



CONNECTILED

SPÉCIALISTE EN ÉCLAIRAGE LED

CATALOGUE INTEGRAL LED

integral™
LED

EDITION 2018

www.connectiled.com



- Light Laboratory 2
- About Integral LED 4
- Saving Calculators 6
- LED Lamps 8
- LED Downlights 31
- LED Panels 42
- LED Emergency 50
- LED Strips 51
- LED Drivers 59
- LED Outdoor 63
- LED Luminaires 66
- Wholesaler POS 82
- Lighting Design 83

Enhanced Capital Allowance



Many Integral LED luminaires meet or exceed the requirements for Enhanced Capital Allowance (ECA). Our brochure uses the following logo to indicate compatible luminaires in our range.

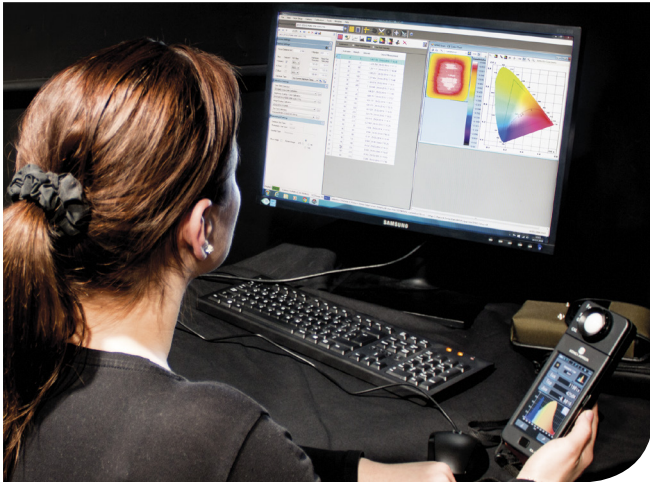
ECAs are a straightforward way for a business to improve its cash flow through accelerated tax relief. The scheme encourages businesses to invest in energy-saving equipment to help reduce carbon emissions, which contribute to climate change. LED lighting qualifies for funding. Customers can obtain a statement from Integral LED that states that the product supplied for your project, meets the eligibility criteria in force at the time of purchase. This can then form the basis of the supporting evidence for the tax claim.

An ECA is claimed through a company's income or corporation tax return in the same way as any other capital allowance. HMRC is responsible for the tax-related aspects of the ECA scheme. Buying energy efficient equipment results in a lower overall spend on energy, improving cash flow and lowering overheads. This can be a very attractive proposition as energy use is often the second highest cost after staff salaries, and for some energy intensive industries, it can be the highest operational cost.

For more information please visit www.integral-led.com/eca

integral LED

Technology



We understand technology

Integral LED is built upon 25 years of experience in technology products. The LED market is innovative and evolving fast – exactly what we are used to.

Our expertise in managing technology ensures that we meet our one simple aim of delivering high quality LED products at competitive prices on a consistent basis.

Innovation



Cutting-edge innovation

One of our key objectives is to adapt and engineer exciting new products that maximise the benefits of lighting in an LED age. The canless Evofire Fire Rated Downlight is just one example of an innovative solution, engineered by our UK-based development team to challenge market expectations and push the boundaries of what LED lighting is capable of. Find out more on page 28.

Award Winning

Making waves

Integral LED products have won an array of awards which are a testament to our mission to create high quality products that offer value.

Integral LED lamps have an **impressive eleven Which? Best Buy** accreditations since 2014. Our recent winners:

- Which? 2018** Best Buy Light Bulbs (GLS 100W Eqv)
- Which? 2018** Best Buy Light Bulbs (GLS 75W Eqv)

Electrical Industry Awards Finalist 2017 - Evofire

Lux 2016 - Fire Rated Downlight

Lux 2015 - High Performance+ LED Panel

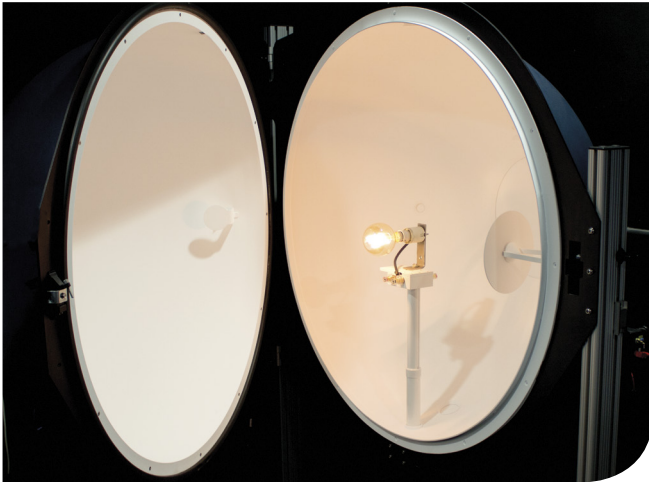
Lux 2014 - GU10 lamp

Lux Awards Finalist 2016 - Real Colour GU10

Lighting Awards Finalist 2015 - Classic Glow GU10



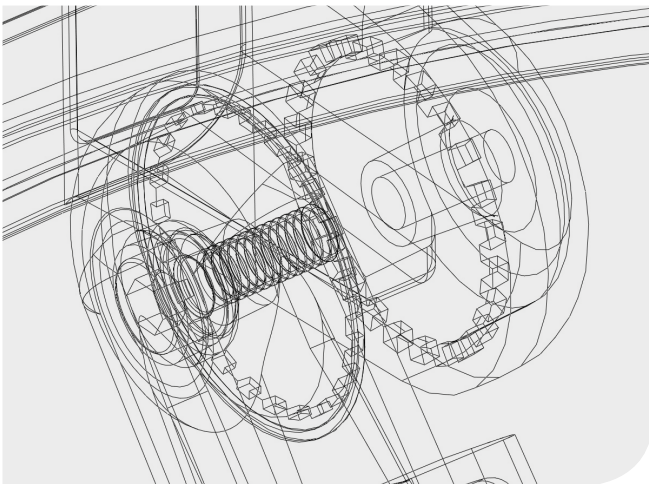
Quality



Begin with quality

All Integral LED products are tested by our engineers in a state-of-art light lab to ensure our LED products meet or exceed lighting metrics and standards.

You can rely on our specifications to select the correct product for your application.



Service



Top rated service

By offering great prices, fast delivery and with sales and technical support backed by over a hundred staff and a multi-million pound stock holding, we can help you supply your customers with the right product at the right price.

Where customers measure supplier performance, Integral is always at or near the top.

Design

Lighting the future

Integrating LED with other technologies opens up a new world of possibilities. Integral LED is already moving towards the next phase of LED innovation by investing in an experienced in-house design team to produce practical, stylish LED products that maximise the benefits of LED.

Call us today to speak to an Account Manager and find out how Integral LED can help you profit from LED



0208 451 8700



sales@integral-led.com



www.integral-led.com

Saving Calculators

- How much will I save?

- Very easy to use
- Calculates monetary and energy savings, payback period and CO2 reduction
- Generic or specific Integral LED product savings
- Build a list of products and get a savings total
- Works with smartphones, tablets and PC/Mac (no app required)
- Email savings list, save as PDF feature

Classic Globe (GLS) 13.5W (100W) 2700K 1521lm B22 Dimmable Frosted Lamp



This 13.5W retro-fit Integral LED Classic Globe (GLS) (large bayonet base) delivers a dimmable, warm light and brightness. With a 1521 lumen output, this lamp is one of only a few true 100W filament bulb replacements available today. It features high output LEDs, an anti-glare refractor, all finished in an aluminium and plastic, thermally efficient body. Ideal for rooms with a single pendant fitting, living rooms, hallways and kitchens.

- ✓ Warm light
- ✓ 1521 Lumens
- ✓ Dimmable with compatible dimmers

Energy Saving £ €

Quantity: 1 Hours /day: 3

£13.26 per year

Total saving compared to a filament lamp (based on 14p/20c kWh)

[Add to savings list](#)

[View savings list](#)

[Download PDF Spec Sheet](#)

Product Specification

B22 220-240v **Dimmable** **Warm** 2700K **Equivalent 100W** Wattage

Home saving example



Product	Quantity	Hours /day	Savings	Remove all
GU10 Classic PAR16 5W (50W) 2700K 380lm Non-Dimmable Lamp Partcode: ILGU105.0N27KXDNA, Quick Code: 728913	<input type="text" value="10"/>	<input type="text" value="4"/>	£92.05 per year	- Remove + Duplicate
Candle 4.5W (36W) 2700K 420lm B22 Dimmable 330 deg Beam Angle Partcode: ILCANDB22DC037, Quick Code: ILCANDB22DC037	<input type="text" value="6"/>	<input type="text" value="3"/>	£28.99 per year	- Remove + Duplicate

Based on days per week at p/kWh

Calculate payback
Please input unit costs to calculate payback

Total savings per year
Electricity saving: £121.04
kWh saving: 864.57
CO2 Reduction: 464.7Kg

Office saving example



Product	Quantity	Hours /day	Savings	Remove all
Panel Back-lit 600x600 25W 4000K 3500lm Partcode: ILP6060B003, Quick Code: ILP6060B003	<input type="text" value="30"/>	<input type="text" value="12"/>	£807.37 per year	- Remove + Duplicate
Fire Rated Downlight 12W (62W) 4000K 850lm 55 deg beam angle 70mm cut-out Dimmable Partcode: ILDLFR70A010, Quick Code: ILDLFR70A010	<input type="text" value="12"/>	<input type="text" value="12"/>	£262.99 per year	- Remove + Duplicate

Based on days per week at p/kWh

Calculate payback
Please input unit costs to calculate payback

Total savings per year
Electricity saving: £1070.36
kWh saving: 7645.41
CO2 Reduction: 4109.3Kg

[View as PDF](#) or [Send by Email](#)

Case Study: How LED lighting enhanced the dining experience

In any restaurant the atmosphere is as important as the cuisine and the look of the interior is just as important as the appearance of the dishes. The owners of the Bukhara in Manchester have a very specific vision when it comes to the lighting scheme of their restaurants. It is a successful hallmark of their popular outlets in Liverpool and Preston. When an opportunity arose to launch a new addition to their chain in the former Cheadle Town Hall – an attractive lighting scheme was one of their key objectives. The grade two listed building is an imposing structure with high ceilings, large windows and a splendid facade in the Italianate style favoured by architects in the mid-1800s. The challenge was to create an intimate dining experience from the very large spaces that once housed a local council. Seating booths and nests of tables were the key furnishings used to create intimacy. The role of the lighting scheme was to add warmth in keeping with the Victorian splendour. The room height was accommodated with decorative fixtures on drop rods that were hung lower over the dining area. The key to the Bukhara concept, beyond the delicious cuisine, is that the dining experience is created without the customary background music encountered in a typical establishment. It makes restaurant lighting the main ingredient in determining the ambience for the customers. For this reason, the choice of fitting and the lamp itself was a crucial step. In keeping with the classical style, the



Fitting in the Bukhara restaurant showing Integral Sunset Vintage ST64 'squirrel cage' LED lamps.

owners chose from Integral LED's Sunset range of lamps to light the fixtures. These retro lamps are characteristic of a new wave of LED innovation that has enabled longer filaments, which in turn has produced a more authentic legacy look. The vintage-look range includes oversized globes and an original Edison inspired ST64, also known as a 'squirrel cage' lamp. All the Sunset lamps are enclosed in amber glass to replicate the vintage warm glow (1800K) that delivers an ambient 170 lumens. Importantly, the product delivers 93% energy savings over the incandescent originals that continue

to light bars and restaurants. The Sunset lamps are powered by a mere 2.5 Watts and have effectively combined vintage looks with A+ rated energy credentials. The lamps have an average lifespan of 15,000 hours, which is up to 5X longer than many decorative filament bulbs on the market.

"Although the main objective of the Bukhara refurbishment was to create a convivial dining experience, the owner can now enjoy significantly lower energy costs and reduced maintenance charges too" commented Francesco Riviaccio, Senior Product Manager at Integral LED. ■



Sunset Filament Lamps

Integral LED has introduced the Sunset LED filament lamp range to meet the on trend demand for vintage style lamps. The lamps provide a very warm glow at 1800K CCT with a wide beam angle to give a classic aesthetic look and ambience in traditional or modern fittings. Using the latest LED filament technology and glass, the 2.5W, A+ energy rated Sunset lamps deliver an 93% energy savings over incandescent lamps and a lifetime of 15,000 hours. The Sunset filament lamp collection includes a variety of dimensions and shapes for use in hospitality and the home.



Applications: Decorative lamps are ideal for use in bars, restaurants, hotels and the home for that vintage look whilst making substantial savings on energy and maintenance.



ULTRA WARM VINTAGE LAMP



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.	
Sunset Filament Globe											15,000 hrs, 2 year warranty	
Non-Dimmable												
ILGLOBB22N002	B22	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 80 x H: 120 mm	1
ILGLOBB22N004	B22	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 95 x H: 138 mm	2
ILGLOBB22N006	B22	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 125 x H: 176 mm	3
ILGLOBE27N001	E27	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 80 x H: 122 mm	1
ILGLOBE27N003	E27	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 95 x H: 140 mm	2
ILGLOBE27N005	E27	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 125 x H: 178 mm	3

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.	
Sunset Filament ST64											15,000 hrs, 2 year warranty	
Non-Dimmable												
ILST64B22N002	B22	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 64 x H: 138 mm	4
ILST64E27N001	E27	2.5	40	1800	170	68	80	300°	Amber	A+	Ø 64 x H: 140 mm	4

Dimmable Sunset Filament Lamps

Anyone looking to create an especially relaxing atmosphere in their home or business will benefit from the new dimmable additions to the Sunset Vintage Decorative range. The dimmable Sunset range allows you to adjust the light levels to achieve your ideal ambience.



Dimmable



Applications: Enjoy warm, relaxing, dimmable light from classic looking amber glass globes and squirrel cage lamps.



ULTRA WARM VINTAGE LAMP



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.	
Sunset Filament Globe											15,000 hrs, 2 year warranty	
Dimmable												
ILGLOBB22D008	B22	5	40	1800	380	76	80	300°	Amber	A+	Ø 80 x H: 120 mm	1
ILGLOBB22D010	B22	5	40	1800	380	76	80	300°	Amber	A+	Ø 95 x H: 138 mm	2
ILGLOBB22D012	B22	5	40	1800	380	76	80	300°	Amber	A+	Ø 125 x H: 176 mm	3
ILGLOBE27D007	E27	5	40	1800	380	76	80	300°	Amber	A+	Ø 80 x H: 122 mm	1
ILGLOBE27D009	E27	5	40	1800	380	76	80	300°	Amber	A+	Ø 95 x H: 140 mm	2
ILGLOBE27D011	E27	5	40	1800	380	76	80	300°	Amber	A+	Ø 125 x H: 178 mm	3

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.	
Sunset Filament ST64											15,000 hrs, 2 year warranty	
Dimmable												
ILST64B22D004	B22	5	40	1800	380	76	80	300°	Amber	A+	Ø 64 x H: 138 mm	4
ILST64E27D003	E27	5	40	1800	380	76	80	300°	Amber	A+	Ø 64 x H: 140 mm	4

LED Lamps

Filament Lamps

Filament technology with super-wide beam angle

These cutting edge A++ retro-fit Integral LED Omni-Lamps deliver a warm white light and brightness, similar to a filament bulb. They have the appearance, feel and weight of a traditional light bulb. Featuring an LED filament chip, which enables a super-wide beam angle of 300° or more.

The Full Glass range is as close to traditional filament bulbs as you can get, with no plastic casing or heat-sink. These lamps look great in fittings where the lamp is exposed.



Integral LED filament lamps are installed in over 30 chandeliers at Wollaton Hall, Nottingham.

Dimmable Filament Lamps



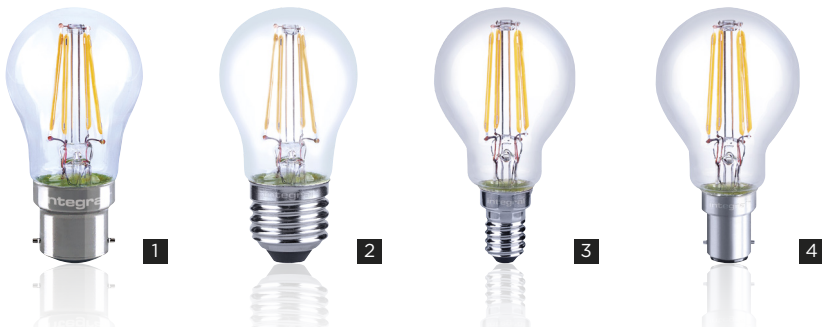
* Which? Best Buy 2017 (GLS lamps)

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Omni Filament GLS										15,000 hrs, 2 year warranty	
Dimmable											
ILGLSB22DC035	B22	4.5	36	2700	420	93	80	330°	Clear	A++	1
ILGLSB22DC037*	B22	7	60	2700	806	115	80	330°	Clear	A++	1
ILGLSB22DC057	B22	8	75	2700	1055	132	80	330°	Clear	A++	3
ILGLSB22DC059	B22	12	100	2700	1521	127	80	330°	Clear	A++	3
ILGLSE27DC034	E27	4.5	36	2700	420	93	80	330°	Clear	A++	2
ILGLSE27DC058	E27	12	100	2700	1521	127	80	330°	Clear	A++	4



* Which? Best Buy 2017 (GLS lamps)

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Full Glass Omni Filament GLS										15,000 hrs, 2 year warranty	
Dimmable											
ILGLSB22DC053	B22	4.5	40	2700	470	104	80	330°	Clear	A++	8
ILGLSB22DC055	B22	7	60	2700	806	115	80	300°	Clear	A++	10
ILGLSE27DC052	E27	4.5	40	2700	470	104	80	300°	Clear	A++	7
ILGLSE27DC054	E27	7	60	2700	806	115	80	300°	Clear	A++	9
ILGLSE27DC056*	E27	8	75	2700	1055	132	80	300°	Clear	A++	7
ILGLSB22DC060	B22	8	75	2700	1055	132	80	300°	Clear	A++	8



Dimmable

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Full Glass Omni Filament Mini Globe									15,000 hrs, 2 year warranty		
Dimmable											
ILGOLFB22DC033	B22	4.5	40	2700	470	104	80	300°	Clear	A++	1
ILGOLFE27DC032	E27	4.5	40	2700	470	104	80	300°	Clear	A++	2
ILGOLFE14D036	E14	3.5	31	2700	350	100	80	300°	Clear	A++	3
ILGOLFB15D037	B15	3.5	31	2700	330	94	80	300°	Clear	A++	4



Dimmable

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Omni Filament Candle									15,000 hrs, 2 year warranty		
Dimmable											
ILCANDB22DC037	B22	4.5	36	2700	420	93	80	330°	Clear	A++	5



Dimmable

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Full Glass Omni Filament Candle									15,000 hrs, 2 year warranty		
Dimmable											
ILCANDB22DC043	B22	4.5	40	2700	470	104	80	300°	Clear	A++	6
ILCANDE27DC042	E27	4.5	40	2700	470	104	80	300°	Clear	A++	7
ILCANDE14D050	E14	3.5	31	2700	350	100	80	300°	Clear	A++	8
ILCANDB15D051	B15	3.5	31	2700	330	94	80	300°	Clear	A++	9

LED Lamps

Non-Dimmable Filament Lamps



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Full Glass Omni Filament GLS										15,000 hrs, 2 year warranty	
Non-Dimmable											
NEW ILGLSB22NC061	B22	12	94	2700	1400	15	80	300	Clear	A++	2
ILGLSB22NC002	B22	4	40	2700	470	118	80	300°	Clear	A++	2
ILGLSB22NC004	B22	4.5	50	2700	630	140	80	300°	Clear	A++	3
ILGLSB22NC028	B22	6.2	60	2700	806	130	80	320°	Clear	A++	4
ILGLSB22NC039	B22	8	75	2700	1055	132	80	330°	Clear	A++	5
ILGLSE27NC001	E27	4	40	2700	470	118	80	300°	Clear	A++	5
ILGLSE27NC027	E27	6	60	2700	806	130	80	300°	Clear	A++	3
ILGLSE27NC038	E27	8	75	2700	1055	132	80	330°	Clear	A++	4
ILGLSB22DC060	B22	8	75	2700	1055	132	80	300°	Clear	A++	7
ILGLSB22NC061	B22	12	94	2700	1400	117	80	300°	Clear	A++	7
NEW ILGLSE27NC062	E27	12	94	2700	1400	117	80	300°	Clear	A++	



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Omni Filament Mini Globe										15,000 hrs, 2 year warranty	
Non-Dimmable											
ILGOLFB22NC003	B22	2	25	2700	250	125	80	330°	Clear	A++	8
ILGOLFB22NC030	B22	4	40	2700	470	117	80	300°	Clear	A++	9
ILGOLFE27NC001	E27	2	25	2700	250	125	80	300°	Clear	A++	8
ILGOLFE27NC029	E27	4	36	2700	470	117	80	300°	Clear	A++	10
ILGOLFE14NC002	E14	2.8	25	2700	250	89	80	300°	Clear	A++	11
ILGOLFE14NC028	E14	4	36	2700	420	105	80	300°	Clear	A++	12
ILGOLFB15NC034	B15	2	23	2700	230	115	80	300°	Clear	A++	13
ILGOLFB15NC035	B15	4	36	2700	420	105	80	300°	Clear	A++	14



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Globe Finish	Energy Rating	Pic.
Omni Filament Candle										15,000 hrs, 2 year warranty	
Non-Dimmable											
ILCANDB22NC002	B22	2	25	2700	250	125	80	300°	Clear	A++	1
ILCANDB22NC035	B22	4	40	2700	470	118	80	300°	Clear	A++	2
ILCANDE27NC038	E27	2	25	2700	250	125	80	300°	Clear	A++	3
ILCANDE27NC040	E27	4	40	2700	420	105	80	300°	Clear	A++	4
ILCANDE14NC001	E14	2.8	25	2700	250	125	80	300°	Clear	A++	5
ILCANDE14NC034	E14	4	36	2700	430	105	80	300°	Clear	A++	6
ILCANDB15NC039	B15	2	23	2700	230	115	80	300°	Clear	A++	7
ILCANDB15NC041	B15	4	36	2700	430	105	80	300°	Clear	A++	8



Filament Candle

Integral Filament Omni Lamps utilise Filament LED technology and a full-glass body to create a decorative look and wide beam angle that looks fantastic in chandeliers and fittings where the lamp is exposed. These retrofit lamps are highly efficient and are an ideal replacement for traditional tungsten filament bulbs.

Case Study:

Ecohome achieves true sustainability with help from Integral LED



Many of us dream of building our own home but few of us also aspire for that home to be completely 'off-the-grid'. Justin and Linda Tyers's vision to power their new build purely on roof-top solar panels was achieved by careful planning, pure determination and (in no small measure) the efficacy of Integral LED's lighting range.

Nestling in a steep valley in the middle of Somerset Exmoor National Park is a straw bale and timber-framed house, designed in a medieval style. It is the realisation of a life-long dream by the author and illustrator who built and designed the two-bedroom dwelling; an ambition sparked by childhood visits to a local open-air folk museum. The traditional 'cruck' design is sawn from local Douglas Fir and features exposed beams, wide-planked floors and lime plastered hay bale walls throughout. Externally the two-storey house is encased in an outer skin of barked edge weatherboards. Inside is an open plan wonder of wood and vaulted ceilings.

Powering today's lifestyle needs within the house without mains electricity was always the goal of the project. The couple's plan was always to live within their means by embracing free energy.

However living purely on sunrays requires a tight grip on electricity usage. Although the home is fully equipped with all the usual appliances that make life convenient – powered items have to be used in a measured way. On long sunny days, the 15 rooftop solar panels are capable of producing 4KW which can generate 10 kWh daily from a Somerset sky. Justin and Linda draw 8 kWh from the system on a typical day. Naturally, it is dark winter days that pose the greatest challenge. The home then falls back upon its reserves stored in a bank of batteries and power usage becomes frugal. It is on these short sunless days that LED lighting proves its worth as a key factor in the success of an off-grid ecohouse. Reducing the electricity needed to power a light from 50W to a mere 5W translates to a 90% saving when compared with conventional lighting.

It seems that when generating your own energy is concerned, adopting LED is an essential step.

"LED lights are absolutely indispensable part of an off-grid installation. The daily energy savings are the foundation of making solar energy viable throughout the year," commented Justin.

Broadly, the lighting scheme was split into two scenes that operate on separate dimmer controlled circuits. To suit the medieval and rustic charm of the interior, candle wall lights were chosen for the middle-level lighting. Integral LED filament 'Omni-Lamps' in clear glass were specified to produce a warm ambient glow throughout the dining and lounge area. For the alternative lighting phase the focus switched to the enhancement of the magnificent wooden beams and



posts that make up the vaulted high ceiling. Here four Integral LED 5-meter Strip and Driver kits were installed to provide a concealed and subtle uplight to highlight the internal frame of the building. Integral LED Aluminium Profiles were also fixed over the LEDs to

ensure a balanced diffused light which was free from glare.

At Integral LED we were delighted to have provided the lamps and luminaires for this inspirational and beautiful home. Beyond this, we were truly thrilled to

receive the news that Justin and Linda Tyers have won a prestigious national Homebuilding & Renovating Award for their project, in recognition of a house that represents exceptional value and embodies the pioneering spirit of self-build. ■

LED Lamps

Classic Frosted GLS

The Classic Full Glass Frosted range mirror the look of traditional light bulbs that have been used widely in homes for decades. These attractive and lightweight lamps are almost indistinguishable from frosted tungsten filament bulbs, but are far more efficient with a much longer life. These lamps can be instantly retrofit into existing fittings so you can immediately benefit from their high lm/W efficacy.



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Finish	Energy Rating	Pic.	
Classic Frosted GLS										15,000 hrs, 2 year warranty		
Non-Dimmable												
NEW	ILGLSE27NC063	E27	5.2	40	2700	470	90	80	300°	Frosted	A+	1
NEW	ILGLSE27NF064	E27	5.2	43	5000	520	100	80	300°	Frosted	A+	1
NEW	ILGLSE27NC065	E27	7.2	60	2700	806	112	80	300°	Frosted	A+	1
NEW	ILGLSE27NF066	E27	7.2	63	5000	850	118	80	300°	Frosted	A+	1
NEW	ILGLSE27NC080	E27	8.5	75	2700	1055	124	80	300°	Frosted	A++	1
NEW	ILGLSE27NF081	E27	8.5	77	5000	1100	129	80	300°	Frosted	A++	1
NEW	ILGLSB22NC076	B22	5.2	40	2700	470	90	80	300°	Frosted	A+	2
NEW	ILGLSB22NF077	B22	5.2	43	5000	520	100	80	300°	Frosted	A+	2
NEW	ILGLSB22NC078	B22	7.2	60	2700	806	112	80	300°	Frosted	A+	2
NEW	ILGLSB22NF079	B22	7.2	63	5000	850	118	80	300°	Frosted	A+	2
Dimmable												
NEW	ILGLSE27DC067	E27	7.5	60	2700	806	107	80	300°	Frosted	A+	1
NEW	ILGLSE27DF068	E27	7.5	63	5000	850	113	80	300°	Frosted	A+	1

LED Daylight Auto-sensor Lamp

Integral LED Auto Sensor Classic Globe lamps deliver a warm white light equivalent to 40W. As security lighting is on an average of 12 hrs. per day you can save over 20 GBP/29 EUR per bulb, per year on energy.*

Featuring dual daylight sensors that turn ON automatically at dusk and OFF at dawn, saving money and energy. Ideal for external porches, walkways, paths and patios. To be used in suitable enclosed outdoor fittings.



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	CRI >=	Beam Angle	Body Colour	Finish	Energy Rating	Pic.	
Classic Globe (GLS) - Auto-sensor Light detector switches ON at dusk and OFF at dawn - Dual Sensors for 360° operation - Die cast heat sink - injection moulded diffuser										25,000 hrs, 3 year warranty		
Non-Dimmable												
	ILGLSB22SC042	B22	8.5	60	2700	806	88	200°	White	Frosted	A+	1
	ILGLSE27SC043	E27	8.5	60	2700	806	80	200°	White	Frosted	A+	2
	ILGLSB22SF044	B22	6.6	40	5000	510	80	240°	White	Frosted	A+	1
	ILGLSE27SF045	E27	6.6	40	5000	510	80	240°	White	Frosted	A+	2
	ILGLSB22SF046	B22	9.5	60	5000	840	80	240°	White	Frosted	A+	1
	ILGLSE27SF047	E27	9.5	60	5000	840	80	240°	White	Frosted	A+	2
	ILGLSB22SC025	B22	5.5	40	2700	470	80	240°	White	Frosted	A+	2
	ILGLSE27SC026	E27	5.5	40	2700	470	80	200°	White	Frosted	A+	2

GLS



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Diffuser	Energy Rating	Pic.
GLS												15,000 hrs, 2 year warranty
Non-Dimmable												
ILGLSB22NC005	B22	5.5	40	2700	470	85	80	300°	Matt white	Frosted	A+	3
ILGLSB22NC010	B22	6	40	2700	470	78	80	260°	Matt white	Frosted	A+	1
NEW ILGLSB22NF071	B22	6	43	5000	500	111	80	260°	Matt white	Frosted	A+	-
ILGLSB22NC012	B22	9.5	60	2700	806	84	80	240°	Matt white	Frosted	A+	5
NEW ILGLSB22NF073	B22	9.5	60	5000	806	111	80	200°	Matt white	Frosted	A+	-
ILGLSB22NC014	B22	11	75	2700	1060	96	80	200°	Matt white	Frosted	A+	3
ILGLSB22NF016	B22	11	75	5000	1060	96	80	200°	Matt white	Frosted	A+	4
ILGLSB22NC018	B22	13	100	2700	1521	112	80	150°	Matt white	Frosted	A+	4
ILGLSB22NF031	B22	13.5	100	5000	1521	112	80	200°	Matt white	Frosted	A+	3
ILGLSB22NC049	B22	18	120	2700	1921	107	80	230°	Matt white	Frosted	A+	3
ILGLSB22NF051	B22	18	120	5000	2000	111	80	230°	Matt white	Frosted	A+	3
ILGLSE27NC029	E27	5.6	40	2400	350	63	80	240°	Matt white	Frosted	A+	1
ILGLSE27NC006	E27	5.8	40	2700	470	81	80	300°	Matt white	Frosted	A+	3
ILGLSE27NC009	E27	6	40	2700	470	78	80	240°	Matt white	Frosted	A+	5
NEW ILGLSE27NF070	E27	6	43	5000	500	111	80	260°	Matt white	Frosted	A+	-
ILGLSE27NC011	E27	9.5	60	2700	806	84	80	200°	Matt white	Frosted	A+	5
NEW ILGLSE27NF072	E27	9.5	60	5000	806	111	80	200°	Matt white	Frosted	A+	-
ILGLSE27NC013	E27	11	75	2700	1060	96	80	200°	Matt white	Frosted	A+	3
ILGLSE27NF015	E27	11	75	5000	1060	96	80	200°	Matt white	Frosted	A+	4
ILGLSE27NC017	E27	13.5	100	2700	1521	117	80	200°	Matt white	Frosted	A+	4
ILGLSE27NF030	E27	13.5	100	5000	1521	112	80	240°	Matt white	Frosted	A+	3
ILGLSE27NC048	E27	18	120	2700	1921	107	80	230°	Matt white	Frosted	A+	3
ILGLSE27NF050	E27	18	120	5000	2000	111	80	230°	Matt white	Frosted	A+	3
Dimmable - with compatible dimmers												
ILGLSB22DC020	B22	5.5	40	2700	470	85	80	240°	Matt white	Frosted	A+	5
ILGLSB22DC022	B22	8.5	60	2700	806	95	80	240°	Matt white	Frosted	A+	2
NEW ILGLSB22DC083	B22	10	60	2700	806	85	80	240°	Matt white	Frosted	A+	-
ILGLSB22DC024	B22	12	75	2700	1060	88	80	240°	Matt white	Frosted	A+	3
ILGLSB22DC033	B22	15	100	2700	1521	101	80	240°	Matt white	Frosted	A+	3
ILGLSE27DC019	E27	5.5	40	2700	470	85	80	240°	Matt white	Frosted	A+	1
ILGLSE27DC021	E27	8.5	60	2700	806	94	80	240°	Matt white	Frosted	A+	5
NEW ILGLSE27DC084	E27	10	60	2700	806	85	80	260°	Matt white	Frosted	A+	-
ILGLSE27DC023	E27	10.5	75	2700	1100	104	80	240°	Matt white	Frosted	A+	3
ILGLSE27DC032	E27	13.5	100	2700	1521	112	80	150°	Matt white	Frosted	A+	3

Candle



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Type	Diffuser	Energy Rating	Pic.
Candle											15,000 hrs, 2 year warranty	
Non-Dimmable												
ILCANDB22NC008	B22	3.1	25	2700	250	80	80	260°	Standard	Frosted	A+	4
ILCANDB22NC011	B22	3.1	25	2700	250	80	80	230°	Standard	Clear	A+	6
ILCANDB22NC003	B22	3.6	25	2700	250	69	80	300°	Matt white	Frosted	A+	10
ILCANDB22NF023	B22	5.4	40	5000	500	89	80	240°	Standard	Clear	A+	8
ILCANDB22NC016	B22	5.5	40	2700	470	85	80	280°	Standard	Frosted	A+	4
ILCANDB22NF017	B22	5.5	40	5000	500	100	80	280°	Standard	Frosted	A+	4
ILCANDB22NC022	B22	5.5	40	2700	470	85	80	240°	Standard	Clear	A+	9
ILCANDE27NC018	E27	5.5	40	2700	470	85	80	240°	Standard	Clear	A+	8
ILCANDE27NC012	E27	5.5	40	2700	470	85	80	280°	Standard	Frosted	A+	3
ILCANDE14NC032	E14	3.4	25	2400	200	59	80	280°	Standard	Frosted	A+	1
ILCANDE14NC006	E14	3.4	25	2700	250	73	80	280°	Standard	Frosted	A+	2
ILCANDE14NC009	E14	3.4	25	2700	250	80	80	240°	Standard	Clear	A+	2
ILCANDE14NC005	E14	5	40	2700	470	94	80	300°	Matt white	Frosted	A+	2
ILCANDE14NC019	E14	5.5	40	2700	470	85	80	240°	Standard	Clear	A+	8
ILCANDE14NF021	E14	5.5	40	5000	520	94	80	240°	Standard	Clear	A+	8
ILCANDE14NF015	E14	5.5	40	5000	500	91	80	280°	Standard	Frosted	A+	7
ILCANDE14NC013	E14	5.5	40	2700	470	85	80	280°	Standard	Frosted	A+	7
ILCANDE14NC054	E14	7.5	60	2700	806	107	80	280°	Standard	Frosted	A+	1
ILCANDE14NF055	E14	7.5	61	5000	830	111	80	280°	Standard	Frosted	A+	1
ILCANDB15NC010	B15	3.4	25	2700	250	80	80	240°	Standard	Clear	A+	5
ILCANDB15NC007	B15	3.4	25	2700	250	73	80	280°	Standard	Frosted	A+	2
ILCANDB15NC020	B15	5.5	40	2700	470	85	80	240°	Standard	Clear	A+	9
ILCANDB15NC014	B15	5.5	40	2700	470	85	80	280°	Standard	Frosted	A+	7
Dimmable - with compatible dimmers												
ILCANDB22DC030	B22	5.6	40	2700	470	75	80	240°	Standard	Clear	A+	11
ILCANDB22DC025	B22	6.2	40	2700	470	75	80	240°	Standard	Frosted	A+	10
ILCANDB22DF031	B22	6.2	40	5000	480	77	80	240°	Standard	Clear	A+	11
ILCANDB22DF027	B22	5.6	40	5000	500	89	80	280°	Standard	Frosted	A+	10
ILCANDE14DC028	E14	5.6	40	2700	470	83	80	240°	Standard	Clear	A+	11
ILCANDE14DC024	E14	5.6	40	2700	470	83	80	240°	Standard	Frosted	A+	7
ILCANDE14DF029	E14	5.6	40	5000	480	77	80	240°	Standard	Clear	A+	11
ILCANDE14DF026	E14	5.6	40	5000	500	89	80	280°	Standard	Frosted	A+	7

Candle and Mini Globe

Candle and Mini Globe ("golf ball") ranges from Integral LED are manufactured from the latest LED technology and components to ensure superior light output and to offer excellent energy savings when compared to halogen or incandescent equivalent products.

Available in frosted and clear finishes and dimmable and non-dimmable versions, Integral LED Candle and Mini Globe lamps retro-fit existing incandescent B22, E14, E27 and B15 lamp fittings.



Applications: They are ideally designed for lighting living areas such as bedrooms, dining rooms, living rooms and to be used with classic or modern wall mounted lighting fixtures.

Mini Globe - (Golf Ball)



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Diffuser	Energy Rating	Pic.
Mini Globe (Golf Ball)											15,000 hrs, 2 year warranty	
Non-Dimmable												
ILGOLFB22NC006	B22	3.4	25	2700	250	73	80	240°	Matt white	Frosted	A+	2
ILGOLFB22NC010	B22	3.4	25	2700	250	74	80	230°	Matt white	Clear	A+	4
ILGOLFB22NC014	B22	5.4	40	2700	470	87	80	240°	Matt White	Clear	A+	6
ILGOLFB22NC018	B22	5.5	40	2700	470	85	80	200°	Matt white	Frosted	A+	10
ILGOLFE27NC005	E27	3.4	25	2700	250	74	80	230°	Matt white	Frosted	A+	2
ILGOLFE27NC009	E27	3.4	25	2700	250	74	80	230°	Matt white	Clear	A+	4
ILGOLFE27NC013	E27	5.4	40	2700	470	87	80	240°	Matt white	Clear	A+	7
ILGOLFE27NC017	E27	5.5	40	2700	470	85	80	200°	Matt white	Frosted	A+	10
ILGOLFE14NC004	E14	3.4	25	2700	250	73	80	240°	Matt white	Frosted	A+	1
ILGOLFE14NC008	E14	3.4	25	2700	250	74	80	230°	Matt white	Clear	A+	4
ILGOLFE14NC012	E14	5.4	40	2700	470	87	80	240°	Matt white	Clear	A+	6
ILGOLFE14NC016	E14	5.5	40	2700	470	85	80	200°	Matt white	Frosted	A+	9
ILGOLFB15NC007	B15	3.1	25	2700	250	80	80	230°	Matt white	Frosted	A+	1
ILGOLFB15NC011	B15	3.4	25	2700	250	74	80	230°	Matt white	Clear	A+	5
ILGOLFB15NC015	B15	5.9	40	2700	470	79	80	210°	Matt white	Clear	A+	8
ILGOLFB15NC019	B15	5.5	40	2700	470	85	80	140°	Matt white	Frosted	A+	11
ILGOLFE14NC040	E14	7.5	60	2700	806	107	80	200°	Matt white	Frosted	A+	12
ILGOLFB22NC041	B22	7.5	60	2700	806	107	80	200°	Matt white	Frosted	A+	13
Dimmable - with compatible dimmers												
ILGOLFB22DC022	B22	5.6	40	2700	470	83	80	160°	Matt white	Frosted	A+	10
NEW ILGOLFB22DC045	B22	6.3	40	2700	470	75	80	260	Matt white	Frosted	A+	14
ILGOLFB22DC025	B22	6.2	40	2700	470	75	80	240°	Matt white	Clear	A+	6
NEW ILGOLFE27DC043	E27	6.3	40	2700	470	75	80	260	Matt white	Frosted	A+	14
ILGOLFE27DC024	E27	5.6	40	2700	470	84	80	240°	Matt white	Clear	A+	6
ILGOLFE14DC020	E14	5.6	40	2700	470	84	80	160°	Matt white	Frosted	A+	10
NEW ILGOLFE14DC044	E14	6.3	40	2700	470	75	80	260	Matt white	Frosted	A+	14
ILGOLFE14DC023	E14	5.6	40	2700	470	75	80	210°	Matt white	Clear	A+	6

Reflectors



Upgrade your halogen Reflector lamps (R50, R63, R80) to low-energy LED equivalents from Integral.

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Diffuser	Energy Rating	Pic.
Reflector											25,000 hrs, 3 year warranty	
Dimmable												
ILR50DD004	E14	7	73	3000	500	71	80	120°	Matt white	Frosted	A+	6
ILR63DD005	E27	9.5	77	3000	700	74	80	120°	Matt white	Frosted	A	7
ILR80DD006	E27	14	75	3000	1000	71	80	120°	Matt white	Frosted	A	8

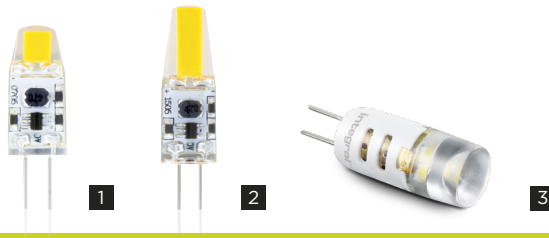
G9



Far more efficient than the halogen lamps they are designed to replace.

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Energy Rating	Pic.	
G9 Retrofit size											15,000 hrs, 2 year warranty	
Dimmable												
ILG9DC009	G9	3	28	2700	300	100	80	300°	Clear	A++	5	
ILG9DC010	G9	3	30	4000	320	107	80	300°	Clear	A++	5	
Non-Dimmable												
ILG9NC001	G9	1.5	10	2700	90	60	80	145°	Matt white	A+	6	
ILG9NF002	G9	1.5	10	5000	100	67	80	145°	Matt white	A+	6	
ILG9NC007	G9	2	20	2700	160	80	80	285°	Clear	A++	9	
ILG9NE008	G9	2	20	4000	170	85	80	285°	Clear	A++	9	
ILG9NC003	G9	2.5	20	2700	160	64	80	270°	Clear	A+	7	
ILG9NE004	G9	2.5	20	4000	180	72	80	270°	Clear	A+	7	
ILG9NC005	G9	3.2	28	2700	300	94	80	270°	Matt white	A++	8	
ILG9NE006	G9	3.2	28	4000	320	100	80	270°	Matt white	A++	8	

G4 (12V)



Integral LED G4 lamps will last for thousands of hours longer than the halogen lamps they are designed to replace.

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Energy Rating	Pic.
G4 Retrofit size										15,000 hrs, 2 year warranty	
Non-Dimmable											
ILG4NC003	G4	1.1	10	2700	100	91	80	260°	Clear	A++	1
ILG4NE004	G4	1.1	10	4000	110	100	80	260°	Clear	A++	1
ILG4NC005	G4	1.5	20	2700	160	107	80	275°	Clear	A++	2
ILG4NE006	G4	1.5	20	4000	170	113	80	275°	Clear	A++	2
ILG4NE002	G4	1.5	10	4000	90	60	80	155°	Matt white	A+	3

Pygmy



This E14 Pygmy lamp will provide energy efficient light for festoons, fridges and other displays with limited space. The A++ Energy Rating ensures minimal energy cost.

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Energy Rating	Pic.
Pygmy										15,000 hrs, 2 year warranty	
Non-Dimmable											
ILPYGE14N001	Pygmy	1.8	10	2700	160	89	80	140°	Matt white	A++	4

GX53



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Finish	Energy Rating	Pic.
GX53										15,000 hrs, 2 year warranty		
Non-Dimmable												
ILGX53N001	GX53	5	40	2700	530	106	80	100°	Matt white	Frosted	A+	5
ILGX53N002	GX53	5	40	4000	545	109	80	100°	Matt white	Frosted	A+	5

R7S



Integral LED R7S lamps provide up to 1250lm of light for less than 10W. They are ideal for commercial and residential use in floodlights and in compatible interior wall fittings, such as uplighters. As they are designed to retrofit easily into existing R7S fittings, you can effortlessly switch to the energy-saving benefits of LED at home and at work.

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Finish	Energy Rating	Pic.
R7S										15,000 hrs, 2 year warranty		
Non-Dimmable												
ILR7SN001	R7S	5.2	48	2700	600	115	80	360°	Matt white	Clear	A++	5
ILR7SN002	R7S	5.2	49	4000	620	119	80	360°	Matt white	Clear	A++	5
ILR7SN003	R7S	6.5	61	2700	820	126	80	360°	Matt white	Clear	A++	6
ILR7SN004	R7S	6.5	63	4000	850	130	80	360°	Matt white	Clear	A++	6
ILR7SN005	R7S	9.5	83	2700	1200	126	80	360°	Matt white	Clear	A++	7
ILR7SN006	R7S	9.5	85	4000	1250	132	80	360°	Matt white	Clear	A++	7

LED Lamps

IP65 PAR Lamps (Outdoor use)*



IP65
PAR38
1



Integral LED IP65-rated PAR lamps have been designed for use in outdoor areas such as gardens, country parks, and estates where you can illuminate flowerbeds, trees, statues and walls, for example, creating beautiful feature points. The lamps are available in a selection of colours, as well as a high CRI warm light (2700K).

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens ϕ lm	Lumens per watt	CRI \geq	Beam Angle	Body Colour	Energy Rating	Pic.
IP65 PAR										25,000 hrs, 2 year warranty		
Non-Dimmable												
ILPAR38NC007	E27	15	135	2700	1400	1200	93	90	36°	White	A+	1
ILPAR38NH008	E27	15	135	RED	-	-	-	-	36°	White	-	1
ILPAR38NI009	E27	15	135	GREEN	-	-	-	-	36°	White	-	1
ILPAR38NJ010	E27	15	135	BLUE	-	-	-	-	36°	White	-	1
ILPAR38NK011	E27	15	135	AMBER	-	-	-	-	36°	White	-	1

*Only for use in suitably rated outdoor fittings and sockets.

PAR Lamps



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens ϕ lm	Lumens per watt	CRI \geq	Beam Angle	Body Colour	Energy Rating	Pic.
PAR										25,000 hrs, 3 year warranty		
Dimmable with compatible dimmers												
ILPAR20DC004	E27	6	57	2700	450	415	75	80	30°	White	A+	5
57-53-74	E27	7.5	77	3000	620	590	83	80	36°	Dark Grey	A+	2
ILPAR30DC005	E27	9	88	2700	850	760	94	80	30°	White	A+	6
60-90-30	E27	12.5	130	3000	1200	1140	96	80	40°	Dark Grey	A+	3
ILPAR38DC006	E27	14	109	2700	1100	950	79	80	30°	White	A	7
67-37-91	E27	18.5	183	3000	1750	1645	95	80	40°	Dark Grey	A+	4

AR111 LED Lamps

Retro-fit LED AR111 are designed for general lighting particularly in retail, such as restaurants, shops, hotels and galleries. They can be used with AR111 lighting fixtures.



8

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens ϕ lm	Lumens per watt	CRI \geq	Beam Angle	Body Colour	Energy Rating	Pic.
AR111										25,000 hrs, 3 year warranty		
Dimmable with compatible transformers and dimmers												
21-13-84	G53	10.5	88	3000	920	820	88	80	35°	Silver	A+	8
ILAR111DE001	G53	10.5	88	4000	920	820	88	80	35°	Silver	A+	8
16-29-73	G53	16	110	3000	1250	1150	78	80	35°	Silver	A	8
Transformer												
EGLO92348		0-70W Transformer Input 220 - 240V AC Output Voltage 11.5V- Max output Current 6A										

LEDs future is driven by colour tuning and ambient tones

After proving itself as the most efficient light source, the LED lighting industry is now promoting new benefits including the quality of the light itself. LED can produce a complete spectrum of light with increased accuracy.

New products are available that match the needs and the moods of more demanding customers. As pioneers of this new wave of technology, Integral LED explain the importance of ambience and colour matching in two of our breakthrough spotlight products.

Lighting is a key factor in controlling the ambience of a room. The simple pleasure of 'dimming the lights down low' is a feature of the incandescent lighting era. Now lighting technologists have developed an LED lamp which dims to warm tones just like the lamps of old. Scientists tell us that human behaviour responds to different coloured light from "wide awake" blue to "relaxing" red. Certainly, warm evening illumination is welcomed in most homes when lighting is dimmed after the rigours of a long day.



1800K - 2700K

Characteristically halogen and tungsten filaments provided a natural glow when dimmed. The tones deepen into a warmer white as the current is lowered. As a non-thermal technology, LED lighting responds differently with dimmer controls and retains its colour gradient. In a move to restore this aesthetic quality, Integral LED has developed an LED GU10 spotlight that replicates the adjustable warm tone when setting a cosy scene. Integral's new WarmTone spotlight cycles between temperatures of 2700K (warm) to 1800K (ultra warm).

"The more you dim, the warmer the lamp becomes and the result bathes a dining room or lounge in ambient tones of light," added Samik Halai, Senior Product Manager at Integral LED.



"We also anticipate a strong demand from the retail and hospitality sector, where warm illumination is key to creating a relaxing setting."

Addressing another aspect of the quality of light, colour accuracy is crucial for certain groups of customers. For instance, retailers acknowledge a vital link between the appearance of displayed merchandise and sales revenue. A new wave of affordable LED spotlights with a high Colour Rendering Index is set to transform the retail scene. At Integral LED we have taken a major step in the development of lamps that illuminate colours accurately with the development of our 'Real Colour' GU10 spotlight, which has a CRI of 95.

High CRI LEDs were once the preserve of specialist luminaire manufacturers with prohibitive prices. Until this new wave of LED lights, earlier generations struggled to match the colour accuracy of legacy light sources. The breakthrough has been engineered using a single COB (Chip-on-Board) chip that has enabled improved colour performance. Essentially, the LED array, once exclusive to high-end luminaires, has been incorporated within a GU10 for the wider market. The Integral LED 'Real Colour' Spotlight delivers a highly tuned correlated colour temperature (CCT) and is calibrated to less than three steps on a MacAdam ellipse. Increased scale of production has made this

once expensive feature affordable and therefore accessible to all.

"The bottom line is that the Real Colour GU10 spotlight makes all types of merchandise appear more attractive - from food to fashion - which increases customer interest and ultimately generates more sales".

At Integral LED, we believe that our Real Colour lights are destined to make a big impact within interior design, where the true colour representation of wall coverings and soft furnishing is highly desirable. The price of the new lamps also appeal to lower budget decorative projects, that use installers directly. ■



Samik Halai
Senior Product Manager



LED WarmTone GU10

The dimmer the light, the warmer the colour



- ✓ WarmTone closely resembles the dimming behaviour of halogen or incandescent lamps.
- ✓ Ideal for bringing a cosy atmosphere to your home, retail or hospitality environment.

**Warm
TONE**



Ultra Warm 1800K

Warm 2700K

Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens Φ lm	Lumens per watt	Candela Cd	CRI \geq	Beam Angle	Body Colour	Energy Rating
GU10 - Warm to dim technology												
Dimmable												
ILGU10DC097	GU10 PAR16	5.5	55	1800-2700	420	380 Φ	76	700	80	36°	Matt white	A+

GU10 - Real Colour

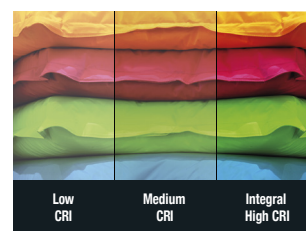


1

Real Colour CRI 95

Rich reds, pretty pinks, gorgeous greens - Integral Real Colour GU10 Spotlights utilise a chip-on-board LED with high colour rendering (CRI 95) to bring out the colour in any space - including homes, retail businesses, galleries and showrooms.

Your colours will appear more vibrant and better defined than with a standard LED spotlight (CRI 80) - ideal for showing colourful furniture, artwork, fashion, food and other retail products at their best. The crystal-effect lens adds a retro sparkle that delivers a diffused light and looks good when the lamp is on or off.



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens Φ lm	Lumens per watt	Candela Cd	CRI >=	Beam Angle	Body Colour	Energy Rating	Pic.
GU10 - CRI 95+, COB Technology												25,000 hrs, 3 year warranty	
Non-Dimmable													
ILGU10NC077	GU10 PAR16	7	50	2700	380	350 Φ	54	630	95	36°	Matt white	A	1
ILGU10NE078	GU10 PAR16	7	57	4000	440	400 Φ	63	750	95	36°	Matt white	A	1
Dimmable													
ILGU10DC079	GU10 PAR16	7	50	2700	380	350 Φ	54	630	95	36°	Matt white	A	1
ILGU10DE080	GU10 PAR16	7	57	4000	440	400 Φ	63	750	95	36°	Matt white	A	1

GU10 - Glass



2



NEW

3

Back to Glass

The ideal replacement for halogen lamps.

Integral have developed a high-performance LED GU10 to revive the aesthetic look of a dichroic halogen spotlight and produce a very similar light output, with all the benefits of LED. The perfect complement for many existing decorative luminaires, including those where the lamp is exposed in the fitting.

1 Pack Code	5 Pack Code	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens Φ lm	Lumens per watt	Candela Cd	CRI >=	Beam Angle	Body Colour	Energy Rating	Pic.
GU10 - Glass												15,000 hrs, 2 year warranty	
Non-Dimmable													
	ILGU10NC057-5	3.2	35	2700	260	230 Φ	81	450	80	36°	Glass	A+	2
	ILGU10NE058	3.2	38	4000	290	250 Φ	91	450	80	36°	Glass	A+	2
	ILGU10NC083	4.7	50	2700	390	345 Φ	83	850	80	36°	Glass	A+	3
	ILGU10NE084	4.7	53	4000	425	370 Φ	90	900	80	36°	Glass	A+	3
	ILGU10NG085	4.7	53	6500	425	370 Φ	90	900	80	36°	Glass	A+	3
Dimmable													
	ILGU10DC086	5.6	50	2700	400	345 Φ	71	900	80	36°	Glass	A+	3
	ILGU10DE087	5.6	56	4000	450	390 Φ	80	980	80	36°	Glass	A+	3
	ILGU10DG088	5.6	56	6500	450	390 Φ	80	980	80	36°	Glass	A+	3

Directional - GU10 Spotlights

The Integral LED GU10 range has been refined to offer a superior light output whilst maintaining optimum efficiency.

GU10 lamps from Integral LED deliver a true directional light that closely matches the beam angle and light pattern of halogen lamps.



Applications: Commercial and domestic; including reception areas, boardrooms, hospitality, retail, living rooms, kitchens and hallways.

GU10 - Classic



1 Pack Code	5 Pack Code	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens ϕ lm	Lumens per watt	Candela Cd	CRI \geq	Beam Angle	Body Colour	Energy Rating	Pic.
GU10 - Classic look											15,000 hrs, 2 year warranty		
Non-Dimmable													
ILGU10NC089	ILGU10NC089-5	4.7	53	2700	410	370 ϕ	87	700	80	36°	Matt white	A+	2
ILGU10NE090	ILGU10NE090-5	4.7	58	4000	450	410 ϕ	96	800	80	36°	Matt white	A+	2
ILGU10NG091	-	4.7	56	6500	450	410 ϕ	96	750	80	36°	Matt white	A++	2
ILGU10NC070	ILGU10NC070-5	5.7	65	2700	500	460 ϕ	88	800	80	36°	Matt white	A+	2
ILGU10NE071	ILGU10NE071-5	5.7	68	4000	530	480 ϕ	93	900	80	36°	Matt white	A+	2
Dimmable													
ILGU10DC092	ILGU10DC092-5	5.5	56	2700	440	390 ϕ	80	800	80	36°	Matt white	A+	1
NEW	ILGU10DD098	-	5.5	3000	440	390 ϕ	80	800	80	36°	Matt white	A+	3
ILGU10DE093	ILGU10DE093-5	5.5	60	4000	470	420 ϕ	85	850	80	36°	Matt white	A+	1
ILGU10DG094	-	5.5	57	6500	470	420 ϕ	85	900	80	36°	Matt white	A+	1
NEW	ILGU10DC100	-	6.5	65	2700	520	80	550	80	55°	Matt white	A+	4
NEW	ILGU10DE101	-	6.5	68	4000	540	83	600	80	55°	Matt white	A+	5
ILGU10DC075	ILGU10DC075-5	7	65	2700	520	460 ϕ	74	850	80	36°	Matt white	A+	2
NEW	ILGU10DD099	-	7	81	3000	660	94	1000	80	36°	Matt white	A+	6
ILGU10DE076	ILGU10DE076-5	7	70	4000	570	500 ϕ	81	900	80	36°	Matt white	A+	2

10 Pack Quick Code	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens ϕ lm	Lumens per watt	Candela Cd	CRI \geq	Beam Angle	Body Colour	Energy Rating	Pic.	
GU10 - Classic look											15,000 hrs, 2 year warranty		
Non-Dimmable													
ILGU10NC070-10	5.7	65	2700	500	460 ϕ	88	800	80	36°	Matt white	A+	2	
ILGU10NE071-10	5.7	68	4000	530	480 ϕ	93	900	80	36°	Matt white	A+	2	
Dimmable													
ILGU10DC092-10	5.5	56	2700	440	390 ϕ	80	800	80	36°	Matt white	A+	1	
NEW	ILGU10DD098-10	5.5	56	3000	440	390 ϕ	80	800	80	36°	Matt white	A+	3
ILGU10DE093-10	5.5	60	4000	470	420 ϕ	85	850	80	36°	Matt white	A+	1	
ILGU10DC075-10	7	65	2700	520	460 ϕ	74	850	80	36°	Matt white	A+	2	
NEW	ILGU10DD099-10	7	81	3000	660	94	1000	80	36°	Matt white	A+	6	
ILGU10DE076-10	7	70	4000	570	500 ϕ	81	900	80	36°	Matt white	A+	2	

Directional - MR16 Spotlights

The MR16 GU5.3 range from Integral LED is manufactured from the latest LED technology and components to ensure superior light output and to offer excellent energy savings of up to 85% when compared to halogen equivalent products.

MR16s are very popular in commercial and domestic environments. Integral LED MR16 GU5.3 lamps are designed to retrofit easily into existing MR16 halogen lamp fittings (with LED compatible drivers and dimmers).



Applications: Commercial and domestic; including reception areas, boardrooms, hospitality, retail, living rooms, kitchens and hallways.

MR16 - Classic, Glass



1

1 Pack Code	3 Pack Code	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens Φ lm	Lumens per watt	Candela Cd	CRI \geq	Beam Angle	Body Colour	Energy Rating	Pic.
Classic MR16												15,000 hrs, 2 year warranty	
Non-Dimmable													
ILMR16NCO33	ILMR16NCO33-3	5	36	2700	410	370 Φ	82	700	80	36°	White	A+	1
ILMR16NEO34	ILMR16NEO34-3	5	39	4000	450	410 Φ	84	800	80	36°	White	A+	1
Dimmable													
ILMR16DC037	ILMR16DC037-3	4.6	35	2700	380	345 Φ	83	700	80	36°	White	A+	1
ILMR16DE038	ILMR16DE038-3	4.6	37	4000	420	380 Φ	91	800	80	36°	White	A+	1



2

1 Pack Code	3 Pack Code	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens Φ lm	Lumens per watt	Candela Cd	CRI \geq	Beam Angle	Body Colour	Energy Rating	Pic.
Glass MR16												15,000 hrs, 2 year warranty	
Non-Dimmable													
ILMR16NCO29	ILMR16NCO29-3	4.8	35	2700	390	345 Φ	81	650	80	36°	Glass	A+	2
ILMR16NEO30	ILMR16NEO30-3	4.8	38	4000	470	400 Φ	98	700	80	36°	Glass	A+	2
Dimmable													
ILMR16DC031	ILMR16DC031-3	5.2	35	2700	390	345 Φ	75	650	80	36°	Glass	A+	2
ILMR16DE032	ILMR16DE032-3	5.2	38	4000	470	400 Φ	90	700	80	36°	Glass	A+	2

MR16 - High lumen - 12V



1

1 Pack Code	3 Pack Code	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens \varnothing lm	Lumens per watt	Candela Cd	CRI >=	Beam Angle	Body Colour	Energy Rating	Pic.
Classic MR16											15,000 hrs, 2 year warranty		
Non-Dimmable													
ILMR16NC035	ILMR16NC035-3	8.3	50	2700	680	621 \varnothing	82	1500	80	36°	White	A+	1
ILMR16NE036	ILMR16NE036-3	8.3	51	4000	700	640 \varnothing	84	1600	80	36°	White	A+	1
Dimmable													
ILMR16DC039	ILMR16DC039-3	8.3	50	2700	680	621 \varnothing	82	1500	80	36°	White	A+	1
ILMR16DE040	ILMR16DE040-3	8.3	51	4000	700	640 \varnothing	84	1600	80	36°	White	A+	1

INFO
 Convert current 12V to MR11 240V
 Ask for more details

MR11



Quick Code	Base	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Useful Lumens \varnothing lm	Lumens per watt	Candela Cd	CRI >=	Beam Angle	Body Colour	Energy Rating	Pic.	
MR11											15,000 hrs, 2 year warranty			
Non-Dimmable														
ILMR11NC009	MR11 GU4	3.7	35	2700	360	345 \varnothing	97	800	80	30°	White	A++	3	
ILMR11NE010	MR11 GU4	3.7	37	4000	390	370 \varnothing	105	850	80	30°	White	A++	3	
ILMR11NC007	MR11 GU10	3.4	40	2700	300	270 \varnothing	88	550	80	36°	White	A++	5	
ILMR11NE008	MR11 GU10	3.4	43	4000	320	290 \varnothing	94	600	80	36°	White	A++	5	
Dimmable														
NEW	ILMR11DC011	MR11 GU10	3.6	40	2700	290	270 \varnothing	80	550	80	36°	White	A+	6
NEW	ILMR11DE012	MR11 GU10	3.6	42	4000	300	280 \varnothing	83	600	80	36°	White	A++	6

USB Table Light

An attractive addition to any bedside, the Integral LED USB Table Light and Pass-Through Charger is a compact and versatile light with intuitive touch controls. The LED Table Light features a soft, dimmable light and includes a USB output, so you can charge devices such as smartphones and tablets. A 60 minute sleep timer makes the Table Light ideal for children who struggle to sleep in darkness.

Features

- Touch activated, dimmable light
- Pass-through power. Charge your smartphone or tablet and use the light at the same time
- Includes USB socket to plug in your existing smartphone or tablet charger cable
- Supplied with a 1.5m USB to micro USB cable to power the unit
- Great addition to any bedside table or sideboard
- 60 minute sleep timer
- Soft, warm light



Featuring a dimmable soft light with a 60-minute sleep timer. It features pass-through charging, so you can conveniently charge your phone and tablet from its USB port.

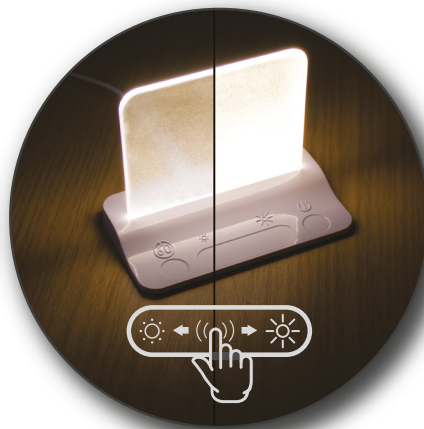
White
Base Available

Pink
Base Available

 **Designed in the UK**



Charge your phone or tablet



Dimmable light



60 Minute Timer

Quick Code	Input	Output	Lumens	Power Usage
ILTL-WH	USB Micro-B / 5V / 0.5A minimum for light only / 1.0A recommended for charging / 2.0A maximum	USB (Type A) / 5V Up to 1.5A	145	2W (LED light Only)
ILTL-PK	USB Micro-B / 5V / 0.5A minimum for light only / 1.0A recommended for charging / 2.0A maximum	USB (Type A) / 5V Up to 1.5A	145	2W (LED light Only)

LED Night Light

Light up your hallway or any room with a soft, gentle, cool light. Save money with the LED auto sensor technology that is economical to run and automatically switches the night light ON at dusk and OFF at dawn.

The high quality long-life LED means no light bulb changes. The night light is cool to the touch and its low profile design will look stylish in any setting.

UK 3-pin and EU 2-pin models available.

Features

- Automatically switches ON at dusk and OFF at dawn
- Energy saving design - Less than 2p/3¢* a week to run
- Produces a soft and gentle cool light
- Ideal for hallways and bedrooms
- Stylish low-profile design
- Cool to the touch
- 3-year limited warranty



UK plug



EU plug



Applications: The Integral LED energy saving Night Light is a great addition to any home. Suitable for any room including hallways, bedrooms and nurseries.

Part Number	1 Pack Code	2 Pack Code
UK 3-pin	ILNL-CL-UK (78-90-78)	ILNL-CL-UK-2 (66-41-19)
EU 2-pin	ILNL-CL-EU (98-28-92)	ILNL-CL-EU-2 (55-02-42)
Power Rating	220 - 240V 50/60 Hz	220 - 240V 50/60 Hz
Power Usage	0.6W	0.6W
Current	20mA	20mA
Dimensions	116.7H 76W 25.4 D (mm) (UK model)	116.7H 76W 25.4 D (mm) (UK model)

Evofire IP65 Fire Rated Downlight

Fire Rated lighting has evolved
- and never looked better

Ultra-thin 'blend-in' bezel - only 1mm

The Evofire Fire Rated Downlight is a safe and attractive fitting for an LED GU10 or MR16 lamp. Designed by Integral LED in the UK. Lamps installed in an Evofire run at up to 10°C cooler than a typical can-style fire rated downlight - this can extend the lifetime of your lamps.

- Engineered and patented in the UK by Integral LED
- Low profile body - ideal for shallow ceilings
- Lightweight steel construction, easy to remove from ceiling to change lamps
- High-quality powder coated finish
- Quality assured with 3 year warranty
- Certified by UKAS EXOVA Warringtonfire



 Designed in the UK

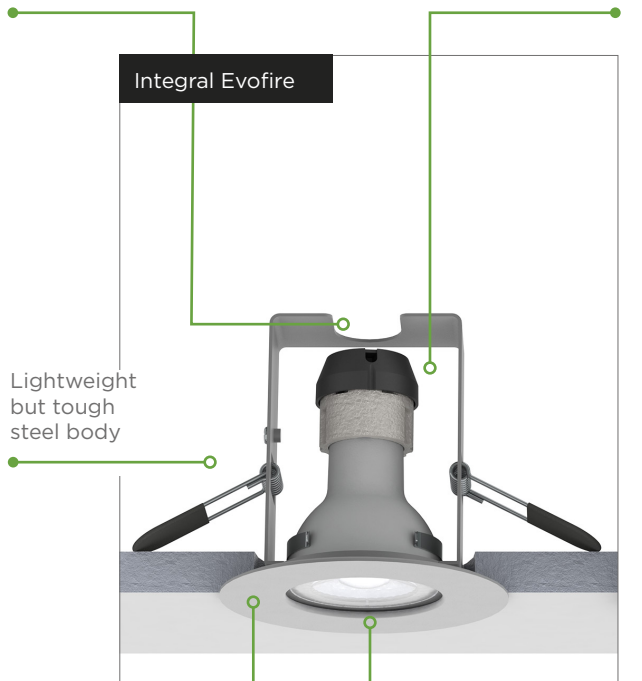


Selected models feature an Insulation Guard allowing loft insulation to be safely laid over the downlight

Evolutionary canless design allows more heat to disperse, prolonging LED lamp life - Patent pending*

'Can' design traps heat, leading to reduced lamp life

Fire protection situated behind the lamp and above the ceiling

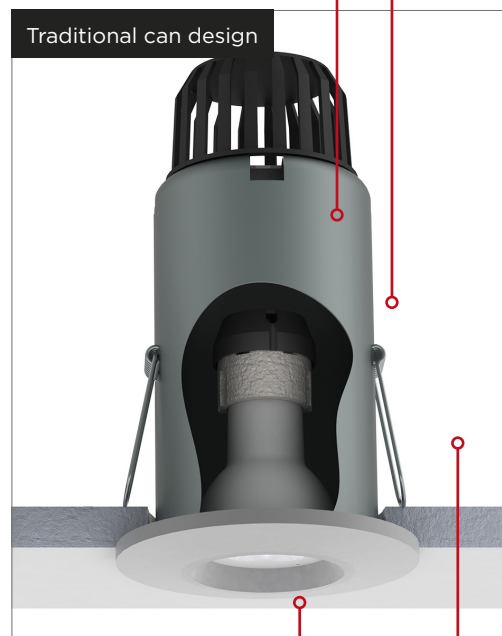


Integral Evofire

Lightweight but tough steel body

Ultra-thin (1mm) steel 'blend-in' bezel for a discreet finish; downlight looks great in any ceiling

Fire protection positioned below the lamp (no need for intumescent material)



Traditional can design

Bulky bezel up to 8mm

Insulation guard and bezel sold separately at additional cost

*GB1621708.5

Fire Rated LED Downlights



Evofire

Quick Code	Cut-out mm	Finish	Multi Pack	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	Pic.
White							3 year warranty
Round							
ILD LFR70D001	70	White	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	1
ILD LFR70D001-4	70	White	4 Pack	-	GU10 Holder	Loop-in Loop-out Terminal Block	1
ILD LFR70D003	70	White	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	2
ILD LFR70D003-3	70	White	3 Pack	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	2
NEW ILD LFR70D015	70-100mm	White	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	3
NEW ILD LFR70D013	70-100mm	White	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	3
Round Recessed							
NEW ILD LFR70E001	70	White	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	4
NEW ILD LFR70E003	70	White	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	4
Square							
ILD LFR70D007	70	White	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	5
ILD LFR70D009	70	White	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	5



Evofire

Quick Code	Cut-out mm	Finish	Multi Pack	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	Pic.
Satin Nickel							3 year warranty
Round							
ILD LFR70D002	70	Satin Nickel	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	1
ILD LFR70D002-4	70	Satin Nickel	4 Pack	-	GU10 Holder	Loop-in Loop-out Terminal Block	1
ILD LFR70D004	70	Satin Nickel	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	2
ILD LFR70D004-3	70	Satin Nickel	3 Pack	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	2
NEW ILD LFR70D016	70-100mm	Satin Nickel	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	3
NEW ILD LFR70D014	70-100mm	Satin Nickel	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	3
Round Recessed							
NEW ILD LFR70E002	70	Satin Nickel	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	4
NEW ILD LFR70E004	70	Satin Nickel	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	4
Square							
ILD LFR70D008	70	Satin Nickel	-	-	GU10 Holder	Loop-in Loop-out Terminal Block	5
ILD LFR70D010	70	Satin Nickel	-	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	5



Evofire

Quick Code	Cut-out mm	Finish	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	Pic.
Polished Chrome						3 year warranty
Round						
NEW ILDLFR70D017	70	Polished Chrome	-	GU10 Holder	Loop-in Loop-out Terminal Block	1
NEW ILDLFR70D018	70	Polished Chrome	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	2
NEW ILDLFR70D021	70-100mm	Polished Chrome	-	GU10 Holder	Loop-in Loop-out Terminal Block	3
NEW ILDLFR70D020	70-100mm	Polished Chrome	Insulation Guard	GU10 Holder	Loop-in Loop-out Terminal Block	3



Quick Code	Cut-out mm	Finish	Pic.
Round Evofire Adapters			
3 year warranty			
ILDLFR70D005	70-100mm	White	1
ILDLFR70D006	70-100mm	Satin Nickel	2
NEW ILDLFR70D019	70-100mm	Polished Chrome	3



The luxury choice for fire rated downlights

Fire rated downlights are a key product for Integral LED. Fire safety is of course a major concern in the architectural and construction sectors

Supplied with a white scalloped metal bezel with a premium powder-coated paint finish

and we are determined that no lighting designer should ever have to choose between style and safety.

The Lux Fire was our first fire rated downlight and was produced with this objective in mind - an aesthetic, luxury downlight that is easy to install and will maintain the fire integrity of any ceiling it is installed in.

The 'luxury' element comes from a deep recessed COB LED, installed in the centre of a high quality refractor. This creates a discreet, low-glare light with a softened beam, that truly lifts the look of any room. The contemporary design features an interchangeable scalloped bezel

Deep recessed LED for discreet lighting and low-glare

available in white, chrome, satin nickel and paintable matt black.

The safety credentials of the Lux Fire are equally impressive, with 30 minute, 60 minute and 90 minute fire rating certification. The downlight also meets British standards for sound insulation and air tightness. The IP65 rating of the Lux Fire ensures dust and moisture resistance, so you can confidently install the downlight in kitchens and bathrooms.

Lux Review, one of the lighting industry's leading publications, awarded the Lux Fire downlight 4 Stars in their review of fire rated downlights. Lux's Technical Editor Alan Tulla stated *"This is a simple, compact and attractive downlight. Integral LED is a very technically competent company. It has its own lab in the UK and every product is fully tested. We have reviewed some of its other products and they consistently perform very well"*. ■



Fire Rated halogen replacement Downlights - Lux Fire

Luxury meets fire-rated.



Who says you can't have style without safety? The new range of Integral LED Fire Rated downlights not only conforms to 30, 60 and 90mins fire rating specifications but have been designed to deliver a low-glare, high quality light with a contemporary design that will look impressive in any setting.

- Beam has softened edges for a luxurious effect
- Fire Rated to 30, 60 and 90 minutes ceilings
- High quality stylish design
- Low-glare with a recessed COB LED
- Easy to install with low-profile body
- Complete with dimmable or non-dimmable Loop-in / Loop-out driver
- IP65 and Air Tightness Compliant with Part C and Part L
- Resistance to Sound Compliant with Part E
- High quality powder coated finish



Choice of 3 interchangeable scalloped metal bezels

PART B Fire safety

Product tested to BS 476 Part 21 to confirm compliance for fire resistance of load bearing floors are not compromised by fitting the downlight. Tested for 30, 60 and 90 minutes fire resistance constructions.



Quick Code	Cut-out mm	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Finish	L1 Compliant	L2 Compliant	Pic.
------------	------------	-----------	--------------	--------	-----------	-----------------	--------	------------	--------	--------------	--------------	------

Fire Rated Downlight - with clear diffuser and dimmable driver, supplied with white bezel

35,000 hrs, 3 year warranty

Dimmable

ILD LFR70A001	70	6	38	3000	410	68	80	36°	White	✓	✓	1
ILD LFR70A002	70	6	38	4000	410	68	80	36°	White	✓	✓	1
ILD LFR70A005	70	9	51	3000	640	71	80	36°	White	✓	✓	1
ILD LFR70A006	70	9	51	4000	640	71	80	36°	White	✓	✓	1
ILD LFR70A007	70	9	51	3000	640	71	80	55°	White	✓	✓	1
ILD LFR70A008	70	9	51	4000	640	71	80	55°	White	✓	✓	1
ILD LFR70A009	70	12	62	3000	850	71	80	55°	White	✓	✓	1
ILD LFR70A010	70	12	62	4000	850	71	80	55°	White	✓	✓	1

Quick Code	Cut-out mm	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Finish	L1 Compliant	L2 Compliant	Pic.
------------	------------	-----------	--------------	--------	-----------	-----------------	--------	------------	--------	--------------	--------------	------

Fire Rated Downlight - with clear diffuser and non-dimmable driver, supplied with white bezel

35,000 hrs, 3 year warranty

Non-Dimmable

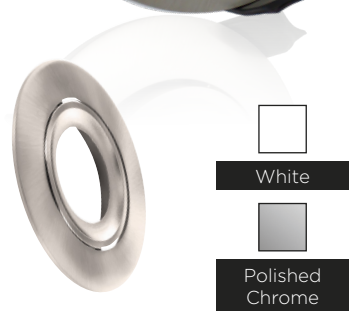
ILD LFR70A003	70	6	38	3000	410	68	80	36°	White	✓	✓	1
ILD LFR70A004	70	6	38	4000	420	70	80	36°	White	✓	✓	1

Accessories for Lux Fire Downlight

ILEMPK010*	2.5W 3hr Emergency Kit
ILEMAK012	Male and female connector for Lux Fire Fire Rated Downlights and emergency kit ILEMPK010

*In emergency mode light output will be 10% of the total lumens

Fire Rated LED Downlights



Moisture and dust proof silicone seal prevents air and heat loss

Tiltable Fire Rated halogen replacement Downlights - Lux Fire

This premium LED downlight offers the efficiency of LED, the safety of fire rating certification and the flexibility of an adjusting, tiltable design.

The recessed COB LED provides a low-glare, high-quality light that can be tilted to illuminate specific areas or features in a room. The lamp is IP65 and fire rated to 30, 60 and 90 minutes and is air-tight and sound resistant. The stylish body means the downlight looks great either on or off.

- Complete with dimmable or non-dimmable Loop-in / Loop-out driver
- IP65 and Air Tightness Compliant with Part C and Part L
- Resistance to Sound Compliant with Part E

PART B Fire safety

Product tested to BS 476 Part 21 to confirm compliance for fire resistance of load bearing floors are not compromised by fitting the downlight. Tested for 30, 60 and 90 minutes fire resistance constructions.



ILD LFR92C013

Quick Code	Cut-out mm	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Finish	L1 Compliant	L2 Compliant	Pic.
Fire Rated Downlight - with clear diffuser and dimmable driver, supplied with white or satin nickel bezel										35,000 hrs, 3 year warranty		
Dimmable												
ILD LFR92C001	92	6	41	3000	430	72	80	36°	White	✓	✓	1
ILD LFR92C003	92	6	41	4000	450	75	80	36°	White	✓	✓	1
ILD LFR92C005	92	9	51	3000	650	72	80	36°	White	✓	✓	1
ILD LFR92C006	92	9	55	4000	680	76	80	36°	White	✓	✓	1
ILD LFR92C007	92	9	51	3000	650	72	80	55°	White	✓	✓	1
ILD LFR92C008	92	9	55	4000	680	76	80	55°	White	✓	✓	1
ILD LFR92C009	92	11	62	3000	850	77	80	55°	White	✓	✓	1
ILD LFR92C010	92	11	64	4000	890	81	80	55°	White	✓	✓	1
ILD LFR92C015	92	6	40	3000	430	72	80	36°	Satin Nickel	✓	✓	1
ILD LFR92C016	92	6	41	4000	450	75	80	36°	Satin Nickel	✓	✓	1
ILD LFR92C017	92	11	62	3000	850	77	80	55°	Satin Nickel	✓	✓	1
ILD LFR92C018	92	11	64	4000	890	81	80	55°	Satin Nickel	✓	✓	1
Non-Dimmable												
ILD LFR92C002	92	6	41	3000	420	70	80	36°	White	✓	✓	1
ILD LFR92C004	92	6	41	4000	430	72	80	36°	White	✓	✓	1

Accessories for Lux Fire Downlight

ILEMPK010* 2.5W 3hr Emergency Kit

ILEMAK012 Male and female connector for Lux Fire Fire Rated Downlights and emergency kit ILEMPK010

*In emergency mode light output will be 10% of the total lumens

Safety, Style and Affordability - all in one downlight!

In our effort to produce the right LED solution to match all budgets, Integral LED are proud to introduce our new range of **Low-Profile Fire Rated Downlights**. These low-profile lamps are IP65 and fire rated to 30, 60 and 90 minutes with Warm White and Cool White colour temperature options and dimmable or non-dimmable options available. Importantly, these lamps are designed to offer the safety and quality of other Fire Rated Downlights but with a lower price-tag.

Interchangeable bezels (sold separately) in polished chrome, satin nickel and paintable black are available for the Integral Value Fire Rated Downlight range and some models are available with the chrome bezel out of the box.



PART B Fire safety

Product tested to BS 476 Part 21 to confirm compliance for fire resistance of load bearing floors are not compromised by fitting the downlight.

Tested for 30, 60 and 90 minutes fire resistance constructions.



Quick Code	Cut-out mm	Watts (W)	Eq Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Finish	L1 Compliant	L2 Compliant	Pic.
Fire Rated Downlight - with clear diffuser and dimmable driver										25,000 hrs, 3 year warranty		
Dimmable												
ILD LFR70B001	70	6	40	3000	430	72	80	38°	White	✓	✓	1
ILD LFR70B003	70	6	40	4000	440	73	80	38°	White	✓	✓	1
ILD LFR70B008	70	6	40	3000	430	72	80	38°	Polished Chrome	✓	✓	2
ILD LFR70B009	70	6	40	4000	440	73	80	38°	Polished Chrome	✓	✓	2
ILD LFR70B010	70	8.5	51	3000	640	75	80	60°	White	✓	✓	1
ILD LFR70B011	70	8.5	51	4000	660	78	80	60°	White	✓	✓	1
ILD LFR70B012	70	10	61	3000	830	83	80	60°	White	✓	✓	1
ILD LFR70B013	70	10	62	4000	850	85	80	60°	White	✓	✓	1
ILD LFR70B014	70	6	40	3000	430	72	80	38°	Satin Nickel	✓	✓	3
ILD LFR70B015	70	6	40	4000	440	74	80	38°	Satin Nickel	✓	✓	3
ILD LFR70B016	70	10	61	3000	830	83	80	38°	Satin Nickel	✓	✓	3
ILD LFR70B017	70	10	62	4000	850	85	80	38°	Satin Nickel	✓	✓	3
ILD LFR70B019	70	6	40	3000	430	72	80	38°	-	✓	✓	-
ILD LFR70B021	70	6	40	4000	440	73	80	38°	-	✓	✓	-
ILD LFR70B023	70	10	61	3000	830	83	80	60°	-	✓	✓	-
ILD LFR70B024	70	10	62	4000	850	85	80	60°	-	✓	✓	-
Non-Dimmable												
ILD LFR70B002	70	6	40	3000	430	72	80	38°	White	✓	✓	1
ILD LFR70B004	70	6	40	4000	440	73	80	38°	White	✓	✓	1
ILD LFR70B020	70	6	40	3000	430	72	80	38°	-	✓	✓	-
ILD LFR70B022	70	6	40	4000	440	73	80	38°	-	✓	✓	-

Accessories for Low-Profile Fire Rated Downlight

ILEMPK010* 2.5W 3hr Emergency Kit

ILEMAK025 Male and Female connector for Low-Profile Fire Rated Downlights and emergency kit ILEMPK010

*In emergency mode light output will be 10% of the total lumens

LED Downlights

Multi-Fit Downlight

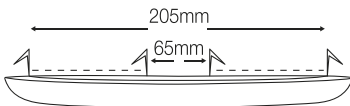
This ultra-thin (15.5mm) downlight is supplied with adjustable brackets and clips allowing for installation in cut-outs ranging from 65-205mm. The clips can also be removed to surface mount the downlight. Visible flicker is eliminated with the integrated driver and a frosted diffuser provides uniform light.

Features

- Configurable bracket and clips to fit 65-205mm cut-out
- Surface mount with installation bracket
- Integrated driver eliminates visible flicker
- Diffuser provides uniform light
- 15.5mm ultra-thin low profile design



Applications: Commercial offices, municipal buildings, retail environments, hotels and residential areas.



Multiple cut-out sizes



Surface mount



ø: 65-205mm

Quick Code	Base	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Pic.	
Multi-Fit Adjustable Downlights								3 year warranty	
Non-Dimmable									
NEW	ILDL205-65G001	65-205mm	18	3000	1440	80	80	120	1
NEW	ILDL205-65G002	65-205mm	18	4000	1530	85	80	120	2

Performance FLEX Downlights

Performance Flex downlights utilise a recessed COB LED for reduced glare and uniform light. The expertly designed refractor adds a designer sparkle and looks great when the downlight is on and off. A wide selection of twist and

lock bezels (sold separately) allow consumers and lighting designers to customise the downlight for their ideal look. A simple, secure and accurate installation system allows the Performance Flex downlight to be fitted quickly and easily.



Choice of 5 interchangeable metal and glass bezels



Quick Code	Cut-out mm	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	L1 Compliant	L2 Compliant	Pic.
Downlights								50,000 hrs, 3 year warranty		
Dimmable - with compatible dimmers										
ILD150E001	150	15	4000	1350	90	80	60°	✓	✓	1
Bezels										
ILD150E002	Round White Bezel for 150mm downlight									3
ILD150E003	Round Black Bezel for 150mm downlight									6
ILD150E004	Round Grey Bezel for 150mm downlight									5
ILD150E005	Round Drop Glass Bezel for 150mm downlight									4
ILD150E006	Square White Bezel for 150mm downlight									2
Non-Dimmable										
ILD200E007	200	30	4000	2700	90	80	60°	✓	✓	1
Dimmable - with compatible dimmers										
ILD200E008	200	30	4000	2700	90	80	60°	✓	✓	1
Bezels										
ILD200E009	Round White Bezel for 200mm downlight									3
ILD200E010	Round Black Bezel for 200mm downlight									6
ILD200E011	Round Grey Bezel for 200mm downlight									5
ILD200E012	Round Drop Glass Bezel for 200mm downlight									4
ILD200E013	Square White Bezel for 200mm downlight									2

Accessories

ILEMPK010	2.5W 3hr Emergency Kit
ILEMAK012	Male and female connector for Performance FLEX Downlights emergency kit ILEMPK010

LED Downlights

Performance+ Downlights

- Polycarbonate diffuser for even, uniform light
- 2 cut-out sizes; 200mm and 245mm (ideal for retrofit of CFL/PL and 2D replacements)
- 2 colour temps 3000K and 4000K
- Aluminium heat-sink and body for excellent thermal management
- Driver included
- DALI option available
- Emergency conversion kit available



Applications: Commercial offices, municipal buildings, retail environments, hotels and residential areas.



Quick Code	Cut-out mm	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	L1 Compliant	L2 Compliant	Pic.
Downlights CFL/PL & 2D Replacements								35,000 hrs, 5 year warranty		
Dimmable - with compatible dimmers										
ILD200F001	200	12	3000	1050	88	80	90°	✓	✓	1
ILD200F002	200	12	4000	1180	98	80	90°	✓	✓	1
Non-Dimmable										
ILD200F003	200	12	3000	1050	88	80	90°	✓	✓	1
ILD200F004	200	12	4000	1180	98	80	90°	✓	✓	1

Quick Code	Cut-out mm	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	L1 Compliant	L2 Compliant	Pic.
Downlights CFL/PL & 2D Replacements								35,000 hrs, 5 year warranty		
Dimmable - with compatible dimmers										
ILD245F005	245	22	3000	1870	85	80	90°	✓	✓	2
ILD245F006	245	22	4000	2080	95	80	90°	✓	✓	2
Non-Dimmable										
ILD245F007	245	22	3000	1870	85	80	90°	✓	✓	2
ILD245F008	245	22	4000	2080	95	80	90°	✓	✓	2

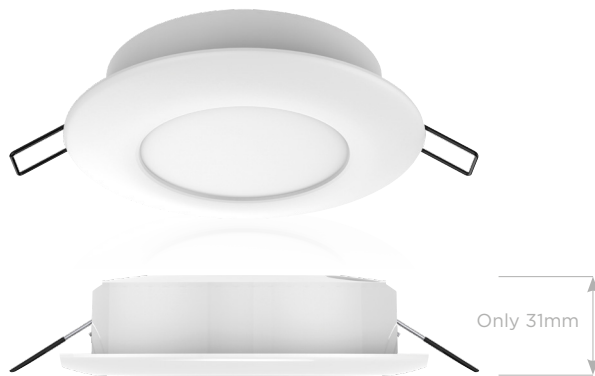
Accessories

- ILEMPK010 2.5W 3hr Emergency Kit
- ILEMAK012 Male and female connector for "CFL/PL and 2D replacement Downlights" emergency kit ILEMPK010

LED Downlights

Integral LED Slimline integrated downlights have been designed to achieve excellent lighting performance. Featuring a smart, sleek design that looks good on and off.

The high luminous efficacy offers great saving in running cost when replacing old CFL downlights. The polycarbonate diffuser gives uniform light over the entire lighting surface. The integrated driver and loop-in / loop-out connector means installation is quick and simple.



Applications: Commercial offices, municipal buildings, retail environments, hotels and residential areas.

Slimline Integrated LED Downlight - CFL/PL & 2D Replacements

- Quick and easy installation
- Slim line design with integrated driver
- Loop-in /loop-out connector included
- High luminous efficacy. Part L1 and L2 compliant
- 4 colour temperatures available
3000K, 4000K, 5000K and 6500K
- For emergency downlights, see page 44

Quick Code	Cut-out mm	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	L1/L2 Compliant	Pic.
Round Panel Downlights									25,000 hrs, 2 year warranty
Non-Dimmable									
ILD100D001	100	6	3000	495	83	80	105°	✓	✓
ILD100D002	100	6	4000	500	83	80	105°	✓	✓
ILD100D003	100	6	5000	505	84	80	105°	✓	✓
ILD100D004	100	6	6500	510	85	80	105°	✓	✓
ILD150D005	150	11	3000	980	89	80	105°	✓	✓
ILD150D006	150	11	4000	1000	91	80	105°	✓	✓
ILD150D007	150	11	5000	1020	93	80	105°	✓	✓
ILD150D008	150	11	6500	1030	94	80	105°	✓	✓
ILD200D009	200	16	3000	1440	90	80	105°	✓	✓
ILD200D010	200	16	4000	1500	94	80	105°	✓	✓
ILD200D011	200	16	5000	1520	95	80	105°	✓	✓
ILD200D012	200	16	6500	1550	97	80	105°	✓	✓

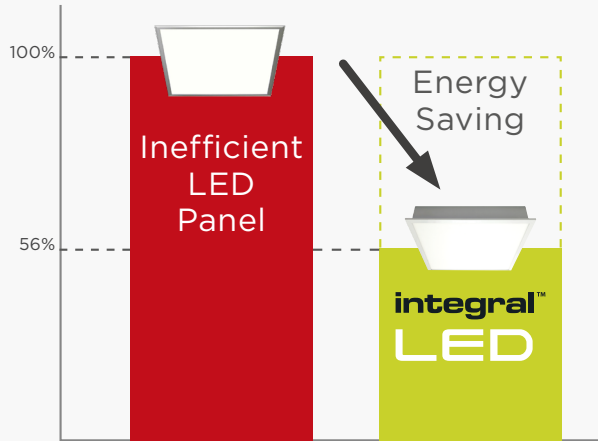
Quick Code	Cut-out mm	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	L1/L2 Compliant	Pic.
LED Circular Panel Downlights									
Non-Dimmable									
NEW ILDL105A1001	105	6	5000	420	70	80	110°	✓	✓
NEW ILDL131A1001	131	9	5000	630	70	80	110°	✓	✓
NEW ILDL160A1001	160	12	5000	840	70	80	110°	✓	✓
NEW ILDL225A1001	225	18	5000	1260	70	80	110°	✓	✓

Accessories

ILEMPK010	2.5W 3hr Emergency Kit
ILEMAK012	Male and female connector for LED Circular panel and emergency kit ILEMPK010

Not all LED Panels are equal

Running cost per Year



With inefficient LED panels, savings in the buy price will be quickly eroded by higher running costs

Lumens-per-Watt - the measure of LED efficiency*

Lumens are a measure of the total light output. The higher the lumens, the higher the light output. Lumens divided by power (Watts) gives a measure of the efficiency of an LED panel. The higher the lumens per watt, the more efficient an LED panel is. This is comparable to miles-per-gallon (MPG) or litres-per-100km for fuel efficiency. Make sure you check the lumens-per-watt rating. For example, an LED panel with a 3600 lumen output and a power rating of 45 Watts would have an 80 lumens-per-watt rating (80 lm/W). In comparison, Integral LED panels have a lumens-per-watt rating of 100-152 lm/W, up to a massive 90% efficiency improvement.

*Technically referred to as efficacy

Integral LED - The cheapest LED Panel to run

Better efficiency with similar light output

	Cheap LED Panel 80 Lumens per Watt	integral LED VALUE+ 100 Lumens per Watt +25%	integral LED COMPACT HIGH PERFORMANCE+ 152 Lumens per Watt +90%
Yearly Energy Cost per panel	£ 27.59 €39.42	£ 23.30 €33.29	£ 14.10 €20.15
Running Cost Savings per panel	-	£ 4.29 €6.13	£ 13.49 €19.27
CO ₂ Reduction per panel, per year	-	4 kg	12 kg
Power Consumption	45W	38W	23W
Lumen Output	3600	3800	3500

Energy savings calculations for guidance only based on 365 days/year, 12 hours/day, energy cost of £0.14/kWh and €0.20/kWh, DEFRA CO2 conversion factor.

LED Panels

Highly efficient LED Back-lit panels are the ideal solution for retro-fit or new installations. Edge-lit panels are thin and ideal for shallow voids in ceiling grids or where the panel itself is to be suspended. Integral LED panels are easy to fit and are virtually maintenance free.

All Integral LED panels are built with a polycarbonate diffuser that delivers an even light across the panel. Integral uses the latest LED technology to ensure our panels have superior efficiency.



Applications: Offices, meeting rooms, corridors, airports, schools, colleges, universities, hospitals and retail environments.

Back-lit Panels High Performance+

up to
152lm/W



Back-lit technology with market leading efficiency

Back-lit Panels Compact High Performance+

- Incredible efficiency of up to 152 lm/W
- Superior lumen output - up to 8200 Lumens
- Back-lit LED provides the best quality, uniform light
- TPa polycarbonate diffuser



Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Type	Pic.
Panel - 600x600								50,000 hrs, 5 year warranty	
ILP6060B029	23	3500	80	4000	152	IP44	596 x 596 x 65 mm	Standard	1
ILP6060B030	23	3500	80	4000	152	IP40	596 x 596 x 65 mm	Emergency	2
ILP6060B020	25	3500	80	4000	140	IP44	596 x 596 x 65 mm	DALI	1
ILP6060B026	23	3500	80	5000	152	IP44	596 x 596 x 65 mm	Standard	1
ILP6060B027	25	3500	80	5000	140	IP40	596 x 596 x 65 mm	Emergency	2



1



2



Back-lit Panels 600x600 Compact High Performance+

Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Type	Pic.
Panel - 600x600							50,000 hrs, 5 year warranty		
ILP6060B018	33	4600	80	4000	139	IP44	596 x 596 x 65 mm	Standard	1
ILP6060B023	33	4600	80	4000	139	IP44	596 x 596 x 65 mm	Emergency	2
ILP6060B021	35	4600	80	4000	131	IP44	596 x 596 x 65 mm	DALI	1
ILP6060B024	33	4600	80	5000	139	IP44	596 x 596 x 65 mm	Standard	1
ILP6060B025	33	4600	80	5000	139	IP44	596 x 596 x 65 mm	Emergency	2
ILP6060B019	43	5500	80	4000	128	IP44	596 x 596 x 65 mm	Standard	1
ILP6060B028	42	5500	80	4000	131	IP40	596 x 596 x 65 mm	Emergency	1
ILP6060B022	45	5500	80	4000	122	IP44	596 x 596 x 65 mm	DALI	1



3



Back-lit Panels 1200x300 High Performance+

Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Type	Pic.
Panel - 1200x300							50,000 hrs, 5 year warranty		
ILP1230B001	25	3500	80	4000	140	IP44	1196 x 296 x 87 mm	Standard	3
ILP1230B002	25	3500	80	5000	140	IP44	1196 x 296 x 87 mm	Standard	3
NEW ILP1230B003	23	3500	80	4000	152	IP40	1196 x 296 x 87 mm	Emergency	3



4



5



Back-lit Panels 1200x600 High Performance+

Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Type	Pic.
Panel - 1200x600 with emergency function - High Performance+							50,000 hrs, 5 year warranty		
ILP1260B001	46	6900	80	4000	150	IP44	1196 x 596 x 87 mm	Standard	4
ILP1260B007	46	6900	80	4000	150	IP40	1196 x 596 x 87 mm	Emergency	-
ILP1260B003	46	6900	80	5000	150	IP44	1196 x 596 x 87 mm	Standard	4
ILP1260B008	46	6900	80	5000	150	IP40	1196 x 596 x 87 mm	Emergency	5
ILP1260B005	56	8200	80	4000	137	IP44	1196 x 596 x 87 mm	Standard	4
ILP1260B006	56	8200	80	4000	137	IP44	1196 x 596 x 87 mm	Emergency	5



1

Performance+ Edge-lit LED Panels

- Highly efficient compared to other edge-lit panels - up to 121lm/W
- Low profile design, great restricted ceiling spaces such as concrete utility corridors
- TPb polycarbonate diffuser for uniform, even light distribution
- Emergency conversion kit available



Edge-lit Panels 600x600 - Performance+

Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Type	Pic.
Panel - 600x600							50,000 hrs, 3 year warranty		
ILP6060E003	30	3600	80	4000	120	IP20	595 x 595 x 10 mm	-	1
ILP6060E004	30	3640	80	6500	121	IP20	595 x 595 x 10 mm	-	1
ILP6060E005	36	4320	80	4000	120	IP20	595 x 595 x 10 mm	-	1
ILP6060E006	36	4360	80	6500	121	IP20	595 x 595 x 10 mm	-	1



Edge-lit Panels 1200x600 - Performance+

Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Type	Pic.
Panel - 1200x600							50,000 hrs, 3 year warranty		
ILP1260E001	50	6000	80	4000	120	IP20	1195 x 595 x 10 mm	-	1
ILP1260E002	50	6050	80	6500	121	IP20	1195 x 595 x 10 mm	-	1

Performance+ Edge Lit Panel Accessories

ILP1260A001	1200x600 Panel surface mounting frame
ILP6060A002	600x600 Panel surface mounting frame
ILP6060A003	600x600 Panel suspension kit
ILP1230A001	1200x300 Panel surface mounting frame

Performance+ Edge Lit Panel Drivers

ILDRCCA023	TRIAC dimming driver for 30W Panels
ILDRCCA024	TRIAC dimming driver for 36W Panels
ILDRCCA025	TRIAC dimming driver for 50W Panels
ILDRCCA026	DALI driver for 30W Panels
ILDRCCA027	DALI driver for 36W Panels
ILDRCCA028	DALI driver for 50W Panels

Emergency Packs for Performance+ Edge-lit Panels

ILEMAA025	Male and Female connector for Performance+ Panels and Emergency Kit ILEMPK010
ILEMPK010	2.W 3hr Emergency Kit



1

Value+ Edge-lit LED Panels

- Great combination of price and lighting performance
- High luminous efficiency - 100lm/W
- Slim, elegant design
- Emergency conversion kit available

Edge-lit Panels 600x600 - Value+

Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Type	Pic.
Driver included							25,000 hrs, 3 year warranty		
ILP6060E002	38	3800	80	4000	100	IP20	595 x 595 x 8.2 mm	1	1
ILP6060E007	38	3850	80	6500	101	IP20	596 x 596 x 8.2 mm	-	1
Without Driver									
ILP6060E008	38	3800	80	4000	100	IP20	596 x 596 x 8.2 mm	-	1
ILP6060E009	38	3850	80	6500	101	IP20	596 x 596 x 8.2 mm	-	1

Accessories

- ILEMPK010 2.5W 3hr Emergency Kit
- ILEMAK015 Male and female connector for Value+ edge-lit panel

Emergency Packs for Value+ Edge-lit Panels

- ILDRCCA024 TRIAC dimming driver for 36W Value+ Panels
- ILDRCCA027 DALI driver for 38W Value+ Panels

IP65 Panels

Use in environments where regular cleaning is required e.g. commercial kitchens, cafés and restaurants, dentists, hospital environments such as operating theatres and isolation rooms.

- IP65 water-resistant rating - clean with a jet of water or steam
- TPb polycarbonate diffuser for even light
- Low running cost



1



Edge-lit Panels 600x600 - Performance IP65

Quick Code	Watts (W)	Lumens lm	CRI >=	Temp K	Lumens per Watt	IP Rating	Dimension mm	Pic.	
Panel - 600x600							25,000 hrs, 3 year warranty		
ILP6060E001	32	3600	80	4000	113	IP65	595 x 595 x 9 mm	1	

Accessories

- ILEMPK010 2.5W 3hr Emergency Kit
- ILEMAK016 Male and female connector for IP65 edge-lit LED panel



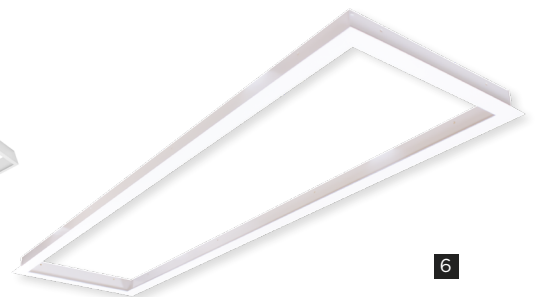
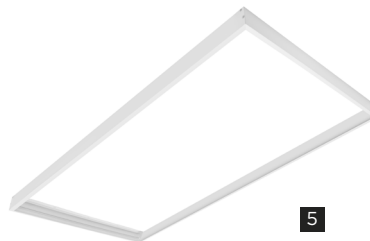
Panel Accessories

Our surface mounted boxes have been designed so that Integral LED panels can be installed into a surface where it is not possible, or desirable to fit as a recessed luminaire. Its simple features provide easy and secure installation with a stylish matt white finish. We also offer a frame for recess fitting our 600x600 panels in a plaster ceiling, enabling a professional looking flush-fit finish.



Panel Accessories

Quick Code		Pic.
Surface mounted box - for Integral LED panels		1 year warranty
ILP6060A004	Suitable for 600 x 600 mm panels, providing easy and secure installation	1
ILP1260A002	Suitable for 1200 x 600 mm panels, providing easy and secure installation	2
ILP1230A002	Suitable for 1200 x 300 mm panels, providing easy and secure installation	3



Quick Code		Pic.
Recess fitting frame		1 year warranty
ILP6060A005	Suitable for 600 x 600 mm panels	4
ILP1260A003	Suitable for 1200 x 600 mm panels	5
ILP1230A003	Suitable for 1200 x 300 mm panels	6



Quick Code		Pic.
Suspension kit		1 year warranty
ILP6060A003	Suitable for 600 x 600 mm panels	7

Case Study:

Integral LED helps one business to save £390,000 over 5 years



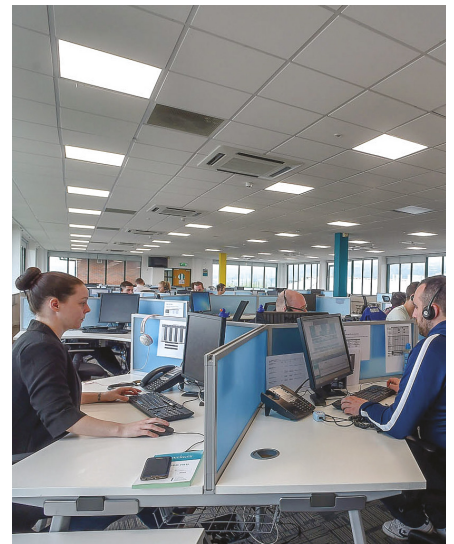
One of the biggest success stories from Integral LED so far is Convergys, Belfast. By switching their lighting setup to Integral LED, this leading provider of Customer Management solutions is able to make massive savings on their yearly energy cost while greatly improving the environment for 2,500 staff over two sites. One of the primary reasons Convergys opted for Integral LED was the High Performance+ panels, which deliver 4000K illumination for 25W (140lm/W) of power. Far more efficient than the 70W that was required to drive the original strip light luminaires.

The financial benefits of the refurbished lighting scheme were clear, of the £101,000 it cost to power the existing lighting scheme, overheads would be reduced by 77% to £23,000. Additionally, the refurbishment project was funded by an application for an ECA grant. The government backed scheme provides interest-free loans for the purpose of financing carbon reducing technology including LED lighting. The resultant 213,498 Kg reduction in carbon emissions all but covered the outlay to purchase and install the lights. "I can say that the forecast will be

achieved which matches the financial goals of the project," says Peter Corr, Facilities Manager - Convergys, Belfast, "however the less tangible benefits of the switch to LED have been a distinct too; improvement in staff working conditions and a real boost in employee motivation is acknowledged across the two office sites". The project has sparked change across the business. Convergys's office in Dublin has commenced a similar refurbishment and plans are now in process to refit all European premises to the cost saving and performance boosting solid state lighting. ■

How the figures added up

Existing energy cost of lighting per annum	£101,000
New energy cost of LED lighting	£23,000
Cost of refurbishment	£120,000
ROI	18 months
Energy Savings over period of 5 Years	£390,000



"All in One" Emergency Downlight



- Non Maintained 3hrs Emergency Downlight
- Battery and driver/inverter integrated in the can for fast installation
- Ultra-low power consumption
- Test button function for fast check

Quick Code	IP Rating	Watts (TCW)	LED Power (W)	Temp K	Lumens lm	Application	Dimensions	Pic.
"All in One"								3 year warranty*
Non-Dimmable								
IEMDL003	IP20	1	2	6000	115	Open areas	Ø 110 x H: 110 mm	3
IEMDL004	IP20	1	2	6000	110	Corridors / Escape routes	Ø 110 x H: 110 mm	4

Compact Emergency Downlight



- Non-maintained 3hrs Emergency Downlight
- Ultra-small design for a seamless fit
- Plug & Play connection for easy installation
- Ultra-low power consumption: ONLY 1W stand-by

Quick Code	IP Rating	Watts (TCW)	Temp K	Lumens lm	Application	Cut out	Dimensions mm	Pic.
Compact Emergency Downlight								3 year warranty*
Non-Dimmable								
IEMDL005	IP20	1	4000	100	Open areas	34 mm	Ø 38 x H: 10.5 mm	5
IEMDL014	IP20	1	4000	180	Corridors / Escape routes	34 mm	Ø 38 x H: 10.5 mm	6



Accessories		3 year warranty*	Dimension mm	Pic.
ILEMPK010	2.5W 3hr Emergency Kit (Kit is rated IP20)		250 x 60 x 32 mm	7

*See warranty T&C on www.integral-LED.com

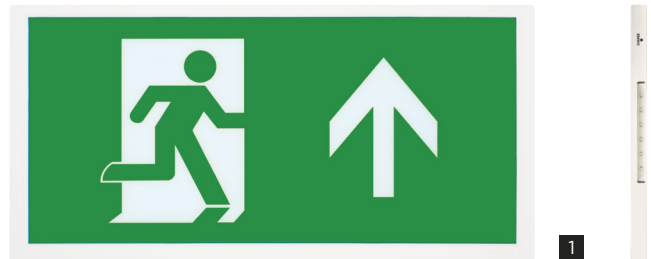
Slimline Emergency Exit Sign

The Integral LED Slimline Emergency Exit Sign brings the efficiency and flexibility of LED to the vital sector of emergency lighting. This self-illuminating exit sign can be clearly seen in emergency situations and at 28mm, has a far lower profile than traditional 'metal box' exit signs. At 3.3W maintained and 1.5W in stand-by (non-maintained), the energy cost of the Slimline Emergency Exit Sign is very low.

- Integrated 6-LED emergency downlight
- Low profile 26mm body
- Viewing distance 34m
- Maintained and non-maintained configurable
- Supplied with Up arrow legend
- Minimum 3-hour emergency lighting function
- Meets BS EN 60598-2-22



Features an integrated 6-LED downlight (60 lumens) to illuminate exit paths and points of emphasis such as fire extinguishers, control panels, fire alarm call points and first aid posts.



Slimline Emergency Exit Sign

Quick Code	IP Rating	LED qty	Class	Temp K	Lumens 6-led lm	Max viewing distance	Discharge battery duration (hrs)	Description	Dimensions mm	Pic.
Slimline Emergency Exit Sign										3 year warranty*
Non-Dimmable										
ILEMES006	IP20	20+6	I	6000	60	34m	>3	Slimline Emergency Exit Sign with Up Arrow Legend	394 x 195 x 26 mm	1
ILEMAL007								Down Arrow Legend	371 x 176 mm	-
ILEMAL008								Right Arrow Legend	371 x 176 mm	-
ILEMAL009								Left Arrow Legend	371 x 176 mm	-

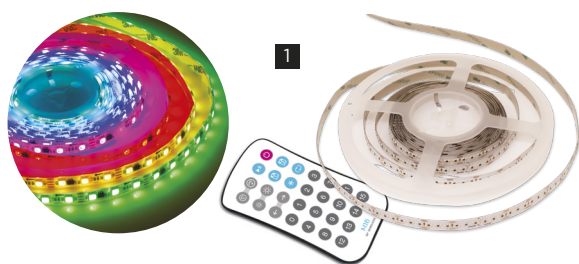
Emergency Bulkhead

- 3 Hour Emergency Illumination
- Hard wearing and weatherproof
- Configurable maintained or non-maintained
- Push-fit connector for easy installation
- Supplied with self-adhesive Legend Set



Quick Code	IP Rating	IK Rating	Watts (TCW)	Temp K	Lumens lm	Beam Angle	Dimensions mm	Pic.	
Emergency Bulkhead									3 year warranty*
Non-Dimmable									
ILEMBH026	IP65	IK08	5	4000	250	120	335 x 110 x 70 mm	2	

NEW



1

- Colour changing and cascade effect LED strip
- 1 Digital IC chip per 3 LEDs
- Excellent build quality
- Consistent light across strip



Digital Pixel RGB Strip

Digital Pixel RGB Strip

Experience an explosion of colour with our Digital Pixel RGB Strip. Control 1 digital IC chip per 3 LEDs to create a colour changing and cascading LED effect in your space. Program the Digital Pixel RGB strip to perform flash effects, single or multicolour chase effect, light curtains and gradual fades..



Scan the QR code to watch the strip in action



Order Code	Watts per metre	Colour	Beam Angle	IP Rating	Width	Length	LED Size	LEDs per metre	Lumens per metre	Constant Voltage	Recommended Driver
Digital Pixel RGB Strip											3 year warranty
ILSTRGBA073E	14.4	RGB	120°	IP20	10mm	5m	50:50	60	-	12V	ILDRCVB006
ILSTRGBB074E	14.4	RGB	120°	IP65	10mm	5m	50:50	60	-	12V	ILDRCVB006

Quick Code	Description
RGB and RGBW Strip Accessories - for 12V and 24V Strip	
NEW ILRC013	RF Wireless Receiver with Button Remote Controller for Digital RGB Colour Changing Strip 5-24VDC Current: Max 10A Power Output: Max 50W (5V) /120W (12V) / 240W (24V)
NEW ILSTAA097	Connectors (5 pcs) - Block connector for ILSTRGBA073E/ ILSTRGBB074E strips. Attach strip to each connector end
NEW ILSTAA098	Connectors (5 pcs) - Connector and wire for ILSTRGBA073E/ ILSTRGBB074E strips. Attach connector end to strip and 15cm length wire end to power supply
NEW ILSTAA099	2-way Connectors (5 pcs) - Both connector ends joined by 15cm wire for ILSTRGBA073E/ ILSTRGBB074E strips. Attach each connector end to a strip



2

- "Spotless" light effect
- Very bright - up to 1550lm/M
- Excellent build quality
- Consistent light across strip



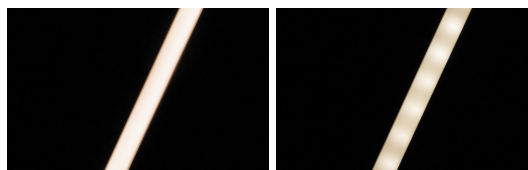
Spotless Strip 24V (IP20)

Spotless Strip

This specialised strip utilises very small LEDs (20:16) arranged in a close formation that effectively eliminates the visible shadow present in many LED strips. This creates the effect of one continuous line of light, particularly when installed within an aluminium profile. The Spotless strip also has a high colour rendering index of CRI 90 and is very bright at 1420 lm/M, which means the strip can be used to create custom luminaires.

Spotless

Non-Spotless



Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Spotless Strip - 24V Constant Voltage - 5 Metres										13,000 hrs, 3 year warranty
ILSTWHIA071E	IP20	2700	18	300	1420	10mm	20:16	115°	ILDRCVB010	2
ILSTWHIA072E	IP20	4000	18	300	1420	10mm	20:16	115°	ILDRCVB010	-

**Recommend to install with aluminium profile for better heat dissipation

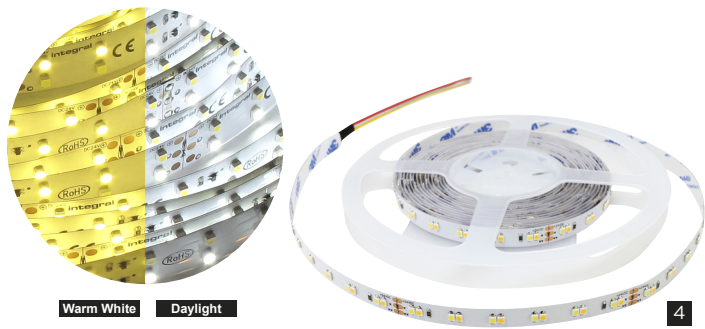
LED Strips



Flexible Strip 24V CRI90

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
2835 SMD Strip CRI90 - 24V Constant Voltage - 5m Pack									13,000 hrs, 3 year warranty	
ILSTWHIA078E	IP20	3000	12	60	880	10mm	28:35	115°	ILDRCVA012	1
ILSTWHIA079E	IP20	4000	12	60	960	10mm	28:35	115°	ILDRCVA012	2
ILSTWHIA080E	IP20	6500	12	60	1000	10mm	28:35	115°	ILDRCVA012	3

CCT changing Strip



Warm-to-Cool LED Strip

Offering multiple colour temperature options, our 'Warm to Cool' LED strip is adjustable from 2400K (Very Warm) to 6000K (Cool Daylight). This is the ideal strip for a space that requires both practical and mood lighting; you are able to adjust the tone in your room to match the activity.

- 2400K to 6000K colour temperature
- Superior components
- Excellent build quality
- Consistent light across strip

Warm-to-Cool (IP20/IP65, Silicone encapsulated)[†]

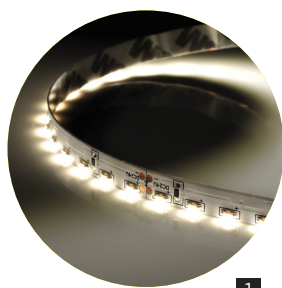
Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Colour Temperature Changing Strip (IP20) - 24V Constant Voltage									13,000 hrs, 3 year warranty	
ILSTCTCA075E	IP20	2400K to 6000K	10	120	290 to 600	10 mm	35:28	120°	ILDRCVA012	4

Strip Accessories - for Colour Temperature Changing Strip

Quick Code	Description
NEW ILRC012	RF Wireless Colour Temperature Receiver with Touch Remote Controller 12-24VDC Current: 3Ax2CH Max 6A Power Output: Max 72W (12V) / 144W
NEW ILSTAA085	Connectors (5 pcs) - Block connector for ILSTCTCA075E strips. Attach strip to each connector end
NEW ILSTAA086	Connectors (5 pcs) - Connector and wire for ILSTCTCA075E strips. Attach connector end to strip and 15cm length wire end to power supply
NEW ILSTAA087	2-way Connectors (5 pcs) - Both connector ends joined by 15cm wire for ILSTCTCA075E strips. Attach each connector end to a strip

[†] Due to the nature of silicone the original colour temperature will increase in the finished product

Side-emitting Strip



1

Side-emitting Strip

Designed to shine sideways instead of up and out, the side-emitting LED strip includes differently shaped diodes than those found on standard LED strip. Ideal for specific applications such as signage lettering, effective wall-washing and edge highlights.

- Side-emitting LEDs
- Great for edge lighting
- Excellent build quality
- Consistent light across strip

Side-emitting Strip

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Side-emitting Strip (IP20) - 12V Constant Voltage									13,000 hrs, 3 year warranty	
ILSTWHIA076E	IP20	3000	7	96	540	8 mm	3:35	115°	66-85-42	1
ILSTWHIA077E	IP20	4000	7	96	540	8 mm	3:35	115°	66-85-42	-

Quick Code Description

Strip Accessories - for Side-emitting Strip

NEW	ILRC005	RF Wireless Single Colour Button Remote Control and Receiver 5V-24V DC Current: Max 10A Power Output: Max 120W (12V)/240W (24V)
NEW	ILSTAA094	Connectors (5 pcs) - Block connector for 8mm width Side-emitting strips. Attach strip to each connector end
NEW	ILSTAA095	Connectors (5 pcs) - Connector and wire for 8mm width Side-emitting strips. Attach connector end to strip and 15cm length wire end to power supply
NEW	ILSTAA096	2-way Connectors (5 pcs) - Both connector ends joined by 15cm wire for 8mm width Side-emitting strips. Attach each connector end to a strip



RGB 'Plug & Play' Strip Kit

Effortlessly transform your room with Integral LED's Plug and Play Colour Changing Strip. This convenient kit comes with 5 metres of strip, a remote control and a wall-mountable driver with a pre-wired UK 3-pin or EU 2-pin plug. The ideal decorative lighting accessory.

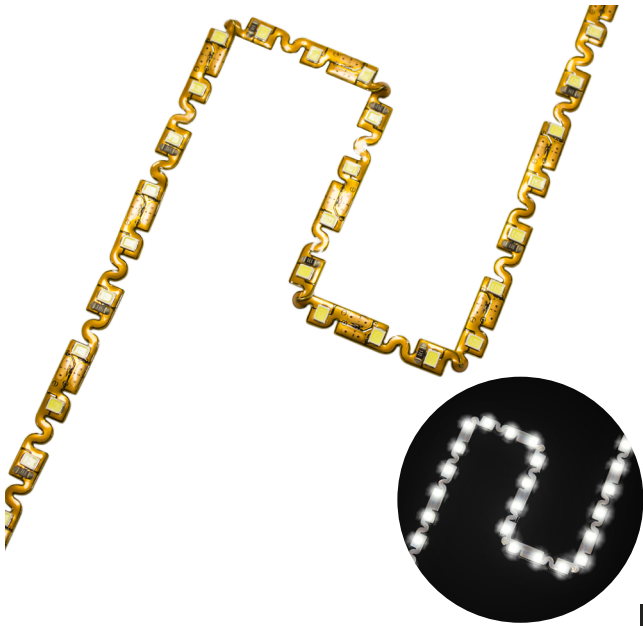
- Plug and Play kit
- Superior components
- Excellent build quality
- Colour consistency across strip

RGB Plug & Play Colour Changing Strip

Quick Code Description

RGB Plug and Play Colour Changing Strip

NEW	ILSTRGBA081B	RGB Plug & Play Colour Changing LED Strip Set - 5M RGB Strip 30LEDs/M, IR controller, UK Wall mounted driver
NEW	ILSTRGBA084B	RGB Plug & Play Colour Changing LED Strip Set - 5M RGB Strip 30LEDs/M, IR controller, EU Wall mounted driver



Integral LED's most flexible product - literally

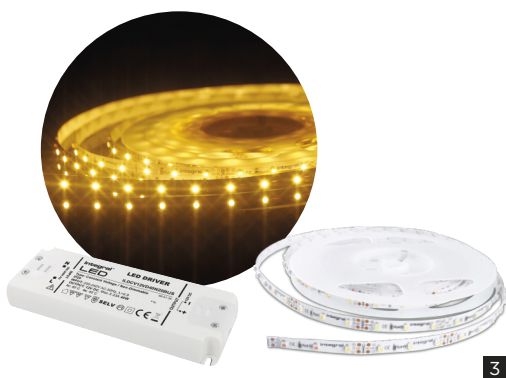
Non-linear shapes, such as furniture and signage letters, can be very difficult to light effectively with conventional strips. The ingenious design of the Bendy Strip allows it to be bent to very precise axis while maintaining consistent light and colour across the entire strip.

As it is dimmable with a suitable driver and controller, the Integral LED Bendy Strip Ideal for commercial or residential applications, allowing you to customise the perfect accent lighting for any project.

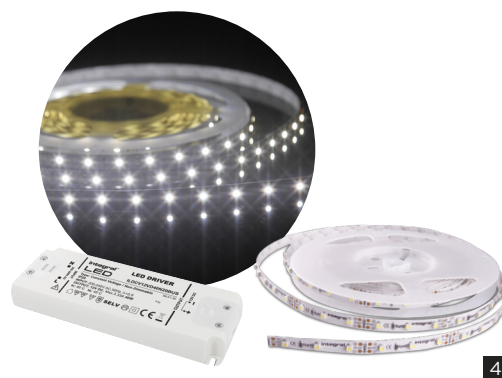
2

Bendy Strip 12V (IP33)

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Bendy Strip - 12V Constant Voltage - 2 Metres									13,000 hrs, 3 year warranty	
ILSTWHIA016E	IP33	6500	6.6	75	500	6mm	28:35	115°	79-28-86	2



3



4

5m LED Strip and Driver packs

Quick Code	Length m	Strip IP	Temp K	Watt per meter	LEDs per meter	Driver Rating	Pic.
ILSTWHIA062W	5	IP33	3000	6	60	40W (12V) IP20 LED driver (included)	3
ILSTWHIA063W	5	IP33	6500	6	60	40W (12V) IP20 LED driver (included)	4
ILSTWHIC064W	5	IP67	3500	6	60	40W (12V) IP20 LED driver (included)	3
ILSTWHIC065W	5	IP67	6500	6	60	40W (12V) IP20 LED driver (included)	4

LED Strips

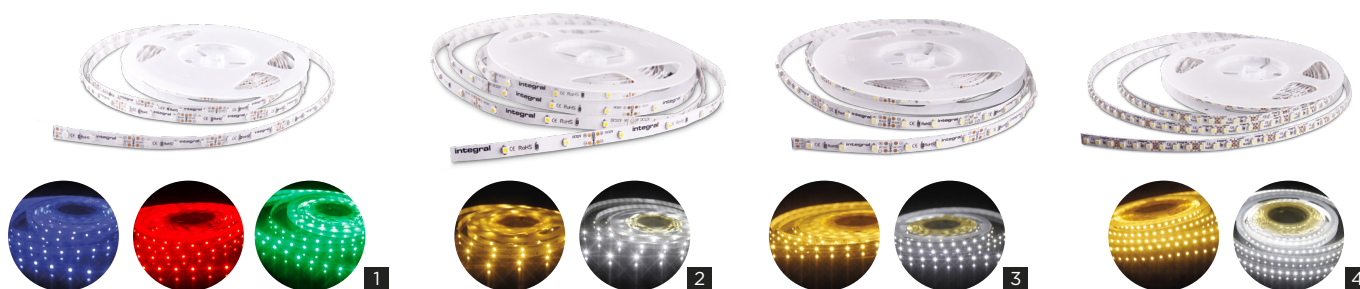
- Superior components
- Excellent build quality
- Colour consistency across strip

Integral LED strips are produced to a high standard to ensure consistency in colour across the strip and are available as either indoor (IP33) and outdoor (IP65/IP67) versions. IP65/IP67 strip has high quality silicone that encapsulates the strip, making it weather proof.

Each 5m reel is supplied with an easy-to-follow installation guide and appropriate fitting accessories for the LED strip. 3M backing tape is pre-applied to all Integral strips to simplify the installation process. Additional accessories are available to suit specific installation requirements.



Applications: Commercial environment, reception areas, boardrooms, hospitality industry, restaurants, hotels, clubs and pubs. For lighting hallways and staircases.



Flexible Strip 12V (IP33)

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Flexible Strip (IP33) - 12V Constant Voltage - 5 Metres									13,000 hrs, 3 year warranty	
13-81-21	IP33	BLUE	6	60	-	8 mm	35:28	115°	99-51-39	1
85-61-07	IP33	RED	6	60	-	8 mm	35:28	115°	99-51-39	1
97-13-46	IP33	GREEN	6	60	-	8 mm	35:28	115°	99-51-39	1

*All of the above supplied with an extra connector to power the strip if it is cut into two lengths.

3528 SMD Strip 12V (IP33) CRI 80

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
3528 SMD Strip (IP33) - 12V Constant Voltage - 5 Metres									13,000 hrs, 3 year warranty	
ILSTWHIA001E	IP33	3000	3	30	220	8 mm	35:28	115°	79-28-86	2
ILSTWHIA002E	IP33	6500	3	30	240	8 mm	35:28	115°	79-28-86	2
ILSTWHIA003E	IP33	3000	6	60	425	8 mm	35:28	115°	99-51-39	3
ILSTWHIA004E	IP33	6500	6	60	460	8 mm	35:28	115°	99-51-39	3
ILSTWHIA008E	IP33	3000	8	120	625	8 mm	35:28	115°	66-85-42	4
ILSTWHIA009E	IP33	6500	8	120	680	8 mm	35:28	115°	66-85-42	4

*All of the above supplied with an extra connector to power the strip if it is cut into two lengths.

LED Strips

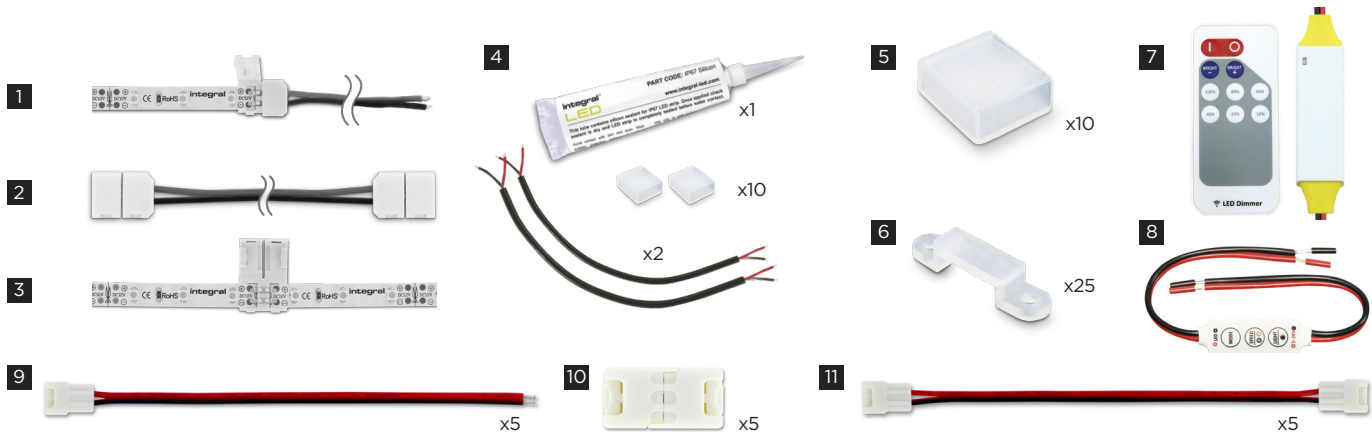


3528 SMD Strip 12V (IP67) CRI 80

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Flexible Strip (IP67) - 12V Constant Voltage - 5 Metres									13,000 hrs, 3 year warranty	
ILSTWHIC010E	IP67	3500	3	30	200	10 mm	35:28	115°	79-28-86	5
ILSTWHIC011E	IP67	6500	3	30	210	10 mm	35:28	115°	79-28-86	5
ILSTWHIC012E	IP67	3500	6	60	325	10 mm	35:28	115°	99-51-39	6
ILSTWHIC013E	IP67	6500	6	60	350	10 mm	35:28	115°	99-51-39	6
ILSTWHIC014E	IP67	3500	8	120	580	10 mm	35:28	115°	66-85-42	7
ILSTWHIC057W	IP67	3500	8	120	580	10 mm	35:28	115°	66-85-42	7
ILSTWHIC015E	IP67	6500	8	120	620	10 mm	35:28	115°	66-85-42	7

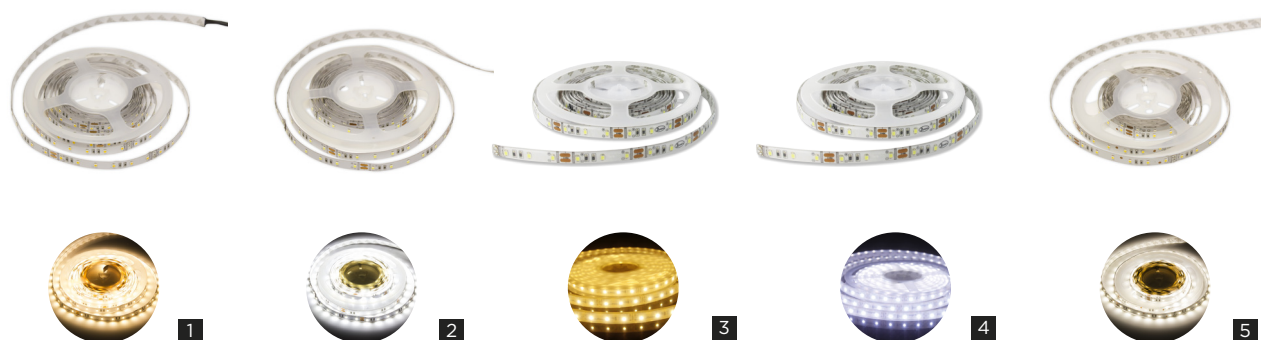
*All of the above supplied with end caps and mounting support clips.

Strip Accessories



Quick Code		Pic.
Strip Accessories (LED Size 35:28)		
27-52-67*	IP33 Connectors (5 pcs) - Both connector ends joined by wire for 8mm width strips. Attach each connector end to a strip.	2
35-69-03*	IP33 Connectors (5 pcs) - Block Connector for 8mm width strips. Attach strip to each connector end.	3
82-62-60	IP67 Kit - Pierced End Caps (10 pcs), 2 sets of Live wires (live and neutral) and 1 pc tube of silicone sealant (45ml)	4
40-92-06	IP67 Sealed End Caps (10 pcs)	5
83-35-90	IP67 & IP33 Mounting Support Clip (25 pcs)	6
ILSTAA017	Connectors (5 pcs) - Connector and wire for 8mm width strips. Attach connector end to strip and wire end to power supply	9
ILSTAA019	Connectors (5 pcs) - Block Connector for 8mm width strips. Attach strip to each connector end	10
ILSTAA018	2-way Connectors (5 pcs) - Both connector ends joined by wire for 8mm width strips. Attach each connector end to a strip	11
ILRC005	RF Wireless Single Colour Button Remote Control and Receiver 5V-24V DC Current: Max 10A Power Output: Max 120W (12V)/240W (24V)	7
ILRC006	Inline Single Colour Controller 5V-24V DC Current: Max 5A Power Output: Max 60W (12V) / 120W (24V)	8

*This accessory is only suitable for 3W and 6W per metre IP33 8 mm width Flexible LED Strip.



Flexible Strip 12V/24V (IP33/IP65, Silicone encapsulated)[†]

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
2835 SMD - 12V Constant Voltage - 5m Pack									13,000 hrs, 3 year warranty	
40-00-04	IP33	3000	12	60	980	10 mm	28:35	115°	14-89-40	-
29-45-21	IP65	7000	12	60	710	10 mm	28:35	115°	14-89-40	-
2835 SMD Strip CR180 - 24V Constant Voltage - 5m Pack										
ILSTWHIA044E	IP33	3000	11.28	60	910	10mm	28:35	115°	ILDRCVA012	1
ILSTWHIA053E	IP33	4000	11.28	60	950	10mm	28:35	115°	ILDRCVA012	5
ILSTWHIA045E	IP33	6500	11.28	60	1000	10mm	28:35	115°	ILDRCVA012	2
ILSTWHIB046E	IP65	3000	11.28	60	800	10mm	28:35	115°	ILDRCVA012	3
ILSTWHIB025E	IP65	4000	11.28	60	850	10mm	28:35	115°	ILDRCVA012	-
ILSTWHIB047E	IP65	6500	11.28	60	900	10mm	28:35	115°	ILDRCVA012	4

*All above IP33 supplied with an extra connector to power the strip if it is cut into two lengths.

**All above IP65 supplied with mounting support clips.

Flexible Strip 24V (IP33, Can run up to 10 Metres)

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
2835 SMD Strip CR180 - 24V Constant Voltage - 10m Pack									13,000 hrs, 3 year warranty	
ILSTWHIA066E	IP33	3000	12	60	910	10 mm	28:35	115°	ILDRCVB010	1
ILSTWHIA067E	IP33	6500	12	60	1000	10 mm	28:35	115°	ILDRCVB010	2
2835 SMD Strip CR180 - 24V Constant Voltage - 5m Pack										
ILSTWHIA054E	IP33	3000	12	60	910	10mm	28:35	115°	ILDRCVA012	1
ILSTWHIA055E	IP33	6500	12	60	1000	10mm	28:35	115°	ILDRCVA012	2



Quick Code		Pic.
Strip Accessories - for 10mm width Strip (LED Size 28:35)		
ILSTAA068	IP33 Connectors (5 pcs) - Connector and wire for 10mm width strips (2835 SMD). Attach connector end to strip and wire end to 12V/24V driver power supply	6
ILSTAA069	IP33 Connectors (5 pcs) - Block Connector for 10mm width strips (2835 SMD). Attach strip to each connector end	7
ILSTAA070	IP33 2-way Connectors (5 pcs) - Both connector ends joined by wire for 10mm width strips (2835 SMD). Attach each connector end to a strip	8

[†] Due to the nature of silicone the original colour temperature will increase in the finished product

LED Strips



Flexible Strip 24V (RGB)[†]

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Flexible Strip - 24V Constant Voltage - 5 Metres									13,000 hrs, 3 year warranty	
ILSTRGBA033E	IP33	RGB	8.64	30	-	10 mm	50:50	115°	ILDRCVA012	1
ILSTRGBA034E	IP33	RGB	14.4	60	-	10 mm	50:50	115°	ILDRCVA012	1
ILSTRGBC035E	IP67	RGB	8.64	30	-	12 mm	50:50	115°	ILDRCVA012	1
ILSTRGBC036E	IP67	RGB	14.4	60	-	12 mm	50:50	115°	ILDRCVA012	1

*All above IP33 supplied with an extra connector to power the strip if it is cut into two lengths.

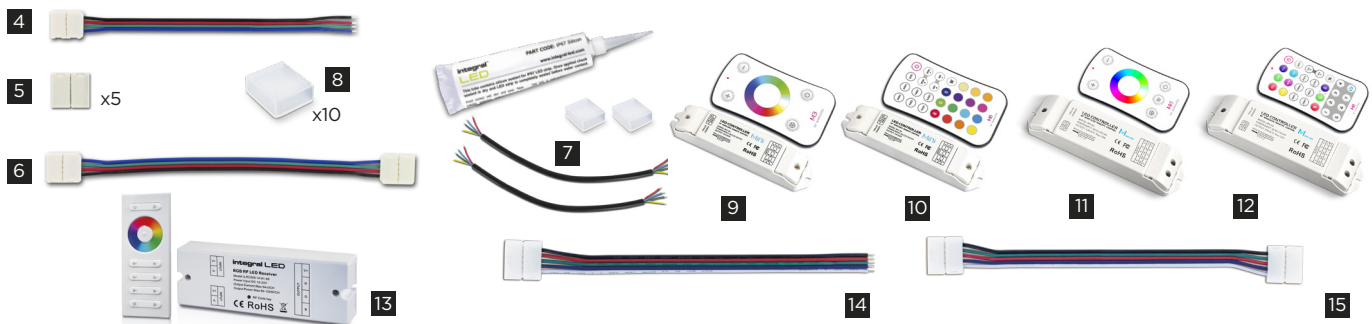
**All above IP67 supplied with end caps and mounting support clips.

Flexible Strip 24V RGBW[†]

Quick Code	IP Rating	Temp K	Watts per metre	LEDs per metre	Lumens per metre	Width	LED Size	Beam Angle	Recommended Driver	Pic.
Flexible Strip - 24V Constant Voltage - 5 Metres									13,000 hrs, 3 year warranty	
NEW ILSTRGBWA027E	IP33	RGB+W 3000K	12	72	-	12 mm	28:35	115°	ILDRCVA012	
NEW ILSTRGBWA029E	IP33	RGB+W 4000K	12	72	-	12 mm	28:35	115°	ILDRCVA012	
ILSTRGBWA042E	IP33	RGBW	12	72	-	12 mm	50:50	115°	ILDRCVA012	2
NEW ILSTRGBWB028E	IP65	RGB+W 3000K	12	72	-	12 mm	28:35	115°	ILDRCVA012	
NEW ILSTRGBWB030E	IP65	RGB+W 4000K	12	72	-	12 mm	28:35	115°	ILDRCVA012	
ILSTRGBWB043E	IP65	RGBW	12	72	-	12 mm	50:50	115°	ILDRCVA012	3

*All above IP33 supplied with an extra connector to power the strip if it is cut into two lengths.

**All above IP65 supplied with mounting support clips.



Quick Code		Pic.
RGB and RGBW Strip Accessories - for 12V and 24V Strip		
88-08-30	IP33 Connectors (5 pcs) for RGB Strip - Connector and wire for 10 mm width RGB strips	4
26-86-64	IP33 Connectors (5 pcs) for RGB Strip - Block Connector for 10 mm width RGB strips	5
10-75-25	IP33 2-way Connectors (5 pcs) for RGB Strip - Both connector ends joined by wire for 10mm width RGB strips	6
52-13-23	IP67 Kit for RGB strip	7
89-94-28	IP67 Sealed End Caps (10 pcs) for RGB Strip	8
62-17-74	RF Wireless RGB Receiver with Touch Remote Controller. Max Power output 108W (12V)/216W (24V)	9
21-66-15	RF Wireless RGB Receiver with Button Remote Controller. Max Power output 108W (12V)/216W (24V)	10
ILRC007	RF Wireless RGBW Receiver with Touch Remote Controller. Max Power output 100W (5V) /240W (12V) / 480W (24V)	11
ILRC008	RF Wireless RGBW Receiver with Button Remote Controller. Max Power output 100W (5V) /240W (12V) / 480W (24V)	12
ILRC009	RF RGB Colour Changing Receiver with Button/Touch Controller 12-24VDC Current: 5Ax3CH Max 15A Power Output: 180W (12V) / 360W (24V)	13
ILRC010	RF RGBW Colour Changing Receiver with Button/Touch Remote Controller 12-24VDC Current: 5Ax4CH Max 20A Power Output: 240W (12V) / 480W (24V)	-
NEW ILSTAA088	Connectors (5 pcs) for RGBW strips - Block connector for 12mm width RGBW strips. Attach strip to each connector end	
NEW ILSTAA089	RGBW Connectors (5 pcs) - Connector and wire for 12mm width RGBW strips. Attach connector end to strip and 15cm length wire end to power supply	
NEW ILSTAA090	2-way RGBW Connectors (5 pcs) - Both connector ends joined by 15cm wire for 12mm width RGBW strips. Attach each connector end to a strip	

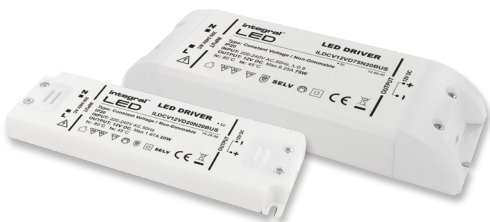
LED Drivers

- 12V/24V Constant Voltage
- Available from 20W-250W power output
- Available IP20 and IP65 driver
- Can be used with 12V/24V LED array lighting applications, such as 12V/24V LED strip lighting

Integral LED Drivers are designed and built using highly reliable components making sure our range of LED drivers deliver the best performance and solution for both commercial and residential lighting applications.



Applications: Can power any LED light source that requires a 12V/24V Constant Voltage Driver such as a 12V/24V Constant Voltage LED Strip.



1

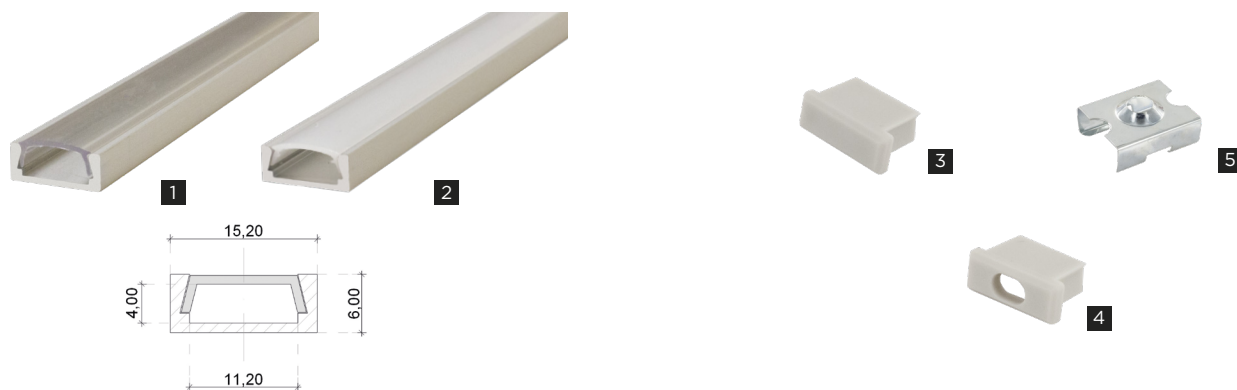


2

Quick Code	Input Voltage	Output Power	Output Voltage	Output Current	IP Rating	Dimension mm	Pic.
Driver - 12V and 24V Constant Voltage							3 year warranty
Non-Dimmable							
79-28-86	200 - 240V AC, 50Hz	20W	12VDC	Max. 1.67A	IP20	154 x 54 x 14 mm	1
ECP30-12VF-3	200 - 240V AC, 50Hz	30W	12VDC	Max. 2.5A	IP20	251 x 70 x 16 mm	-
99-51-39	200 - 240V AC, 50Hz	40W	12VDC	Max. 3.33A	IP20	160 x 58 x 18 mm	1
66-85-42	200 - 240V AC, 50Hz	50W	12VDC	Max. 4.17A	IP20	185 x 64 x 22 mm	1
14-89-40	200 - 240V AC, 50Hz	75W	12VDC	Max. 6.25A	IP20	201 x 63 x 30 mm	1
ILDRCVA012	200 - 240V AC, 50Hz	75W	24VDC	Max. 3.12A	IP20	201 x 63 x 30 mm	1
ECP50-24VF-1	200 - 240V AC, 50Hz	50W	24VDC	Max. 2.08A	IP20	185 x 64 x 22 mm	-
Dimmable (Triac)							
ELED-25-12T	25W Triac dimmable driver Output 12V DC Input 180 - 240VAC 25W Min. load 2.5W. Suitable with Leading Edge dimmer						
ELED-50-12T	50W Triac dimmable driver Output 12V DC Input 200 - 240VAC Min. load 5W. Suitable with Leading Edge dimmer						
ELED-50-24T	50W Triac dimmable driver Output 24V DC Input 200 - 240VAC Min. load 5W. Suitable with Leading Edge dimmer						

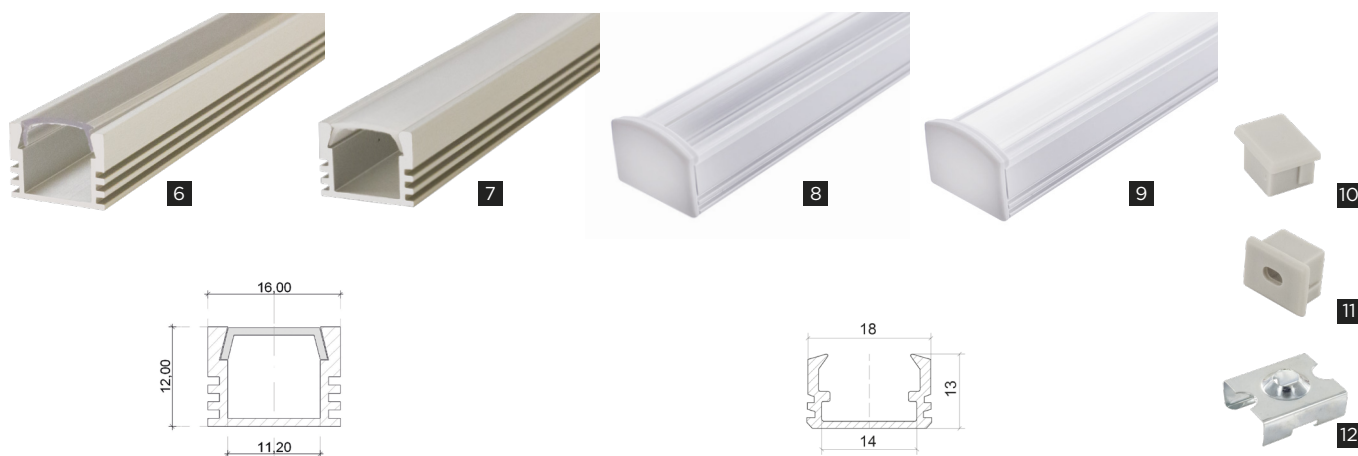
Quick Code	Input Voltage	Output Power	Output Voltage	Output Current	IP Rating	Dimension mm	Pic.
Driver - 12V and 24V Constant Voltage							3 year warranty
Non-Dimmable							
ILDRCVB005	100 - 240V AC, 50/60Hz	60W	12VDC	5A	IP65	172 x 52.9 x 36.5 mm	2
ILDRCVB006	100 - 240V AC, 50/60Hz	97W	12VDC	8.1A	IP65	190 x 62 x 36.5 mm	2
ILDRCVB007	100 - 240V AC, 50/60Hz	150W	12VDC	12.5A	IP65	221 x 62 x 36.5 mm	2
ILDRCVB008	100 - 240V AC, 50/60Hz	216W	12VDC	18A	IP65	225 x 74 x 38 mm	2
ILDRCVB009	100 - 240V AC, 50/60Hz	99W	24VDC	4.1A	IP65	190 x 62 x 36.5 mm	2
ILDRCVB010	100 - 240V AC, 50/60Hz	150W	24VDC	6.3A	IP65	221 x 62 x 36.5 mm	2
ILDRCVB011	100 - 240V AC, 50/60Hz	250W	24VDC	10.4A	IP65	225 x 74 x 38 mm	2
HLG-320H-24A	100 - 240V AC, 50/60Hz	320W	24VDC	13.34A	IP65	256 x 90 x 43 mm	2
Dimmable (Triac)							
ELED-100-12T	100W Triac dimmable driver Output 12V DC Input 180 - 240VAC Rated power 100W Min. load 10W Suitable with Leading Edge dimmer						
ELED-100-24T	100W Triac dimmable driver Output 24V DC Input 180 - 240VAC Rated power 100W Min. load 10W Works better with Leading Edge dimmer						
ELED-200-12T	200W Triac dimmable driver Output 12V DC Input 180 - 240VAC Rated power 200W Min. load 20W Suitable with Leading Edge dimmer						
ELED-200-24T	200W Triac dimmable driver Output 24V DC Input 180 - 240VAC Rated power 200W Min. load 20W Works better with Leading Edge dimmer						

Surface Mounted Aluminium Profile for LED IP33 8mm/10mm Strips



Quick Code		Pic.
Profile		
ILPFS001	1M Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33 Strip, 15.2(W)x6(D)mm	1
ILPFS002	2M Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33 Strip, 15.2(W)x6(D)mm	1
ILPFS003	1M Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33 Strip, 15.2(W)x6(D)mm	2
ILPFS004	2M Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33 Strip, 15.2(W)x6(D)mm	2
Accessory (1 pc per product code)		
ILPFA005	Profile endcap without cable entry for ILPFS001/ILPFS002/ILPFS003/ILPFS004	3
ILPFA006	Profile endcap with cable entry for ILPFS001/ILPFS002/ILPFS003/ILPFS004	4
ILPFA007	Profile mounting bracket for ILPFS001/ILPFS002/ILPFS003/ILPFS004	5

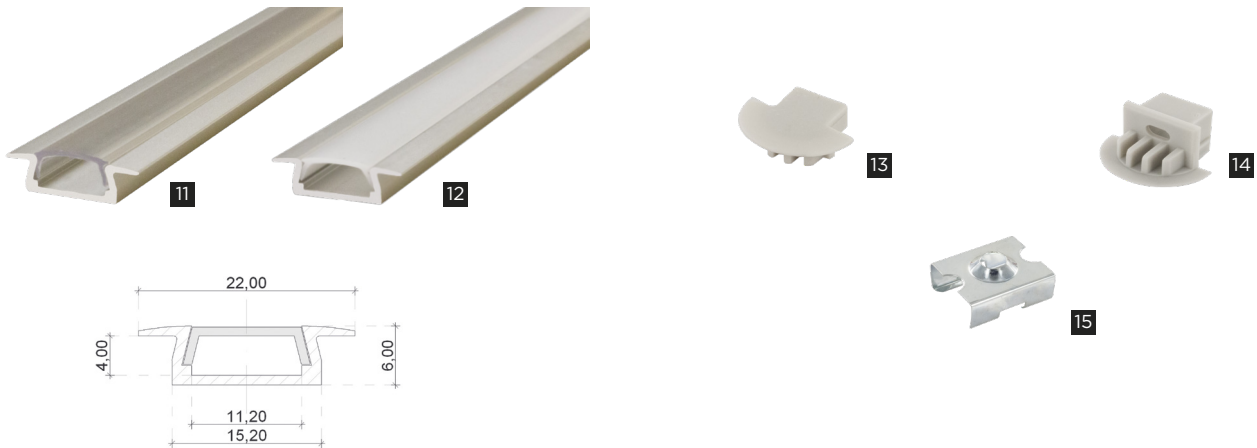
Surface Mounted Aluminium Profile for LED IP33/IP65 8mm/10mm Strips



Quick Code		Pic.
Profile		
ILPFS008	1M Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 16(W)x12(D)mm	6
ILPFS009	2M Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 16(W)x12(D)mm	6
ILPFS010	1M Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 16(W)x12(D)mm	7
ILPFS011	2M Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 16(W)x12(D)mm	7
ILPFS040*	1M Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip, 18(W)x13(D)mm	8
ILPFS041**	2M Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip, 18(W)x13(D)mm	8
ILPFS042*	1M Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip, 18(W)x13(D)mm	9
ILPFS043**	2M Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip, 18(W)x13(D)mm	9
Accessory (1 pc per product code)		
ILPFA012	Profile endcap without cable entry for ILPFS008/ILPFS009/ILPFS010/ILPFS011	10
ILPFA013	Profile endcap with cable entry for ILPFS008/ILPFS009/ILPFS010/ILPFS011	11
ILPFA014	Profile mounting bracket for ILPFS008/ILPFS009/ILPFS010/ILPFS011	12

* Each 1M include 2 mounting clips and 2 endcaps ** Each 2M include 4 mounting clips and 2 endcaps

Recessed Aluminium Profile for LED IP33 8mm/10mm Strips



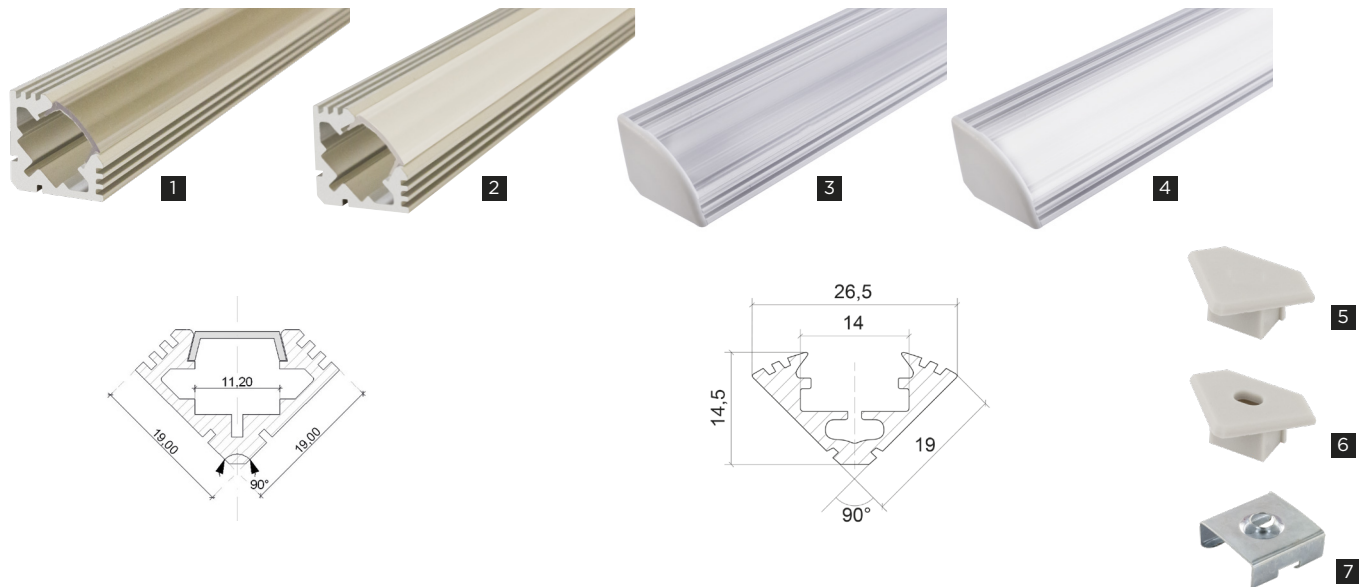
Quick Code		Pic.
Profile		
ILPFR015	1M Recessed Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33 Strip, 22(W)x6(D)mm	11
ILPFR016	2M Recessed Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33 Strip, 22(W)x6(D)mm	11
ILPFR017	1M Recessed Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33 Strip, 22(W)x6(D)mm	12
ILPFR018	2M Recessed Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33 Strip, 22(W)x6(D)mm	12
Accessory (1 pc per product code)		
ILPFA019	Profile endcap without cable entry for ILPFR015/ILPFR016/ILPFR017/ILPFR018	13
ILPFA020	Profile endcap with cable entry for ILPFR015/ILPFR016/ILPFR017/ILPFR018	14
ILPFA021	Profile mounting bracket for ILPFR015/ILPFR016/ILPFR017/ILPFR018	15

Recessed Aluminium Profile for LED IP33/IP65 8mm/10mm Strips



Quick Code		Pic.
Profile		
ILPFR022	1M Recessed Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 22(W)x12.2(D)mm	1
ILPFR023	2M Recessed Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 22(W)x12.2(D)mm	1
ILPFR024	1M Recessed Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 22(W)x12.2(D)mm	2
ILPFR025	2M Recessed Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33/IP65 Strip, 22(W)x12.2(D)mm	2
Accessory (1 pc per product code)		
ILPFA026	Profile endcap without cable entry for ILPFR022/ILPFR023/ILPFR024/ILPFR025	3
ILPFA027	Profile endcap with cable entry for ILPFR022/ILPFR023/ILPFR024/ILPFR025	4
ILPFA028	Profile mounting bracket for ILPFR022/ILPFR023/ILPFR024/ILPFR025	5

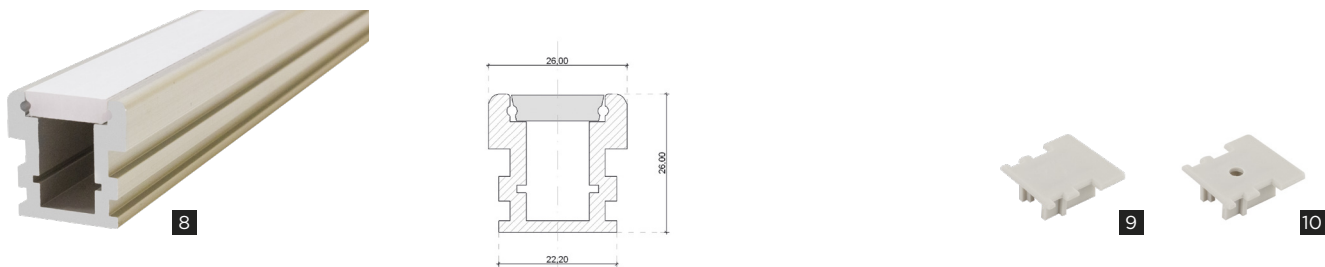
Corner Surface Mounted Aluminium Profile for LED IP33/IP65 8mm/10mm Strips



Quick Code	Profile	Pic.
ILPFC029	1M Corner Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33/IP65 Strip	1
ILPFC030	2M Corner Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm width IP33/IP65 Strip	1
ILPFC031	1M Corner Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33/IP65 Strip	2
ILPFC032	2M Corner Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm width IP33/IP65 Strip	2
ILPFC044*	1M Corner Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip	3
ILPFC045**	2M Corner Surface Mounted Aluminium Profile for Strips, Clear cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip	3
ILPFC046*	1M Corner Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strips	4
ILPFC047**	2M Corner Surface Mounted Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip	4
Accessory (1 pc per product code)		
ILPFA033	Profile endcap without cable entry for ILPFC029/ILPFC030/ILPFC031/ILPFC032	5
ILPFA034	Profile endcap with cable entry for ILPFC029/ILPFC030/ILPFC031/ILPFC032	6
ILPFA035	Profile mounting bracket for ILPFC029/ILPFC030/ILPFC031/ILPFC032	7

* Each 1M include 2 mounting clips and 2 endcaps ** Each 2M include 4 mounting clips and 2 endcaps

Recessed Aluminium Profile for LED IP33/IP65/IP67 8mm/10mm/12mm Strips



Quick Code	Profile	Pic.
ILPFR036	1M Recessed Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip, 26(W)x26(D)mm	8
ILPFR037	2M Recessed Aluminium Profile for Strips, Frosted cover included, suitable for 8mm/10mm/12mm width IP33/IP65/IP67 Strip, 26(W)x26(D)mm	8
Accessory (1 pc per product code)		
ILPFA038	Profile endcap without cable entry for ILPFR036/ILPFR037	9
ILPFA039	Profile endcap with cable entry for ILPFR036/ILPFR037	10

OUTDOOR

Design

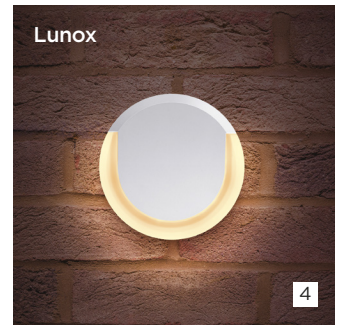
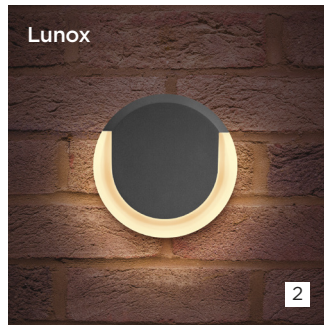
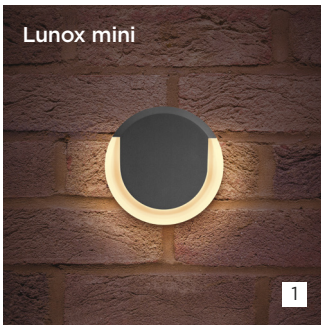
Discover Integral's new Outdoor range. Light up the exterior of your home with these small, stylish and contemporary LED luminaires. Choose from 12 different designs with options to allow you to:

- ✓ Illuminate your walls and doors
- ✓ Accentuate the lighting of your path
- ✓ Highlight your house number
- ✓ Build lighting into your wall

Quality

Weatherproof and hard-wearing, the Outdoor range is designed to last against the elements. These luminaires are built with die cast aluminium, ST316 stainless steel or polycarbonate.

- ✓ Low energy
- ✓ LED life expectancy of 25,000 hours
- ✓ Ingress protection up to IP65
- ✓ 3 years warranty



LED Contemporary Outdoor Lighting



Design

Discover Integral's new Outdoor range. Light up the exterior of your home with these small, stylish and contemporary LED luminaires.

Choose from 12 different designs with options to allow you to:

- Illuminate your walls and doors
- Accentuate the lighting of your path
- Highlight your house number
- Build lighting into your wall

OUTDOOR





Quality

Weatherproof and hard-wearing, the Outdoor range is designed to last against the elements. These luminaires are built with die cast aluminium, ST316 stainless steel or polycarbonate.

- Low energy
- LED life expectancy of 25,000 hours
- Ingress protection up to IP65
- 3 years warranty



Quick Code	Name	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Body Colour	Type	Dimensions mm	Pic.	
Outdoor Range											25,000 hrs. 3 year warranty	
Non-Dimmable												
	ILDEA002	Geolux	IP65	13	3000	600	46	80	Dark Grey	Standard	169mm x 55mm x 219mm	5
NEW	ILDEA021	Geolux	IP65	13	4000	620	48	80	Dark Grey	Standard	169mm x 55mm x 219mm	5
	ILDEA003	Night Sign	IP54	6	3000	525	88	80	Dark Grey	Dusk/Dawn Sensor	306mm x 60mm x 230mm	18
NEW	ILDEA024	Night Sign	IP54	6	4000	545	91	80	Dark Grey	Dusk/Dawn Sensor	306mm x 60mm x 230mm	18
	ILDEA004	Lunox mini	IP54	8	3000	380	48	80	Dark Grey	Standard	Ø 130mm x H: 39mm	1
	ILDEA005	Lunox	IP54	13	3000	560	43	80	Dark Grey	Standard	Ø 165mm x H: 40mm	2
	ILDEA006	Lunox mini	IP54	8	3000	400	50	80	White	Standard	Ø 130mm x H: 39mm	3
	ILDEA007	Lunox	IP54	13	3000	700	54	80	White	Standard	Ø 165mm x H: 40mm	4
	ILDEA008	Curve	IP54	7.5	3000	360	48	80	Dark Grey	Standard	270mm x 112mm x 82mm	6
	ILDEA009	Curve PIR	IP54	7.6	3000	360	47	80	Dark Grey	PIR Sensor	270mm x 112mm x 104mm	7
	ILDEA010	Pablo	IP54	8	3000	300	38	80	Dark Grey	Standard	65mm x 30mm x 170mm	8
NEW	ILDEA025	Pablo	IP54	8	4000	315	39	80	Dark Grey	Standard	65mm x 30mm x 170mm	8
	ILDEA011	Wave	IP65	7	3000	310	44	80	Dark Grey	Standard	230mm x 58mm x 72mm	9
NEW	ILDEA022	Wave	IP65	7	4000	320	46	80	Dark Grey	Standard	230mm x 58mm x 72mm	9
	ILDEA012	Vistalux	IP65	9	3000	400	44	80	Dark Grey	Standard	236mm x 68mm x 75mm	10
NEW	ILDEA023	Vistalux	IP65	9	4000	420	47	80	Dark Grey	Standard	236mm x 68mm x 75mm	10
	ILDEA013	Ciclo	IP54	11	3000	480	44	80	Dark Grey	Standard	140mm x 54mm x 177mm	11
	ILDEA014	Lux Stone	IP54	8.5	3000	320	38	80	Dark Grey	Standard	140mm x 45mm x 88mm	12
NEW	ILDEA026	Lux Stone	IP54	8.5	4000	335	39	80	Dark Grey	Standard	140mm x 45mm x 88mm	12
	ILBLA015	Brick	IP65	3.8	3000	180	47	80	Silver	Recessed	205mm x 65mm x 95mm	13
	ILBLA017	Pathlux Brick	IP65	3	3000	150	50	80	Dark Grey	Standard	210mm x 30mm x 85mm	14
	ILBLA018	Pathlux Step	IP65	2.2	3000	90	41	80	Dark Grey	Standard	Ø 128mm x H: 30mm	15
	ILBLA019	Pathlux Brick	IP65	3	3000	160	53	80	White	Standard	210mm x 30mm x 85mm	16
	ILBLA020	Pathlux Step	IP65	2.2	3000	100	45	80	White	Standard	Ø 128mm x H: 30mm	17

LED Super-Slim Floodlight

- Lower energy, more light
- Slim Design
- Aluminium body provides better heat dissipation
- 2m pre-wired cable

Integral LED Super-Slim Floodlights are low-energy, low-profile and water-resistant to IP67. They deliver a high lumen output, 4000K cool colour temperature and are suitable for indoor and outdoor areas.

With an all-aluminium body and a separate die-cast heat sink, the Floodlight's LED chipset has excellent heat dissipation to ensure durability and performance.



Applications: Gardens, driveways, car parks, loading bays, secure areas and leisure centres.

IP67



Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Dimensions mm	Pic.
Super-Slim Floodlight									20,000 hrs, 2 year warranty	
Non-Dimmable										
ILFLA001	IP67	20	4000	2000	100	70	120°	Black	169 x 141 x 50 mm	1
ILFLA002	IP67	30	4000	3000	100	70	120°	Black	206 x 166 x 55 mm	1
ILFLA003	IP67	50	4000	5000	100	70	120°	Black	257 x 207 x 70 mm	1
ILFLA004	IP67	100	4000	9000	90	70	120°	Black	324 x 258 x 90 mm	2

LED 2nd Generation Compact-Tough Floodlight

The new generation of Compact-Tough Floodlights are lighter and even more compact, with a frosted lens for reduced glare.

The Compact-Tough IP65-rated LED Floodlight breaks from convention with a design that meets the desire for attractive exterior lights. Meanwhile, a tough aluminium body and tempered glass refractor ensure that these floodlights are built to last. With 85% lower running costs compared to halogen equivalents, the Compact-Tough not only looks great, it is incredibly efficient as well.

For added convenience and functionality the Compact-Tough Floodlight is also available with a PIR sensor, so you get bright, energy-efficient light when and where you need it. Many exterior lights with PIR sensors have sensors with IP

ratings far below that of the luminaire itself. This means that while the luminaire will be tough and last for a long time, the sensor may be fragile and not last as long. The PIR sensor on the Integral LED Compact-Tough is rated at IP64 which means it has good weather-proof properties (resistant to water spray from any direction, as well as ingress of dust).

- 2nd generation Compact-Tough with frosted tempered glass lens for reduced glare
- Rugged aluminium and polycarbonate body with marine grade fixings
- Very efficient - 90lm/W
- Models available with PIR sensor (IP64)
- Pre-wired 2m cable for easy installation



Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Dimensions mm	Pic.
2nd Generation Compact Tough Floodlight										35,000 hrs, 3 year warranty

Non-Dimmable										
ILFLC022	IP65	20	4000	1800	90	80	110°	White	120mm x 95mm x 42mm	1
ILFLC023	IP65	30	4000	2700	90	80	110°	White	150mm x 120mm x 47mm	1
ILFLC024	IP65	50	4000	4500	90	80	110°	White	188mm x 145mm x 53mm	1
ILFLC026	IP65	20	4000	1800	90	80	110°	Black	120mm x 95mm x 42mm	2
ILFLC027	IP65	30	4000	2700	90	80	110°	Black	150mm x 120mm x 47mm	2
ILFLC028	IP65	50	4000	4500	90	80	110°	Black	188mm x 145mm x 53mm	2

Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Dimensions mm	Pic.
2nd Generation Compact Tough Floodlight with PIR Sensor										35,000 hrs, 3 year warranty

Non-Dimmable										
ILFLC030P	IP64	20	4000	1800	90	80	110°	White	120mm x 75mm x 157mm	3
ILFLC031P	IP64	30	4000	2700	90	80	110°	White	150mm x 76mm x 176mm	3
ILFLC032P	IP64	50	4000	4500	90	80	110°	White	188mm x 80mm x 201mm	3
ILFLC034P	IP64	20	4000	1800	90	80	110°	Black	120mm x 75mm x 157mm	4
ILFLC035P	IP64	30	4000	2700	90	80	110°	Black	150mm x 76mm x 176mm	4
ILFLC036P	IP64	50	4000	4500	90	80	110°	Black	188mm x 80mm x 201mm	4

Not all floodlights need to have an industrial look

- 2m pre-wired
- Tough aluminium body
- Tempered Glass
- Marine-grade fixings

COMPACT TOUGH



Applications: Gardens, driveways, car parks, loading bays, secure areas and leisure centres.

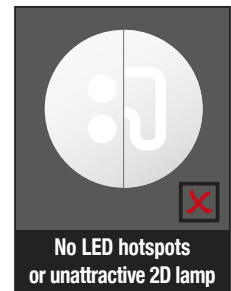
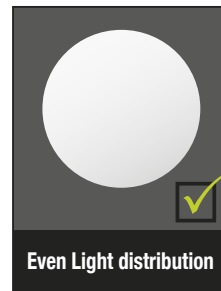


Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Dimensions mm	Pic.
Compact Tough Floodlight										35,000 hrs, 3 year warranty
Non-Dimmable										
ILFLB005	IP65	10	4000	900	90	80	110°	White	100 x 80 x 53 mm	1
ILFLB009	IP65	10	4000	1000	100	80	110°	Black	100 x 80 x 53 mm	2
ILFLB006	IP65	20	4000	1800	90	80	110°	White	145 x 115 x 70 mm	1
ILFLB010	IP65	20	4000	2000	100	80	110°	Black	145 x 115 x 70 mm	2
ILFLB007	IP65	30	4000	2700	90	80	110°	White	188 x 143 x 87 mm	1
ILFLB011	IP65	30	4000	3000	100	80	110°	Black	188 x 143 x 87 mm	2

Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Body Colour	Dimensions mm	Pic.
Compact Tough Floodlight with PIR Sensor										35,000 hrs, 2 year warranty
Non-Dimmable										
ILFLB013P	IP64	10	4000	850	85	80	110°	White	100 x 127 x 53 mm	3
ILFLB017P	IP64	10	4000	900	90	80	110°	Black	100 x 127 x 53 mm	3
ILFLB014P	IP64	20	4000	1800	90	80	110°	White	145 x 175 x 70 mm	3
ILFLB015P	IP64	30	4000	2700	90	80	110°	White	188 x 198 x 87 mm	3

Bulkhead, Ceiling/Wall Light

Integral LED offer a range of lighting solutions for wall and ceiling installation in a wide range of both commercial and residential applications. All are suitable for indoor areas such as hallways, stairways, walls and ceilings including bathrooms (Zone 2) and covered (sheltered) external areas, such as porches.



Round Slimline Ceiling / Wall Light

Integral's Slimline ceiling and wall light range features a back-lit LED design, providing a 120 degree beam angle for an even light distribution. The luminaire has a low-profile body depth of only 40mm/48mm (depending on model). In addition, the Slimline range has a long life expectancy of 40,000 hours (based on normal usage). Engineered from tough, high-grade polycarbonate material.

IP54

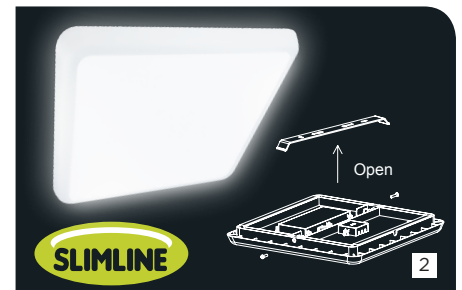


Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	Beam Angle	Function	Dimensions mm	Pic.
IP54 Round Slimline Ceiling and Wall Light									40,000 hrs, 2 year warranty	
Non-Dimmable										
ILBHC005	IP54	12	IK08	4000	1056	88	120°	-	Ø 250 x H: 48 mm	1
ILBHC006	IP54	18	IK08	4000	1584	88	120°	-	Ø 300 x H: 40 mm	1
ILBHC007	IP54	25	IK08	4000	2150	86	120°	-	Ø 350 x H: 40 mm	1
ILBHC008	IP54	12	IK08	4000	1056	88	120°	Emergency	Ø 250 x H: 48 mm	1
ILBHC009	IP54	12	IK08	4000	1056	88	120°	Microwave Sensor	Ø 250 x H: 48 mm	1
ILBHC010	IP54	12	IK08	4000	1056	88	120°	Microwave + Emergency	Ø 250 x H: 48 mm	1
ILBHC011	IP54	18	IK08	4000	1584	88	120°	Emergency	Ø 300 x H: 48 mm	1
ILBHC012	IP54	18	IK08	4000	1584	88	120°	Microwave Sensor	Ø 300 x H: 48 mm	1
ILBHC013	IP54	18	IK08	4000	1584	88	120°	Microwave + Emergency	Ø 300 x H: 48 mm	1
ILBHC016	IP54	12	IK08	4000	1056	88	120°	10% Standby/Microwave Sensor	Ø 250 x H: 48 mm	1
ILBHC014	IP54	18	IK08	4000	1584	88	120°	10% Standby/Microwave Sensor	Ø 300 x H: 48 mm	1

Square Slimline Ceiling and Wall Light

Featuring a stylish square casing with a slim body depth of only 50mm. Engineered from tough, high-grade polycarbonate material.

IP54



Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	Beam Angle	Function	Dimensions mm	Pic.
IP54 Square Slimline Ceiling and Wall Light									40,000 hrs, 2 year warranty	
Non-Dimmable										
ILBHD021	IP54	12	IK08	4000	1056	88	120°	-	L: 250 x W: 250 x H: 50 mm	2
ILBHD022	IP54	12	IK08	4000	1056	88	120°	Emergency	L: 250 x W: 250 x H: 50 mm	2
ILBHD023	IP54	12	IK08	4000	1056	88	120°	Microwave Sensor	L: 250 x W: 250 x H: 50 mm	2
ILBHD024	IP54	12	IK08	4000	1056	88	120°	Microwave + Emergency	L: 250 x W: 250 x H: 50 mm	2

Tough-Shell+ Bulkhead

Engineered from a super-tough IK10 rated polycarbonate body, the Tough Shell+ Bulkhead luminaire is ideal for exterior walls in homes, industrial estates and car parks. Indoor uses include walls and ceilings in hallways, stairways and bathrooms (Zone 1, 2 and 3). Models are available with an emergency function and a microwave sensor, with adjustable detection of up to 6 metres.



Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	Beam Angle	Body Colour	Function	Dimensions mm	Pic.
IP66 Tough Shell+ Bulkhead										40,000 hrs, 2 year warranty	
308mm Range											
ILBHA045	IP66	15	IK10	4000	1500	100	110°	White	Standard	Ø 308 x H: 88mm	1
ILBHA046	IP66	15	IK10	4000	1400	93	110°	White	Emergency	Ø 308 x H: 88mm	1
ILBHA047	IP66	15	IK10	4000	1500	100	110°	White	Microwave Sensor	Ø 308 x H: 88mm	1
ILBHA048	IP66	15	IK10	4000	1400	93	110°	White	Microwave + Emergency	Ø 308 x H: 88mm	1
ILBHA049	IP66	15	IK10	4000	1500	100	110°	Black	Standard	Ø 308 x H: 88mm	2
ILBHA050	IP66	15	IK10	4000	1400	93	110°	Black	Emergency	Ø 308 x H: 88mm	2
ILBHA051	IP66	15	IK10	4000	1500	100	110°	Black	Microwave Sensor	Ø 308 x H: 88mm	2
ILBHA052	IP66	15	IK10	4000	1400	93	110°	Black	Microwave + Emergency	Ø 308 x H: 88mm	2
350mm Range											
ILBHA037	IP66	24	IK10	4000	2500	104	120°	White	Standard	Ø 350 x H: 103mm	1
ILBHA038	IP66	24	IK10	4000	2400	100	120°	White	Emergency	Ø 350 x H: 103mm	1
ILBHA039	IP66	24	IK10	4000	2500	104	120°	White	Microwave Sensor	Ø 350 x H: 103mm	1
ILBHA040	IP66	24	IK10	4000	2400	100	120°	White	Microwave + Emergency	Ø 350 x H: 103mm	1
ILBHA041	IP66	24	IK10	4000	2500	104	120°	Black	Standard	Ø 350 x H: 103mm	2
ILBHA042	IP66	24	IK10	4000	2400	100	120°	Black	Emergency	Ø 350 x H: 103mm	2
ILBHA043	IP66	24	IK10	4000	2500	104	120°	Black	Microwave Sensor	Ø 350 x H: 103mm	2
ILBHA044	IP66	24	IK10	4000	2400	100	120°	Black	Microwave + Emergency	Ø 350 x H: 103mm	2

Quick Code

Tough Shell+ Accessories

ILBHAA053 4 anti-theft screws and key for IP66 Tough Shell+ diffuser

NEW ILBHAA055 Black eyelid cover for 308mm IP66 Tough Shell+



Tough-Shell Bulkhead

The Integral IP44 Tough-Shell Bulkhead is suitable for all indoor areas such as hallways, stairways, walls and ceilings including bathrooms (Zone 2) and covered (sheltered) external areas, such as porches. The Tough-Shell is engineered from tough, high-grade polycarbonate material and has a long life expectancy of 25,000 hours, based on normal usage.

Tough-Shell Bulkhead

Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Dimensions mm	Pic.
IP44 Tough-Shell Bulkhead									25,000 hrs, 2 year warranty	
Non-Dimmable										
ILBHA001	IP44	12	IK09	4000	924	77	80	200°	Ø 250 x H: 102 mm	1
ILBHA002	IP44	18	IK09	4000	1350	75	80	200°	Ø 300 x H: 102 mm	1
ILBHA003	IP44	24	IK09	4000	1750	73	80	200°	Ø 350 x H: 102 mm	1





Value+

These IP44 luminaires provide excellent value for money and can be installed in any interior areas including staircases, bathrooms (zone 2) as well as sheltered external areas such as porches. The PMMA diffuser creates a soft light with a subtle halo effect. The range includes Cool White and Warm White options for colour temperature.

Round Value+ Ceiling and Wall Light

Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	CRI >=	Beam Angle	Dimensions mm	Pic.
IP44 Round Value+ Ceiling and Wall Light									25,000 hrs, 2 year warranty
Non-Dimmable									
ILBHE025	IP44	10	4000	800	80	80	100°	Ø 250 x H: 85 mm	3
ILBHE026	IP44	16	4000	1200	75	80	120°	Ø 300 x H: 85 mm	3
ILBHE027	IP44	21	4000	1600	76	80	100°	Ø 350 x H: 85 mm	3
ILBHE028	IP44	10	3000	700	70	80	100°	Ø 250 x H: 85 mm	3
ILBHE029	IP44	16	3000	1100	69	80	120°	Ø 300 x H: 85 mm	3
ILBHE030	IP44	21	3000	1500	71	80	100°	Ø 350 x H: 85 mm	3

Trim/Ring for Value+ Ceiling and Wall Light



4



5

Quick Code	Description	Pic.
Trim/Ring for Value+ Ceiling and Wall Light		Available from Jan 2017
Accessory		
ILBHEA031	White Trim/Ring for Value+ ceiling light Ø 250mm	4
ILBHEA032	White Trim/Ring for Value+ ceiling light Ø 300mm	4
ILBHEA033	White Trim/Ring for Value+ ceiling light Ø 350mm	4
ILBHEA034	Polished Chrome Trim/Ring for Value+ ceiling light Ø 250mm	5
ILBHEA035	Polished Chrome Trim/Ring for Value+ ceiling light Ø 300mm	5
ILBHEA036	Polished Chrome Trim/Ring for Value+ ceiling light Ø 350mm	5

Case Study:

How Kverneland improved safety and lowered maintenance costs

Kverneland is a leading brand within the world of farming machinery. From its UK hub based in the North West, the business supplies equipment of all sizes, from giant cultivators drawn by tractors, through to the smallest nut and bolt used to maintain and service the wide range of agricultural implements. Safety and accuracy, as well as cost savings, were on the agenda when it became time to refurbish the old fluorescent lighting scheme throughout the extensive site. Peter Mulholland and his colleagues turned to his trusted support team of electrical contractors to plan the refit and chose an Integral LED product as the ultimate solution.

Working in an environment that processes and dispatches 4000 units per month is a challenge for logistics but when many of the items weigh thousands of kilos, safety has a major bearing on daily operations. Naturally, the correct levels of lighting is a major element of a safety regime. The company's existing fluorescent strip lighting was proving inadequate, especially in the narrower aisles. A constant programme of tube replacements was required which entailed the wasteful expense of hiring scissor lifts to gain access. Inevitably, strip lights remained blown or flickering between maintenance cycles, creating potentially hazardous areas on the shop floor. It was time for a change.

"I was aware of the cost benefits of LED lights, remarked Peter Mulholland, Warehouse Manager, but actually, it was the safety concerns and escaping the constant cycle of tube replacements that triggered the need for a switch."



Following board level approval, local electrical wholesaler Mr Ohms was asked to select suitable products - liaising with Kverneland's established electrical contractor. Many of the offerings were heavy metal fixtures and a lightweight replacement luminaire with suitable weatherproofing was preferred. Among the short-listed samples that were tested onsite, was the Integral LED 6ft Batten (Linkable) which provides 6325lm of illumination and is powered by a mere 55W. The 'cool white' option was more than a match in terms of illumination for the existing double fluorescent tube unit. Weighing in at just 1.4Kg, the LED luminaire was a fraction of the original's weight. An order for two hundred and fifty LED Battens was placed and a five-week installation was scheduled over two periods. The refit went smoothly, the electrical installation team particularly commended the easy-fit brackets that easily clip on to the body of the luminaire and the speed that the units were cabled together in series through quick fit input and output gland connectors.

The immediate reaction following the refurbishment was very favourable. All workers reported improved working conditions with better visibility for tractor drivers through to the pick and pack warehouse operators. All parties agree that targets of improved safety and increased levels of stock take accuracy have been met. Not least, a major improvement in running costs is anticipated too. Dropping power from 140W to 55W across all lighting fixtures effectively has secured a 60% saving on electricity usage.

"LED delivers a major saving that effectively pays for itself within two years and with the addition of motion/occupancy sensors that are ideally suited to LED, our clients can look forward to much smaller bills," commented Craig Larn, Mr Ohms the supplying electrical wholesaler."

Thankfully, with a guaranteed 25,000 hours of operation for each Integral LED Batten, Kverneland won't be needing to hire a scissor lift any time soon! ■



IP65 Slimline LED Battens

Integral IP65 LED battens are highly efficient, perfect for new installations and ideal for replacing traditional waterproof luminaires (18W to 70W).

The batten range has a white injection moulded housing and diffuser. To connect more than one batten in a series use the cable entry gland supplied with the batten. Fixing brackets are also included and the LED driver is integrated to minimise installation times.



Applications: Ideal for outdoor/indoor applications such as warehouses, assembly plants, corridors, private car parks, logistic premises and consumer residential.



Batten can be linkable using the supplied cable entry IP65 gland.



IP65 Slimline LED Battens

Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	Beam Angle	Description	Dimensions mm*	Pic.
Slimline LED Batten - Linkable									25,000 hrs, 3 year warranty	
Non-Dimmable										
ILBTOA001	IP65	18.5	IK08	4000	2130	115	120°	LED Batten 18.5W 2ft	656 x 75 x 52 mm	1
ILBTOA002	IP65	38	IK08	4000	4370	115	120°	LED Batten 38W 4ft	1266 x 75 x 52 mm	1
ILBTOA003	IP65	46.5	IK08	4000	5350	115	120°	LED Batten 46.5W 5ft	1566 x 75 x 52 mm	1
ILBTOA004	IP65	55	IK08	4000	6325	115	120°	LED Batten 55W 6ft	1866 x 75 x 52 mm	1

Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	Beam Angle	Description	Dimensions mm*	Pic.
Slimline LED Batten - Non-Linkable									25,000 hrs, 3 year warranty	
Non-Dimmable										
ILBTOA005	IP65	18.5	IK08	4000	2130	115	120°	LED Batten 18.5W 2ft	656 x 75 x 52 mm	2
ILBTOA006	IP65	38	IK08	4000	4370	115	120°	LED Batten 38W 4ft	1266 x 75 x 52 mm	2
ILBTOA007	IP65	46.5	IK08	4000	5350	115	120°	LED Batten 46.5W 5ft	1566 x 75 x 52 mm	2
ILBTOA008	IP65	55	IK08	4000	6325	115	120°	LED Batten 55W 6ft	1866 x 75 x 52 mm	2

*Excluding IP65 cable entry gland

LIGHTSPAN



1



Lightspan

Integral Lightspan Battens provide an efficient alternative to T8 fluorescent tube fittings. At up to 7800lm, Lightspan battens are ideal for indoor commercial spaces that need bright task lighting and at up to 120lm/W they offer big energy savings compared to equivalent fluorescent fittings.

Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	Beam Angle	Description	Dimensions mm*	Pic.
Lightspan T8 Style LED Batten									
Non-Dimmable									
NEW ILBTC051	IP20	43	4000	5150	119	140°	LED Batten 43W 4ft	1170 x 60 x 71 mm	1
NEW ILBTC053	IP20	60	4000	7200	120	140°	LED Batten 60W 5ft	1470 x 60 x 71 mm	1
NEW ILBTC055	IP20	65	4000	7800	120	140°	LED Batten 65W 6ft	1734 x 60 x 71 mm	1
PIR Sensor with Remote Control									
ILBTASE057	PIR Batten Sensor 85-265V AC 50/60HZ IP65 PIR 0-10V Dimming Remote Control								

Value+ IP20 LED Battens

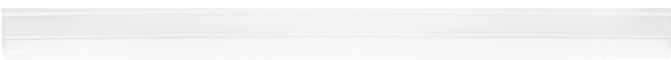
Integral Value+ IP20 LED Battens are perfect for work benches, shelving areas and stock rooms. At 100lm/W these LED battens are an ideal replacement for traditional fluorescent tube lights, providing energy savings over their lifetime.

The Value+ range has a white injection moulded housing and a diffuser for even light distribution. This range comes pre-wired and fixing brackets are also included for easy installation. The rear of the batten provides flexibility to hide the cable resulting in a discreet finish.



Applications: Ideal for indoor applications such as work benches, shelving areas and stock rooms.

2



Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	Beam Angle	Description	Dimensions mm*	Pic.
Value+ IP20 LED Batten - Non-Linkable								30,000 hrs, 3 year warranty	
Non-Dimmable									
ILBTC036	IP20	9	4000	900	100	130°	LED Batten 9W 2ft	600 x 27 x 36 mm	2
ILBTC037	IP20	18	4000	1800	100	130°	LED Batten 18W 4ft	1200 x 27 x 36 mm	2
ILBTC038	IP20	22	4000	2200	100	130°	LED Batten 22W 5ft	1500 x 27 x 36 mm	2
ILBTC039	IP20	9	6500	900	100	130°	LED Batten 9W 2ft	600 x 27 x 36 mm	2
ILBTC040	IP20	18	6500	1800	100	130°	LED Batten 18W 4ft	1200 x 27 x 36 mm	2
ILBTC041	IP20	22	6500	2200	100	130°	LED Batten 22W 5ft	1500 x 27 x 36 mm	2

Cabinet IP20 LED Battens

Low-energy LED batten. Suitable for under cabinet and shelf lighting. 1.5m power lead included. Frosted diffuser for even light distribution, no hot spots. Mounting kit included for easy installation. Integrated Driver to virtually eliminate flicker.

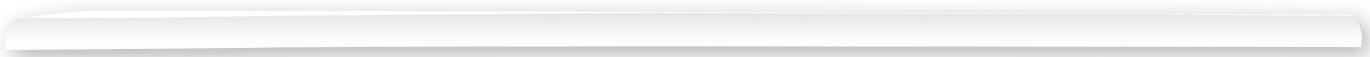


Applications: Ideal for indoor applications such as under cabinet lighting (kitchen cabinets and bookcases).

- On/off switch on side of batten



1



Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	Beam Angle	Description	Dimensions mm*	Pic.
LED Cabinet Batten - Linkable								25,000 hrs, 2 year warranty	
Non-Dimmable									
ILCLB001	IP20	4	3000	360	90	140°	LED Batten 4W 1ft	310 x 23 x 36 mm	1
ILCLB002	IP20	8	3000	720	90	140°	LED Batten 8W 2ft	570 x 23 x 36 mm	1
ILCLB003	IP20	12	3000	1080	90	140°	LED Batten 12W 3ft	870 x 23 x 36 mm	1
ILCLB004	IP20	16	3000	1350	84	140°	LED Batten 16W 4ft	1170 x 23 x 36 mm	1
ILCLB005	IP20	4	4000	380	95	140°	LED Batten 4W 1ft	310 x 23 x 36 mm	1
ILCLB006	IP20	8	4000	760	95	140°	LED Batten 8W 2ft	570 x 23 x 36 mm	1
ILCLB007	IP20	12	4000	1140	95	140°	LED Batten 12W 3ft	870 x 23 x 36 mm	1
ILCLB008	IP20	16	4000	1520	95	140°	LED Batten 16W 4ft	1170 x 23 x 36 mm	1
Accessory (Enabling Linkable feature)									
ILCLA009	Cable link accessory 100mm								
ILCLA010	Cable link accessory 300mm								
ILCLA011	Cable link accessory 500mm								

What is tri-proof?

Any IP65 rated lamp or fitting is water, vapour and dust proof. Integral LED tri-proof battens are also corrosion proof, as there are no metallic components in the casing of the luminaire. Ideal for facilities where steam and dampness are inevitable.

Warehouses with lower ceilings (3-4m) will benefit from these safe and long-lasting luminaires. Emergency and sensor* options are available to increase the practicality of this efficient luminaire.

** 2 Step dimming not adjustable: 15 min stand-by/10% dimmed light

IP65 IK09 Tri-Proof LED Batten



Stainless steel Surface mounting Kit

Included:
4ft, 5ft: 2pcs
6ft: 3pcs



Emergency test Remote Control

(supplied with emergency models)



Stainless steel Suspension Kit

Optional accessory:
4ft, 5ft: 2 wires required
6ft: 3 wires required



Quick Code	Type	Watts (W)	Temp K	Lumens lm	Lumens per watt	Beam Angle	Description	Net Weight (Kg)	Dimensions mm	Pic.
IP65 IK09 Tri-Proof LED Batten									35,000 hrs. 3 year warranty	
Non-Linkable										
ILBTB017	Standard	45	4000	5400	120	110°	LED Batten 45W 4ft	1.78	1200 x 94 x 60 mm	1
ILBTB018	Emergency*	45	4000	5400	120	110°	LED Batten 45W 4ft	2.18	1200 x 94 x 60 mm	1
ILBTB019	Sensor	45	4000	5400	120	110°	LED Batten 45W 4ft	1.78	1200 x 94 x 60 mm	1
ILBTB020	Standard	60	4000	7200	120	110°	LED Batten 60W 5ft	2.18	1500 x 94 x 60 mm	1
ILBTB021	Emergency*	60	4000	7200	120	110°	LED Batten 60W 5ft	2.58	1500 x 94 x 60 mm	1
ILBTB022	Sensor	60	4000	7200	120	110°	LED Batten 60W 5ft	2.18	1500 x 94 x 60 mm	1
ILBTB023	Standard	70	4000	8400	120	110°	LED Batten 70W 6ft	3.56	1800 x 94 x 60 mm	1
ILBTB024	Emergency*	70	4000	8400	120	110°	LED Batten 70W 6ft	4.16	1800 x 94 x 60 mm	1
ILBTB025	Sensor	70	4000	8400	120	110°	LED Batten 70W 6ft	3.56	1800 x 94 x 60 mm	1
ILBTB026	Standard	45	6500	5400	120	110°	LED Batten 45W 4ft	1.78	1200 x 94 x 60 mm	1
ILBTB027	Emergency*	45	6500	5400	120	110°	LED Batten 45W 4ft	2.18	1200 x 94 x 60 mm	1
ILBTB028	Sensor	45	6500	5400	120	110°	LED Batten 45W 4ft	1.78	1200 x 94 x 60 mm	1
ILBTB029	Standard	60	6500	7200	120	110°	LED Batten 60W 5ft	2.18	1500 x 94 x 60 mm	1
ILBTB030	Emergency*	60	6500	7200	120	110°	LED Batten 60W 5ft	2.58	1500 x 94 x 60 mm	1
ILBTB031	Sensor	60	6500	7200	120	110°	LED Batten 60W 5ft	2.18	1500 x 94 x 60 mm	1
ILBTB032	Standard	70	6500	8400	120	110°	LED Batten 70W 6ft	3.56	1800 x 94 x 60 mm	1
ILBTB033	Emergency*	70	6500	8400	120	110°	LED Batten 70W 6ft	4.16	1800 x 94 x 60 mm	1
ILBTB034	Sensor	70	6500	8400	120	110°	LED Batten 70W 6ft	3.56	1800 x 94 x 60 mm	1
Accessory									Suspension wire length	
ILBTASK035	Suspension wire (One per pack)								1.5 mm	2

*Remote control with emergency models

**See warranty T&C on www.integral-LED.com

LED Luminaires

Linear Low Bay

Integral's LED Linear Low Bay is designed for retrofit projects and new installations.

2m suspension wires included.



1



Applications: Ideal for warehouses, assembly plants, showrooms and retail premises.



Quick Code	IP Rating	Watts (W)	Temp K	Lumens lm	Lumens per watt	Beam Angle	CRI	Net Weight (Kg)	Dimensions mm	Pic.
Linear Low Bay										50,000 hrs, 3 year warranty
Non-Dimmable										
ILHBL009	IP65	100	5000	13000	130	110°	80	2.5	824 x 150 x 106 mm	1
ILHBL010	IP65	160	5000	20800	130	110°	80	3	1224 x 150 x 106 mm	1

LED High Bay



"The 4Kg" LED High Bay

Integral's 4Kg LED High Bay is designed for retrofit projects and new installations.

The 4Kg High Bay range has a 1-10V dimmability feature as standard, providing further energy savings by connecting the lamps to remote movement or daylight sensors.

Supplied with 1m cable lead for easy installation. Ideal for warehouses, assembly plants, showrooms and retail premises.

*Picture 1 refers to 50° beam angle High Bay



2

Side view

Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	CRI	Beam Angle	Net Weight (Kg)	Dimensions mm	Pic.
Circular High Bay										50,000 hrs, 3 year warranty*	
1-10V Dimmable											
ILHBC001	IP65	100	IK08	5000	12000	120	80	50°	4.42	Ø 362 x H: 204 mm	2
ILHBC002	IP65	100	IK08	5000	12000	120	80	110°	4.42	Ø 362 x H: 204 mm	
ILHBC003	IP65	150	IK08	5000	18000	120	80	50°	4.42	Ø 362 x H: 204 mm	2
ILHBC004	IP65	150	IK08	5000	18000	120	80	110°	4.42	Ø 362 x H: 204 mm	
ILHBC011	IP65	200	IK08	5000	24000	120	80	50°	4.78	Ø 362 x H: 206 mm	2
ILHBC012	IP65	200	IK08	5000	24000	120	80	110°	4.78	Ø 362 x H: 206 mm	
ILHBC005	IP65	240	IK08	5000	26200	109	80	50°	4.78	Ø 362 x H: 206 mm	2
ILHBC006	IP65	240	IK08	5000	26200	109	80	110°	4.78	Ø 362 x H: 206 mm	

*For 5 year warranty contact sales team



Applications: Ideal for warehouses, assembly plants, showrooms and retail premises.

SPACELUX LED High Bay

A revolutionary High Bay weighing in at less than 4kg

The Integral LED Spacelux High Bay is a major step forward for LED high bay lighting that needs to be seen (or rather held) to be believed. While the tough body of the luminaire carries an impressive IK08 rating it weighs less than 4kg!

The Spacelux is certainly bright at 12,000 / 20,960 lumens, but the polycarbonate diffuser makes the light surprisingly soft, with low glare. A specially designed driver virtually eliminates flicker.

The body of the luminaire has a pleasing neutral look, not overly industrial like many high-bays. This means it will look great in spaces such as showrooms and retailers, as well as warehouses and assembly plants.

An optional Reflector Hood (sold separately) further reduces the glare while narrowing the beam angle.

- Very lightweight for its size - 3.35/3.85kg (depending on model)
- Bright, diffused light with no hotspots or exposed LEDs
- 5000K Daylight colour temperature
- IP65 - dust-proof and water-resistant
- Pre-wired with 2m power lead for easy installation



1

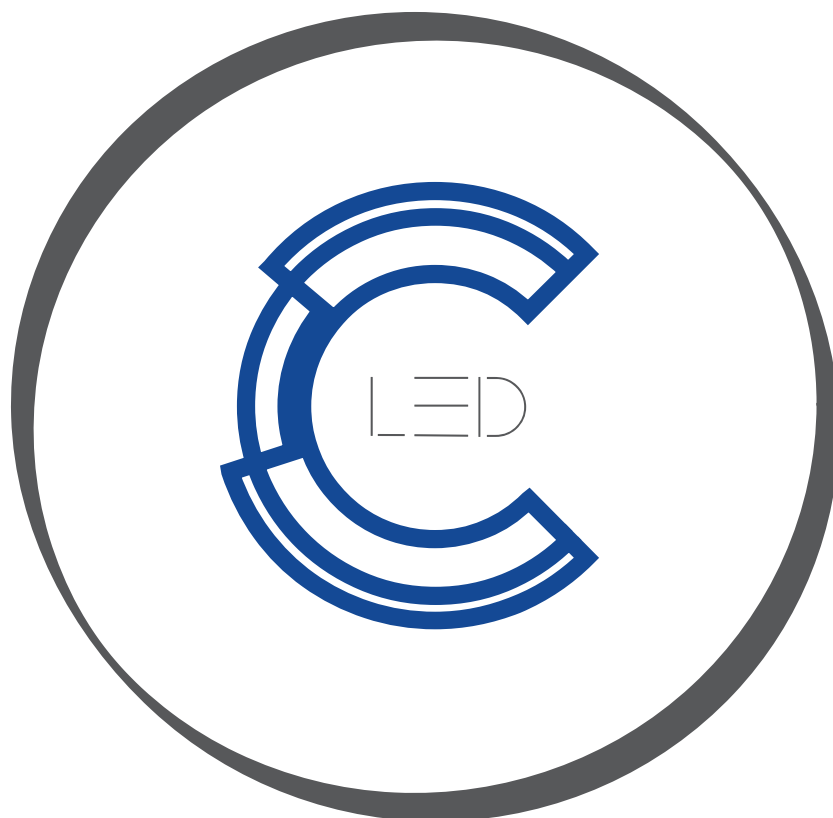


2



Quick Code	IP Rating	Watts (W)	IK Rating	Temp K	Lumens lm	Lumens per watt	CRI	Beam Angle	Net Weight (Kg)	Dimensions mm	Pic.
Spacelux High Bay										50,000 hrs, 3 year warranty	
560 mm Non-Dimmable											
ILHBG007	IP65	160	IK08	5000	20960	131	>80	110°	3.85	Ø 560 x H: 70 mm without bracket	1
420 mm Dimmable											
ILHBG022	IP65	100	IK08	5000	12000	120	80	110°	3.35	Ø 420 x H: 70 mm without bracket	
Accessory											
ILHBAR008	Silver Reflector hood 85° for ILHBG007										2

*For 5 year warranty contact sales team



CONNECTILED
96 Bis rue des Cicottées
37550 Saint-Avertin

WWW.CONNECTILED.COM

Nous suivre sur les réseaux

