



VENTURE
LIGHTING

2021 - 2022

YOUR **LIGHTING SOLUTIONS** CATALOGUE

Improving people's lives through lighting technology

Venture create new ways
for **people to integrate** with
built environments, through
innovative use of lighting
and **visionary application** of
emerging technology.

Light connects us to the world
around us, **Venture connects you
to more than just light.**





WE ARE PASSIONATE ABOUT LIGHTING

Sustainability of Purchase

We are committed to reducing our global manufacturing and shipping footprint. Removing non-recyclable materials from our packaging continues across the entire portfolio. Now we are reaching out to reduce the carbon emissions of our supply chain.

Sustainability of Operation

As we accelerate the upgrade to LED technology the life expectancy of luminaires is increasing exponentially - this is why it is so important to consider your purchase at the outset. Whatever you purchase now should still be operational in a decade or so, we are here to help you make an educated decision before taking this big step. Energy usage is crucial for reducing our carbon footprint as well as energy bills. We strive to help our customers make the best decisions when upgrading not just as a short term solution, but a much longer-term investment.

Quality of Service

We care. Lighting upgrades matter. We endeavour to help each customer find their best solution. Quality of data, quality of service, quality of lighting design. Each order matters to us and each order is given the care it deserves.

Quality of Product

Our products are designed and sourced in the UK with stringent checks and processes. As an industry leader with over 35 years of experience, we understand the quality our customers expect. This drives us. From how a product performs, to how a product feels we understand the importance of this. There is a certain expectation that must be met, without being spoken about. Knowing the quality to expect, without question - this is our mantra.

VENTURE HERITAGE

Founded in the U.S during the early 1980s and later established in the UK during 1997, the Venture Lighting brand has a rich heritage of knowledge and expertise within the international lighting community. Having built a reputation as the market leader in the development and manufacture of light source technology, we have delivered continuous product innovations within the traditional lamps and control gear technology, through to our current and ever-evolving portfolio of LED Luminaires, Smart Controls and Drivers.

1945

Parry starts the design, development and manufacturing of magnetic ballasts.

1950

PARMAR becomes an established trademark.

1960

Encapsulated canned ballasts were created.

1970

Open-framed impregnated ballasts were introduced.

1980

Parry began designing and manufacturing ignitors.

1983

Venture Lighting is established in Cleveland, Ohio US.

1985

Venture develop Uniform Pulse Start Technology creating superior and market-leading lamp performance in Metal Halide Technology.

1990

Venture design and manufacture electronic fluorescent ballasts.

1995

Advanced Lighting Technologies (ADLT) is formed to combine 17 operating units, creating a market-leading innovator and manufacturer of energy-efficient lighting materials and finished products.

1997

Venture Lighting Europe Ltd is established as the European operation for the Venture Brand.

2000

Venture is fully established in the UK with a portfolio of lamps and ballasts.

2001

ADLT acquires Auer Lighting in Germany, a leading manufacturer in the development of precision glass components and coating solutions.

2005

India factories are fully operational.

2010

Venture design and manufacture a high frequency electronic HID ballast.

2013

Venture develop and introduce Twin Arc Sustainability lamps increasing rated life to 40,000hrs.

2015

Venture design and manufacture first range of LED luminaires for Industrial & Commercial applications.

2020

Venture develop wireless control solutions for Industrial & Commercial applications.

2021

Venture Lighting Europe acquire the Harvard brand and product range of LED Components, complete with in-house vertical integration capabilities within our Venture India manufacturing facilities.

Our in-house Goniophotometer.



Our Strength is in Our People.

It takes a lot of skill, time and patience to design, engineer, assemble and ship our products. But here at Venture Lighting, as well as providing quality products, we understand our customers remain loyal due to our first-class, end-to-end service.

This is achieved through our people. Dedication, commitment and passion to ensure we are providing our customers with the confidence that they will be supported long after a product has been bought, installed and set up.

Our strength is in our people.

ENGINEERED IN THE UK

At Venture Lighting Europe we are proud to engineer our products here in the UK



WE **DESIGN**

WE **ENGINEER**

WE **EVALUATE**

WE **APPROVE**

WE **ASSEMBLE**

We can create bespoke solutions and provide end-to-end service, support and project management for our customers.



WARRANTY & ONSITE WARRANTY

We believe in our products and that is why we offer industry-leading warranties to give our customers the peace of mind they deserve when buying from the Venture brand.

We now offer 7-year warranties on some of our range as well as the added security of a 2-year onsite warranty!



**YEARS'
WARRANTY**



**YEARS'
ONSITE
WARRANTY**

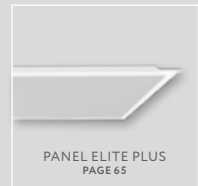
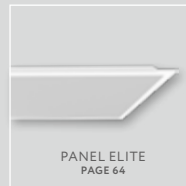
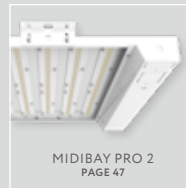
We have designed our products responsibly with extensive testing to give us confidence in longer warranties, however, we will need a few small details to ensure these are being used within their permitted guidelines. You will need to register your fixture for your Venture 24/7 warranty certificate!

To register your product, visit

www.venturelighting europe.com/resources/warranty

Quality is remembered long
after **price is forgotten.**

Products available for our extended warranties are:



GETTING TECHNICAL

We have advanced onsite testing facilities supporting LED luminaire development and maintain a full electrical and photometric centre in the UK. An experienced and committed team of engineers can undertake a full scope of design work and collaborate with customers to create bespoke solutions.

Our reputation for expertise in the market has been built over many years, established by being at the forefront of developing new technologies.

TECHNICAL TERMS

- | | |
|--|---|
|  Lifetime (hours) |  DALI Dimmable |
|  Warranty (years) |  Green Design Upgrade |
|  Onsite Warranty (years) |  Lumen Maintenance |
|  IK08 Impact Resistance Rating |  Ingress Protection Rating |
|  Temperature Rating |  Unified Glare Ratio |
|  TP(a) / TP(b) |  Smart Controls |
|  Emergency Function |  Next Day Delivery |
|  Emergency Self-Test |  Limited Surface Temperature |
|  Battery Warranty (years) |  1-10V Dimmable |



Our in-house Goniophotometer.

VENTURE SENSE

Venture leverages over 35 years of technical experience to curate a range of wireless product additions, enhancing performance at every level of your organisation. Building upon our core competencies of lighting and luminaire design the Venture Sense philosophy combines significant energy reduction, enhanced user experience and greatly simplified maintenance schedules.

Venture Sense allows you to overcome the constraints of traditional tethered controls and thrive within the lit environment.



WIRELESS MAKES SENSE...



Intuitively control your lighting with the freedom to interact through fixed control points, make adjustments via an app, or even administer fully from a remote location. Take control of everything from individual luminaires to entire buildings simply and on the fly.



API Interoperability allows connections across multiple systems and integration with existing building networks.



Emergency Status Reporting revolutionises maintenance schedules, removing the need for manual testing and costly overtime.



Black Box Data from every Sense-enabled luminaire allows problems to be diagnosed and even avoided before they can occur.



Sensor-based Heat Mapping gives unique insight into space utilisation and operational efficiency beyond that of just the lighting systems.



Environment Monitoring ensures that all aspects of your space work together in harmony to provide the best possible conditions for occupants.



PROJECT SENSE

Venture Lighting can help you on your journey into the connected space. **Let us take care of the whole process from start to finish.**

VENTURE FLEX

We work within your specification to produce the ideal lighting scheme and controls schedule. Need something a little different? Our UK-based engineering team can customise products to your needs.



VENTURE BUILD

Products are assembled and fully tested at our centrally-located production facility. Controls can be pre-commissioned if required in order to minimise time onsite and help your project run smoothly.



VENTURE THINK

On-site commissioning engineers visit to configure your lighting in accordance with the initial plans. Any small tweaks are applied as required before full control of the lighting is transferred to your nominated person.





**Venture Sense
Wireless Solution**

VENTURE SENSE WIRELESS SOLUTION AT **SPORTSCOTLAND** INVERCLYDE

Project case study working at **sportscotland** National Sports Training Centre in Inverclyde, Scotland.

Venture Midibays have been fitted to meet the stringent lux requirements for professional competition whilst keeping glare low with prismatic optics. The conversion to 155 Lumen-per-Watt LED lighting naturally **reduced energy consumption, carbon and running costs resulting in an ROI period of just 2.2 years.**

The lighting scheme also included a tailored **Venture Sense wireless solution, granting the occupants absolute control and flexibility over the lighting.** Depending on the type of activity taking place the lux levels can be instantly switched from 300 to 1000lux – or anywhere in between.

Lighting scheme designed and installed by
Earlsmann - Commercial LED Lighting Solutions.

Find our Midibay Edge Pro 2 - Page 47



LEASE TO OWN

A finance solution made for you. We have created an innovative leasing programme uniquely designed to help our customers make investments in high-quality energy-saving lighting solutions.

Every business needs lighting, and this solution makes it easier for our customers to acquire high-quality LED products on a 'lease to own' basis. Helping them upgrade their lighting and reduce energy costs.

Leasing your lighting means you will benefit from an immediate upgrade of technology which will, in turn, provide you with a rapid payback period without incurring initial upfront costs.

Our leasing programme is a flexible solution that provides ongoing credit and future upgrade opportunities.



Conserves working capital making leasing an efficient use of cash.



Easy budgeting through fixed payments.



Upgrade to LED sooner and reduce operational costs.



Energy-saving projects can be cost-neutral from day one.



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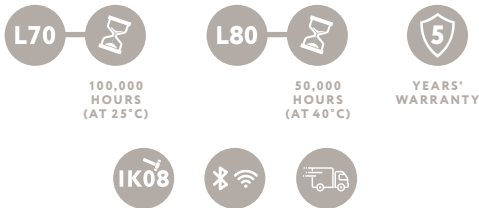
INDUSTRIAL RANGE

Combines a wide selection of industrial luminaires for a variety of specialist and everyday applications, tailor-made designs for **your specific requirements.**





VPANEL Highbay



A linear highbay benefitting from **optical control** designed to **optimise light distribution** while **minimising user glare**. With a high-impact resistance construction, this product is particularly suitable for sports halls. Suspension kit is supplied as standard.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
VPL002-CD	81	81W VPANEL, 850, DALI	80° x 100°	125	11,250	850	90	3.9	336 x 307 x 61
VPL004-CD	140	140W VPANEL, 850, DALI	80° x 100°	125	18,750	850	150	6.5	621 x 307 x 61
VPL006-CD	224	224W VPANEL, 850, DALI	80° x 100°	130	31,200	850	240	6.8	621 x 307 x 61
VPL008-CD	372	372W VPANEL, 850, DALI	80° x 100°	130	52,000	850	400	10.4	906 x 307 x 61

Applications	+ Sensor	+ Accessories
SPORTS HALLS	-SH SENSOR HIGH LEVEL (UP TO 20m DETECTION HEIGHT)	ACS067 PROGRAMMING REMOTE FOR SH / SL SENSOR VERSIONS
MANUFACTURING FACILITIES		
SHOWROOMS	-SL SENSOR LOW LEVEL (UP TO 8m DETECTION HEIGHT)	ACS030 COMMISSIONING REMOTE FOR SH / SL SENSOR VERSIONS
+ Distribution		
-D310	30° x 100° BEAM	
-D612	60° x 120° BEAM	

Programming / commissioning remotes must be purchased separately if onsite configuration is required.



MULTIPLE DISTRIBUTIONS AVAILABLE

IK08 RATED FOR IMPACT RESISTANCE



PERFECT FOR SPORTS APPLICATIONS DUE TO SLEEK AESTHETICS AND HIGH IMPACT RESISTANCE.



NSF CERTIFIED LUMINAIRE

"NSF offers the most accepted and trusted certification and registration for commercial foodservice equipment and nonfood compounds."



LIMITED SURFACE TEMPERATURE

Luminaires bearing this symbol are suitable for business premises where dust or fibrous material present a fire hazard.

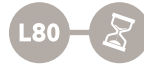


IDEAL FOR
FOOD PROCESSING
ENVIRONMENTS

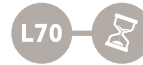
IP69K AND IK10 RATED.
DESIGNED WITH FOOD
PREPARATION IN MIND



VCLEAN HIGHBAY



50,000
HOURS
(AT 50°C)



100,000
HOURS
(AT 25°C)



YEARS'
WARRANTY



Our IP69K rated jet-proof highbay is specifically designed for **food processing** applications and the perfect fixture for a **safe manufacturing environment**. Cleaning is easy with no exposed screws and a **chemical-resistant finish**. Convex casing achieves an **even dissipation of heat from the surface** and prevents the accumulation of dust and liquids.

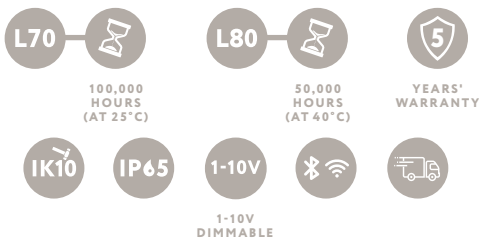
Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (Ø x H mm)
VCN001	98	98W VCLEAN HIGHBAY, 850	120°	130	13,650	850	105	7.2	489 x 200
VCN002	110	110W VCLEAN HIGHBAY, 850	120°	130	15,600	850	120	7.2	489 x 200
VCN003	140	140W VCLEAN HIGHBAY, 850	120°	130	19,500	850	150	7.2	489 x 200
VCN004	185	185W VCLEAN HIGHBAY, 850	120°	130	26,000	850	200	7.2	489 x 200

Applications	+ Distribution	+ Accessories
FOOD PROCESSING	-D50 50° BEAM	ACS089 250mm SAFETY CHAIN
CLEAN ROOMS	-D90 90° BEAM	
INDUSTRIAL AREAS		



Suspension Kit supplied as standard.

VRACK 2 - LINEAR HIGHBAY



Improving on its predecessor, the new **VRack 2** is a **highly versatile** linear highbay designed for warehouse racking. Available with **multiple optics**, adaptable to a **wide range** of design requirements for **wet or dry, high or low, narrow or wide** applications.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
VRK011-C10	90	90W VRACK 2 LINEAR HIGHBAY, 850, 1-10V	60° x 90°	130	13,000	850	100	3.2	488 x 137 x 102
VRK012-C10	140	140W VRACK 2 LINEAR HIGHBAY, 850, 1-10V	60° x 90°	130	19,500	850	150	4.5	718 x 137 x 102
VRK013-C10	185	185W VRACK 2 LINEAR HIGHBAY, 850, 1-10V	60° x 90°	130	26,000	850	200	5.5	948 x 137 x 102

Applications	
WAREHOUSE RACKING	
MANUFACTURING FACILITIES	
SPORTS HALLS	
+ Distribution	
-D370	30° x 70° BEAM
-D413	40° x 130° BEAM
-D120	120° BEAM

+ Controls	
-CD	DALI DIMMABLE
+ Sensor	
-SH	SENSOR HIGH LEVEL (UP TO 20m DETECTION HEIGHT)
-SL	SENSOR LOW LEVEL (UP TO 8m DETECTION HEIGHT)

+ Accessories	
ACS067	PROGRAMMING REMOTE FOR SH / SL SENSOR VERSIONS
ACS030	COMMISSIONING REMOTE FOR SH / SL SENSOR VERSIONS
ACS083	TRIANGLE CEILING MOUNT BRACKET
ACS085	50° ROTATABLE SURFACE MOUNTING KIT

Programming / commissioning remotes must be purchased separately if onsite configuration is required.



ACS083

ACS085



FULLY IK10 RATED FOR EXTREME PROTECTION

MULTIPLE BEAM ANGLE OPTIONS AVAILABLE

ULTIMATE VERSATILITY 4 BEAM ANGLES



Supplied with 60° x 90° beam angle as standard. Making this *perfect for warehouse racking.*



IDEAL FOR WAREHOUSE RACKING AND INDOOR SPORTS DUE TO MULTIPLE BEAM ANGLES - TAILORING YOUR LIGHTING.



NEW

HYSKEIR HIGHBAY

New and improved. The Hyskeir Pro Highbay has been re-designed to focus on **sustainability**. The improved Hyskeir Pro 3 Highbay has been increased to 150lm/W. Keeping delivered lumens the same to mimic traditional HID outputs whilst lowering system wattages to give the very best energy savings and drive us towards carbon neutrality.



**SUSTAINABLE
UPGRADES**

striving for carbon neutrality

35 - 45%
LESS PALLET
PACKAGING

HEATSINK
AND THERMAL
IMPROVEMENTS



SOSEN LED
DRIVER

COLD-FORGED
ALUMINIUM
HEATSINK

SEOUL
SEMI LEDs

IK10
PC
COVER



AN ALL IN ONE
SOLUTION FOR YOUR
WAREHOUSE REQUIREMENTS



NEW HYSKEIR PRO 3 HIGHBAY



90,000
HOURS



YEARS'
WARRANTY



IP65

1-10V



1-10V
DIMMABLE

The Hyskeir Pro Highbay has been re-designed to focus on **sustainability**. The improved Hyskeir Pro 3 Highbay has been increased to 150lm/W. A lifetime of up to 110,000 hours ensures your lighting is reliant and sustainable for many years to come.

	Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (Ø x H mm)
4000K	IND165v3-C10	80	80W HYSKEIR PRO 3 HIGHBAY, 840, 1-10V	120°	150	12,800	840	87	3.6	260 x 185
	IND166v3-C10	115	115W HYSKEIR PRO 3 HIGHBAY, 840, 1-10V	120°	150	19,500	840	130	3.6	260 x 185
	IND167v3-C10	160	160W HYSKEIR PRO 3 HIGHBAY, 840, 1-10V	120°	150	26,100	840	175	4.0	260 x 200
	IND215v3-C10	240	240W HYSKEIR PRO 3 HIGHBAY, 840, 1-10V	120°	150	39,000	840	260	5.5	320 x 205
5000K	IND168v3-C10	80	80W HYSKEIR PRO 3 HIGHBAY, 850, 1-10V	120°	150	13,000	850	87	3.6	260 x 185
	IND169v3-C10	115	115W HYSKEIR PRO 3 HIGHBAY, 850, 1-10V	120°	150	19,500	850	130	3.6	260 x 185
	IND170v3-C10	160	160W HYSKEIR PRO 3 HIGHBAY, 850, 1-10V	120°	150	26,100	850	175	4.0	260 x 200
	IND216v3-C10	240	240W HYSKEIR PRO 3 HIGHBAY, 850, 1-10V	120°	150	39,000	850	260	5.5	320 x 205

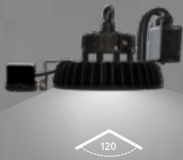
Applications	+ Controls	+ Accessories
MANUFACTURING FACILITIES	-CD ^{oo} DALI DIMMABLE	ACS137 60° ALUMINIUM REFLECTOR
INDUSTRIAL AREAS	+ Sensor	ACS138 90° ALUMINIUM REFLECTOR
WAREHOUSE RACKING	-SMD MICROWAVE AND DAYLIGHT SENSOR	ACS140v2 ^o PROGRAMMING REMOTE FOR MICROWAVE SENSORS
+ Distribution		ACS141 ROTATABLE MOUNTING BRACKET
-D60 60° POLYCARBONATE LENS	+ Emergency	ACS142 90° POLYCARBONATE REFLECTOR
-D90 90° POLYCARBONATE LENS	EMG024 HIGH-OUTPUT EMERGENCY POD	ACS193 ^{oo} 90° LARGE POLYCARBONATE REFLECTOR

^{oo}Programming / commissioning remotes must be purchased separately if onsite configuration is required.
^{oo}Made to order.

HYSKEIR SENSOR MOUNTING OPTIONS

WITH OPTIC

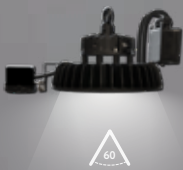
IND165v3-C10



IND165v3-C10-D90



IND165v3-C10-D60



WITH REFLECTOR

IND165v3-C10 + ACS138



IND165v3-C10 + ACS142



IND165v3-C10 + ACS137



EMG024
HIGH-OUTPUT
EMERGENCY POD

ACS141



ADDITIONAL HYSKEIR
ACCESSORIES
AVAILABLE

LIGHTEN YOUR CARBON FOOTPRINT

WITH VENTURE LIGHTING EUROPE

Here at Venture Lighting Europe, we understand the responsibility we all share when it comes to lowering our carbon footprint.

Throughout our range, you will see our 'Green Design Upgrade' badge. This means we have taken measures to ensure our products are making as little environmental impact as possible.

GREEN DESIGN *UPGRADE*

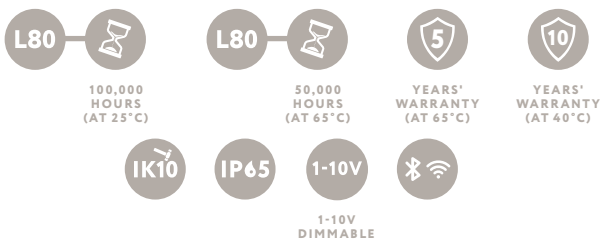


OUR HYSKEIR PRO 3 USES
35 - 45% LESS PALLET PACKAGING AND IS
NOW FULLY RECYCLABLE!





HYSKEIR ELITE HIGHBAY



1-10V
DIMMABLE

A **premium high efficiency**, low maintenance LED luminaire designed using the best components. **Achieves 140 Lumens per Watt** even at **raised temperature levels of 65°C** in the most demanding industrial applications with its high-pressure diecast aluminium housing. Made to order.

	Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (Ø x H mm)
4000K	IND171-C10	90	90W HYSKEIR ELITE HIGHBAY, 840, 1-10V	120°	140	14,000	840	100	6.3	320 x 205
	IND172-C10	140	140W HYSKEIR ELITE HIGHBAY, 840, 1-10V	120°	140	21,000	840	150	6.3	320 x 205
	IND173-C10	185	185W HYSKEIR ELITE HIGHBAY, 840, 1-10V	120°	140	28,000	840	200	6.3	320 x 205
	IND177-C10	240	240W HYSKEIR ELITE HIGHBAY, 840, 1-10V	120°	135	35,200	840	260	6.3	320 x 205
5000K	IND174-C10	90	90W HYSKEIR ELITE HIGHBAY, 850, 1-10V	120°	140	14,000	850	100	6.3	320 x 205
	IND175-C10	140	140W HYSKEIR ELITE HIGHBAY, 850, 1-10V	120°	140	21,000	850	150	6.3	320 x 205
	IND176-C10	185	185W HYSKEIR ELITE HIGHBAY, 850, 1-10V	120°	140	28,000	850	200	6.3	320 x 205
	IND178-C10	240	240W HYSKEIR ELITE HIGHBAY, 850, 1-10V	120°	135	35,200	850	260	6.3	320 x 205

Applications	+ Distribution	+ Accessories
MANUFACTURING FACILITIES	-D60 60° POLYCARBONATE LENS	ACS137 60° ALUMINIUM REFLECTOR
HEAVY INDUSTRIAL AREAS	-D90 90° POLYCARBONATE LENS	ACS138 90° ALUMINIUM REFLECTOR
ELEVATED TEMPERATURE APPLICATIONS		ACS140v2 ^o PROGRAMMING REMOTE FOR MICROWAVE SENSORS
+ Emergency	+ Sensor	ACS141 ROTATABLE MOUNTING BRACKET
EMG024 HIGH-OUTPUT EMERGENCY POD	-SMD MICROWAVE AND DAYLIGHT SENSOR	ACS142 90° POLYCARBONATE REFLECTOR
		ACS193 ^{oo} 90° LARGE POLYCARBONATE REFLECTOR

^oProgramming / commissioning remotes must be purchased separately if onsite configuration is required.

^{oo}Made to order.

HIGH TEMPERATURE APPLICATION

The Hyskeir Elite Highbay is specially designed using the highest quality components available to achieve excellent performance, even up to 65°C.

Historically, attaining high-performance at these raised temperatures has been difficult with LED technology. However, the Hyskeir Elite Highbay achieves 50,000 hours rated life without any drop in performance.

Unlike some existing technologies, the Hyskeir Elite maintains full lumen output up to 65°C.

All Hyskeir Elite models are made to order, please contact your Project Sales Engineer.

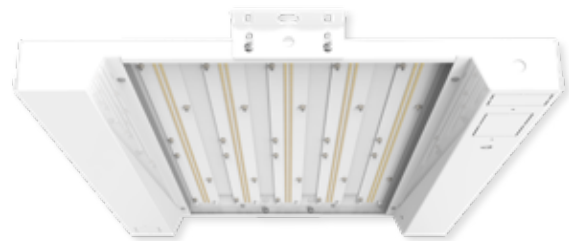
OPTIONAL 90° PRISMATIC REFRACTOR IMPROVES GROUND LUX BY UP TO 25%



TRUNKING MOUNT BRACKETS INCLUDED



SMART CONTROLS AVAILABLE



MIDIBAY EDGE PRO 2

L80 100,000 HOURS

L90 50,000 HOURS

7 YEARS' WARRANTY

2 YEAR ONSITE WARRANTY



POWERED BY **TRIDONIC**

UPGRADED SAMSUNG 301B LEDS

WIREGUARD (ACS194) AVAILABLE

The Midibay Edge Pro 2 achieves market-leading efficiency and reliability by combining ultra-efficient Samsung LEDs and ever-reliable Tridonic drivers to achieve a truly phenomenal 155 Lumens per Watt.

Designed with full provision for incorporating **Bluetooth smart controls**.

Part No.	Watts	Description	Beam	Efficiency	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
IND226	100	100W MIDIBAY EDGE - PRO 2, 850	120°	155	17,050	850	110	5.5	600 x 480 x 50
IND227	135	135W MIDIBAY EDGE - PRO 2, 850	120°	155	22,630	850	146	5.5	600 x 480 x 50
IND228	168	168W MIDIBAY EDGE - PRO 2, 850	120°	155	27,280	850	176	5.8	600 x 480 x 50

Applications	+ Sensor	+ Distribution
MANUFACTURING FACILITIES	-SH SENSOR HIGH LEVEL (UP TO 20m DETECTION HEIGHT)	-D90 90° PRISMATIC OPTIC
ASSEMBLY SHOP	-SL SENSOR LOW LEVEL (UP TO 8m DETECTION HEIGHT)	-DC DIFFUSER COATED
WAREHOUSE RACKING	-SB PIR SWITCHING SENSOR (UP TO 12m DETECTION HEIGHT)	
		+ Accessories
+ Controls		ACS153 PROGRAMMING REMOTE FOR SB SENSOR
-CD DALI DIMMABLE / SWITCH DIM		ACS067 PROGRAMMING REMOTE FOR SH / SL SENSOR VERSIONS
	+ Emergency	ACS030 COMMISSIONING REMOTE FOR SH / SL SENSOR VERSIONS
	-EM EMERGENCY	ACS194 MIDIBAY EDGE PRO 2 WIREGUARD
	-EMST EMERGENCY SELF-TEST	
	-ED EMERGENCY DALI	

Programming / commissioning remotes must be purchased separately if onsite configuration is required.

VENTURE MIDIBAYS AT DENMAUR PAPER MEDIA WAREHOUSE



VENTURE MIDIBAYS AT DENMAUR PAPER MEDIA WAREHOUSE

Project case study working at Denmaur Paper in Leicestershire, UK. Our Midibays have been fitted to improve the lux levels, save energy and reduce annual running costs all to help this impressive facility achieve their aim of becoming more carbon-balanced. With a payback period of just 1.08 years, the results and annual cost savings speak for themselves.

*"Since the new lights were installed we have had numerous instant benefits and not only just with our energy bill, **the results are spectacular**. Denmaur are really pleased with the results and would **highly recommend Venture products and service**."*

ANDY MOORE, WAREHOUSE & OPERATIONS MANAGER AT DENMAUR PAPER MEDIA

Project supplied by BEW Direct, Installed by JS Electrical Contracting Ltd and in partnership APS 20/20 Lighting Solutions.



LOBAY



50,000
HOURS
(AT 25°C)

5
YEARS*
WARRANTY

Our slim Lobay has the **LED chambers mounted separately** to aid in **thermal management and LED performance**. This enhanced performance results in remarkable rated life benefits, **achieving 90% lumen maintenance at its rated life of 50,000 hours**.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
IND245	90	90W LOBAY, 850	120°	145	14,500	850	100	3.1	630 x 325 x 53
IND246	125	125W LOBAY, 850	120°	140	18,900	850	135	3.6	630 x 325 x 53
IND247	150	150W LOBAY, 850	120°	140	22,820	850	163	3.6	630 x 325 x 53

Applications

WAREHOUSE RACKING
MANUFACTURING FACILITIES
SPORTS HALLS

+ Sensor

-SB SWITCHING SENSOR
(UP TO 12m DETECTION HEIGHT)

+ Accessories

ACS153 PROGRAMMING REMOTE FOR SB SENSOR
ACS214 SURFACE / TRUNKING MOUNTING BRACKETS
ACS219 SET OF 2 WIREGUARDS

+ Emergency

-EM EMERGENCY

MULTIPLE INSTALL
OPTIONS



TEXTURED DIFFUSER
FOR BETTER
GLARE CONTROL



SURFACE/TRUNKING
MOUNTING BRACKETS
(ACS214)



A SOLUTION FOR YOUR
WAREHOUSE REQUIREMENTS



UPGRADED

STROMA

NON-CORROSIVE

Improved - a robust IP65 luminaire featuring loop in / loop out connector, tamper-proof stainless steel clips and reeded diffuser for optimal light distribution. Performance across the range has been improved for 2021 with efficacy reaching 135 lumens per system Watt.



**YEARS'
WARRANTY**



**YEARS'
ONSITE
WARRANTY**

POWERED BY

TRIDONIC

SINGLE AND
TWIN OPTIONS
AVAILABLEENERGY-SAVING
SENSOR OPTIONSVENTURE STROMAS
AT DENMAUR PAPER MEDIA
WAREHOUSE

UPGRADED

STROMA NON-CORROSIVE



A **robust body design** featuring loop in / loop out connector, **tamper-proof** lockable **heavy-duty** stainless steel clips as standard and available in 4000K or 5000K. Stroma is suitable for a wide range of applications including; car parks, commercial kitchens, canopies and changing rooms.


	Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x Hmm)
4000K	NCR044	15	15W STROMA NON-CORROSIVE, 4FT, SINGLE, 840	120°	135	2,295	840	17	1.3	1270 x 85 x 80
	NCR045	30	30W STROMA NON-CORROSIVE, 4FT, TWIN, 840	120°	135	4,590	840	34	1.65	1270 x 118 x 80
	NCR046	24	24W STROMA NON-CORROSIVE, 5FT, SINGLE, 840	120°	135	3,645	840	27	1.55	1570 x 85 x 80
	NCR047	50	50W STROMA NON-CORROSIVE, 5FT, TWIN, 840	120°	135	7,290	840	54	2.1	1570 x 118 x 80
	NCR048	29	29W STROMA NON-CORROSIVE, 6FT, SINGLE, 840	120°	135	4,320	840	32	1.8	1870 x 85 x 80
NCR049	58	58W STROMA NON-CORROSIVE, 6FT, TWIN, 840	120°	135	8,500	840	63	2.6	1870 x 118 x 80	
5000K	NCR050	15	15W STROMA NON-CORROSIVE, 4FT, SINGLE, 850	120°	135	2,295	850	17	1.3	1270 x 85 x 80
	NCR051	30	30W STROMA NON-CORROSIVE, 4FT, TWIN, 850	120°	135	4,590	850	34	1.65	1270 x 118 x 80
	NCR052	24	24W STROMA NON-CORROSIVE, 5FT, SINGLE, 850	120°	135	3,645	850	27	1.55	1570 x 85 x 80
	NCR053	50	50W STROMA NON-CORROSIVE, 5FT, TWIN, 850	120°	135	7,290	850	54	2.1	1570 x 118 x 80
	NCR054	29	29W STROMA NON-CORROSIVE, 6FT, SINGLE, 850	120°	135	4,320	850	32	1.8	1870 x 85 x 80
	NCR055	58	58W STROMA NON-CORROSIVE, 6FT, TWIN, 850	120°	135	8,500	850	63	2.6	1870 x 118 x 80

Applications	+ Sensor	+ Accessories
CAR PARKS	-SL SENSOR LOW LEVEL (UP TO 8m DETECTION HEIGHT)	ACS153 PROGRAMMING REMOTE FOR SB SENSOR
MANUFACTURING FACILITIES	-SB PIR SWITCHING SENSOR (UP TO 8m DETECTION HEIGHT)	ACS067 PROGRAMMING REMOTE FOR SL SENSOR VERSIONS
PLANT ROOMS		ACS030 COMMISSIONING REMOTE FOR SL SENSOR VERSIONS
		ACS147 MARINE GRADE 316 STAINLESS STEEL CLIPS (8 REQUIRED FOR 4FT, 10 FOR 5FT, 12 FOR 6FT)
+ Controls	+ Emergency	Programming / commissioning remotes must be purchased separately if onsite configuration is required.
-CD DALI DIMMABLE / SWITCH DIM	-EM EMERGENCY	
	-EMST EMERGENCY SELF-TEST	
	-ED EMERGENCY DALI	

Please refer to datasheets for **Ambient Rated Temperature Range**.

SENSORS EXPLAINED


We offer a range of sensor options throughout our industrial and commercial range that help enhance your lighting solution further.



- SB & -SL

- ✔ PIR SENSOR
Can sense occupancy and can detect daylight. These sensors can turn fixtures off and on.


↑ Can be mounted up to 8 metres.



- CD-SL

- ✔ DIMMABLE PIR SENSOR
- ✔ DAYLIGHT HARVESTING
- ✔ CORRIDOR FUNCTION

↑ Can be mounted up to 8 metres.



- SH

- ✔ PIR SENSOR
Can sense occupancy and can detect daylight. These sensors can turn fixtures off and on.


↑ Can be mounted up to 20 metres.



- CD-SH

- ✔ DIMMABLE PIR SENSOR
- ✔ DAYLIGHT HARVESTING
- ✔ CORRIDOR FUNCTION

↑ Can be mounted up to 20 metres.



- SB (Midibay style)

- ✔ PIR SENSOR
Can sense occupancy and can detect daylight. These sensors can turn fixtures off and on.

↑ Can be mounted up to 12 metres.



- SMD (Hyskeir style)

- ✔ MICROWAVE SENSOR

↑ Can be mounted up to 12 metres.

PIR SENSOR

A PIR sensor is an electronic sensor that **measures infrared light radiating from objects in its field of view.** This detection will turn lights on.

MICROWAVE SENSOR

These sensors constantly emit microwaves into the environment. **When this signal fluctuates, it is assumed there is movement and the lights will turn on.**

DAYLIGHT HARVESTING

Daylight harvesting yields huge energy savings by **changing the light output to maintain a preset light level depending on the other environment light sources.**

Daylight harvesting is ideal for spaces with skylights, for example.

CORRIDOR FUNCTION

Corridor function maintains a lower light output once **occupancy ceases.** This is to add ambient light to an environment and is a highly efficient way of lighting high traffic areas.

COMMERCIAL RANGE

Our commercial range of luminaires are **easy to install** and designed for use across a range of public services such as **schools, offices, showrooms and corridors**, all with emergency options available.



THE PANEL RANGE

WHY GO BACK TO BACKLIT?

Using backlit technology, the LEDs are mounted facing the task area. Each of these LEDs are placed in an individual lens to increase the **spread of light and uniformity**. This dual optic technology (lens and diffuser) is a far more efficient way of lighting an LED panel when done correctly.

Backlit design uses the entire backplate as a heatsink, ensuring thermal stresses on the LEDs are reduced, **leading to better efficiency, better reliability and greater rated life**.

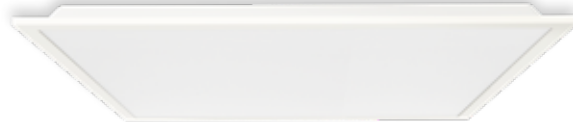


BETTER
EFFICIENCY

REDUCED
THERMAL STRESSES

UNIFORM
SPREAD OF LIGHT

BACK TO BACKLIT



BACKLIT PANEL - PRO



50,000
HOURS



5
YEARS'
WARRANTY



The Backlit Panel Pro brings product design and reliability to the forefront. Offering up to an **impressive 112lm/W, multiple lumen outputs** and **cost savings** against traditional lighting and old LED designs.

Easy installation is achieved with plug and play connectors and **flicker-free, loop in loop out drivers**.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
PNL075-KIT01	25	25W BACKLIT PANEL - PRO, 830, DRIVER	120°	109	3,050	830	28	1.6	595 x 595 x 35
PNL076-KIT01	25	25W BACKLIT PANEL - PRO, 840, DRIVER	120°	110	3,080	840	28	1.6	595 x 595 x 35
PNL077-KIT01	25	25W BACKLIT PANEL - PRO, 850, DRIVER	120°	111	3,100	850	28	1.6	595 x 595 x 35
PNL078-KIT01	25	25W BACKLIT PANEL - PRO, 860, DRIVER	120°	112	3,130	860	28	1.6	595 x 595 x 35

Applications

OFFICES
CORRIDORS
EDUCATION

+ Panel Kits

KIT01 WITH FLICKER-FREE DRIVER

KIT02 WITH DALI / SWITCH DIM

KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK

KIT04 WITH DALI / SWITCH DIM + EMERGENCY

KIT08 WITH BLUETOOTH SMART CONTROLS

KIT10 WITH 1-10V DIMMABLE DRIVER

+ Emergency

EMG037-DL 1W EMERGENCY DOWNLIGHT, CORRIDOR LENS

EMG037-DO 1W EMERGENCY DOWNLIGHT, OPEN LENS

EMG018v2 3W REMOTE EMERGENCY PACK

+ Accessories

ACS057 SURFACE MOUNT BOX FOR 600 x 600mm PANEL

ACS198 SUSPENSION KIT FOR BACKLIT PANELS

ACS199 RECESS KIT FOR BACKLIT PANELS

BOOST YOUR LIGHTING TURN UP THE LUX



Power Options

PNL076 - KIT01 - 32W

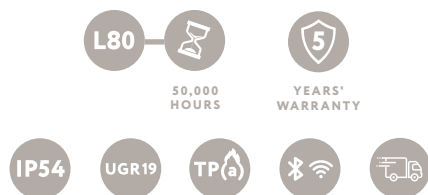
Watts	Efficacy	Lumens
32	110	3,850

PNL076-KIT11 is replaced by
PNL076-KIT01-32W

BACK TO BACKLIT



BACKLIT PANEL - PRO PLUS



The Backlit panel Pro Plus has all of the benefits of the Backlit Panel Pro with **added Microprism diffuser**. This diffuser helps to reduce glare to less than **UGR19** in all room sizes, **increasing user comfort**.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
PNL075-PLUS-KIT01	25	25W BACKLIT PANEL PRO PLUS, 830, DRIVER	90°	99	2,770	830	28	1.6	595 x 595 x 35
PNL076-PLUS-KIT01	25	25W BACKLIT PANEL PRO PLUS, 840, DRIVER	90°	100	2,800	840	28	1.6	595 x 595 x 35
PNL077-PLUS-KIT01	25	25W BACKLIT PANEL PRO PLUS, 850, DRIVER	90°	101	2,820	850	28	1.6	595 x 595 x 35
PNL078-PLUS-KIT01	25	25W BACKLIT PANEL PRO PLUS, 860, DRIVER	90°	102	2,850	860	28	1.6	595 x 595 x 35

Applications	+ Emergency	BOOST YOUR LIGHTING TURN UP THE LUX
OFFICES CORRIDORS EDUCATION	EMG037-DL 1W EMERGENCY DOWNLIGHT, CORRIDOR LENS EMG037-DO 1W EMERGENCY DOWNLIGHT, OPEN LENS EMG018v2 3W REMOTE EMERGENCY PACK	 Power Options PNL076-PLUS-KIT01-32W W Efficacy Lumens 32 100 3,500
+ Panel Kits	+ Accessories	PNL076-PLUS-KIT11 is replaced by PNL076-PLUS-KIT01-32W
KIT01 WITH FLICKER-FREE DRIVER KIT02 WITH DALI / SWITCH DIM	ACS057 SURFACE MOUNT BOX FOR 600 x 600mm PANEL ACS198 SUSPENSION KIT FOR BACKLIT PANELS ACS199 RECESS KIT FOR BACKLIT PANELS	
KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK KIT04 WITH DALI / SWITCH DIM + EMERGENCY KIT08 WITH BLUETOOTH SMART CONTROLS KIT10 WITH 1-10V DIMMABLE DRIVER		

BACK TO BACKLIT



BACKLIT PANEL - ELITE



The Backlit Panel Elite **with a 7-year warranty** delivers an improved performance of 135lm/W by using highly efficient LEDs. This increased efficiency achieves an impressive payback period. **Easy installation** with plug and play connectors and **flicker-free, loop in loop out drivers**. As well as the added security of a **2-year onsite warranty!**

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
PNL083-KIT01	21	21W BACKLIT PANEL - ELITE, 830, DRIVER	90°	134	3,220	830	24	1.6	595 x 595 x 35
PNL084-KIT01	21	21W BACKLIT PANEL - ELITE, 840, DRIVER	90°	135	3,250	840	24	1.6	595 x 595 x 35
PNL085-KIT01	21	21W BACKLIT PANEL - ELITE, 850, DRIVER	90°	136	3,270	850	24	1.6	595 x 595 x 35
PNL086-KIT01	21	21W BACKLIT PANEL - ELITE, 860, DRIVER	90°	137	3,390	860	24	1.6	595 x 595 x 35

Applications	+ Emergency	BOOST YOUR LIGHTING TURN UP THE LUX
OFFICES CORRIDORS EDUCATION	EMG037-DL 1W EMERGENCY DOWNLIGHT, CORRIDOR LENS EMG037-DO 1W EMERGENCY DOWNLIGHT, OPEN LENS EMG018v2 3W REMOTE EMERGENCY PACK	 Power Options PNL084-KIT01-25W W Efficacy Lumens 25 135 3,780
+ Panel Kits	+ Accessories	PNL084-KIT11 is replaced by PNL084-KIT01-25W
KIT01 WITH FLICKER-FREE DRIVER KIT02 WITH DALI / SWITCH DIM KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK KIT04 WITH DALI / SWITCH DIM + EMERGENCY KIT08 WITH BLUETOOTH SMART CONTROLS KIT10 WITH 1-10V DIMMABLE DRIVER	ACS057 SURFACE MOUNT BOX FOR 600 x 600mm PANEL ACS198 SUSPENSION KIT FOR BACKLIT PANELS ACS199 RECESS KIT FOR BACKLIT PANELS	

BACK TO BACKLIT



BACKLIT PANEL - ELITE PLUS



Your panel, your way! The Backlit Panel Elite Plus includes all of the benefits of our Elite Panel **with upgraded components for increased reliability.** This leads to a **longer rated life, 7-year warranty** and the option to choose your **ideal lumen output.** As well as the added security of a **2-year onsite warranty!**

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
PNL083-PLUS-KIT01	21	21W BACKLIT PANEL - ELITE PLUS, 830, DRIVER	90°	134	3,220	830	24	1.6	595 x 595 x 35
PNL084-PLUS-KIT01	21	21W BACKLIT PANEL - ELITE PLUS, 840, DRIVER	90°	135	3,250	840	24	1.6	595 x 595 x 35
PNL085-PLUS-KIT01	21	21W BACKLIT PANEL - ELITE PLUS, 850, DRIVER	90°	136	3,270	850	24	1.6	595 x 595 x 35
PNL086-PLUS-KIT01	21	21W BACKLIT PANEL - ELITE PLUS, 860, DRIVER	90°	137	3,290	860	24	1.6	595 x 595 x 35

Applications	+ Emergency
OFFICES	EMG037-DL 1W EMERGENCY DOWNLIGHT, CORRIDOR LENS
CORRIDORS	
EDUCATION	EMG037-DO 1W EMERGENCY DOWNLIGHT, OPEN LENS
+ Panel Kits	EMG018v2 3W REMOTE EMERGENCY PACK
KIT01 WITH FLICKER-FREE DRIVER	+ Accessories
KIT02 WITH DALI / SWITCH DIM	
KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK	
KIT04 WITH DALI / SWITCH DIM + EMERGENCY	
KIT08 WITH BLUETOOTH SMART CONTROLS	
KIT10 WITH 1-10V DIMMABLE DRIVER	ACS057 SURFACE MOUNT BOX FOR 600 x 600mm PANEL
	ACS198 SUSPENSION KIT FOR BACKLIT PANELS
	ACS199 RECESS KIT FOR BACKLIT PANELS

BOOST YOUR LIGHTING
TURN UP THE LUX

YOUR PANEL, YOUR WAY

To order your Panel Elite Plus, add your appropriate part code including the wattage suffix from the adjacent page when ordering.

Ask your local sales engineer for guidance when ordering.

BACK TO BACKLIT

YOUR PANEL YOUR WAY

Boost your lighting, *turn up the Lux*



Power Options

PNL084 - PLUS - KIT01 - 16W

W	Efficacy	Lumens
16	135	2,560

PNL084 - PLUS - KIT01 - 18W

W	Efficacy	Lumens
18	135	2,840

PNL084 - PLUS - KIT01 - 20W

W	Efficacy	Lumens
20	135	3,105

PNL084 - PLUS - KIT01 - 22W

W	Efficacy	Lumens
22	135	3,380

PNL084 - PLUS - KIT01 - 24W

W	Efficacy	Lumens
24	135	3,650

PNL084 - PLUS - KIT01 - 26W

W	Efficacy	Lumens
26	135	3,920

PNL084 - PLUS - KIT01 - 28W

W	Efficacy	Lumens
28	135	4,190

PNL084 - PLUS - KIT01 - 30W

W	Efficacy	Lumens
30	135	4,460



THE
GREENER
WAY

Each watt reduction will save you £7 over the lifespan of the product.

THE PANEL RANGE

A SOLUTION TO SUIT EVERY SPACE,
REQUIREMENT AND BUDGET

PRO

Efficacy (4000K)	110
Warranty	5
SDCM	<4
Flicker-free	✔
Loop in / Loop Out	✔
TP(a)	✔
Power Levels	✔
Bluetooth Controls	✔

PRO PLUS

Efficacy (4000K)	100
Warranty	5
SDCM	<4
Flicker-free	✔
Loop in / Loop Out	✔
TP(a)	✔
UGR <19	✔
Power Levels	✔
Bluetooth Controls	✔



UGR 19

ELITE

Efficacy (4000K)	135
Warranty	7
Onsite Warranty	2
SDCM	<3
Flicker-free	✔
Loop in / Loop Out	✔
TP(a)	✔
UGR <19	✔
Power Levels	✔
Bluetooth Controls	✔



UGR 19

EFFICACY 135LPW
7 YEAR WARRANTY
2 YEAR ONSITE WARRANTY
SDCM <3

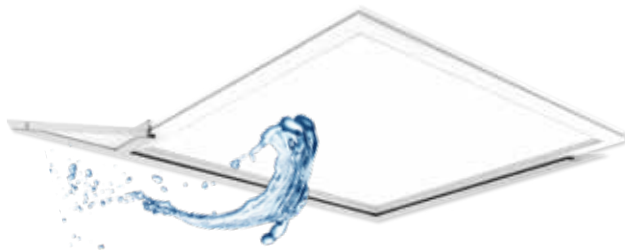
ELITE PLUS

Efficacy (4000K)	135
Warranty	7
Onsite Warranty	2
SDCM	<3
Flicker-free	✔
Loop in / Loop Out	✔
TP(a)	✔
UGR <19	✔
Power Levels	✔
Bluetooth Controls	✔
Your Panel, Your Way (Lumen Selectable)	✔



UGR 19

EFFICACY 135LPW
7 YEAR WARRANTY
2 YEAR ONSITE WARRANTY
SDCM <3
LUMEN SELECTABLE



PANEL - PRO IP65



The Panel - Pro IP65 is specifically designed with an inbuilt gasket to provide **IP65 protection on the front-face**, making it fully suitable for cleanrooms, kitchens, and **other wet environments**.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
PNL060-KIT01	27	27W LED PANEL - PRO, 600 x 600mm, IP65, 840	120°	105	3,150	840	30	3.1	595 x 595 x 15

Applications	+ Panel Kits	+ Emergency
CLEAN ROOMS	KIT01 WITH DRIVER	EMG018v2 3W REMOTE EMERGENCY PACK
KITCHENS	KIT02 WITH DALI / SWITCH DIM	
CHANGING FACILITIES	KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK	
	KIT04 WITH DALI / SWITCH DIM + EMERGENCY	
	KIT06 WITH FLICKER-FREE DRIVER	
	KIT10 WITH 1-10V DIMMABLE DRIVER	



BACKLIT PANEL - 1200 x 300



With multiple mounting options, the Panel - 1200 x 300 provides a sleek, seamless solution for all **office and corridor environments**, offering an efficiency of 110 Lm/W (4000K). Available with Emergency, DALI and Switch Dim.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
PNL092-KIT01	25	25W BACKLIT PANEL, 1200x300mm, 840	120°	110	3,080	840	28	3.0	1195 x 295 x 35

Applications	+ Panel Kits	+ Emergency
OFFICES	KIT01 WITH DRIVER	EMG037-DL 1W EMERGENCY DOWNLIGHT, CORRIDOR LENS
CORRIDORS	KIT02 WITH DALI / SWITCH DIM	
SHOWROOMS	KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK	EMG037-DO 1W EMERGENCY DOWNLIGHT, OPEN LENS
	KIT04 WITH DALI / SWITCH DIM + EMERGENCY	
	KIT08 WITH BLUETOOTH SMART CONTROL	EMG018v2 3W REMOTE EMERGENCY PACK
	KIT10 WITH 1-10V DIMMABLE DRIVER	
+ Accessories		
ACS199	RECESS KIT FOR BACKLIT PANELS	
ACS198	SUSPENSION KIT FOR BACKLIT PANELS	
ACS059	SURFACE MOUNT BOX FOR 1200 x 300mm PANEL	



BACKLIT PANEL - 1200 x 600



The Backlit Panel - 1200 x 600 utilises backlit technology in a larger frame for all **office and corridor environments**. Offering an efficiency of up to 116 Lm/W (4000K) and a **flicker-free** driver as standard. This panel is available with Emergency, DALI, Switch Dim and 1-10V options.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
PNL088-KIT01	58	58W BACKLIT PANEL, 1200 x 600mm, 840, DRIVER	120°	115	7,360	840	64	3.6	1195 x 595 x 35
PNL089-KIT01	58	58W BACKLIT PANEL, 1200 x 600mm, 850, DRIVER	120°	116	7,425	850	64	3.6	1195 x 595 x 35

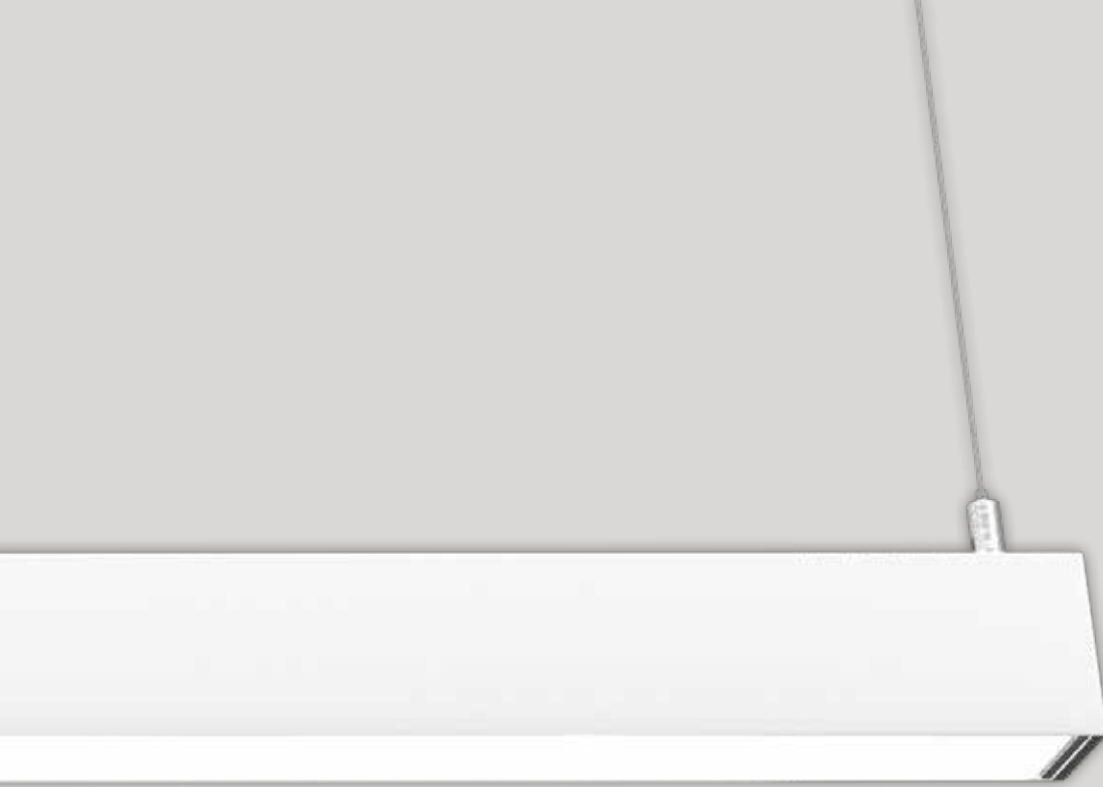
Applications
OFFICES
CORRIDORS
SHOWROOMS

+ Panel Kits
KIT01 WITH DRIVER
KIT02 WITH DALI / SWITCH DIM / 1-0V
KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK
KIT04 WITH DALI / SWITCH DIM / 1-10V + EMERGENCY
KIT08 WITH BLUETOOTH SMART CONTROLS
KIT10 WITH 1-10V DIMMABLE DRIVER

+ Emergency
EMG037-DL 1W EMERGENCY DOWNLIGHT, CORRIDOR LENS
EMG037-DO 1W EMERGENCY DOWNLIGHT, OPEN LENS
EMG018v2 3W REMOTE EMERGENCY PACK

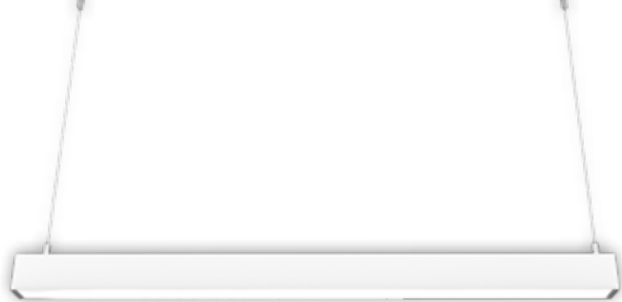
+ Accessories
ACS058 SURFACE MOUNT BOX FOR 1200 x 600mm PANEL
ACS198 SUSPENSION KIT FOR BACKLIT PANELS
ACS199 RECESS KIT FOR BACKLIT PANELS





NEW CROMER CONTINUOUS

The new Cromer continuous has been purposely designed with 2 things in mind, **ease of install** and **user comfort**. Using a **3 layer optic system** to achieve unbelievably smooth **<19 UGR output** makes this fitting beautiful to look at, off or on.



NEW CROMER CONTINUOUS

50,000
HOURS5
YEARS'
WARRANTY

Designed to be modular the Cromer can be used either **standalone or in a continuous run** without the need for additional accessories. Modular **uplighting sections plug directly into the Cromer for quick and easy install** and ordering.

Available in 2/4/5ft lengths with standard and low power options.

Suitable for suspension, surface, recess and wall mounting.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
LIN002	14	14W CROMER CONTINUOUS, 600mm, 840	75°	115	1,840	840	16	1.6	600 x 58 x 76
LIN004	30	30W CROMER CONTINUOUS, 1200mm, 840	75°	110	3,740	840	34	2.6	1200 x 58 x 76
LIN005	35	35W CROMER CONTINUOUS, 1500mm, 840	75°	110	4,290	840	39	3.4	1500 x 58 x 76
LIN000-L	8	8W L SECTION FOR CROMER CONTINUOUS	75°	115	1,150	840	10	0.9	202 x 202 x 76
LIN000-X	14	14W X SECTION FOR CROMER CONTINUOUS	75°	115	1,840	840	16	1.5	345 x 345 x 76
LIN000-T	14	14W T SECTION FOR CROMER CONTINUOUS	75°	115	1,840	840	16	1.2	345 x 202 x 76

Applications	
ARCHITECTURAL OFFICES	
RETAIL	
+ Power	
-LO	LOW OUTPUT POWER
+ Uplighting	
-KITUP	UPLIGHTING MODULE

+ Sensor	
-SM	SENSOR MICROWAVE (UP TO 5m DETECTION HEIGHT)
+ Emergency	
-EM	EMERGENCY
-EMST	EMERGENCY SELF-TEST
-ED	EMERGENCY DALI
+ Controls	
-CD	DALI DIMMABLE / SWITCH DIM

+ Accessories	
ACS310	SUSPENSION MOUNTING KIT
ACS311	RECESS MOUNTING KIT
ACS312	WALL MOUNTING BRACKETS



1. UPLIGHTING MODULE:

Self-assembly with a clip in mechanical connector and plug in wiring connector. Quick and easy to install with no lead times, available from stock to be assembled easily on site.

2. MODULAR DESIGN:

Luminaires can be used as either standalone or continuous with no extra parts required. Designed to be a continuous line of light with no breaks including illuminated corners and junctions.

3. QUICK CONNECTIONS:

With 6 core through wiring as standard to make all variations quick and easy to install.

4. SELECTABLE OUTPUTS:

Available in standard and low output, each with selectable output drivers for ultimate flexibility in lighting design.

5. ULTIMATE COMFORT:

Bespoke 3 part diffuser with opalized sides to prevent light leakage along the length of the diffuser and give a prismatic low glare distribution as standard.

POWER/LUMEN ADJUSTMENT

mA	Watts	Lumens	System Power
900	26	3190	29
1050	30	3740	34
1200	35	4290	39

POWER SELECTION (-LO VARIATION)

mA	Watts	Lumens	System Power
500	14	1800	16
600	17	2200	19
700	20	2550	22
800	23	2900	26



THE PERFECT ARCHITECTURAL
COMMERCIAL SOLUTION



VACADEMY - PRO

50,000
HOURSYEARS'
WARRANTY

With a **timeless clean style**, the Vacademy Pro offers increased protection with its lockable anti-tamper security screws. Glare is minimised through its reeded diffuser. This luminaire can be **surface-mounted** via its BESA fixings or suspended via an optional accessory.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
COM013	20	20W VACADEMY - PRO, 4FT, 840	120°	135	3,125	840	23	2.7	1200 x 175 x 75
COM014	28	28W VACADEMY - PRO, 4FT, 840	120°	129	4,000	840	31	2.7	1200 x 175 x 75
COM015	32	32W VACADEMY - PRO, 5FT, 840	120°	134	4,700	840	35	3.2	1500 x 175 x 75
COM016	41	41W VACADEMY - PRO, 5FT, 840	120°	130	6,000	840	46	3.2	1500 x 175 x 75

Applications

EDUCATION
PUBLIC SERVICE AREAS
CORRIDORS

+ Controls

-CD DALI DIMMABLE/
SWITCH DIM

+ Sensor

-SL SENSOR LOW
LEVEL (UP TO 8m
DETECTION HEIGHT)

-SM SENSOR MICROWAVE
(UP TO 12m
DETECTION HEIGHT)

-SB PIR SWITCHING
SENSOR (UP TO 8m
DETECTION HEIGHT)

+ Emergency

-EM EMERGENCY

-EMST EMERGENCY
SELF-TEST

+ Accessories

ACS153 PROGRAMMING
REMOTE FOR SB
SENSOR

ACS067 PROGRAMMING
REMOTE FOR
SL SENSOR
VERSIONS

ACS030 COMMISSIONING
HANDSET FOR
SL SENSOR
VERSIONS

ACS198 SUSPENSION
MOUNTING KIT

Programming / commissioning remotes must be purchased separately if onsite configuration is required.

POWERED BY

TRIDONIC

REDED
DIFFUSER,
MINIMISING
GLARE

LOCKABLE ANTI-
TAMPER SECURITY
SCREW

SMART CONTROLS
AVAILABLE



PERFORMANCE BOOST
NOW 135 LUMENS
PER WATT

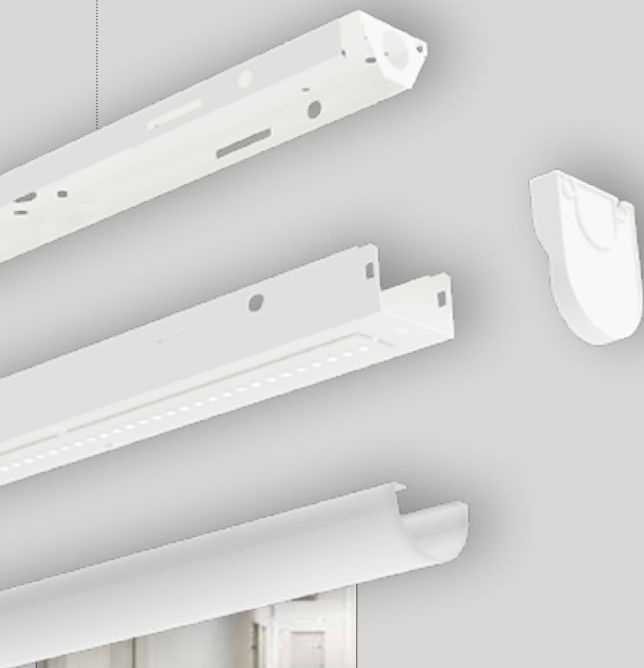
PERFECT FOR
EDUCATIONAL ENVIRONMENTS
DUE TO LOCKABLE ANTI-
TAMPER SECURITY SCREW
AND LOW GLARE.

QUICK INSTALL GEAR TRAY
WITH BESA FIXING AND
REAR/END ENTRY.



INSTALLATION TIME
TESTED IN OUR
UK LAB!

10 MINUTE
install time

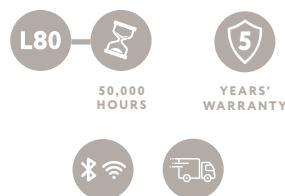


PERFECT FOR
CORRIDORS

4ft, 5ft and 6ft
options available



BAILY - BATTEN



The Baily batten is **designed with the installer in mind**. With **BESA fixing points and a quick install gear tray**, installation time can be greatly reduced. Available with a range of **energy-saving sensors**, emergency and DALI options the Baily Batten adapts to your needs.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power (W)	Weight (kg)	Dimensions (Ø x mm)
BTN040	16	16W BAILY BATTEN, 4FT, 840	100° x 135°	118	2,125	840	18	2.0	1165 x 62 x 78
BTN041	32	32W BAILY BATTEN, 4FT, 840	100° x 135°	118	4,250	840	36	2.0	1165 x 62 x 78
BTN042	27	27W BAILY BATTEN, 5FT, 840	100° x 135°	118	3,540	840	30	2.5	1460 x 62 x 78
BTN043	50	50W BAILY BATTEN, 5FT, 840	100° x 135°	118	6,500	840	55	2.5	1460 x 62 x 78
BTN044	36	36W BAILY BATTEN, 6FT, 840	100° x 135°	118	4,800	840	41	3.0	1722 x 62 x 78
BTN045	72	72W BAILY BATTEN, 6FT, 840	100° x 135°	118	9,600	840	82	3.0	1722 x 62 x 78

Applications	
CORRIDORS	
MANUFACTURING FACILITIES	

+ Controls	
-CD	DALI DIMMABLE / SWITCH DIM

+ Sensor	
-SL	SENSOR LOW LEVEL (UP TO 8m DETECTION HEIGHT)
-SB	PIR SWITCHING SENSOR (UP TO 8m DETECTION HEIGHT)

+ Emergency	
-EM	EMERGENCY
-EMST	EMERGENCY SELF-TEST

+ Accessories	
ACS153	PROGRAMMING REMOTE FOR SB SENSOR
ACS067	PROGRAMMING REMOTE FOR SL SENSOR VERSIONS
ACS030	COMMISSIONING HANDSET FOR SL SENSOR VERSIONS
ACS198	SUSPENSION MOUNTING KIT

Programming / commissioning remotes must be purchased separately if onsite configuration is required.



BAMBURGH BULKHEAD

50,000
HOURSYEARS'
WARRANTY3000K
4000K
5700K
CCT
SELECTABLE

IP65

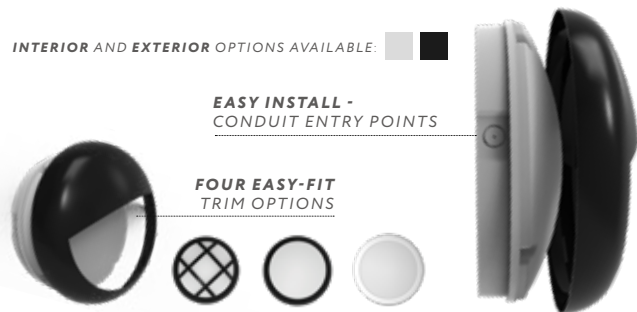


The **IP65 rated** Bamburgh bulkhead can be used **indoors and out** with **four trim options to suit every occasion**. Customise your project even further with **integral 3-hour emergency** and **microwave sensor options**.

INTERIOR AND EXTERIOR OPTIONS AVAILABLE:

EASY INSTALL -
CONDUIT ENTRY POINTS

FOUR EASY-FIT
TRIM OPTIONS



Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power (W)	Weight (kg)	Dimensions (Ø x H mm)
AMY005-KITW	12	12W BAMBURGH BULKHEAD, WHITE	120°	105	1,470	830 840 857	14	0.8	350 x 90
AMY006-KITW	18	18W BAMBURGH BULKHEAD, WHITE	120°	105	2,100	830 840 857	20	0.8	350 x 90

Applications

STAIRWELLS
CORRIDORS
EDUCATION

+ Sensor

-SM
MICROWAVE
SENSOR (UP TO 6m
DETECTION)

+ Emergency

-EM
EMERGENCY

Ordering Codes



-KITW With White Trim



-KITB With Black Trim



-KITBE With Black Eyelid Trim



-KITBG With Black Grill Trim



BAMBURGH BULKHEAD

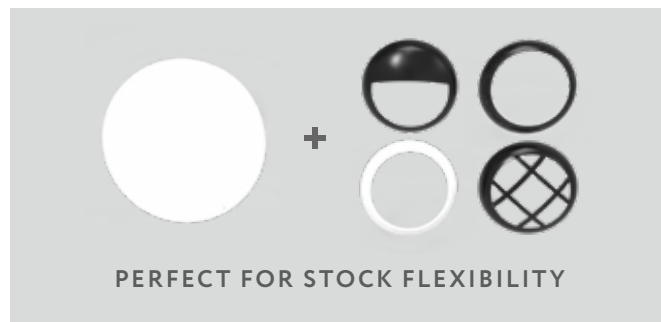
PART BUILD

50,000
HOURSYEARS'
WARRANTY3000K
4000K
5700K
CCT
SELECTABLE

IP65



With interchangeable trims, the Bamburgh is perfect for stocking in component form to give **maximum flexibility of your stock profile**.



PERFECT FOR STOCK FLEXIBILITY

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power (W)	Weight (kg)	Dimensions (Ø x H mm)
AMY005	12	12W BAMBURGH BULKHEAD	120°	105	1,470	830 840 857	14	0.8	350 x 90
AMY006	18	18W BAMBURGH BULKHEAD	120°	105	2,100	830 840 857	20	0.8	350 x 90

Applications

STAIRWELLS
CORRIDORS
EDUCATION

+ Sensor

-SM
MICROWAVE
SENSOR (UP TO 6m
DETECTION)

+ Emergency

-EM
EMERGENCY

Ordering Codes



CMP185 White Trim
100% LOR



CMP186 Black Trim
90% LOR



CMP187 Black Eyelid Trim
60% LOR



CMP188 Black Grill Trim
60% LOR



DOWNLIGHT - PRO 2

50,000
HOURS5
YEARS'
WARRANTY

IP54



This low energy, slim profile downlight (with driver included) is an ideal upgrade for existing compact fluorescent downlights. The Downlight Pro 2 is available with **plug and play Emergency and DALI**. Cut out dimensions: Ø200mm (min) - 210mm (max).

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (Ø x H mm)
DWL070v2	15	15W LED DOWNLIGHT - PRO 2, 830, WITH DRIVER	90°	115	1,725	830	15	0.8	228 x 45
DWL071v2	15	15W LED DOWNLIGHT - PRO 2, 840, WITH DRIVER	90°	115	1,725	840	15	0.8	228 x 45
DWL072v2	22	22W LED DOWNLIGHT - PRO 2, 830, WITH DRIVER	90°	115	2,500	830	22	0.8	228 x 45
DWL073v2	22	22W LED DOWNLIGHT - PRO 2, 840, WITH DRIVER	90°	115	2,500	840	22	0.8	228 x 45

Applications	+ Downlight Kits	+ Emergency
RETAIL	KIT02 WITH DALI / SWITCH DIM KIT03 WITH DRIVER AND 3W REMOTE EMERGENCY PACK KIT04 WITH DALI / SWITCH DIM + EMERGENCY KIT10 WITH 1-10V DIMMABLE DRIVER	EMG037-DL 1W EMERGENCY DOWNLIGHT, CORRIDOR LENS
OFFICES		
PUBLIC SERVICE AREAS		EMG037-DO 1W EMERGENCY DOWNLIGHT, OPEN LENS
		EMG018v2 3W REMOTE EMERGENCY PACK

TECHNICAL EXPLANATIONS

IP (Ingress Protection) ratings are used to define the sealing effectiveness of electrical products against intrusion from solids (fingers, tools, dust) and liquids. This is shown as a 2 digit code with each numeral shown below. The 1st numeral is for protection from solids and the 2nd from liquid.

SOLIDS

LIQUIDS

1	Protected against a solid object greater than 50mm such as a hand.	1	Protected against vertically falling droplets of water. Limited ingress permitted.
2	Protected against a solid object greater than 12.5mm such as a finger.	2	Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical.
3	Protected against a solid object greater than 2.5mm such as a screwdriver.	3	Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes.
4	Protected against a solid object greater than 1mm such as a wire.	4	Protected against water splashed from all directions. Limited ingress permitted.
5	Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours.	5	Protected against jets of water. Limited ingress permitted.
6	Dust tight. No ingress of dust. Two to eight hours.	6	Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.
		7	Protection against the effects of immersion in water between 15cm and 1m for 30 minutes.
		8	Protection against the effects of immersion in water under pressure for long periods.

TP(a) (Thermoplastic) ratings relate to thermoplastic diffusers.

TP(a) diffusers must self-extinguish and any flaming and afterglow must not exceed five seconds once the source of flame is removed. This is to prevent the spread of fire.

UGR (Unified Glare Rating) is a value, commonly shown in steps of 3, that is used to calculate the level of glare in lighting applications. Glare, simplified, is the discomfort a user receives from lighting directly (field of vision) and indirectly (reflectances). UGR is a very elusive figure to estimate, as this is based on the application. Therefore UGR can only be calculated by doing lighting designs, values listed are to be used as a guide. The best way of reducing glare in lighting is to use a prismatic/reeded diffuser.

EXTERIOR RANGE

Our exterior range of luminaires are designed for **long-term demanding exterior use**; built to **withstand all weathers** and with *adaptable mounting options*. A great solution for modernising from HID to LED fittings.





PORTLAND FLOODLIGHT

L70 
110,000 HOURS

L80 
85,000 HOURS

5 YEARS' WARRANTY

IK07 

IP66 

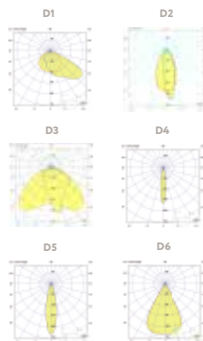


Our Portland floodlight features an impressive 125 lumens per Watt in a **compact** and **thermally efficient** housing. **Versatile mounting options** make the Portland at home in any application and **precise asymmetric light distribution** ensures every lumen is placed exactly where you need it.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
FLD150-D1	45	45W PORTLAND FLOODLIGHT, 840, D1	ASYMMETRIC	125	6,250	840	50	2.9	300 x 240 x 69
FLD151-D1	95	95W PORTLAND FLOODLIGHT, 840, D1	ASYMMETRIC	125	12,500	840	100	4.5	335 x 296 x 71
FLD152-D1	140	140W PORTLAND FLOODLIGHT, 840, D1	ASYMMETRIC	125	18,750	840	150	5.2	375 x 320 x 75
FLD153-D1	185	185W PORTLAND FLOODLIGHT, 840, D1	ASYMMETRIC	125	25,000	840	200	6.2	400 x 345 x 78
FLD154-D1	280	280W PORTLAND FLOODLIGHT, 840, D1	ASYMMETRIC	125	37,500	840	300	9.4	455 x 410 x 83

- Applications**
- CAR PARKS
- LEISURE
- AREA LIGHTING
- + Distribution**
- D1 ASYMMETRIC
- D2 NARROW ASYMMETRIC
- D3 ACCENT/BILLBOARD
- D4 15°
- D5 30°
- D6 60°

- + Accessories**
- ACS187 42mm POLE MOUNT BRACKET
- ACS188 60mm POLE MOUNT BRACKET
- ACS189 76mm POLE MOUNT BRACKET
- + Photocell**
- PM MINIATURE PHOTOCCELL
- + CCT**
- 3K 3000K



Asymmetric and symmetric distribution



SIX LIGHT DISTRIBUTIONS

CUTAWAY BRACKET TO ELIMINATE SHADOW



THERMALLY EFFICIENT HOUSING



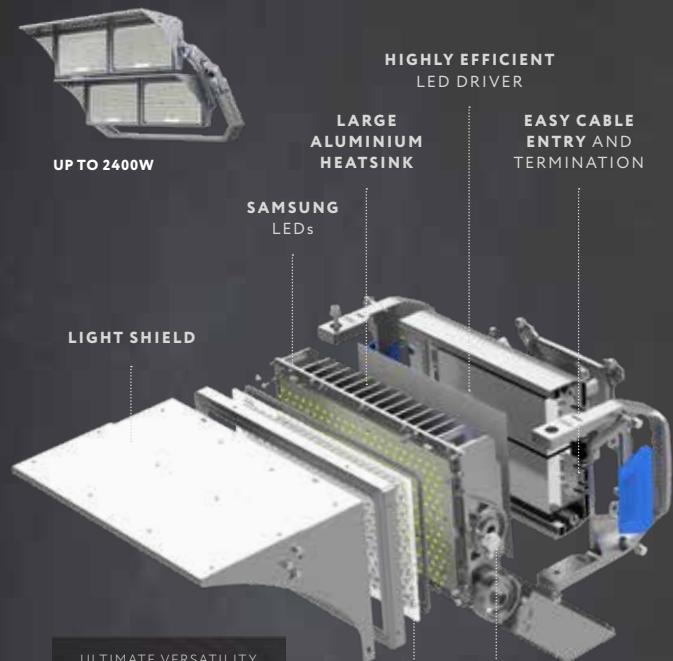
COMPACT DESIGN

TILTABLE MOUNTING BRACKET

FROM 45W - 280W

MULTIPLE WATTAGES TO SUIT ALL PROJECTS FROM SMALL TO LARGE





HIGHLY EFFICIENT
LED DRIVER

LARGE
ALUMINIUM
HEATSINK

EASY CABLE
ENTRY AND
TERMINATION

SAMSUNG
LEDs

LIGHT SHIELD

UP TO 2400W

ULTIMATE VERSATILITY
10 BEAM ANGLES



AIMING
GUIDE

10 LENS
OPTIONS

PERFECT
REPLACEMENT
FOR HID HIGH
MAST FITTINGS



ROKER - FLOODLIGHT



85,000
HOURS



100,000
HOURS



YEARS'
WARRANTY

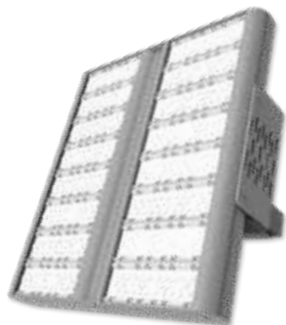


A **high power, low maintenance** solution for your outdoor lighting needs. With **multiple beam angles, rotatable fittings** and **excellent efficacy**, delivering **flexibility** and **longevity**. These **high-output** floodlights are designed to replace traditional 1kW and 2kW luminaires.

Part No.	Watts	Description	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
FLD160-400W-D15	400	400W ROKER FLOODLIGHT, 740	145	58,000	740	400	20	545 x 480 x 338
FLD160-500W-D15	500	500W ROKER FLOODLIGHT, 740	142	71,000	740	500	20	545 x 480 x 338
FLD160-600W-D15	600	600W ROKER FLOODLIGHT, 740	139	83,400	740	600	20	545 x 480 x 338
FLD161-800W-D15	800	800W ROKER FLOODLIGHT, 740	142	113,600	740	800	36	891 x 549 x 338
FLD161-1000W-D15	1000	1000W ROKER FLOODLIGHT, 740	139	139,000	740	1000	36	891 x 549 x 338
FLD161-1200W-D15	1200	1200W ROKER FLOODLIGHT, 740	136	163,200	740	1200	36	891 x 549 x 338
FLD161-800W-D15 -RG	800	800W ROKER FLOODLIGHT - REMOTE GEAR, 740	142	113,600	740	800	26	891 x 549 x 338
FLD161-1000W-D15 -RG	1000	1000W ROKER FLOODLIGHT - REMOTE GEAR, 740	139	139,000	740	1000	26	891 x 549 x 338
FLD161-1200W-D15 -RG	1200	1200W ROKER FLOODLIGHT - REMOTE GEAR, 740	136	163,200	740	1200	26	891 x 549 x 338
FLD162-1600W-D15 -RG	1600	1600W ROKER FLOODLIGHT - REMOTE GEAR, 740	139	222,400	740	1600	54	977 x 522 x 600
FLD162-2000W-D15 -RG	2000	2000W ROKER FLOODLIGHT - REMOTE GEAR, 740	136	272,000	740	2000	54	977 x 522 x 600
FLD162-2400W-D15 -RG	2400	2400W ROKER FLOODLIGHT - REMOTE GEAR, 740	133	319,200	740	2400	54	977 x 522 x 600

REMOTE GEAR

Applications	+ Asymmetric Distribution	+ Distribution
HIGH MAST	-D1 ASYMMETRIC NARROW 80x30°	-D15 15°
SPORTS	-D2 ASYMMETRIC MEDIUM 60x45°	-D30 30°
STADIA	-D3 ASYMMETRIC MEDIUM 75x30°	-D60 60°
+ Input Voltage	-D4 ASYMMETRIC WIDE 90x30°	-D90 90°
-HV 415VAC INPUT	-D5 ASYMMETRIC EXTRA WIDE 120x30°	-D120 120°



PENDEEN - FLOODLIGHT



50,000
HOURS



5
YEARS'
WARRANTY



IK07



IP67

A **high power, low maintenance, cost-effective** solution for your outdoor lighting needs. With two available distributions, **rotatable fittings** and **high efficacy**, our Pendeen Floodlight offers a flexible approach for your installation.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
FLD145	480	480W PENDEEN FLOODLIGHT, 757, 2122	ASYMMETRIC	145	69,600	757	480	13.1	655 x 360 x 360
FLD146	960	960W PENDEEN FLOODLIGHT, 757, 2122	ASYMMETRIC	145	139,200	757	960	36.4	680 x 650 x 395
FLD146 -D25	960	960W PENDEEN FLOODLIGHT, 757, 25°	25°	145	139,200	757	960	36.4	680 x 650 x 395

Applications

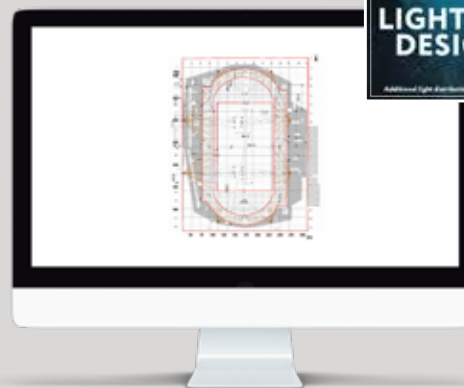
SPORTS LIGHTING
HIGH MAST
STADIA

+ Input Voltage

-HV 415VAC INPUT



Replaces
1kW and 2kW
HID lighting



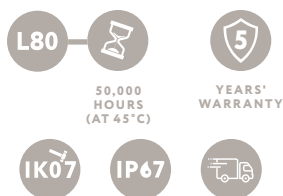
Please talk to our Project Sales Engineers to enquire about a tailored lighting design.

PERFECT FOR
LARGE SCALE
FLOODLIGHT
REQUIREMENTS





SHORE - FLOODLIGHT



Manufactured with a 4mm stainless steel bracket for strength and **anodized aluminium body, plastic spray-coated** to a thickness of 60-80 μ . This salt-spray tested product with polycarbonate lenses is ideal for use in **harsh outdoor environments**.

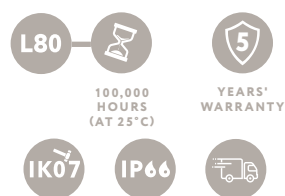
Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
FLD052	110	110W SHORE FLOODLIGHT, 840, 90°	90°	135	16,200	840	120	5.2	274 x 300 x 325
FLD053	140	140W SHORE FLOODLIGHT, 840, 90°	90°	127	19,050	840	150	5.2	274 x 300 x 325
FLD054	165	165W SHORE FLOODLIGHT, 840, 90°	90°	130	22,750	840	175	6.6	354 x 300 x 325
FLD055	190	190W SHORE FLOODLIGHT, 840, 90°	90°	126	25,200	840	200	6.6	354 x 300 x 325

Applications

COASTAL ENVIRONMENTS
OFFSHORE ENVIRONMENTS



IDT PRO 2 STREETLIGHT



The **redesigned** IDT Pro 2 provides **continued advancements** on its predecessor, seeing improvements in **efficiency, rated life, and light distribution**. It incorporates a tiltable 60mm horizontal entry and provision for optional photocell.

Part No.	Watts	Description	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
STL030v2	25	25W IDT PRO 2 STREETLIGHT, 740	125	3,125	740	25	2.5	420 x 193 x 114
STL031v2	45	45W IDT PRO 2 STREETLIGHT, 740	125	5,625	740	45	2.6	420 x 193 x 114
STL032v2	65	65W IDT PRO 2 STREETLIGHT, 740	125	8,125	740	65	4.8	535 x 242 x 140
STL033v2	85	85W IDT PRO 2 STREETLIGHT, 740	125	10,625	740	85	4.9	535 x 242 x 140

Applications

ROADWAY
CAR PARKS
FOOTPATHS

+ Photocell

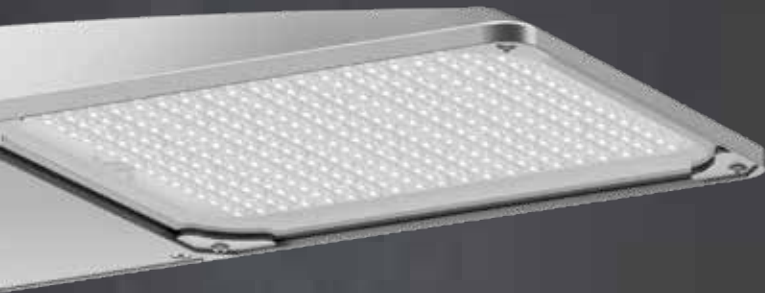
-PS 3 PIN NEMA SOCKET
-PN NEMA SOCKET AND NEMA PHOTOCCELL

+ Accessories

ACS121	42-60mm STREET LIGHT SPIGOT ADAPTOR
ACS122	34-60mm STREET LIGHT SPIGOT ADAPTOR

NEW
SOUTER
STREETLIGHT

Our new streetlight for the modern outdoor requirements. More efficient and more distributions to maximise performance on roadways and open areas.





NEW SOUTER STREETLIGHT

100,000
HOURS70,000
HOURSYEARS'
WARRANTY

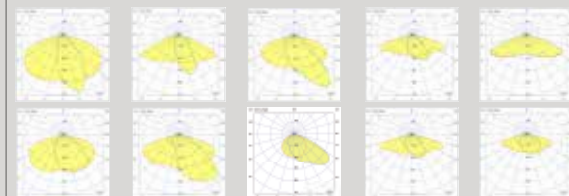
A sleek looking, highly efficient streetlight for the modern market. The Souter is designed with a 100,000 hour rated life and efficacy of 160lm/W. Available with 10 beam angles to give maximum flexibility in lighting designs this streetlight is here to stand the test of time. Supplied with adjustable 60mm post/side entry as standard.

Part No.	Watts	Description	Efficacy	Lumens	Ra / CCT	System Power	Surge Protection (kV)	Weight (kg)	Dimensions (L x W x H mm)
STL090-40-D1	20-40	20/25/30/40W SOUTER STREETLIGHT, 740	160	6,400	740	40	6	4.7	430x220x80
STL091-60-D1	60	60W SOUTER STREETLIGHT, 740	160	9,600	740	60	6	5.9	552x220x82
STL091-75-D1	75	75W SOUTER STREETLIGHT, 740	160	12,000	740	75	10	5.9	552x220x82
STL091-100-D1	100	100W SOUTER STREETLIGHT, 740	160	16,000	740	100	10	5.9	552x220x82
STL092-120-D1	120	120W SOUTER STREETLIGHT, 740	160	19,200	740	120	10	7.2	577x270x83
STL092-150-D1	150	150W SOUTER STREETLIGHT, 740	160	24,000	740	150	10	7.2	577x270x83

STL090-40-D1 has been designed with a selectable driver for ease of stocking and ordering. Upon install simply arrange the dip switches to the desired output.



ULTIMATE VERSATILITY 10 BEAM ANGLES



Applications

ROADSIDES
CAR PARKS
FOOTPATHS

+ Mounting

-B76 Ø76

+ Photocell

-PS 3 PIN NEMA SOCKET
-PN NEMA SOCKET AND NEMA PHOTOCELL
-P7 7 PIN NEMA SOCKET

+ Distribution

-D1 R01609
-D2 R01601
-D3 R01610
-D4 R01606
-D5 R01605
-D6 R01602
-D7 R01603
-D8 R01607
-D9 R01611
-D10 R01613

+ CCT

-3K 3000K

+ Controls

-CD DALI DIMMABLE

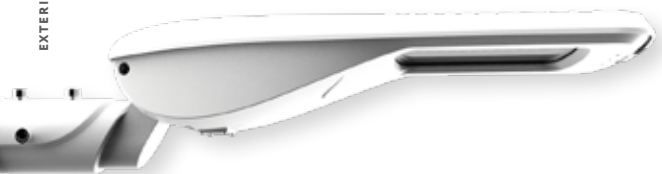
+ Cables

Available with any length of prewired flex.

Please specify your part code as **-xM** where **x** is your length. For example, 6m flying lead would be **-6M**.

MULTIPLE
OPTIONS
FOR OPTIMAL
PERFORMANCE ON
STREETLIGHTING
DESIGNS.





VSOLDIER STREETLIGHT



The VSoldier redefines LED street lighting with **cutting-edge performance**, build quality and efficacy of 123 lumens per Watt with a rated life of 100,000 hours. Tool-free access, **power-off protection** and supporting rod design. Post Top & Side Entry is $\pm 15^\circ$ with $\varnothing 60\text{mm}$ mounting.

Part No.	Watts	Description	Efficacy	Lumens	Ra / CCT	System Power	Surge Protection (kV)	Weight (kg)	Umsug Codes	Dimensions (L x W x H mm)
STL060-25	25	25W VSOLDIER STREETLIGHT,740	122	3,170	740	25	6	6.4	42 0025 0000 100	283 x 530 x 155
STL060-30	30	30W VSOLDIER STREETLIGHT,740	123	3,700	740	30	6	6.4	42 0030 0000 100	283 x 530 x 155
STL060-50	50	50W VSOLDIER STREETLIGHT,740	119	6,200	740	50	10	6.4	42 0056 0000 100	283 x 530 x 155
STL060-70	70	70W VSOLDIER STREETLIGHT,740	118	8,300	740	70	10	6.4	42 0077 0000 100	283 x 530 x 155
STL060-90	90	90W VSOLDIER STREETLIGHT,740	111	10,000	740	90	10	6.4	42 0097 0000 100	283 x 530 x 155

Applications

ROADSIDES
CAR PARKS

+ Mounting

-B76 $\varnothing 76$

+ Finish

-FB Black

76mm mounting bracket available: specify -B76

+ Distribution

-D1 R09601
-D2 R09602
-D3 R09603
-D4 R09604
-D5 R09605

+ Photocell

-PS 3 PIN NEMA SOCKET
-PN NEMA SOCKET AND NEMA PHOTOCELL
-P7 7 PIN NEMA SOCKET
-PM MINIATURE PHOTOCELL

+ Controls

-CD DALI DIMMABLE
-C10 1-10V DIMMABLE

+ Cable Length

-8M 8 METRES
-10M 10 METRES
-12M 12 METRES

+ CCT

-3K 3000K
-5K 5000K

3000 / 5000K versions made on request.



VSOLDIER PLUS STREETLIGHT



The high-output VSoldier Plus has **cutting-edge performance**, build quality and efficacy of 126 lumens per Watt with a rated life of 100,000 hours. Tool-free access, **power-off protection** and supporting rod design. Post Top & Side Entry is $\pm 15^\circ$ with $\varnothing 60\text{mm}$ mounting.

Part No.	Watts	Description	Efficacy	Lumens	Ra / CCT	System Power	Surge Protection (kV)	Weight (kg)	Umsug Codes	Dimensions (L x W x H mm)
STL070-90	90	90W VSOLDIER PLUS STREETLIGHT,740	125	11,450	740	90	10	8.2	42 0088 0000 100	350 x 620 x 115
STL070-120	120	120W VSOLDIER PLUS STREETLIGHT,740	126	15,300	740	120	10	8.2	42 0119 0000 100	350 x 620 x 115
STL070-150	150	150W VSOLDIER PLUS STREETLIGHT,740	124	18,400	740	150	10	8.2	42 0147 0000 100	350 x 620 x 115
STL070-180	180	180W VSOLDIER PLUS STREETLIGHT,740	119	21,100	740	180	10	8.2	42 0187 0000 100	350 x 620 x 115

Applications

ROADSIDES
CAR PARKS

+ Mounting

-B76 $\varnothing 76$

+ Finish

-FB Black

76mm mounting bracket available: specify -B76

+ Distribution

-D1 R17602
-D2 R17603
-D3 R17601
-D4 R17604
-D5 R17605

+ Photocell

-PS 3 PIN NEMA SOCKET
-PN NEMA SOCKET AND NEMA PHOTOCELL
-P7 7 PIN NEMA SOCKET
-PM MINIATURE PHOTOCELL

+ Controls

-CD DALI DIMMABLE
-C10 1-10V DIMMABLE

+ Cable Length

-8M 8 METRES
-10M 10 METRES
-12M 12 METRES

+ CCT

-3K 3000K
-5K 5000K

3000 / 5000K versions made on request.

COLUMNS

All columns are available for Streetlighting and Floodlighting.

Part No.	Description	Post Top Diameter (mm)	Base Diameter (mm)
COL001	-3M 3m GALVANISED COLUMN, ROOT MOUNTED	76	140
	-4M 4m GALVANISED COLUMN, ROOT MOUNTED	76	140
	-6M 6m GALVANISED COLUMN, ROOT MOUNTED	76	140
	-8M 8m GALVANISED COLUMN, ROOT MOUNTED	89	168
	-10M 10m GALVANISED COLUMN, ROOT MOUNTED	114	168
	-12M 12m GALVANISED COLUMN, ROOT MOUNTED	168	192



BRACKETS AND ACCESSORIES

STREETLIGHTING BRACKETS

Part No.	Description	Post Top Diameter (mm)	Bracket Outreach Diameter (mm)	Bracket Outreach Length (mm)
ACS209	60mm RIGHT ANGLE BRACKET FOR 60mm COLUMN	60	60	300
ACS145	60mm RIGHT ANGLE BRACKET FOR 76mm COLUMN	76	60	500
ACS238	60mm TWIN RIGHT ANGLE BRACKET FOR 76mm COLUMN	76	60	500

STREETLIGHTING ACCESSORIES

Part No.	Description	Inner (Pole) Diameter (mm)	Outer Diameter (mm)
ACS121	42 - 60mm SPIGOT ADAPTOR	42	60
ACS122	34 - 60mm SPIGOT ADAPTOR	34	60



IDT PRO 2 STREETLIGHT
SEE PAGE 94



SOUTER STREETLIGHT
SEE PAGE 97



VSOLDIER RANGE
SEE PAGE 99 + 100

PORTLAND FLOODLIGHT BRACKET

Part No.	Description	Post Top Diameter (mm)
ACS187	42mm POLE MOUNT BRACKET	42
ACS188	60mm POLE MOUNT BRACKET	60
ACS189	76mm POLE MOUNT BRACKET	76



PORTLAND FLOODLIGHT
SEE PAGE 87

FLOODLIGHT BRACKET

Part No.	Description	Post Top Diameter (mm)
ACS243	DOUBLE BRACKET FOR 76mm COLUMN	76
ACS244	TRIPLE BRACKET FOR 76mm COLUMN	76
ACS250	QUAD BRACKET FOR 76mm COLUMN	76
ACS225	QUAD BRACKET FOR 76mm COLUMN, NESW	76



PORTLAND FLOODLIGHT
SEE PAGE 87



ROKER FLOODLIGHT
SEE PAGE 89



PENDEEN FLOODLIGHT
SEE PAGE 91



WALNEY - WALLPACK



50,000
HOURS



YEARS'
WARRANTY



IK07



IP65



The Walney Wallpack is a **robust die-cast aluminium** wallpack featuring a **built-in photocell**. Designed with **low glare asymmetric light output** this sleek and discrete design is perfect for perimeter and walkway lighting. Available in **15W and 26W outputs** for impressive energy savings and long life. **26W version supplied with CCT selection (3000/4000/5000K) as standard.**



**INTERNAL
PHOTOCELL**



**REEDED
DIFFUSER**

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power	Weight (kg)	Dimensions (L x W x H mm)
WAL001	15	15W WALNEY WALLPACK, PHOTOCELL, 840	120°x105°	120	1,800	840	15	0.9	218 x 147 x 78
WAL002	26	26W WALNEY WALLPACK, PHOTOCELL, 830/840/850	120°x105°	120	3,120	830 840 850	26	0.9	218 x 147 x 78

Applications

WALKWAYS
CAR PARKS
PERIMETER LIGHTING



BAMBURGH - BULKHEAD



50,000
HOURS



YEARS'
WARRANTY



3000K
4000K
5700K

CCT
SELECTABLE



IP65

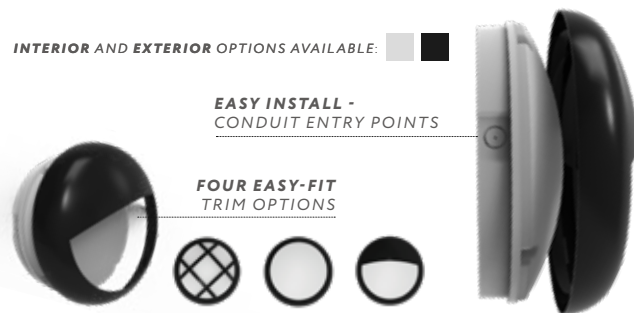


The **IP65 rated** Bamburgh bulkhead can be used **indoors and out** with **four trim options** to suit every occasion. **Customise your project even further with integral 3-hour emergency and microwave sensor options.**

INTERIOR AND EXTERIOR OPTIONS AVAILABLE:

**EASY INSTALL -
CONDUIT ENTRY POINTS**

**FOUR EASY-FIT
TRIM OPTIONS**



Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra / CCT	System Power (W)	Weight (kg)	Dimensions (Ø x H mm)
AMY005-KITB	12	12W BAMBURGH BULKHEAD, 840, BLACK	120°	95	1,330	830 840 857	14	0.8	350 x 90
AMY006-KITB	18	18W BAMBURGH BULKHEAD, 840, BLACK	120°	95	1,900	830 840 857	20	0.8	350 x 90

Applications

WALKWAYS
CAR PARKS
PERIMETER LIGHTING

+ Sensor

-SM MICROWAVE
SENSOR (UP TO 6m
DETECTION)

+ Emergency

-EM EMERGENCY

Ordering Codes

	-KITW	With White Trim
	-KITB	With Black Trim
	-KITBE	With Black Eyelid Trim
	-KITBG	With Black Grill Trim



RETROFIT - CORN LAMPS



50,000
HOURS



5
YEARS'
WARRANTY



IP64



Retrofit Corn Lamps are **an ideal upgrade route for ageing HID lamps**, whilst maintaining the look and integrity of the existing fitting.

Venture Retrofit Corn Lamps are designed with a **large heatsink profile to reduce thermal stresses and the need for internal fans.**

Part No.	Watts	Description	Beam	Lumens	Ra/ CCT	Efficacy	Base	Weight (kg)	Dimensions (L x W x H mm)
RTF160	18	18W LED CORN LAMP, E27, 840	360°	2,430	840	135	E27	0.25	148 x 60mm
RTF161	27	27W LED CORN LAMP, E27, 840	360°	3,645	840	135	E27	0.28	173 x 90mm
RTF162	36	36W LED CORN LAMP, E27, 840	360°	4,860	840	135	E27	0.56	195 x 85mm
RTF163	54	54W LED CORN LAMP, E27, 840	360°	7,290	840	135	E27	0.7	234 x 85mm
RTF164	75	75W LED CORN LAMP, E40, 840	360°	10,125	840	135	E40	1.48	255 x 130mm
RTF165	100	100W LED CORN LAMP, E40, 840	360°	13,500	840	135	E40	1.48	267 x 130mm
RTF166	120	120W LED CORN LAMP, E40, 840	360°	16,200	840	135	E40	1.55	288 x 130mm
RTF170	18	18W LED CORN LAMP, E27, 860	360°	2,520	860	140	E27	0.25	148 x 60mm
RTF171	27	27W LED CORN LAMP, E27, 860	360°	3,780	860	140	E27	0.28	173 x 90mm
RTF172	36	36W LED CORN LAMP, E27, 860	360°	5,040	860	140	E27	0.56	195 x 85mm
RTF173	54	54W LED CORN LAMP, E27, 860	360°	7,560	860	140	E27	0.7	234 x 85mm
RTF174	75	75W LED CORN LAMP, E40, 860	360°	10,500	860	140	E40	1.48	255 x 130mm
RTF175	100	100W LED CORN LAMP, E40, 860	360°	14,000	860	140	E40	1.48	267 x 130mm
RTF176	120	120W LED CORN LAMP, E40, 860	360°	16,800	860	140	E40	1.55	288 x 130mm



IMPROVED HEATSINK
DESIGN REMOVING
THE NEED FOR AN
INTERNAL FAN



EFFICIENT
LEDS



18W



27W



36W



54W



75W



100W



120W

PERFECT HID
UPGRADE



CORN LAMPS EXPLAINED

Lumens vs Lumens

Upgrading to LED has never been easier. However, when considering LED replacements swapping like for like based on lumens is not the correct practise. LEDs have better lumen maintenance and CRI with a much longer rated life. All of these factors mean that you don't need the same amount of lumens initially to match HID outputs over time.



LED CORN LAMP

- Better CRI
- Longer life
- Better lumen maintenance



METAL HALIDE OR SON LAMP

- Higher initial lumens
- Relamping costs
- Reflector losses

LET'S COMPARE

This simple table will help you to select the correct replacement and save as much energy as possible!

LED	HID
18W	35
27W	50
36W	70
54W	100
75W	150
100W	200
120W	250

DID YOU KNOW...

Retrofit upgrades are a quick and easy transition to greener lighting.

Changing to a new directional LED fitting removes all reflector losses and is even more efficient!

For more information or guidance on our LED Retrofit Corn Lamp range, contact your regional project sales engineer.

EMERGENCY RANGE

Our emergency products are **versatile and innovative**; providing and maintaining in excess of three hours of light, **enabling you to meet emergency regulations.**





EMERGENCY 6 IN 1 EXIT SIGN



50,000
HOURS



3
YEARS'
WARRANTY



3 YEARS'
WARRANTY



3 HOURS'
DURATION



SELF-TEST



SURFACE WALL
MOUNT



SUSPENSION MOUNT



RECESS CEILING
MOUNT



SURFACE ARM
MOUNT



SURFACE CEILING
MOUNT



TASK LIGHT



The 6 In 1 Exit Sign is **extremely versatile** with five mounting options and task light. **Interchangeable legends** cater for every installation and the **built-in task light** provides an **additional focused light**. The 6 in 1 Exit Sign has self-test as standard and three hours maintained / non-maintained power.

Part No.	Watts	Description	Power (W)	Weight (kg)	Dimensions (L x W x H mm)
EMG028	3	3W LED EMERGENCY 6 IN 1 EXIT SIGN	3	0.7	310 x 235 x 50

Applications

OFFICES
CORRIDORS
EXIT ROUTES



EMERGENCY BULKHEAD



30,000
HOURS



3
YEARS'
WARRANTY



1 YEARS'
WARRANTY



3 HOURS'
DURATION



IP65



SPACING
ESCAPE ROUTE 2M WIDE (1 LUX MIN)

PART NO.	MOUNTING HEIGHT (m)	TRANSVERSE TO WALL	TRANSVERSE TO TRANSVERSE	AXIAL TO WALL	AXIAL TO AXIAL
	2.5	-	-	3.6	7
EMG019	4	-	-	4	9.4
	6	-	-	3.7	9.9



SPACING
OPEN (ANTI-PANIC) AREA (0.5 LUX MIN)

PART NO.	MOUNTING HEIGHT (m)	TRANSVERSE TO WALL	TRANSVERSE TO TRANSVERSE	AXIAL TO WALL	AXIAL TO AXIAL
	2.5	4	8.4	3.4	8.5
EMG019	4	2.5	11.1	4.1	10.8
	6	2.5	13	3.7	12.2



Complete with ISO 7010 compliant emergency legends, the EMG019 is suitable for use as emergency signage. When legends are omitted the same fitting provides 180lm of general emergency illuminance, either maintained or non-maintained. Ingress Protection rating of IP65 makes this suitable for indoor and outdoor environments.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra/CCT	Power (W)	Weight (kg)	Dimensions (L x W x H mm)
EMG019	3	3W LED EMERGENCY BULKHEAD	150°	60	180	765	(DC = 0.8) (AC = 1.2)	0.5	276 x 110 x 60

Applications

EXIT ROUTES



EMERGENCY EXIT BOX



3
YEARS'
WARRANTY



2 YEARS'
WARRANTY



3 HOURS'
DURATION



Li
LITHIUM
BATTERY



Slim exit sign visible up to 24m. Built to BS EN 5266 with ISO 7010 legends and featuring integrated task light to compliment emergency lighting designs.

Part No.	Watts	Description	Power (W)	Weight (kg)	Dimensions (L x W x H mm)
EMG034	3	3W EMERGENCY EXIT BOX	3	0.59	320 x 185 x 28

Applications

OFFICES
CORRIDORS
EXIT ROUTES

Ordering Codes



EMG034-UP 3W Emergency Exit Box, Up Legend



EMG034-DN 3W Emergency Exit Box, Down Legend



EMG034-LF 3W Emergency Exit Box, Left Legend



EMG034-RT 3W Emergency Exit Box, Right Legend



EMG034-EX 3W Emergency Exit Box, EXIT Legend

ADD CHOSEN LEGEND CODE TO EMG034 WHEN ORDERING



EMERGENCY TWIN SPOT



YEARS'
WARRANTY



1 YEARS'
WARRANTY



3 HOURS'
DURATION



Our Emergency Twin Spot provides **three hours of non-maintained emergency lighting** when you need it most. Each twin spot is adjustable for optimal utilisation of light.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra/CCT	Power (W)	Weight (kg)	Dimensions (L x W x H mm)
EMG014	3.2	3.2W LED EMERGENCY TWIN SPOT, IP20	60°	120	385	765	3.2	1.1	280 x 305 x 55.5

Applications

INDUSTRIAL AREAS
WAREHOUSE RACKING
ASSEMBLY SHOP



EMERGENCY TWIN SPOT - IP65



YEARS'
WARRANTY



1 YEARS'
WARRANTY



3 HOURS'
DURATION



SELF TEST



Our IP65 Emergency Twin Spot provides **three hours of non-maintained emergency lighting** with an additional self-test function. Each twin spot is adjustable for optimal utilisation of light.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra/CCT	Power (W)	Weight (kg)	Dimensions (L x W x H mm)
EMG015	3.2	3.2W LED EMERGENCY TWIN SPOT, IP65	60°	120	385	765	3.2	1.1	292 x 279 x 70.5

Applications

INDUSTRIAL AREAS
WAREHOUSE RACKING
ASSEMBLY SHOP

TWIN SPOTS

STANDARD vs IP65 vs HIGH OUTPUT

SPOT THE **RIGHT** SOLUTION FOR YOU

STANDARD TWIN SPOT



Lumens	385
Warranty	3
Battery Warranty	1

IP65 TWIN SPOT



Lumens	385
Warranty	3
Battery Warranty	1
IP65	✓
Self Test	✓

HIGH OUTPUT TWIN SPOT



Lumens	700
Warranty	3
Battery Warranty	2
IP65	✓
Self Test	✓
Lithium Batteries	✓



HIGH OUTPUT TWIN SPOT



YEARS' WARRANTY



2 YEARS' WARRANTY



3 HOURS' DURATION



SELF TEST



LITHIUM BATTERY

IP65



Our High Output Emergency Twin Spot has been designed to provide twice the amount of light compared with a traditional Twin Spot. This means fewer fittings and less install time is required for each emergency project. Supplied as standard with self-test and IP65 rating.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra/CCT	Power (W)	Weight (kg)	Dimensions (L x W x H mm)
EMG035	6	6W HIGH OUTPUT EMERGENCY TWIN SPOT, IP65	60°	116	700	765	6	1.3	292 x 300 x 72

Applications

INDUSTRIAL AREAS
WAREHOUSE RACKING
HIGH LEVEL

Designed for use with Highbays or as a stand-alone luminaire



HIGH-OUTPUT EMERGENCY POD



3 YEARS' WARRANTY



3 YEARS' WARRANTY



3 HOURS' DURATION



SELF TEST



IP65



A completely **unique, innovative** product providing **three hours** of non-maintained light at **1000 lumens output**; providing an **extremely economical** solution. This robust and lightweight product is ideal for mounting at high elevation offering easy installation. Installation kit included.

Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra/CCT	Power (W)	Weight (kg)	Dimensions (Ø x H mm)
EMG024	6	6W HIGH-OUTPUT EMERGENCY POD	120°	166	1,000	765	6	1.6	130 x 300

Applications

HIGH-LEVEL EMERGENCY LIGHTING
WAREHOUSE RACKING

SUITABLE FOR MOUNTING AT HIGH ELEVATION

COMPATIBLE WITH MANY HIGHBAYS

ROBUST DESIGN

3 HOUR SELF TEST FOR EASY MAINTENANCE

ECONOMICAL, FEWER FITTINGS REQUIRED

EASY WIRING, EASY INSTALL

PERFECT EMERGENCY SOLUTION FOR WAREHOUSE LIGHTING

1W NON-MAINTAINED EMERGENCY DOWNLIGHT



YEARS'
WARRANTY



2 YEARS'
WARRANTY



3 HOURS'
DURATION



SELF-TEST



LITHIUM
BATTERY



The Emergency Downlight is a **standalone complement to any office or retail environment**. The unit is discreet and unobtrusive when installed but capable of supplying over **three hours of non-maintained** emergency lighting.

SPACING
ESCAPE ROUTE 2M WIDE (1 LUX MIN)

PART NO.	MOUNTING HEIGHT (m)	SPACING TO WALL	SPACING BETWEEN EMG037(s)
EMG037-DL	2.5	6.2	13.1
	4	6.3	17.3
	6	-	-



SPACING
OPEN (ANTI-PANIC) AREA (0.5 LUX MIN)

PART NO.	MOUNTING HEIGHT (m)	SPACING TO WALL	SPACING BETWEEN EMG037(s)
EMG037-DO	2.5	3.8	9.9
	4	3.4	12.3
	6	2.8	12.8



Part No.	Watts	Description	Beam	Efficacy	Lumens	Ra/CCT	System Power (W)	Weight (kg)	Dimensions (Ø x H mm)
EMG037-DL	1	1W EMERGENCY DOWNLIGHT, CORRIDOR LENS	130x30°	90	107	760	1.2	0.21	BEZEL: 50Ø x 39 BATTERY: 26Ø x 112 DRIVER: 180 x 40 x 24 CUT OUT: 45Ø
EMG037-DO	1	1W EMERGENCY DOWNLIGHT, OPEN LENS	130°	100	119	760	1.2	0.21	BEZEL: 50Ø x 39 BATTERY: 26Ø x 112 DRIVER: 180 x 40 x 24 CUT OUT: 45Ø

EMERGENCY REMOTE PACK



YEARS'
WARRANTY



1 YEARS'
WARRANTY



3 HOURS'
DURATION



SELF-TEST



Our Remote Emergency Pack is available as an accessory to **complement our panel and downlight ranges**, enabling a **quick and easy upgrade** to emergency lighting using Plug and Play connectors.

Part No.	Watts	Description	Load Voltage (V)	Weight (kg)	Dimensions (L x W x H mm)
EMG018v2	3	3W EMERGENCY REMOTE PACK	10-60	0.5	213 x 50 x 32.5

Applications

PANELS

DOWNLIGHTS

GLOSSARY

Technical lighting terms and abbreviations. A guide to commonly used terms within the lighting industry.

A AC (Alternating Current)

Alternating current. An electric current that reverses its direction many times a second at regular intervals.

Accent Lighting

Accent lighting focuses light on a particular area or highlighting an object. Display lighting.

Ambient Lighting

It is the combination of light reflections from various surfaces to produce a uniform illumination called the ambient light. This is in most cases a low light level.

Analogue Dimming 1-10V

Drivers, ballasts and luminaires with 1-10V.

ACS - Accessories

Venture ACS codes include mounting kits, bracketry and optional reflectors.

B Battery Warranty

The number of years that the battery is covered under warranty.



C CCT (Correlated Colour Temperature)

Means of expressing the general colour of a light source. Higher CCT indicates a white or bluish light source. Lower CCT indicates a yellow light source. Commonly referred to as just colour temperature and expressed in degrees Kelvin.

CE

CE Conformity and marking is required on all products sold in the EU.



CD – Controls Dali

Venture luminaires incorporating DALI controls contain the CD part code suffix.

C10 – 1-10V

Venture luminaires incorporating 1-10V control include the C10 part code suffix.

Class I (Electrical)

Mains supplied devices requiring a protective earth connection.

Class II (Electrical)

Double insulated mains supplied devices not requiring a protective earth connection.

Class III (Electrical)

These products are SELV, (Safety Extra Low Voltage) rated.

Colour Rendering (Ra)

A specific form of CRI measurement used for most lighting products. Often used interchangeably.

Colour Rendering Index (CRI)

General measurement of a light source's ability to replicate the colour of objects compared with a natural light source. Higher CRI denotes more accurate colour rendition.

D Drivers

Electronic device for converting mains AC voltage into lower DC voltage for supplying LEDs.

DALI (Digital Addressable Lighting Interface)

An industry-standard protocol for communicating with luminaires.



DC (Direct Current)

An electric current supplied in one direction only. LED drivers typically supply DC current.

Directional Lighting

Light source emitting most light in one direction towards the working surface.

DC – Coated Diffused

Venture luminaires with optional diffuser contain the DC part code suffix. Some part codes only available with a diffuser may omit this.

E Efficiency

Ratio of useful driver output power to input power. Higher power drivers can typically achieve higher efficiency than smaller ones.

Efficacy

Ratio of luminous, to power consumption (Lumens Per Watt). Can be quoted in terms of input power consumption or LED power consumption.

EMC

Electromagnetic Compatibility. A set of standards and directives governing electromagnetic emissions from all electronic products.

EM – Emergency Lighting

Battery or generator-powered backup lighting for use in power cuts and mains failure.

Emergency - Self Test

Built-in internal clock, which activates a self-test of the emergency lighting at pre-set time intervals.



Emergency Duration

The amount of time the luminaire will stay lit in the case of an emergency.



Emergency Lighting Testing

Regular periodic testing taken place to ensure luminaires are functioning correctly. Testing should be taken note under:

Daily – Visual inspection of LED illumination

Monthly – Luminaire operates when disconnected

Annually – full rated duration of 3 hours

Escape Route Lighting

Purpose of lighting is to provide a definitive escape route from a point in a building to the final exit.

E27 (ES)

27mm Edison screw lamp cap.

E40 (GES)

40mm Edison screw lamp cap.

F Fire-Rated

Designed to withstand fire when installed in a building. All Venture fire-rated products are 30, 60, 90 minutes certified.

Flux (Luminous)

The light output from a light source. Luminous flux is weighted for the sensitivity curve of the human eye.

G Glare

The ratio of artificial light intensity to the ambient background. An example of high glare is a car headlamp at night. An example of low glare is a diffuser ceiling panel.

Green Design Upgrade

Products where we have reduced the packaging size and removed all non-recyclable materials.



I Indirect Lighting

Ingress Protection. A higher IP rating indicates better protection against accidental ingress of tools, dust or water.

IP20 >12mm (Non-Protected)

IP40 > 1mm (Non-Protected)

IP44 > 1mm (Splashing Water)

IP65 – Dust Tight (Splashing Water)

IP66 – Dust Tight (Strong Water Jets)

IP67 – Dust Tight (Under Water)

IP68 – Dust Tight (Under Water declared depth)

Initial Lumens

Luminous flux at the beginning of LED life.

Input Voltage

The voltage required to power a given device. Usually mains voltage.

Impact Resistance Rating

The physical resilience of a luminaire. Higher numbers dictate that the impact resistance is greater.



L LED (Light Emitting Diode)

Solid state light source. For lighting applications, a phosphor is usually incorporated to convert UV light to visible light.

LED Life (L Rating)

L rating describes the LED lumen output at a given number of hours as percentage of initial lumens. For example, L70 @ 50,000Hrs means that after 50,000Hrs of usage, the lumen



LED Driver/Converter

An electronic device designed to convert input voltage (usually 240V AC) into a voltage suitable for operating LEDs. Most drivers actually supply voltage within a range depending on the LED load connected. Nearly all LED drivers achieve power regulation by maintaining a constant current output.

LIA (Lighting Industry Association)

Venture Lighting Europe is an accredited member of the LIA, a leading UK organisation in the Lighting Industry. For more information, please visit www.thelia.org.uk



Lighting Design

Venture Lighting offer an advanced Lighting Design service to all customers. These are undertaken by our experienced lighting designers. This facility is also available on our website.

Lm/W

Units of lighting efficacy.

LOR – Light Output Ratio

The ratio of luminous flux supplied from a luminaire to that of the light source. For built-in LED light sources the LOR is 100%.

Lumen Maintenance

The lumen output of an LED will reduce over time. This is shown by lumen maintenance, L80, for example, means that a fixture will still have 80% of its initial lumen output at the end of its rated life.



Limited Surface Temperature

Luminaires with a limited surface temperature are suitable for environments where flammable materials may accumulate.



Lithium Battery

The improvements in using a lithium battery is a longer rated life and slower discharge rates from a smaller package.



M Maintained Luminaire

Emergency luminaire also used for general lighting purposes and can be switched on and off by the user. The light source is also activated upon mains failure.

N NiCd

Nickel Cadmium battery.

Non-Maintained Luminaire

The light source is off while the mains power is on charging the batteries. The light source is activated upon mains failure. Cannot be operated by the user.

Next Day Delivery

Next day delivery is available when ordered before 3pm.



O Onsite Warranty

Where applicable, onsite warranty covers access & labour costs for remedial works carried out by dedicated Venture Engineer, where product is deemed faulty.



P Photobiologically Tested.

Photobiologically tested lamps and luminaires conform to EN 62471 limits for hazardous optical radiation.

R ROHS Compliant

Restriction of Hazardous Substances 2011/65EU.

S Smart Controls

Wireless smart luminaires offer a level of control and automation beyond traditional PIR sensors.



-SB - Switching Sensor (Mounting Height dependant upon fixture). Venture luminaires incorporating PIR switching sensors contain the SB part code suffix.

-SM - Sensor microwave. Venture luminaires incorporating microwave sensors contain the SM part code suffix.

-SH - Sensor High (up to 20m). Venture luminaires incorporating high mounting height PIR sensors contain the SH part code suffix.

-SL - Sensor Low (up to 8m). Venture luminaires incorporating low mounting height PIR sensors contain the SL part code suffix.

T t°C

Value of the maximum / minimum operating temperature.

Ambient Temperature Rating

Operating temperature range of the luminaire.



TP(a) / TP(b)

Flammability rating of the diffuser - TP(a) is self-extinguishing material to reduce the spread of fire.



U UMSUG

UMSUG, the Unmetered Supplies User Group provide Charge Codes for our products, viewable on the ELEXON website.

UGR

Unified Glare Ratio is a measure of the discomfort resulting from artificial lighting. Lower numbers are better for user comfort.



V Voltage (V)

The electrical potential between two points. When matching LEDs to a driver it is important to ensure that the two share the same voltage range.

W Watt (W)

Unit of power.

Warranty

Warranty of fixtures is shown inside the shield icon on each product page. Statement of warranty is shown overLeaf.



WEEE

(Waste Electrical and Electronic Equipment) To comply with the directive, Venture Lighting Europe is registered with the Recolight compliance scheme for lamp producers.

VENTURE WARRANTY

STATEMENT OF WARRANTY FOR VENTURE LED PRODUCTS

For the most up to date information on the Venture Lighting Europe warranties, please visit venturelightingeurope.com.



Luminaires

Carry a warranty as displayed on individual product pages, noting that built-in emergency components carry a warranty for 12 months. Look for the warranty shield on these pages (as above)

Street Lighting Products

Carry a warranty based upon operation in a maximum ambient of 20°C and on the understanding that such products are controlled to operate during the hours of darkness, equating to annual usage of 4000 hours. Otherwise, product is warranted for 5 years equating to 50,000 hours.

Emergency Products

Carry an electrical warranty as displayed on individual product pages. Carry a battery warranty displayed by the battery icon on relevant product pages.



1 YEARS' WARRANTY 3 YEARS' WARRANTY

On-Site Warranty

Requires registration via our website and will be supported where products are used within our stated technical parameters.

Qualification

The item must be faulty due to manufacturing defects and not rendered faulty due to misuse, use at elevated temperatures, use at high supply voltages and use in adverse environments or similar circumstances or situations that take Ventures product outside of its published data. Venture will only supply a replacement product for each faulty product returned and will not contribute towards other costs, which implies and not limited to; costs of consequential losses, labour costs, equipment and hire costs, transport costs and any other associated costs of retrieving the original product and or refitting a new product.

TERMS & CONDITIONS

1.0 Interpretation: In these terms and conditions "the Company" means Venture Lighting Europe Ltd, "the Buyer" means the party with whom the Company is contracting and "goods", where the context so permits and requires, means the goods and/or services which the Company contracts to supply and / or to provide and "Conditions" means the following conditions of sale.

2.0 THESE CONDITIONS APPLY:

2.1 Unless the Company shall otherwise expressly agree in writing every offer, tender, quotation, acceptance and contract for the sale or supply of goods, including services ancillary thereto, by the Company is made subject to these conditions and all other terms and conditions proposed by the Buyer are expressly excluded. No modification of these terms and conditions shall be effective unless reduced to writing and signed by a person duly authorised by the Company. No binding contract shall be created by the acceptance of a quotation or offer made by the Company until notice of order in writing signed by a person duly authorised shall be given to the Company by the Buyer.

2.2 In the absence of any agreement in writing expressly excluding or varying the Conditions, the Conditions apply to contracts for the sale of goods arising on acceptance by the Company, by whatever means, of any order received.

3.0 BUYER'S CREDIT STATUS

Unless and until the credit status of the Buyer has been approved by the Company, the acceptance by the Company of any order is conditional on its approval of such credit status.

4.0 PRICES

4.1 All tender prices are based on costs payable by the Company ruling on the date of tender. Such costs may increase between tender and delivery date. The Company shall have the right by giving notice to the Buyer at any time before delivery, to increase the price of any goods to reflect any increase in cost to the Company. Exercise by the Company shall not entitle the Buyer to cancel the contract.

4.2 Where any additional or changed information is submitted to the Company by the Buyer after the date of the Contract, the Company reserves the right to increase prices to cover any additional costs (including additional overheads) incurred by the Company as a result of such alteration and/or to extend the delivery period.

4.3 Carriage by whatever method and packaging may, at the Company's option, be charged to the Buyer.

4.4 The Company shall be entitled to charge at such rate as shall be fair and reasonable for all preliminary or development work which the Company carries out at the request of the Buyer.

4.5 A quotation is available for acceptance for thirty days from the date thereof and lapses, if not previously accepted at the end of that time.

TERMS & CONDITIONS

5.0 QUANTITY: The price quoted is for the stated quantities only and not for materially lesser or greater quantities.

6.0 ORDERS:

6.1 An Order, when accepted by the Company, shall constitute authority for the manufacture of all goods in the Order. The Buyer shall be obliged to take delivery of and pay for all goods included in the order.

6.2 The Buyer shall take delivery of an Order, within three months from the date of acceptance of the Order by the Company, unless otherwise agreed in writing by the Company.

6.3 The Buyer shall be entitled by notice in writing to bring forward or to postpone the date of delivery of goods in an Order but, unless the Company expressly otherwise agrees in writing, not in the case of custom goods by less than eight weeks' notice and in any other case by less than four weeks' notice.

6.4 The Buyer shall at all times be liable to pay to the Company all costs and losses incurred by the Company in respect of goods in an Order including (but without limitation) those in respect of finished goods, work in progress, materials acquired by the Company for the purpose of fulfilling the Order and manufacturing goods.

6.5 The Company, will process an Order from the Buyer, with dispatch of goods commencing only when the agreed pricing is stated. The Company, will request from the Buyer, a revised order with full part codes and corresponding prices, in accordance with dispatch of goods confirming official acceptance of the Order.

6.6 The Buyer can request in writing, to the Company, to cancel an Order. The Company, reserve the right to reject such requests, whereby the goods, are custom or made to order. In this instance, where the goods have been manufactured, the Company will either decline the cancellation or apply a cancellation charge; in correlation to the costs of manufacture. Cancellation requests for goods dispatched will be rejected.

6.7 The Company, operates a minimum order value of £200.00 (UK & NI Orders) & €300.00 (EU Orders); Orders below this value will be subject to a £10.00 or €12.00 Small Order Charge, with standard delivery time of 1-2 Days (UK & NI), delivery times for ROI & EU vary, depending upon location.

7.0 INVOICING AND PAYMENT

7.1 Unless the Company notifies the Buyer otherwise, payment is due by the end of the month following the month of invoice.

7.2 Unless otherwise expressly agreed in writing by the Company, payment in full without discount shall be made and the Buyer shall not be entitled for any reason to withhold payment for the amount shown on the invoice as due.

7.3 Payment is made and received only at the time when the Company's bank account is credited and funds confirmed cleared with the relevant amount, and not at any earlier time.

7.4 If goods are for delivery outside the United Kingdom, the Company, unless otherwise agreed with the Buyer, shall be entitled to payment by irrevocable letter for credit confirmed by a bank approved in writing by the Company against the usual documents, or by draft delivered to the Company and cleared into the Company's bank account.

7.5 Failure to make payment on due date shall constitute a breach of contract and without prejudice to any other rights which it may have against the Buyer the Company may suspend all further deliveries of goods under all contracts then in existence between the Company and the Buyer until payment of all sums payable by the Buyer under that contract and of all other sums then due and payable to the Company by the Buyer has been made in full and/or may terminate the contract.

7.6 If the Company exercises its right to suspend delivery of goods in accordance with Condition 7.5, the dates for delivery of all goods under all contracts in existence at the time when the Company exercised such right of suspension shall, unless the Company otherwise decides, be postponed by a period equal in length to that of the delay in payment by the Buyer entitling the Company to suspend deliveries or, if the suspension shall be in respect of payments due on more than one date, for the period during which the earliest such payment shall be delayed.

7.7 Early settlement discount can only be applied if funds are received/cleared prior to due date. Discount applied after the qualifying period will require repayment.

7.8 Time for payment is of the essence.

8.0 REBATES

Rebate credit notes will be issued where a signed agreement - signed by both parties - is in place & all account balances including invoices & debit notes relating to rebate period are cleared. Where 30 Days extra credit terms have been authorised, these must also be cleared before Rebate Credit can be issued.

9.0 DELIVERY

9.1 Although the Company will make every effort to deliver on the agreed date, time for delivery is not the essence of the contract. Any quoted delivery date or period is a business estimate only and is conditional on the Buyer, at the time for placing the order, providing the Company with such information concerning the Buyer's requirements as enables the Company to fulfil the order. The Company shall not be liable for any loss or damage whatsoever caused by delayed delivery of goods. Delay in delivery will not entitle the Buyer to rescind the contract.

9.2 Goods will be deemed to be delivered within five days after the date of the invoice, unless prior to the expiry

TERMS & CONDITIONS

9.3 The Buyer must notify the Company in writing by Email of any non-delivery, short delivery, loss or damage to goods in transit immediately upon delivery of the goods or of the invoice therefore (whichever is the earliest) & within 5 days at the latest; the Buyer shall at the same time notify any carrier upon receipt of delivery of any such loss or damage and shall enter a note of the same on the carriers' receipt or request for delivery signature. If the Buyers fails to give such notice as provided above and the Company is precluded from making recovery whether from any insurer or any other third party in respect of the loss or damage complained of, then the Buyer shall be liable to pay for the goods as though no such loss or damage had occurred.

9.4 It is the Company's policy to issue free of charge replacements for items notified in writing by the Buyer, if provided within 5 days of delivery, The Buyer will be required to provide photographic evidence, part codes, quantity and invoice number. No credit will be offered for damaged goods, requests and/or Debit Notes raised subsequent to the 5-day period, will be rejected.

9.5 If any carrier of consignment of goods receives an unqualified receipt therefore by or on behalf of the Buyer, the Company shall have no liability to the Buyer for loss or damage in transit to such goods or for miss-delivery or non-delivery thereof.

9.6 The Company may at its discretion deliver the goods by instalments in any sequence.

9.7 If the goods are delivered by instalments each instalment shall be deemed to be the subject of a separate contract and no default or failure by the Company in respect of any one or more instalments shall void the contract, in respect of goods previously delivered or undelivered goods.

9.8 If the goods are to be delivered by the Buyer at any location other than the premises of the Company, delivery shall be deemed to take place on arrival of the vehicle transporting the goods to the location and the Buyer shall be responsible for unloading the goods. Personnel of the Company involved in such unloading shall be deemed to be under the control and direction of the Buyer. The Company shall have no liability for any act or omission of any such personnel done or failed to be done in the course of such unloading.

9.9 ORDER DELIVERY TERMS:

UK & NI ORDERS Minimum Order Value (Per Order) to Qualify for Carriage Paid is £200.00 - Standard delivery time (1-2 days)

FOC Next DAY Carriage, for all UK & NI Orders placed before 12pm, only where The Company does not need to seek any amendment from the Buyer, relating to Part Code, Pricing or Small Order Charges.

Standard: EU ORDERS - Minimum Order Value (Per Order) to Qualify for Carriage Paid €300.00 - Standard delivery times for ROI & EU Vary, depending upon location.

Small Order Charges: A £10.00 (UK & NI) or €12.00 (EU) fixed charge will have applied to all orders under Minimum Order Value.

Next Day Delivery: (Between 7.30 - 17.30) - £10.00

Next Day before 10.30am - £30.00

Next Day before 12pm - £20.00

Saturday Delivery before 10am - £35.00

Saturday Delivery before 12pm - £30.00

10.0 FAILURE TO TAKE DELIVERY

10.1 If goods are ready for delivery and the Buyer fails to take delivery at the time required by the contract the Company shall be entitled to: -

10.1.1 Invoice such goods forthwith; and

10.1.2 Charge at rates giving an economic return for the handling and storage of goods, and for their insurance, from the date of invoice to the date, when The Buyer takes delivery or the Company disposes of the same.

10.2 If the Buyer fails to take delivery within thirty days of the date of invoice it shall be deemed to have repudiated the contract and without prejudice to any other right which it may have against the Buyer, the Company shall be entitled to resell the goods.

11.0 WARRANTY AGAINST DEFECTS

11.1 The scope of warranty as detailed herein, shall only apply to the Company's Goods, such Goods defined as those designed, produced and supplied by the Company, whether branded Venture or with the Buyers branding.

11.2 The Company warrants that all Goods comply with their published specifications at the time of sale and are free from defects in materials and workmanship.

11.3 The period of warranty is as per the published period on the Company's website namely within Ventures Warranty Statement, applicable for the Goods and commences from date of invoice, with the provision the installed burning hours cannot exceed the stated lifetime of the product.

11.4 If any Goods failure occur during the warranted period, the Company will explicitly only provide a free of charge replacement of the failed Goods, subject to the terms and conditions set out herein.

11.5 If the failed Goods are obsolete or unavailable, the Company will offer the nearest alternative and only where due to, substantiated operational reasons given in writing that the Buyer cannot accept such alternative, then a credit equal to the original invoice value could be granted.

11.6 Venture's total liability in connection with the provision of the Goods shall be limited to the price paid by the Buyer for the Goods and without exception the company shall not be liable for any consequential cost either direct or indirect, such as but not limited to; loss of profit, damages, charges, fees, expenses, hire of equipment, labour etc, except for any liability that the Company is not allowed to exclude by law.

TERMS & CONDITIONS

11.7 The Goods must be faulty due to an agreed manufacturing error in materials or workmanship and not due to misuse of any kind, physical and or environmental including but not limited to; thermal, water ingress, EMC, Voltage perturbations, knocks, drops or impact – where each, as considered separately or in combination are outside of the Goods published data or because of any third party repairs and or modifications or erroneous installation not in accordance with the Goods installation procedure.

11.8 The buyer must make a claim in writing to the Company, stating all as specified in the relevant clause from the section - **RETURNED GOODS**

11.9 The Company must have sight of the deemed faulty Goods, such that investigation and analysis can decide if Goods are indeed faulty due solely to materials and or workmanship and not due to misuse.

11.10 Where the Company's 'Onsite Warranty' has been granted and that such is granted at point of sale and on successful completion of the Company's Extended Warranty Registration form, signed by both the Buyer and the Company, the Goods are warranted as aforementioned herein and providing the Goods are correctly installed in accordance published guidelines, the 'Onsite Warranty' is covered separately with the following limitations:

11.10.1 Only the Company's qualifying luminaires utilising an integrated LED light source and standard drivers are offered

11.10.2 The qualifying Goods must be installed within the United Kingdom and be reasonably accessible using locally available access equipment.

11.10.3 Associated labour and costs for access equipment is covered by the Company for the first year from the date of the original purchase order placed with the Company.

11.10.4 Associated labour will be that provided by the Company's approved engineer, instructed to carry out the necessary assessment and remedial works.

11.10.5 When at point of sale and as agreed and recorded in the Extended Warranty Registration form, a non-approved Venture engineer must be used due to site requirements, the Company reserve the right to place a cap on all costs incurred, to match those reasonably expected through the engagement of the Company's approved engineer.

11.11 In all instances and without exception, the Buyer is wholly responsible for all costs in all respects of the aforementioned herein, if no fault found with materials and or workmanship

12.0 RISK

12.1 Risk in the goods shall pass to the Buyer on delivery thereof.

12.2 The Buyer shall keep the goods fully insured against all risk normally insured against throughout the period between risk therein passing to the Buyer and the property therein ceasing to remain with the Company.

12.3 All items and materials which are the property of the Buyer or which are supplied by the Buyer to the Company shall while in the possession of the Company or in transit to or from the Buyer be at the Buyer's risk otherwise expressly agree in writing by the Company.

13.0 COMPANY'S REMEDIES

13.1 If the Buyer shall make default in any material respect in its obligations to the Company, or of any distress or execution shall be levied upon the Buyer's property or assets, or of the Buyer shall make or offer any arrangement or composition with its creditors or if there shall be any other grounds upon which the Buyer shall become insolvent for the purposes of the Insolvency Act 1986 or any resolution or petition to wind up the Buyer or for the appointment of an administrator for the Buyer shall be passed or presented the Company (without prejudice to any other right to which it may be entitled): -

13.1.1 May suspend to terminate the contract or any unfulfilled part thereof without prejudice to its existing rights thereunder;

13.1.2 May stop goods in transit

13.1.3 May recover from the Buyer's premises any goods which are the property of the Company; and

13.1.4 Shall be entitled to claim against the Buyer for any loss or damage sustained as a result of such suspension or termination

13.2 If terms or materials supplied by the Buyer for working by the Company are defective, the Buyer shall be liable to the Company for the cost of all work performed by the Company thereon including work to remedy such defects.

14.0 LIMITATION OF LIABILITY

14.1 Except as otherwise expressly provided in these conditions, or in respect of personal injury or death caused by the Company, the Company shall be under no liability in respect of the quality, condition or description of the goods or for loss or damage including consequential loss or damage howsoever caused to the Buyer or to any other person, and whether for breach of any express or implied provision of the contract or for negligence, breach of statutory or other duty on the part of the Company or otherwise arising out of or in connection with the performance or non-performance of the contract.

TERMS & CONDITIONS

14.2 If items or materials are supplied by the Buyer to the Company for work to be performed on them or for incorporating with goods to be supplied by the Company to the Buyer the liability of the Company for defective work shall be limited to rectifying the work or satisfactorily repairing the work or to carrying out like work on replacement items or materials supplied by the Buyer free of charge and in no event shall any such liability of the Company continue after the items concerned have been inspected or delivered of left the United Kingdom whichever shall be the earliest.

15.0 INDEMNITY BY BUYER

The Buyer shall indemnify the Company against all liabilities costs and expenses which the Company may incur by reason of any claim by any subsequent purchaser or user of the goods or of any product incorporating the goods or manufactured by using the goods or by reason of any claim by any relative or dependent of such purchaser or user arising from any defect or alleged defect in the goods or in such product except and to the extent that such liabilities, costs and expenses arise from a breach by the Company of its obligations under these conditions.

16.0 RETURNED GOODS

16.1 No Order for goods ordered may be cancelled by the Buyer and save as otherwise provided in these conditions no goods may be returned without the prior written consent of the Company, and any debit notes raised without the Company's agreement and confirmation of RMA (Returns Material Authorisation), will be rejected.

16.2 The Buyer must request in writing to the Company, detailing the product codes, quantities, original order number and reason for request to return. If the Company agrees to accept return of goods, The Buyer shall be provided with a Returns Authorisation Number, and shall be obliged to affect the return of such goods in resaleable condition and at its own risk and cost.

16.3 In the case of Stock Cleanse, the Buyer must apply in writing, including details stated in 16.2 to return goods under Stock Cleanse procedure, whilst adhering to the following conditions:

16.3.1 One Stock Cleanse per Calendar Year, with total value not exceeding 10% of the previous year's total turnover.

16.3.2 Goods are current stocked products (Not Made to Order or Built to Order Variants), purchased within the last 12 months (Obsolete products will not be accepted for return) ensuring the goods are Un-used, in Box Quantity, original unmarked packaging and in re-saleable condition. This must be included together with original invoice number or original purchase order number.

16.3.3 The Buyer will provide a 2 for 1 compensating order.

16.3.4 The Buyer will return the goods to our Warehouse address, at their own cost and risk.

16.4 In the case of Goods No longer Required/Surplus to Requirements, it is at the Company's discretion to agree to accept return of goods. The Buyer must apply in writing, including details stated in 16.2 to return goods under Surplus Stock procedure, whilst adhering to the following conditions:

16.4.1 Goods are current stocked products (Not Made to Order or Built to Order Variants), purchased within the last 3 months (Obsolete products will not be accepted for return) ensuring the goods are Un-used, in Box Quantity, original unmarked packaging and in re-saleable condition. This must be included together with original invoice number or original purchase order number.

16.4.2 The Buyer will incur a 20% Handling and Re-stocking Charge.

16.4.3 The Buyer will return the goods to our Warehouse address, at their own cost and risk.

16.5 In the case of Sale or Return Samples, the Buyer must request in writing, including details stated in 16.2 to return goods under Sale or Return Sample procedure, whilst adhering to the following conditions:

16.5.1 Goods are current Standard product (not built to order variants), purchased within the last 3 Months (Obsolete products will not be accepted for return), ensuring the goods are Un-used, in Box Quantity, original unmarked packaging and a re-saleable condition. This must be included together with original invoice number or original purchase order number.

16.5.2 The Buyer will return the goods to our Warehouse address, at their own cost and risk.

16.6 Notwithstanding any agreement to accept return of goods, the Company will not be obliged to accept delivery of any returned goods unless they are returned in packages which are undamaged and which have not been opened since their dispatch by the Company.

16.7 In the instance where the Company is arranging collection of goods a charge may be applicable, which is at the Company's discretion, & the Buyer must ensure the goods are ready for collection. Attempted failed collections will incur a charge of £20.00, per failed attempt.

17.0 HEALTH AND SAFETY

17.1 The Company has available up to date information and/or product literature to ensure that the goods supplied will be safe and without risk to health when properly used. This information is and will remain available from the Company.

TERMS & CONDITIONS

17.2 The Buyer shall be solely responsible for and shall keep the Company indemnified against any loss, liability or expenses arising directly or indirectly from the use of the goods other than in accordance with their specification of the Company's operating instructions or the information and product literature referred to in condition 18.1 or (whereon such specifications or instructions exist) in a manner which would not reasonably be considered to be safe and without risk.

18.0 EXPORT ONLY

18.1 If the Company concludes the contract of carriage and/or arrange for the insurance of the goods for transit the Company shall be deemed to be acting solely as the Buyer's agent and subsections (2) and (3) of section 32 of the Sale of Goods Act 1979 shall not be applicable.

18.2 In the case of any goods to be exported from the United Kingdom, the Buyer is responsible for obtaining import authorisations, and the Company shall have no obligations to dispatch the goods unless and until the Buyer has provided all documentation and information necessary for export and import of the goods to be effected.

19.0 SPECIFICATIONS ETC

Except as otherwise expressly agreed in writing, all specifications, patterns, drawing, unregistered designs, dies, mould tools and the like produced by the Company shall remain the property of the Company. The Buyer may not utilise, reproduce or communicate knowledge of such items and the Buyer shall return the same to the Company at the Company's request.

20.0 TECHNICAL DATA

Whilst every effort has been made to ensure the accuracy of any technical data provided to the Buyer, the Company accepts no liability arising from errors or omissions therein.

21.0 PRINCIPLES

The contract is between the Company and the Buyer and shall not be assignable without the express consent of the Company. The Company reserves the right to subcontract the fulfilment of any order or contract or any part thereof.

22.0 FORCE MAJURE

The Company shall not be liable for failure to comply with any of its obligations under the contract in the event that compliance is delayed or prevented by any cause whatsoever beyond its reasonable control, including, but not limited to, war, riot, strike, lock-out, act of god, storm, fire, earthquake, explosion, flood, confiscation, action of any government, or government agency or shortage.

23.0 RIGHTS OF COMPANY

No forbearance or indulgence by the Company shown or granted to the Buyer in respect of the terms and conditions of sale of the goods shall affect or prejudice the rights of the Company against the Buyer.

24.0 SET OFF

The Buyer shall not be entitled to the benefit of any set-off to which the Buyer might be otherwise entitled in law or in equity. All sums payable under the contract will be payable without any deduction and the Company shall be entitled in the event of non-payment to obtain and enforce judgement thereon without any stay of execution pending the determination of any cross or counterclaim by the Buyer.

25.0 CONFIDENTIAL

The existence of the contract, its content and subject matter are confidential and shall not be disclosed by the Buyer without the prior written consent of the Company.

26.0 EFFECT OF INVALID PROVISIONS

If any provision of the contract is held to be invalid, illegal or unenforceable in any way, the validity, legality and enforceability of the remaining provisions shall not be affected or impaired in any way.

27.0 NOTICE

Any notice to the Company shall be addressed to the Company at its registered office and to the Buyer at the address notified by the Buyer to the Company for that purpose or if none is so notified to the address of the Buyer last known by the Company. A notice given as aforesaid by post shall be deemed served forty-eight hours after posting and by electronic mail at the time of transmission thereof.

28.0 HEADINGS

Headings are inserted for convenience only and shall not affect the meaning or construction of these conditions.

29.0 PROPER LAW

These conditions and the contract shall be subject to and construed in accordance with English Law and parties hereby agree to accept the exclusive jurisdiction of the English Courts in all matters connected therewith or relating thereto.

Head Office:

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**VENTURE
LIGHTING**

Venture Lighting Ltd. 11/20