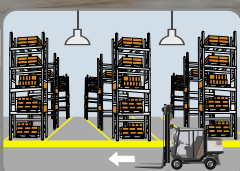
Quick and easy adjustment for multiple fittings; dimming level, presence detection, light levels & automatic on-off time. Average 15M range.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

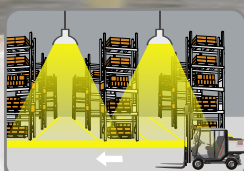
² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)

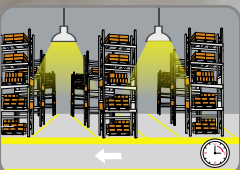
3 Step Dimming Function



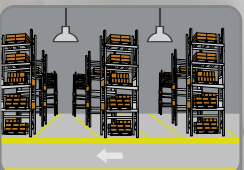
With sufficient natural light, the fitting does not switch on when presence is detected.



With insufficient natural light, the sensor switches on automatically when presence is detected.



After the hold-time, the sensor dims the fitting to the pre-set low light level if no motion is detected.



Fitting switches off after the stand-by period has elapsed if no motion is detected.



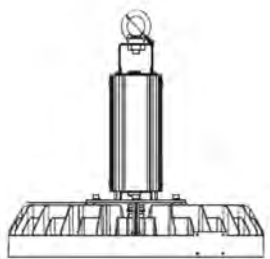
Illuminacalor

LED High Bay

The Illumina Calor offers a sleek design coupled with high performance. With a high ambient temperature rating of 65°C, this fitting is perfect for applications where extreme high temperatures are encountered eg; foundries, steelworks and bottling plants.

- Philips Isolated Driver
- 1-10V dimming as standard
- Philips Lumileds LED
- Sensor versions available
- Sensor parameters can be set by optional remote control (sensor versions)
- High ambient temperature version 65°C
- Genuine Replacement for 250W/400W/600W Metal Halide or Sodium

100W \equiv 250W MH/SON Energy Saving 60%	150W \equiv 400W MH/SON Energy Saving 63%	200W \equiv 600W MH/SON Energy Saving 66%
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	100W	150W	250W
Diameter	360mm	360mm	360mm
Height	309mm	309mm	387mm

luminacalor

LED High Bay

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Technical Specification

Construction	Die Cast Aluminium
Driver	Philips High Temperature Driver
LED Chip	Philips Lumileds
IP Rating	IP65
Operating Temp	-30°C to +65°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Weight	100W 3.90Kg / 100W Sensor 4.10Kg / 150W 3.90Kg / 150W Sensor 4.10kg / 200W 4.30kg 200W Sensor 4.50Kg

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description	Lm	Temp	Hours
10900	100	luminacalor 100W LED Highbay 120° lens	14000	4000K	50000
10901	100	luminacalor 100W LED Highbay 90° lens	14000	4000K	50000
10902	150	luminacalor 150W LED Highbay 120° lens	21000	4000K	50000
10903	150	luminacalor 150W LED Highbay 90° lens	21000	4000K	50000
10904	200	luminacalor 200W LED Highbay 120° lens	28000	4000K	50000
10905	200	luminacalor 200W LED Highbay 90° lens	28000	4000K	50000
10906	100	luminacalor 100W LED High/Low Bay 120° lens + Sensor	14000	4000K	50000
10907	100	luminacalor 100W LED High/Low Bay 90° lens + Sensor	14000	4000K	50000
10908	150	luminacalor 150W LED High/Low Bay 120° lens + Sensor	21000	4000K	50000
10909	150	luminacalor 150W LED High/Low Bay 90° lens + Sensor	21000	4000K	50000
10910	200	luminacalor 200W LED High/Low Bay 120° lens + Sensor	28000	4000K	50000
10911	200	luminacalor 200W LED High/Low Bay 90° lens + Sensor	28000	4000K	50000
10912	-	Prismatic Reflector	-	-	-
10913	-	Aluminium Reflector	-	-	-
10914	-	Remote control	-	-	-

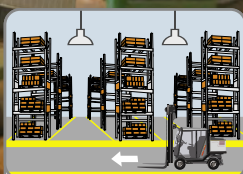


Optional infra-red remote control available for sensor versions

Quick and easy adjustment for multiple fittings; dimming level, presence detection, light levels & automatic on-off time. Average 15M range.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio
² Exceeds EU standard of RA 70 for Colour Rendering Index
³ Subject to terms & conditions (Contact Customer Service)

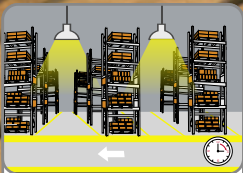
3 Step Dimming Function



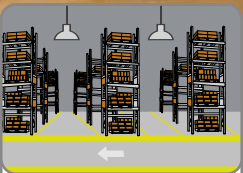
With sufficient natural light, the fitting does not switch on when presence is detected.



With insufficient natural light, the sensor switches on automatically when presence is detected.



After the hold-time, the sensor dims the fitting to the pre-set low light level if no motion is detected.



Fitting switches off after the stand-by period has elapsed if no motion is detected.

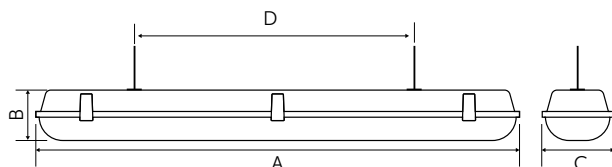




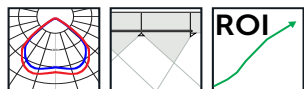
LED Integrated Anti Corrosive Batten

The Dura LED Anti Corrosive Batten is one of BELL's flagship Luminaires. This fully enclosed luminaire comes with stainless steel diffuser clips, ideal for exterior lighting projects that are open to the elements.

- The Smart Replacement for Single/Twin Fluorescent T8 and T5 Fixtures
- Injection moulded polycarbonate body - suitable for food environments
- Special high light transmission frosted polycarbonate diffuser for smooth uniform lighting
- Stainless steel clips & suspension brackets
- Tool-free termination
- Shatterproof
- Up to 140 Lm/W
- PIR versions available on request



	A	B	C	D
10W 2' Batten	654mm	90mm	90mm	390-430mm
20W 2' Batten	654mm	90mm	125mm	390-430mm
20W 4' Batten	1263mm	90mm	90mm	900-955mm
40W 4' Batten	1263mm	90mm	125mm	900-955mm
25W 5' Batten	1530mm	90mm	90mm	1000-1055mm
52W 5' Batten	1530mm	90mm	125mm	1000-1055mm
28W 6' Batten	1828mm	90mm	90mm	1000-1055mm
60W 6' Batten	1828mm	90mm	125mm	1000-1055mm



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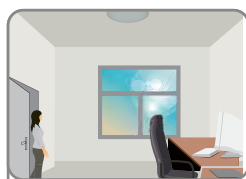
LED Integrated Anti Corrosive Batten

56

Technical Specification

Construction	Polycarbonate Body & lens
Driver	BELL
LED Chip	Samsung
IP Rating	IP65
Operating Temp	-30°C to +35°C / Emergency version minimum temperature -5°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this



With sufficient natural light, the fitting does not switch on when presence is detected.



With insufficient natural light, the sensor switches on automatically when someone enters the room.

Tri-Level Control (Corridor Function)



When the room is empty, light dims to stand-by level (10% / 20% / 30%) after the hold-time.



Light switched off automatically after the stand-by period has elapsed.



Optional infra-red remote control available for microwave sensor versions

Quick and easy adjustment for multiple fittings; dimming level, presence detection, light levels & automatic on-off time. Average 4M range.

Offers 3 levels of light: 100%-dimmed light (10%, 20%, 30%)-off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; selectable daylight threshold and choice of detection area.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



LED Integrated Anti Corrosive Batten

Code	W	Description	Lm	Temp	Hours
10257	10	Dura Anti Corrosive Batten - Single 600mm (2ft)	1260	4000K	50000
10256	20	Dura Anti Corrosive Batten - Double 600mm (2ft)	2420	4000K	50000
10255	20	Dura Anti Corrosive Batten - Double Emergency 600mm (2ft)	2420	4000K	50000
06722	20	Dura Anti Corrosive Batten - Single 1200mm (4ft)	2700	4000K	50000
06723	20	Dura Anti Corrosive Batten - Single Emergency 1200mm (4ft)	2700	4000K	50000
06728	40	Dura Anti Corrosive Batten - Double 1200mm (4ft)	5550	4000K	50000
06729	40	Dura Anti Corrosive Batten - Double Emergency 1200mm (4ft)	5550	4000K	50000
06710	25	Dura Anti Corrosive Batten - Single 1500mm (5ft)	3430	4000K	50000
06711	25	Dura Anti Corrosive Batten - Single Emergency 1500mm (5ft)	3430	4000K	50000
06712	25	Dura Anti Corrosive Batten - Single with Microwave Sensor + Corridor Dim Function 1500mm (5ft)	3430	4000K	50000
06713	25	Dura Anti Corrosive Batten - Single Emergency with Microwave Sensor + Corridor Dim Function 1500mm (5ft)	3430	4000K	50000
06714	25	Dura Anti Corrosive Batten - Single with Microwave Sensor 1500mm (5ft)	3430	4000K	50000
06715	25	Dura Anti Corrosive Batten - Single Emergency with Microwave Sensor 1500mm (5ft)	3430	4000K	50000
06716	52	Dura Anti Corrosive Batten - Double 1500mm (5ft)	6850	4000K	50000
06717	52	Dura Anti Corrosive Batten - Double Emergency 1500mm (5ft)	6850	4000K	50000
06718	52	Dura Anti Corrosive Batten - Double with Microwave Sensor + Corridor Dim Function 1500mm (5ft)	6850	4000K	50000
06719	52	Dura Anti Corrosive Batten - Double Emergency / Microwave Sensor + Corridor Dim Function 1500mm (5ft)	6850	4000K	50000
06720	52	Dura Anti Corrosive Batten - Double with Microwave Sensor 1500mm (5ft)	6850	4000K	50000
06721	52	Dura Anti Corrosive Batten - Emergency with Microwave Sensor 1500mm (5ft)	6850	4000K	50000
06760	28	Dura Anti Corrosive Batten - Single 1800mm (6ft)	4050	4000K	50000
06761	28	Dura Anti Corrosive Batten - Single Emergency 1800mm (6ft)	4050	4000K	50000
06766	60	Dura Anti Corrosive Batten - Double 1800mm (6ft)	7790	4000K	50000
06767	60	Dura Anti Corrosive Batten - Double Emergency 1800mm (6ft)	7790	4000K	50000

Microwave Max Operating Height 3.2m

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty





Northern Ireland Water: BELL Dura LED Integrated Anti Corrosive Battens

Over the life of the fitting, Northern Ireland Water could save: £86,384 in energy costs, energy saving 46%

- Annual Energy Saving 54,787kWh
- Annual CO₂ Saving 25,750kg
- Annual Maintenance £9000





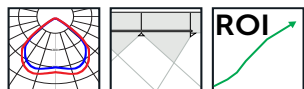
LED Integrated Batten

The Ultra Batten is a versatile general-purpose luminaire. With a sleek look, this Ultra Batten is an ideal candidate for office, classroom and corridor installations. Offered in 4, 5 & 6ft lengths, and boasting a 7 year guarantee with a 2 year on site warranty.

- The smart replacement for Single/Twin Fluorescent T8 and T5 Fixtures
- Special high light transmission frosted polycarbonate diffuser for smooth uniform lighting
- Perfect for all commercial environments
- Tool-free termination
- Integrated controls
- Shatterproof
- Suitable for BESA Box mounting
- 8M detection range on corridor dim option (2.6m mounting height)
- 147 Lm/W



Model	A	B	C (From Centre)	D
20W	69mm	1230mm	290mm / 170mm / 320mm	82mm
40W	109mm	1230mm	290mm / 170mm / 320mm	82mm
30W	69mm	1530mm	290mm / 170mm / 320mm	82mm
60W	109mm	1530mm	290mm / 170mm / 320mm	82mm
50W	69mm	1795mm	415mm / 170mm / 320mm	82mm
80W	109mm	1795mm	415mm / 170mm / 320mm	82mm



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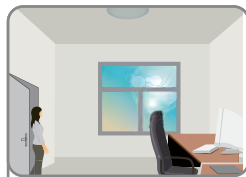


LED Integrated Batten

Technical Specification

Construction	Steel Body, Polycarbonate lens
Driver	BELL
LED Chip	Samsung
IP Rating	IP20
Operating Temp	-30°C to +35°C / Emergency version minimum temperature -5°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.



With sufficient natural light, the fitting does not switch on when presence is detected.



With insufficient natural light, the sensor switches on automatically when someone enters the room.

Tri-Level Control (Corridor Function)



When the room is empty, light dims to stand-by level (10% / 20% / 30%) after the hold-time.



Light switched off automatically after the stand-by period has elapsed.



Optional infra-red remote control available for sensor versions

Quick and easy adjustment for multiple fittings; dimming level, presence detection, light levels & automatic on-off time. Average 4M range.

Offers 3 levels of light: 100%-dimmed light (10%, 20%, 30%)-off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; selectable daylight threshold and choice of detection area.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



LED Integrated Batten

Code	W	Description	Temp	Lm	Hrs
10200	20	Ultra LED Integrated - Single 1230mm (4ft)	4000K	2850	50000
10202	20	Ultra LED Integrated - Single with Microwave Sensor 1230mm (4ft)	4000K	2850	50000
10204	20	Ultra LED Integrated - Single with Microwave Sensor + Corridor Dim Function 1230mm (4ft)	4000K	2850	50000
10201	20	Ultra LED Integrated - Single Emergency 1230mm (4ft)	4000K	2850	50000
10203	20	Ultra LED Integrated - Single Emergency with Microwave Sensor 1230mm (4ft)	4000K	2850	50000
10205	20	Ultra LED Integrated - Single Emergency with Microwave Sensor + Corridor Dim Function 1230mm (4ft)	4000K	2850	50000
10206	40	Ultra LED Integrated - Double 1230mm (4ft)	4000K	5360	50000
10208	40	Ultra LED Integrated - Double with Microwave Sensor 1230mm (4ft)	4000K	5360	50000
10210	40	Ultra LED Integrated - Double with Microwave Sensor + Corridor Dim Function 1230mm (4ft)	4000K	5360	50000
10207	40	Ultra LED Integrated - Double Emergency 1230mm (4ft)	4000K	5360	50000
10209	40	Ultra LED Integrated - Double Emergency with Microwave Sensor 1230mm (4ft)	4000K	5360	50000
10211	40	Ultra LED Integrated - Double Emergency with Microwave Sensor + Corridor Dim Function 1230mm (4ft)	4000K	5360	50000
10212	30	Ultra LED Integrated - Single 1530mm (5ft)	4000K	4410	50000
10214	30	Ultra LED Integrated - Single with Microwave Sensor 1530mm (5ft)	4000K	4410	50000
10216	30	Ultra LED Integrated - Single with Microwave Sensor + Corridor Dim Function 1530mm (5ft)	4000K	4410	50000
10213	30	Ultra LED Integrated - Single Emergency 1530mm (5ft)	4000K	4410	50000
10215	30	Ultra LED Integrated - Single Emergency with Microwave Sensor 1530mm (5ft)	4000K	4410	50000
10217	30	Ultra LED Integrated - 4000K, Single Emergency with Microwave Sensor + Corridor Dim Function 1530mm (5ft)	4000K	4410	50000
10218	60	Ultra LED Integrated - Double 1530mm (5ft)	4000K	7600	50000
10220	60	Ultra LED Integrated - Double with Microwave Sensor 1530mm (5ft)	4000K	7600	50000
10222	60	Ultra LED Integrated - Double with Microwave Sensor + Corridor Dim Function 1530mm (5ft)	4000K	7600	50000
10219	60	Ultra LED Integrated - Double Emergency 1530mm (5ft)	4000K	7600	50000
10221	60	Ultra LED Integrated - Double Emergency with Microwave Sensor 1530mm (5ft)	4000K	7600	50000
10223	60	Ultra LED Integrated - Double Emergency with Microwave Sensor + Corridor Dim Function 1530mm (5ft)	4000K	7600	50000
10224	50	Ultra LED Integrated - Single 1795mm (6ft)	4000K	6350	50000
10226	50	Ultra LED Integrated - Single with Microwave Sensor 1795mm (6ft)	4000K	6350	50000

Microwave Max Operating Height 3.2m

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty



LED Integrated Batten

Code	W	Description	Temp	Lm	Hrs
10228	50	Ultra LED Integrated - Single with Microwave Sensor + Corridor Dim Function 1795mm (6ft)	4000K	6350	50000
10225	50	Ultra LED Integrated - Single Emergency 1795mm (6ft)	4000K	6350	50000
10227	50	Ultra LED Integrated - Single Emergency with Microwave Sensor 1795mm (6ft)	4000K	6350	50000
10229	50	Ultra LED Integrated - Single Emergency with Microwave Sensor + Corridor Dim Function 1795mm (6ft)	4000K	6350	50000
10230	80	Ultra LED Integrated - Double 1795mm (6ft)	4000K	10600	50000
10232	80	Ultra LED Integrated - Double with Microwave Sensor 1795mm (6ft)	4000K	10600	50000
10234	80	Ultra LED Integrated - Double with Microwave Sensor + Corridor Dim Function 1795mm (6ft)	4000K	10600	50000
10231	80	Ultra LED Integrated - Double Emergency 1795mm (6ft)	4000K	10600	50000
10233	80	Ultra LED Integrated - Double Emergency with Microwave Sensor 1795mm (6ft)	4000K	10600	50000
10235	80	Ultra LED Integrated - Double Emergency with Microwave Sensor + Corridor Dim Function 1795mm (6ft)	4000K	10600	50000

Microwave Max Operating Height 3.2m

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty

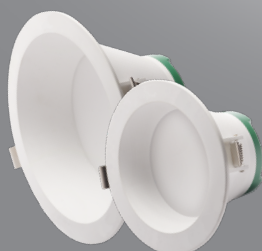


Vauxhall Assembly Plant, Luton: BELL Ultra LED Integrated Battens

Over the life of the fittings, Vauxhall Assembly Plant could save £2,159,231 in energy & maintenance costs, energy saving 64%

- Annual Energy Saving 1,228,500kWh
- Annual CO₂ Saving 687,960kg
- Annual Maintenance Saving £21,000

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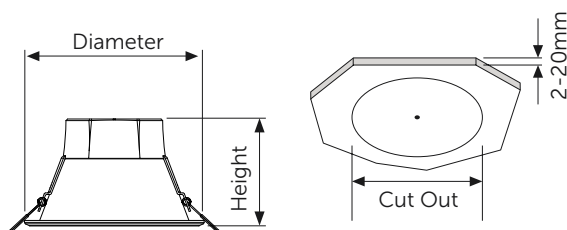




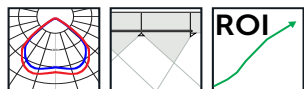
LED CCT Downlight

The Arial Pro LED Downlight is a sleek looking luminaire designed to replace cumbersome CFL fittings. With a 7 year guarantee across both the IP44 & IP65 range, the Arial Pro can be installed in a variety of applications with the confidence of knowing this product will stand the test of time.

- Switchable colour temperature 3000/4000/6000K
- Ideal for home and office environments
- Equivalent up to 2x26W fluorescent
- Anti-glare
- IP44 and IP65 options available
- Tool Free - Plug & Play
- Emergency downlights with 5 year battery guarantee available



	9W	16W	20W
Diameter	115mm	190mm	240mm
Height	70.5mm	102mm	117mm
Cut Out	90mm	160mm	200mm



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LED Downlight

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Technical Specification	
Construction	Polycarbonate
Driver	Tridonic
LED Chip	Philips
IP Rating	IP65 & IP44
Operating Temp	-5°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes
Emergency Battery Type	NiCd

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description	Lm	Temp	Hours
10950	9	9W Arial Pro CCT Downlight IP44	910	3/4/6000K	50000
10951	16	16W Arial Pro CCT Downlight IP44	1660	3/4/6000K	50000
10952	20	20W Arial Pro CCT Downlight IP44	2250	3/4/6000K	50000
10956	9	9W Arial Pro CCT Downlight IP44 - Emergency, (1 Year Battery Guarantee)	910	3/4/6000K	50000
10957	16	16W Arial Pro CCT Downlight IP44 - Emergency, (1 Year Battery Guarantee)	1660	3/4/6000K	50000
10958	20	20W Arial Pro CCT Downlight IP44 - Emergency, (1 Year Battery Guarantee)	2250	3/4/6000K	50000
10959	9	9W Arial Pro CCT Downlight IP44 - 1-10V Dim	910	3/4/6000K	50000
10960	16	16W Arial Pro CCT Downlight IP44 - 1-10V Dim	1660	3/4/6000K	50000
10961	20	20W Arial Pro CCT Downlight IP44 - 1-10V Dim	2250	3/4/6000K	50000
10962	9	9W Arial Pro CCT Downlight IP44 - Dali Dim	910	3/4/6000K	50000
10963	16	16W Arial Pro CCT Downlight IP44 - Dali Dim	1660	3/4/6000K	50000
10964	20	20W Arial Pro CCT Downlight IP44 - Dali Dim	2250	3/4/6000K	50000

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



LED Downlight

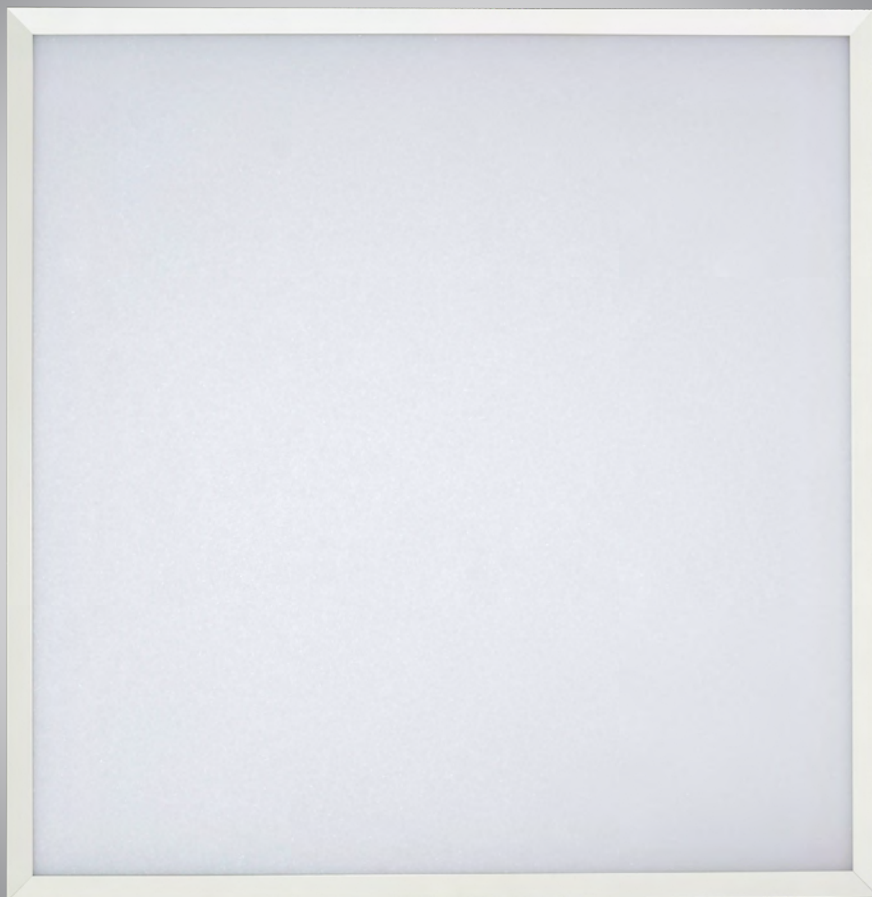
Code	W	Description	Lm	Temp	Hours
10953	9	9W Arial Pro CCT Downlight IP65	910	3/4/6000K	50000
10954	16	16W Arial Pro CCT Downlight IP65	1660	3/4/6000K	50000
10955	20	20W Arial Pro CCT Downlight IP65	2250	3/4/6000K	50000
10965	9	9W Arial Pro CCT Downlight IP65 - Emergency, (1 Year Battery Guarantee)	910	3/4/6000K	50000
10966	16	16W Arial Pro CCT Downlight IP65 - Emergency, (1 Year Battery Guarantee)	1660	3/4/6000K	50000
10967	20	20W Arial Pro CCT Downlight IP65 - Emergency, (1 Year Battery Guarantee)	2250	3/4/6000K	50000
10968	9	9W Arial Pro CCT Downlight IP65 - 1-10V Dim	910	3/4/6000K	50000
10969	16	16W Arial Pro CCT Downlight IP65 - 1-10V Dim	1660	3/4/6000K	50000
10970	20	20W Arial Pro CCT Downlight IP65 - 1-10V Dim	2250	3/4/6000K	50000
10971	9	9W Arial Pro CCT Downlight IP65 - Dali Dim	910	3/4/6000K	50000
10972	16	16W Arial Pro CCT Downlight IP65 - Dali Dim	1660	3/4/6000K	50000
10973	20	20W Arial Pro CCT Downlight IP65 - Dali Dim	2250	3/4/6000K	50000

Available on request:

- Emergency panels with 5 year battery guarantee
- Emergency 0-10V Dim
- Emergency Dali Dim

For further information call 01924 893380 or email sales@belllighting.co.uk

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.

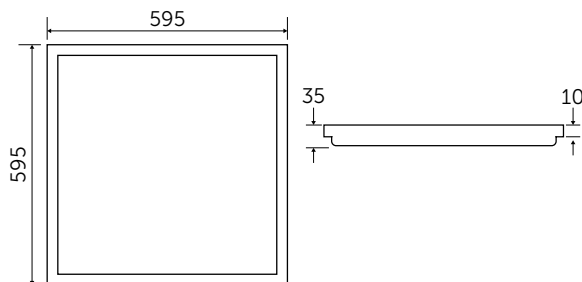




Backlit High Output UGR<19 LED Panel

The Arial Plus is our leading panel when it comes to performance. With a high lumen output of over 120 lumens per watt, this panel is ideal for areas that require high lux levels. The Arial Plus can be installed in areas where TPa rated lighting products are essential, such as emergency exit routes including stairways and corridors.

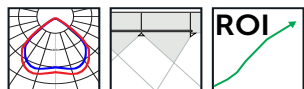
- High efficiency
- TPa
- Uniform light distribution
- Professional LED Panel
- 0-10V Dimming or DALI Dimming options available
- White finish
- Anti-twist frame
- Emergency panels with 5 year battery guarantee available
- CCT option available on request



UGR (Unified Glare Rating) is a method of calculating glare from light sources.

The UGR rating helps to determine how likely a light source is to cause discomfort to those around it. This classification ranges from 5 to 40, with low numbers indicating low glare.

Glare can be a common problem in workplaces. Inappropriate lighting or excessive brightness can be bounced off reflective surfaces, such as computer screens, whiteboards etc. This can cause disruption for the occupants of offices.





Backlit High Output UGR<19 LED Panel

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Technical Specification	
Construction	Steel + Polycarbonate
Driver	BELL
LED Chip	Philips
IP Rating	IP20
Operating Temp	0°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes
Emergency Battery Type	NiCd 1 Year Emergency / LiFePO4 5 Year Emergency

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description - High Output UGR <19 LED Panel	Lm/W	Lm	Temp	Finish	Hours
10140	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White	120	4320	4000K	White	50000
10142	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, Emergency, White	120	4320	4000K	White	50000
10144	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White, 0-10V Dim	120	4320	4000K	White	50000
10143	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White, Dali Dim	120	4320	4000K	White	50000
10160	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White. CCT	120	4320	3/4/6000K	White	50000
10162	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, Emergency, White. CCT	120	4320	3/4/6000K	White	50000
10164	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White, 0-10V Dim. CCT	120	4320	3/4/6000K	White	50000
10163	36	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White, Dali Dim. CCT	120	4320	3/4/6000K	White	50000
10168	25	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White	130	3250	4000K	White	50000
10170	25	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, Emergency, White	130	3250	4000K	White	50000

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



Backlit High Output UGR<19 LED Panel

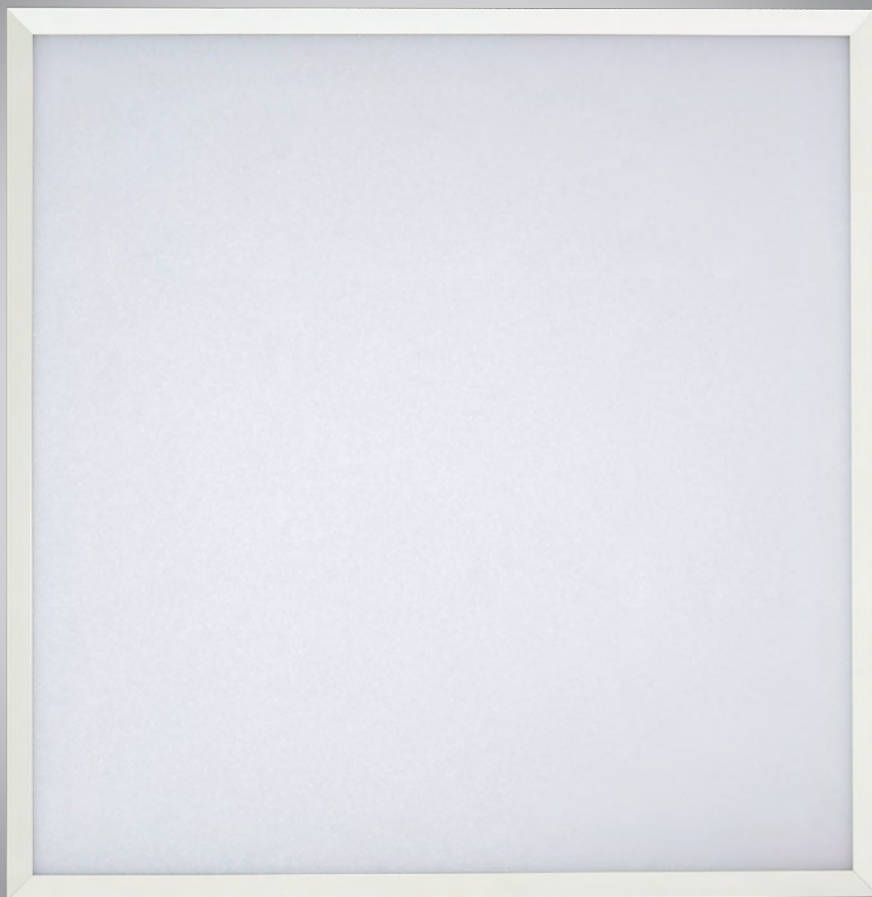
10172	25	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White, 0-10V Dim	130	3250	4000K	White	50000
10171	25	Arial Backlit High Output UGR <19 LED Panel 600x600mm, 4000K, White, Dali Dim	130	3250	4000K	White	50000
11010	36	Arial Backlit High Output UGR <19 LED Panel 1200x300mm, 4000K	120	4320	4000K	White	50000
11011	36	Arial Backlit High Output UGR <19 LED Panel 1200x300mm, 4000K, Emergency	120	4320	4000K	White	50000
11014	36	Arial Backlit High Output UGR <19 LED Panel 1200x300mm, 4000K, 0-10V Dim	120	4320	4000K	White	50000
11013	36	Arial Backlit High Output UGR <19 LED Panel 1200x300mm, 4000K, Dali Dim	120	4320	4000K	White	50000
11020	58	Arial Backlit High Output UGR <19 LED Panel 1200x600mm, 4000K	120	6960	4000K	White	50000
11021	58	Arial Backlit High Output UGR <19 LED Panel 1200x600mm, 4000K, Emergency	120	6960	4000K	White	50000
11024	58	Arial Backlit High Output UGR <19 LED Panel 1200x600mm, 4000K, 0-10V Dim	120	6960	4000K	White	50000
11023	58	Arial Backlit High Output UGR <19 LED Panel 1200x600mm, 4000K, Dali Dim	120	6960	4000K	White	50000
10190	-	Surface Mount Unit for 600x600 Arial Plus Backlit High Output UGR<19 LED Panel	-	-	-	-	-
10192	-	Surface Mount Unit for 1200x300 Arial Plus Backlit High Output UGR<19 LED Panel	-	-	-	-	-
10193	-	Surface Mount Unit for 1200x600 Arial Plus Backlit High Output UGR<19 LED Panel	-	-	-	-	-

Available on request:

- Emergency panels with 5 year battery guarantee
- Emergency 0-10V Dim
- Emergency Dali Dim

For further information call 01924 893380 or email sales@belllighting.co.uk

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.

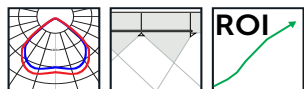
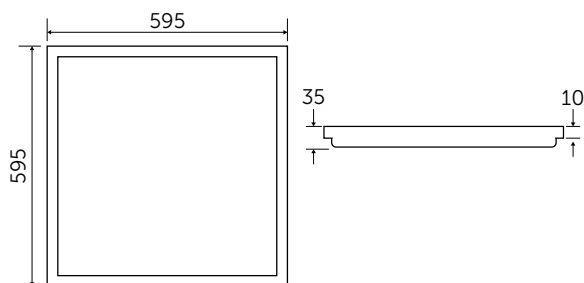




Backlit LED Panel

One of the newest panels in the Arial range, the Arial Backlit LED Panel comes with a 7 year guarantee and 2 year on site warranty as standard. This cost-effective lighting solution is available with a multitude of optional extras.

- Uniform light distribution
- Professional LED Panel
- 0-10V Dimming or DALI Dimming options available
- White finish
- Anti-twist frame
- Emergency panels with 5 year battery guarantee available
- CCT option available on request



technical@belllighting.co.uk
sales@belllighting.co.uk



Backlit LED Panel

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Technical Specification	
Construction	Steel + PMMA
Driver	BELL
LED Chip	Philips
IP Rating	IP20
Operating Temp	0°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes
Emergency Battery Type	NiCd 1 Year Emergency / LiFePO4 5 Year Emergency

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description	Lm/W	Lm	Temp	Finish	Hours
10130	36	Arial Backlit LED Panel - 600x600mm,	100	3600	4000K	White	50000
10132	36	Arial Backlit LED Panel - 600x600mm, Emergency	100	3600	4000K	White	50000
10134	36	Arial Backlit LED Panel - 600x600mm, 0-10V Dim	100	3600	4000K	White	50000
10133	36	Arial Backlit LED Panel - 600x600mm, Dali Dim	100	3600	4000K	White	50000
10150	36	Arial Backlit LED Panel - 600x600mm. CCT	100	3600	3/4/6000K	White	50000
10152	36	Arial Backlit LED Panel - 600x600mm, Emgcy. CCT	100	3600	3/4/6000K	White	50000
10154	36	Arial Backlit LED Panel - 600x600mm, 0-10V Dim. CCT	100	3600	3/4/6000K	White	50000
10153	36	Arial Backlit LED Panel - 600x600mm, Dali Dim. CCT	100	3600	3/4/6000K	White	50000
10176	25	Arial Backlit LED Panel - 600x600mm	120	3000	4000K	White	50000
10178	25	Arial Backlit LED Panel - 600x600mm, Emergency	120	3000	4000K	White	50000
10180	25	Arial Backlit LED Panel - 600x600mm, 0-10V Dim	120	3000	4000K	White	50000
10179	25	Arial Backlit LED Panel - 600x600mm, Dali Dim	120	3000	4000K	White	50000
10190	-	Surface Mount Unit for 600x600 Arial Backlit Panel	-	-	-	-	-

Available on request:

- Emergency panels with 5 year battery guarantee
- Emergency 0-10V Dim
- Emergency Dali Dim

For further information call 01924 893380 or email sales@belllighting.co.uk

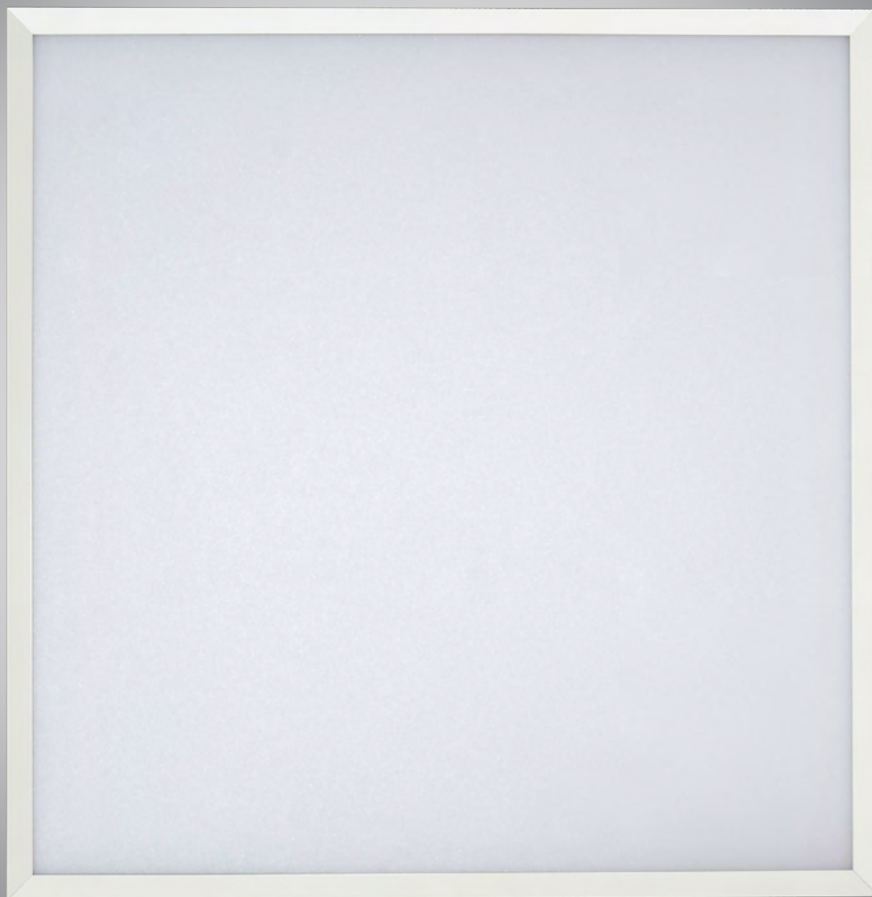
Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



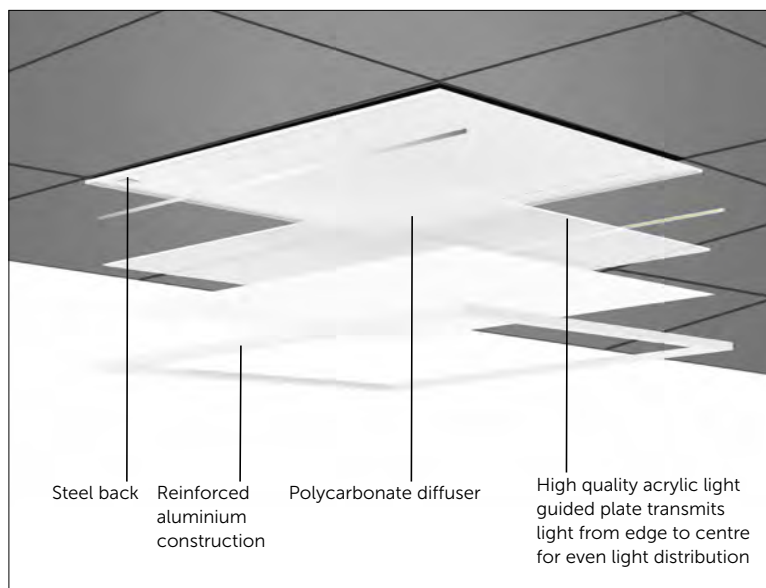




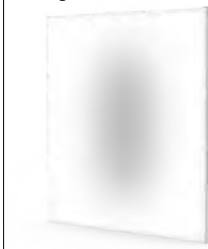
IP65 LED Panel

The IP65 version of our Arial LED Panel is an ideal product for areas that may contain moisture such as changing rooms, locker rooms & commercial kitchen environments.

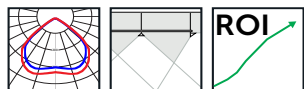
- Front face IP65
- Professional LED panel
- 0-10V Dimming or DALI Dimming options available
- White frame
- BELL Driver
- Anti-twist frame
- Emergency panels with 5 year battery guarantee available



No Light Fall Off



Seamless Trim Design



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IP65 LED Panel

80

Technical Specification	
Construction	Aluminium + PMMA
Driver	BELL
LED Chip	Philips
IP Rating	IP65 (Front face)
Operating Temp	0°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes
Emergency Battery Type	NiCd 1 Year Emergency / LiFePO4 5 Year Emergency

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

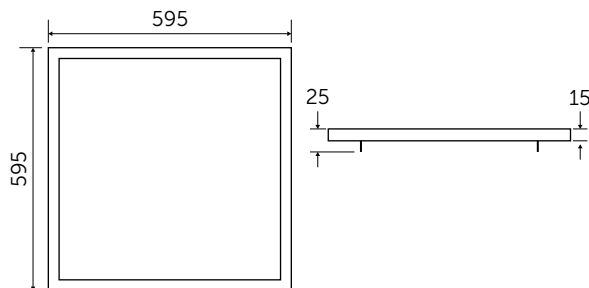
Code	W	Description	Lm/W	Lm	Temp	Finish	Hours
10047	36	600 x 600 IP65 LED Panel	105	4000	4000K	White	50000
10097	36	600 x 600 IP65 LED Panel Emergency	105	4000	4000K	White	50000
10050	36	600 x 600 IP65 LED Panel 0-10V Dim	105	4000	4000K	White	50000
10049	36	600 x 600 IP65 LED Panel Dali Dim	105	4000	4000K	White	50000

Available on request:

- Emergency panels with 5 year battery guarantee
- Emergency 0-10V Dim
- Emergency Dali Dim

For further information call 01924 893380 or email sales@belllighting.co.uk

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.



¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



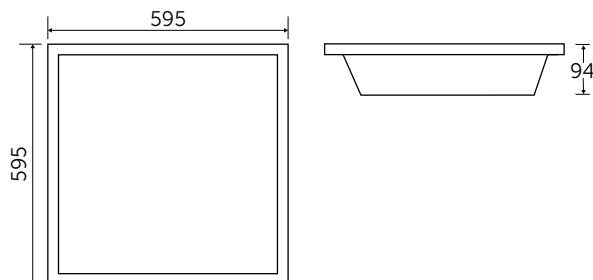




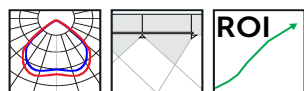
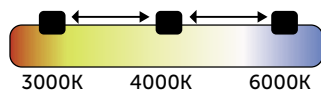
Troffer LED CCT Panel

The Arial Troffer gives a unique twist on a standard LED Panel. The contemporary design and aesthetic light distribution works well in areas that want something unique and different to the standard familiar panel we have all become accustomed to. With 115 lumens per watt and colour selectable as standard.

- High efficiency
- Aesthetic light distribution
- Contemporary design
- TPa
- Professional LED Panel
- 0-10V Dimming or DALI Dimming options available
- White finish
- Innovative fixed connector
- Emergency panels with 5 year battery guarantee available



Selectable Colour Temperature



technical@belllighting.co.uk
sales@belllighting.co.uk



Troffer LED CCT Panel

84

Technical Specification	
Construction	Steel + Polycarbonate
Driver	BELL
LED Chip	Philips
IP Rating	IP20
Operating Temp	0°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
L1A / L1B / L2A / L2B Compliant	Yes
Emergency Battery Type	NiCd 1 Year Emergency / LiFePO4 5 Year Emergency

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	W	Description	Lm/W	Lm	Temp	Finish	Hours
10120	36	Arial Troffer CCT LED Panel - 600x600mm, White	115	3800	3/4/6000K	White	50000
10121	36	Arial Troffer CCT LED Panel - 600x600mm, Emergency, White	115	3800	3/4/6000K	White	50000
10125	36	Arial Troffer CCT LED Panel - 600x600mm, White, 0-10V Dim	115	3800	3/4/6000K	White	50000
10122	36	Arial Troffer CCT LED Panel - 600x600mm, White, Dali Dim	115	3800	3/4/6000K	White	50000

Available on request:

- Emergency panels with 5 year battery guarantee
- Emergency 0-10V Dim
- Emergency Dali Dim

For further information call 01924 893380 or email sales@belllighting.co.uk

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)





IC Rated up to 350mm insulation

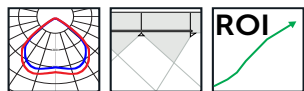
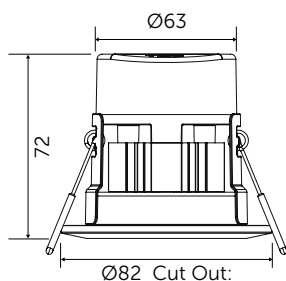
www.belllighting.co.uk



Integrated LED Fixed Downlight

The Firestay LED CCT 3 way colour switch downlight is one of our flagship products. Colour selectable as standard with a 7 year guarantee, the Firestay LED CCT downlight is a market leader when it comes to downlights. The front facing switch enables the user to seamlessly change the colour temperature to suit the mood of any space.

- Firestay Certification: 30, 60 and 90 minute solid joist ceilings, 30 minute I-Joist & Metal Web ceiling systems
- IP65
- Front CCT switch
- 6 in 1 Fixture, 3 colour temperatures, 2 bezels
- Includes satin & white magnetic bezels
- Part B / C / E compliant
- IC rated
- 40° & 60° beam angle options
- Tool-Free & Screwfix termination options

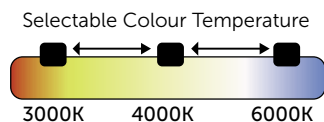


FirestayLED

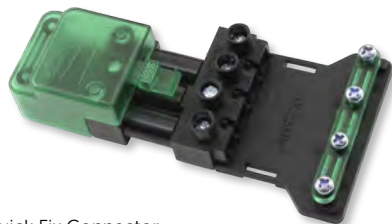
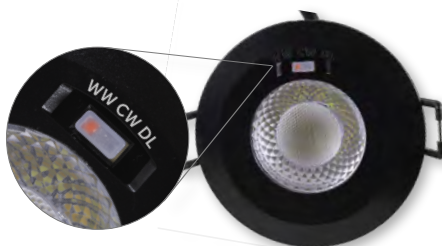
CCT 3 way selectable colour switch

Integrated LED Fixed Downlight

The Firestay LED CCT has an easily accessible colour selectable switch located under the bezel on the front of the downlights. Simply move the switch to select your colour temperature option.



Simply move the switch located under the magnetic bezel to your desired colour temperature



Quick Fix Connector



Tool-Free Termination

Technical Specification	
Construction	Die-Cast Aluminium
Driver	On Board
LED Chip	Epistar
IP Rating	IP65
Operating Temp	-5°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	Description	Colour Temperature	Lm	Cd	Beam ⁰	Hrs
08186	7W Firestay LED CCT 3 Way Selectable Colour Switch Downlight Dimmable, Plug & Play, 60° Beam Angle. Screw Fix Termination	3/4/6000K	530/550/600	370	60°	50000
08187	7W Firestay LED CCT 3 Way Selectable Colour Switch Downlight Dimmable, Plug & Play, 40° Beam Angle. Screw Fix Termination	3/4/6000K	530/550/600	530	40°	50000
10510	7W Firestay LED CCT 3 Way Selectable Colour Switch Downlight Dimmable, Plug & Play, 40° Beam Angle. Tool Free Termination	3/4/6000K	530/550/600	530	40°	50000
10560	Chrome Magnetic Bezel for above	-	-	-	-	-
10561	Brass Magnetic Bezel for above	-	-	-	-	-
10562	Antique Brass Magnetic Bezel for above	-	-	-	-	-
10563	Matt Black Magnetic Bezel for above	-	-	-	-	-
08193	White Spacer Plate for above (100mm cut out)	-	-	-	-	-
08194	Satin Spacer Plate for above (100mm cut out)	-	-	-	-	-
08196	Emergency Pack for above	-	-	-	-	-
10803	Smart Universal LED Trailing/Leading Edge Dimmer Module	-	-	-	-	-

Emergency versions must be tested in line with the requirements of B55266, failure to do so may effect battery life and warranty.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)







IC Rated up to 350mm insulation

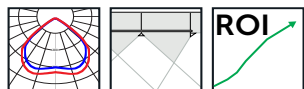
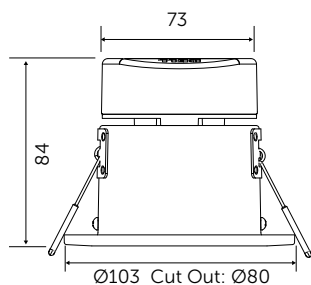
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Integrated LED Centre Tilt Downlight

The Centre Tilt version of our CCT Downlight has all the benefits of our fixed CCT Downlight, combined with the added functionality centre tilt lens. Colour selectable as standard with a 7 year guarantee.

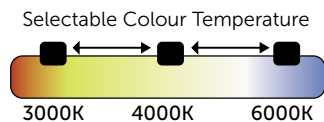
- Firestay Certification: 30, 60 and 90 minute solid joist ceilings, 30 minute I-Joist & Metal Web ceiling systems
- IP65
- Front CCT switch
- 6 in 1 Fixture, 3 colour temperatures, 2 bezels
- Includes satin & white magnetic bezels
- Part B/C/E compliant
- IC rated



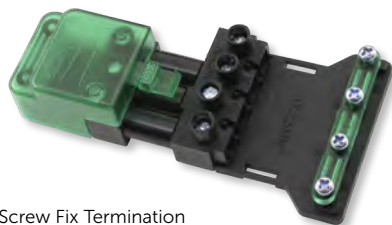
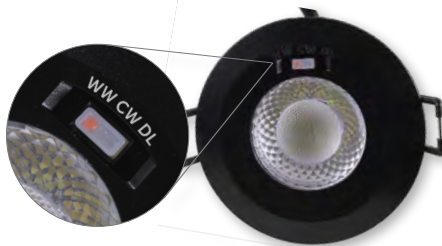
technical@belllighting.co.uk
sales@belllighting.co.uk

Integrated LED Centre Tilt Downlight

The Firestay LED CCT has an easily accessible colour selectable switch located under the bezel on the front of the downlights. Simply move the switch to select your colour temperature option.



Simply move the switch located under the magnetic bezel to your desired colour temperature



Screw Fix Termination

Technical Specification	
Construction	Die-Cast Aluminium
Driver	On Board
LED Chip	Epistar
IP Rating	IP65
Operating Temp	-5°C to +35°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 80 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio

* All BELL Lighting luminaires are rated L80 B10, so for a 50,000 hour product. L80B10 at 50,000 hours our fittings will still have 80% of initial lumen, only 10% of fittings may fail to achieve this.

Code	Description	Colour Temperature	Lm	Cd	Beam°	Hrs
08190	7W Firestay CCT 3 Way Selectable Colour Switch Center Tilt LED Downlight, Dimmable, Plug & Play, 40° Beam Angle. Screw Fix Termination	3/4/6000K	530/550/600	660	40°	50000
08200	Chrome Magnetic Bezel for above	-	-	-	-	-
08201	Brass Magnetic Bezel for above	-	-	-	-	-
08202	Antique Brass Magnetic Bezel for above	-	-	-	-	-
08203	Matt Black Magnetic Bezel for above	-	-	-	-	-
08196	Emergency Pack for Firestay LED Downlights	-	-	-	-	-
10803	Smart Universal LED Trailing/Leading Edge Dimmer Module	-	-	-	-	-

Emergency versions must be tested in line with the requirements of BS5266, failure to do so may effect battery life and warranty.

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

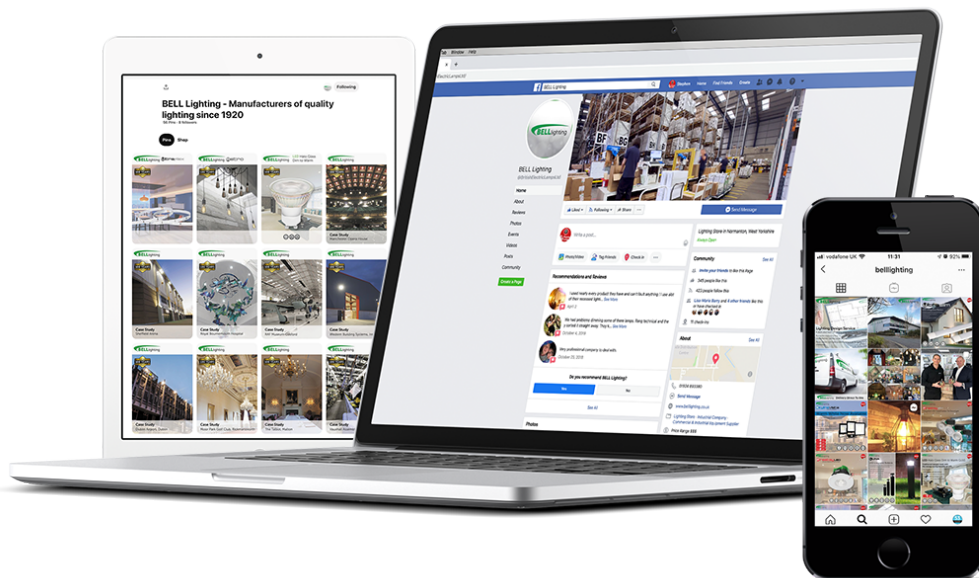
² Exceeds EU standard of RA 80 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)



Social Media - Follow our channels

In less than 10 years, social media has become an essential part of our lives, follow BELL Lighting on our channels for all the latest LED lighting news, product updates, special promotions and much more.





ELECTRICAL WASTE RECYCLING AND COLLECTION

As customers of Bell Lighting you are able to access our WEEE collection and recycling service.

Our national collection service provides a range of containers collecting the following:



LAMP RECYCLING



HALOGEN



INCANDESCENT



2D LAMPS



METAL HALIDE



FLUORESCENT



LED LAMPS

WEEE RECYCLING



GENERAL



SMALL OFFICE



CABLING



KITCHEN



IT OFFICE



LUMINARIES

BELL CUSTOMERS*: TO REQUEST A COLLECTION OF OLD PRODUCTS PLEASE CONTACT:

sales@belllighting.co.uk | 01924 893380 | belllighting.co.uk

TO REQUEST ANY OTHER RECYCLING PLEASE CONTACT:



sales@electricalwaste.com | 01388 721 000 | electricalwaste.com

*Collection charges will apply



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