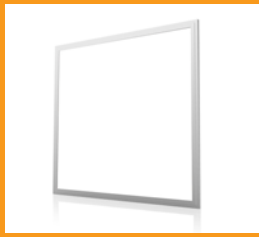

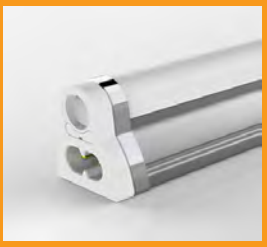

LED Lighting Catalogue

2017

ecopoint LED Lighting

Ecopoint is proudly New Zealand owned and operated and has specialised in specifying and delivering high quality LED lighting solutions since 2009. We were the first company to introduce LED fluorescent tube replacements in New Zealand and first to design refrigeration-specific LED lighting solutions. Our products are manufactured through our Chinese partners and we also have an office in China to manage supplier relationships and provide on-shore QC capability. Ecopoint is one of the few LED suppliers that has lighting solutions that have been installed for at least 5 years.

Refrigeration solutions are supplied to a number of international manufacturers including several in China and our products are also sold through distributors in Ireland, Australia and Denmark. Approximately 50% of our revenue is generated internationally.

In New Zealand, we supply high-quality and price-competitive commercial and industrial LED lighting solutions to the Property, Government, Retail, Supermarket, Hospital and Industrial sectors. Ecopoint has a pragmatic approach to the provision of LED lighting solutions. Our extensive knowledge and quality product range enables us to assess and recommend where LED lighting solutions make the greatest financial impact and provide products best fit for purpose. We also understand where lower cost retrofits versus full lighting replacements make sense. Ecopoint also has the capability to provide lighting design and in-depth business cases so that you can be sure that the proposed lighting solution will work in your environment.

Ecopoint is a member of EMANZ and FMANZ and is also an EECA New Technology Program Partner.

TESTIMONIALS

"Since switching to an LED solution we have enjoyed many benefits, the most important being that our product looks great. We also enjoy lower levels of energy consumption and a better quality of light, while their long life means that our service costs are down. The Ecopoint team are great to deal with too. Any time we have had an issue or problem, Ecopoint has responded quickly to ensure a satisfactory solution is found." JOHN REWALD, Schweppes Australia

"Ecopoint's Paul Wilton has bent over backwards to assist us with our lighting needs. When we have had any ideas he has quickly come to our assistance, providing a range of solutions that are specific to us. He is also great at keeping us updated with new products that can benefit our store." PAUL BAKER, New World Wellington City

"Ecopint have continued to deliver great results and service for ECOsystems and our clients. To date, we have installed over 4000 x H-Series Ecopoint tubes across 12 supermarkets. Recently, I would confidently say that the percentage of failures would be less than 0.02%, if not at times zero. A fantastic result that is indicative of the rigorous testing programme that they have applied to this product." MIKE ASHER, Pioneer Generation (formerly ECOsystems)

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LED Panels

Office, Wellington

Edge-Lit Panels

Featuring a sleek architectural look Ecopoint's LED Panels are an attractive, energy efficient alternative to fluorescent troffers and downlights.

The thin form factor (depth) of these panels makes them ideal to fit into T-Rails and where ceiling void space is limited. They can also be surface mounted.

Available in 600 x 600, 1200 x 300 and 1200 x 600mm sizes with a range of light outputs and Universal Glare Ratings (UGR), these panels can be used in a variety of applications - from lighting office space, to high light output for retail requirements.

APPLICATIONS

Offices, Retail, Schools, Banks, Hotels, Marine, Residential etc.

FEATURES

- Available in Warm White, Natural White and Cool White
- Dimming options available: Triac, 1-10V, DALI and Switch
- Attractive energy saving alternative to standard downlights and fluoro troffers
- Instant "On" with no flickering
- 5 Year Warranty

SPECIFICATIONS

Power Factor	≥0.90
Life Prediction (hrs)	60,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	200 - 240
Hertz	50
Working Temp (°C)	-20 to +45
IP Rating	40
Light Output Angle	120°

Specifications subject to change without notice

5 WARRANTY YEARS

IC-F ABUTTED & COVERED

Recessed luminaires that have the IC-F rating can have insulation abutted to and/or covering them.

SQUARE & RECTANGULAR

PANELS Standard Series

Product Code	Dimension (mm)	Depth	Mount	Wattage (Incl Driver)	Flux (LM)
EP6X6W4K40W	600 x 600	11	Recessed, Surface Mount or Suspended	40	3600
EP3X12W4K40W	300 x 1200	11	Recessed, Surface Mount or Suspended	40	3600
EP6X12W4K60W	600 x 1200	11	Recessed, Surface Mount or Suspended	60	5700

Low Glare Series UGR<19

Product Code	Dimension (mm)	Depth	Mount	Wattage (Incl Driver)	Flux (LM)
EP6X6W4K40WLG	600 x 600	11	Recessed, Surface Mount or Suspended	40	4000
EP3X12W4K40WLG	300 x 1200	11	Recessed, Surface Mount or Suspended	40	4000
EP6X12W4K66WLG	600 x 1200	11	Recessed, Surface Mount or Suspended	66	6270

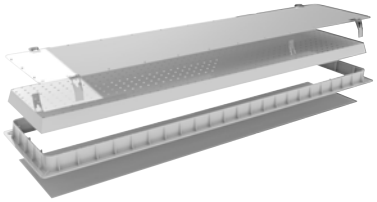
◊ Product Code (Kelvin No.): 2700-3500 Kelvins - Warm White - WW (Model No. ~3K)
4000-5000 Kelvins - Natural White - NW (Model No. ~4K)
5700-7000 Kelvins - Cool White - CW (Model No. ~6K)

Backlit Panels

Ecopoint's Backlit LED Panels are an energy efficient alternative to fluorescent troffers and downlights, featuring a sleek architectural look.

Constructed from injection moulded plastic with a frosted diffuser, these panels are suitable for premises with high ceilings or ones that require greater light levels such as retail or supermarkets.

Available to fit in 600 x 600 and 1200 x 300mm troffers with a range of light outputs and Universal Glare Ratings (UGR), these panels can be used in a variety of applications where there are higher light output requirements.



APPLICATIONS

Retail, Supermarkets or High Ceiling Areas where high light output is required

FEATURES

- Instant "On" with no flickering
- 5 Year Warranty
- SMD LED chips
- Over 100 lumens per watt
- 50,000 expected life to L70
- High light output
- Lightweight design - approx 2 kg's
- SAA/GS/CB/CE/RoHS certified

SPECIFICATIONS

Power Factor	≥0.95
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	220 - 240
Hertz	50 - 60
Working Temp (°C)	-25 to +50
IP Rating	50
Light Output Angle	120°

Specifications subject to change without notice.

5 WARRANTY YEARS

SQUARE & RECTANGULAR PANELS

Standard Series (UGR<19 versions available)

Product Code	IC-F Rated	Dimension (mm)	Depth	Mount	Wattage (Incl Driver)	Flux (LM)
EPG6x6W4K40W	-	595 x 595	52	Recessed, Surface Mount or Suspended	40	4800
EPG3X12W4K80W	-	1195 x 295	42	Recessed, Surface Mount or Suspended	80	7600

◊ Product Code (Kelvin No.): 2800-3500 Kelvins - Warm White - WW (Model No. ~3K)
4000-5000 Kelvins - Natural White - NW (Model No. ~4K)
5500-6500 Kelvins - Cool White - CW (Model No. ~6K)

Up/Down Panels / *Double Sided*

Featuring a sleek architectural look Ecopoint's Up/Down Panels are an attractive, energy efficient alternative to fluorescent troffers and downlights. The double sided LED panels have excellent colour rendering properties. When combined with the diffused, strobe free light, they eliminate the tiring effect associated with fluorescent lighting, resulting in a healthier, productive working environment.

APPLICATIONS

Hospitality, Offices, Retail, High End Residential, etc

FEATURES

- Anti-flex frame design
- No strobe effect
- DALI dimmable option
- Double-sided light output 80% down, 20% up
- Unique replacement for traditional lighting options
- PMMA lens
- AL6063-T5 Aluminium frame provides superior heat dissipation
- Maximum efficacy, minimum glare
- Illuminance uniformity
- Supplied with hanging hardware
- 5 Year Warranty

SPECIFICATIONS

Power Factor	≥0.90
Colour Index (Ra)	>80
Life Prediction (hrs)	50,000 (L70)
Input Voltage	100 - 240
Hertz	50 - 60
Ambient Temperature (°C)	-20 to +40
Storage Temperature (°C)	-40 to +85
IP Rating	20

Specifications subject to change without notice

5 WARRANTY YEARS

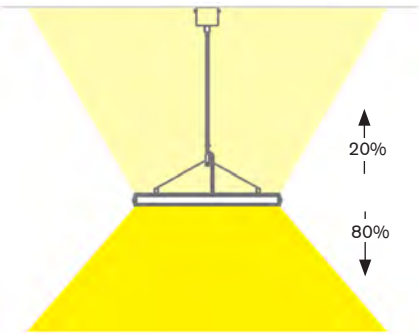
Product Code	Dimensions (mm)	Beam Angle	Wattage	Lumen Up / Down	Flux (LM)	LM/Watt
EDP3X12◊K54S	1195 x 295	2x120°	54	9972 / 3888	4860	90
EDP3X12◊K54H	1195 xx295	2x120°	54	1296 / 5184	6480	120

◊ Product Code (Kelvin No.):

3000 Kelvins - Warm White	WW (Model No. ~3K)
4000 Kelvins - Natural White	NW (Model No. ~4K)
5000 Kelvins - Daylight White	DW (Model No. ~5K)
6000 Kelvins - Cool White	CW (Model No. ~6K)

DALI

Dimmable option



Linear Fittings

New World Bishopdale, Christchurch

Surface Mount Battens

The Ecopoint LED Batten is a cost effective linear LED luminaire that is set to replace the ubiquitous fluorescent batten and tube fixture. Priced at around the cost of a batten and the equivalent number of T8 fluorescent tubes (or the cost of the equivalent number of LED tubes), it will last 2 to 3 times longer and cost about half as much to operate. The Surface Mount Batten is an ideal replacement for ageing conventional T8 and T5 battens or in a new build/refurbishment situation.

Specifically designed to cover the footprint of typical fluorescent battens so that a lighting upgrade doesn't need to include 'making-good' the mounting surfaces.

APPLICATIONS

Office, Carpark, School, Hospital, Retail, Supermarket etc.

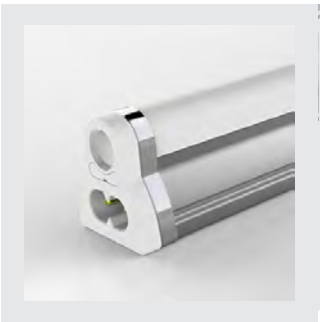
- > Modern styling and economically priced LED fluorescent batten replacement
- > Easy integration into architectural elements due to compact dimensions and low profile
- > Surface Mounted Diode (SMD) design providing better heat management, longer life and better light spread
- > Easy installation with two mounting points
- > 120 degree wide beam angle
- > 3 Year Warranty

SPECIFICATIONS

Colour Index (Ra)	>80
Life Prediction (hrs)	50,000 (L70)
Input Voltage/Hertz	220V / 50Hz
Colour Temperature	4000K - 4500K
Materials	Aluminium Base & Polycarbonate

3 WARRANTY YEARS

Product Code	Power	Size (mm)	LED Quantity	Lumen Output
ELG4K120036W	36W	1550*98*45	192 pcs	2736
ELG4K150072W	72W	1550*98*45	448 pcs	5500



T-Series / *Compact Linear Fitting*

Comprising an integrated batten and lamp, the T-Series fitting is quick and easy to install. Simply mount the base clip to the surface where the lamp is to be situated and clip the fitting in. Up to 10 fittings can be plugged together (from a single power supply) to provide an energy efficient, low maintenance solution for areas such as cove and cabinet lighting, as well as under bench lighting.

FEATURES

- Energy savings of up to 64%
- Instant On/Off, flicker free operation
- Reduced carbon footprint
- Shatter-proof polycarbonate & aluminium construction
- No UV output
- Mercury free
- Simple to install
- 5 Year Warranty

◊ Colour Options: 4000K
5000K
6000K

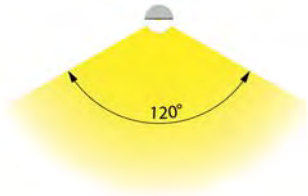
APPLICATIONS

Feature lighting e.g. Under Shelf Displays, Pelmets & Coves

SPECIFICATIONS

Power Factor	≥0.93
Overall Height (mm)	25
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	100 - 277
Hertz	50 - 60
Working Temp (°C)	-20 to +40
Storage Temp (°C)	-40 to +85
IP Rating	20

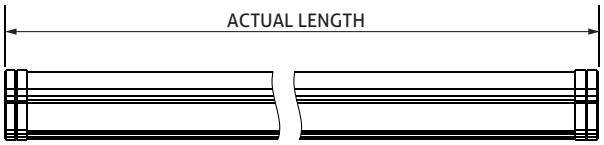
Specifications subject to change without notice

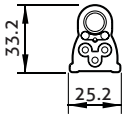


5 WARRANTY YEARS

FROSTED LENS

Product Code	Nominal Length (mm)	Wattage of Tube	Number of LEDs per Tube	Flux (LM)	LM/Watt
ETF◊K600*	600	11	108	1155	105
ETF◊K900*	900	17	168	1785	105
ETF◊K1200*	1200	20	216	2100	105
ETF◊K1500*	1500	24	247	2520	105





Nominal Length	600	900	1200	1500
Actual Length	565	869	1174	1475

T20 Continuous or Individual Fitting

FEATURES

- IP54 protection
- SMD2035 LED chip with EMC structure
- Better heat dissipation and performance
- Standard 110 lumens per watt maximum, 130 lumens per watt option available
- 5 Year Warranty
- CE, RoHS, SAA

5 WARRANTY YEARS

High power aluminium construction LED light that is ideal for industrial or retail spaces requiring continuous row lighting. Up to 30 light fittings may be connected from a single power source.

Model No.	ETPF4K120040WC	ETP4K120060WC	ETPF4K150060WC
DIMENSIONS	1198*60*75mm	1198*60*75mm	1498*60*75mm
RATED POWER	40W	60W	60W
WORKING VOLTAGE	100-277V AC50-60Hz		
LED QUANTITY	216pcs SMD2835	336pcs SMD2835	336pcs SMD2835
COLOUR TEMP	3000K-3500K, 4000K-4500K, 5000K-5500K, 5500K-6500K		
LUMINOUS FLUX	4000-4500lm	6000-6500lm	6000-6500lm
CRI	>80		
MATERIALS	Aluminium & PC Cover		
BEAM ANGLE	120°		
IP GRADE	IP54		
NET WEIGHT	2.2kg/pcs	2.2kg/pcs	3.0kg/pcs
Life Prediction (hrs) 50,000 (L70)			

Downlights / General Purpose

Direct Control Offices, Auckland

Compact Downlights

Halogen Downlight Replacement

R80 Downlight Replacement

Ecopoint's dimmable LED downlight replacement luminaires look great, last for ages (over 20 years based on an average of 5 hours use per day) and save you money. In addition to being energy efficient (the 10W option replaces a 75W incandescent bulb) the luminaire also eliminates the thermal gap created by traditional downlights, preventing expensive heat being lost into the ceiling void.

Simple to install, these LED luminaires are the smart choice when retrofitting outdated traditional downlight fittings or in new builds.

APPLICATIONS

General Lighting, Residential & Commercial

SPECIFICATIONS

Power Factor	≥0.90
Life Prediction (hrs)	40,000 (L70)
Colour Index (Ra)	>83
Beam Angle	90°
Triac Dimmable	Yes
IC Rated	Yes
Colour Temp	3000K, 4000K, 5000K options
Light Source	Samsung 5630 SMD LEDs
Input Voltage (AC)	200 - 240
Hertz	50 - 60

Specifications subject to change without notice

Dimmable

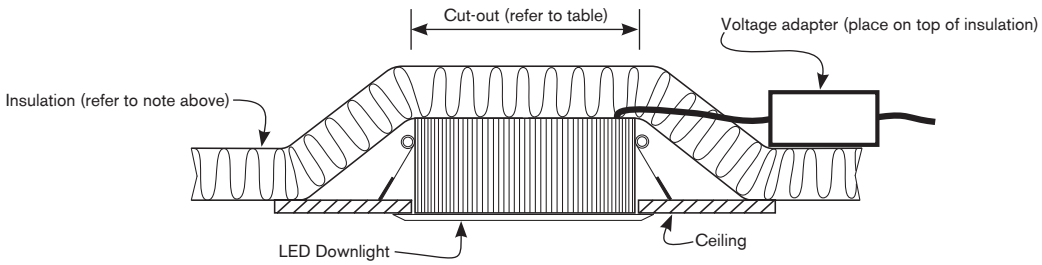
FEATURES

- Significant energy savings
- Eliminates heat loss into ceiling void
- AUS/NZ Safety Standard Approved
- Dimming provides increased energy savings (Triac, DALI)
- Simple to install
- IC rated
- 3 Year Warranty

3 WARRANTY YEARS

Product Code	Size (ØxH)	IC Rated	Wattage	Cut-out	Flux (Lm) WW	Flux (Lm) NW*
EDL903K10W	104x31	✓	10W	90-95mm	700	750
EDL1703K25W	190x45	✓	25W	160-170mm	1930	1990
EDL2284K25W	228x45	✓	25W	200-210mm	2300	2400
EDL2804K45W	280x52	✓	45W	230-260mm	3600	3780

IC ABUTTED & COVERED



Typical Installation

Large Downlights

Featuring a sleek architectural look, Ecopoint's larger downlights are an attractive, energy efficient alternative to standard fluorescent downlights.

The thin form factor (depth) of these panels make them ideal for applications where ceiling void space is limited.

Available in a range of sizes and shapes, these downlights are used in a variety of applications, from residential homes through to schools, offices, banks, marine applications and more.

APPLICATIONS

Offices, Retail, Schools, Banks, Hotels, Marine, Residential etc.

FEATURES

- Attractive energy saving alternative to standard fluorescent downlights
- IC-F rated
- Dimming option available for all panels (Triac as standard)
- Instant "On" with no flickering
- 3 Year Warranty

SPECIFICATIONS

Power Factor	≥0.93
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	100 - 240
Hertz	50 - 60
Working Temp (°C)	-20 to +40
Storage Temp (°C)	-40 to +85
IP Rating	20
Light Output Angle	120°

Specifications subject to change without notice

IC-F ABUTTED & COVERED — Recessed luminaires that have the IC-F rating can have insulation abutted to and/or covering them.

3 WARRANTY YEARS

ROUND PANELS

Product Code	IC-F Rated	Dimension (mm)	Depth	Mount	Wattage (Incl Driver)	Flux (LM)
EP180W4K	YES	180 Diameter	19	Recessed	10	850
EP240W4K	YES	240 Diameter	19	Recessed	15	1275
EP300W4K	YES	300 Diameter	19	Recessed	22	1870

Surface Mounted Ceiling Light (IP54)

Ecopoint's surface mounted ceiling light is constructed using high lumen SMD LEDs, a fire-rated diffuser and is IP54 waterproof rated. It is ideal in locations where there are damp conditions. Installation is quick and easy as no cutout is required. Available in a variety of sizes and wattages including a 12W emergency version.

APPLICATIONS

General Lighting, Offices, Supermarkets, Retail, Schools, Hotels and Public Areas such as Bathrooms, Stairways, Corridors, Lobby and Reception Areas.

FEATURES

- Up to 70% energy saving compared to standard CFL
- Long lifetime of 40,000 hours
- Dimmable when using triac dimmer
- 120° wide beam angle
- CCT : 3000K 4000K
- Environmentally friendly, without Mercury or any other hazardous substances
- IP54 rated
- 5 Year Warranty

5 WARRANTY YEARS

Product Code	Wattage	Life-Hours L-70	CCT	Lumen Output	Dimensions mm	Rating	Beam Angle	CRI	Power Factor
ECL2504K12W	12	40,000	4000K	1040	250*48	IP54	120°	> 80	> 0.9
ECL3004K25W	25	40,000	4000K	2125	300*40	IP54	120°	> 80	> 0.9
Emergency version available									

Weatherproof / IP65

Civic Centre Carpark, Wellington

Tri-Proof Luminaire

Designed for use in harsh environments, Ecopoint's Tri-Proof Luminaires are water resistant and dust-proof. The luminaire can be surface mounted or hung, making it a versatile lighting solution. Energy savings of up to 70% (compared to a twin fluorescent luminaire of the same length) and the long service life combine to provide a fitting that will continue to save your business money for years to come. Customisable microwave sensing option available as a special order item.

FEATURES

- Energy savings of up to 70%
- Instant On/Off flicker free operation
- Reduced carbon footprint
- Vibration resistant
- No UV output
- Mercury free
- Simple to install
- 5 Year Warranty

APPLICATIONS

General fluorescent tube replacement e.g. Commercial & Industrial Applications including Carparks and Stairwells.

SPECIFICATIONS

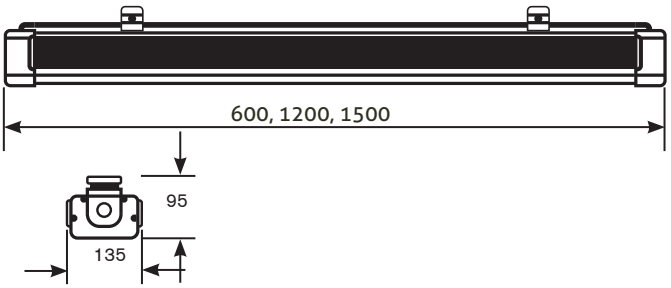
Power Factor	≥0.93
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	100 - 277
Hertz	50 - 60
Working Temp (°C)	-20 to +45
IP / IK Ratings	65 / 09

Specifications subject to change without notice

5 WARRANTY YEARS

Product Code	Length (mm)	Wattage	Number of LEDs	Flux (LM)		Beam Angle
				Frosted	Lm/Watt	
ETPF◊K120040W	1200	40	240	4400	110	120°
ETP‡◊K150060W	1500	60	336	6600	110	120°

◊ Colour Options: 4000K, 5000K



Under Verandah Fittings

Ecopoint's IP65 under verandah fittings are wired ready for any of Ecopoint's range of T8 LED lamps. At up to 64% cheaper to operate than a fluorescent equivalent they are the smart choice for new projects or lighting upgrades.

APPLICATIONS

Carparks, Freezers & Chillers, Walkways etc

SPECIFICATIONS

Working Temp (°C)	-30 to +60
IP / IK Ratings	65 / 09
Designed For	Ecopoint T8 LED tubes (no ballast)

FEATURES

- Ballast free fitting
- Corrosion resistant polycarbonate construction

With Ecopoint LED tubes fitted:

- Instant On/Off
- Flicker free operation
- Up to 64% cheaper to operate than a fluoro equivalent
- Clear lens tubes offer increased lumen output. Can also be used with frosted lens tubes
- AUS/NZ Safety Standard Approved
- No UV output
- Mercury Free
- Simple to install
- 5 Year Warranty

5 WARRANTY YEARS

Product Code	Length (mm)	Tube	Clear Cover
ELVB1200-1P	1200	SINGLE	✓
ELVB1500-1P	1500	SINGLE	✓
ELVB1200-2P	1200	TWIN	✓
ELVB1500-2P	1500	TWIN	✓

High Bays / Floodlights

Animates Te Rapa, Hamilton

High Bays

This high output 200W High Bay is suitable for the replacement of traditional 400 and 600W metal halide high bays. The innovative lightweight aluminium design provides for excellent heat dissipation. The high quality Meanwell driver/power supply is separated from the light body providing additional heat management. Can be mounted at heights of up to 10 metres. Also available in 100W and 150W versions.

APPLICATIONS

Warehousing, Retail, Cold Storage Warehouses, Food Handling Areas, Sports Facilities etc

SPECIFICATIONS

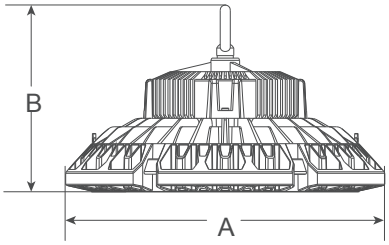
Power Factor	93
LED Type	SMD
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	>80
Input Voltage	90 - 305 VAC
Hertz	50 - 60
Ambient Temperature	-30 to +50°C
IP / IK Ratings	65 / 08

Specifications subject to change without notice

FEATURES

- Meanwell driver
- Glass or PC convex covers
- Wide aluminium plate design for fast and even heat dissipation
- Rack mounting & hook hanging
- IP65 protection level
- Replaceable power supply/driver
- Automatic protection (OVP/OLP/OTP/OCP)
- 5 Year Warranty

5 WARRANTY YEARS



Model No.	Size A (mm)	Size B (mm)
EHB4K200W	380	220
EHB4K100W/150W	320	195

Product Code	Wattage	Flux (LM)	LM/Watt	Colour Temperature	Beam Angle
EHB4K200W	200	25000	125	4000K	60/90/110
EHB4K150W	150	18750	125	4000K	60/90/110
EHB4K100W	100	12500	125	4000K	60/90/110

Also available in 5000K or 6000K and dimming options

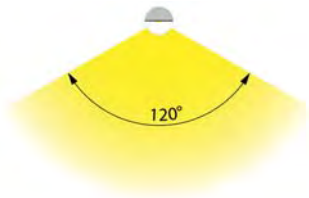
LED Long Bay / *Linear High Bay*

Ecopoint's LED Long Bay's provide a superior light throw making them ideal for applications where large spaces or racking and shelving need to be well lit, e.g. halls, sports facilities and aisles in retail outlets and warehouses.

When combined with 3rd party smart lighting technology the 1~10V dimming option takes energy savings to a new level, reducing the total cost of ownership even further.

APPLICATIONS

Workshops, Factories, Warehouses, Supermarkets, Big Box Retail, Sports Halls



FEATURES

- Easy installation with two mounting points (driver installed on unit)
- IK10 impact rating
- Meanwell Driver
- Stylish dustproof aluminium body with polycarbonate cover
- CE, ROHS, SAA Approval
- IP65 indoor and outdoor use
- 5 Year Warranty

SPECIFICATIONS

Power Factor	>0.90
Life Prediction (hrs)	60,000 (L70)
Light Source	Samsung SMD 2835 LED's
Colour Index (Ra)	80
Input Voltage	100 - 277
Hertz	50 - 60
IP / IK Ratings	65 / 10
Dimming	DALI, 1-10V

Specifications subject to change without notice

5 WARRANTY YEARS

FROSTED LENS

Product Code	Length (mm)	Colour Temperature (Kelvins)	Wattage	Number of LED's per Fitting	Flux (LM)
EL04K1200150W	1200	4000	150	336	15,000 - 16,000
EL04K1500200W	1500	4000	200	420	20,000 - 21,000

‡ Dimming Option: 1~10V = D

Floodlights

FEATURES

- Energy savings of up to 63%
- Adjustable mounting arm (angle)
- Lamp life is not affected by switching
- Instant On/Off
- 1~10V Dimmable option available
- Multiple lens options (angles) available
- Vibration resistant
- IP67 rated
- 5 Year Warranty

Ecopoint's LED Floodlights are a high performing, flexible lighting solution suitable for a wide range of applications. The option of multiple distributions combined with the high Lumen/Watt output and excellent colour rendering properties of these lights ensures a quality result when illuminating spaces such as big box retail stores, warehouses, sports centres, forecourts and outdoor areas. Suitable for use as both a Flood Light or a High Bay.

Also available in a dimmable option which adds further flexibility and increased energy savings when used in combination with 3rd party lighting control gear.

APPLICATIONS

Warehousing, Cold Storage Facilities, Outdoor Lighting , Service Station Forecourts, Sports Complexes, etc

SPECIFICATIONS

Power Factor	≥95
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	>80
Input Voltage (AC)	100 - 277
Hertz	50 - 60
Working Temp (°C)	-40 to 50
IP Rating	67
Light Output Angle	30°/60°/90°/30x70/60x90

Specifications subject to change without notice

5 WARRANTY YEARS

Product Code	Dimmable	Colour Temperature (Kelvins)	Wattage	Flux (LM)	LM/Watt
EFL4K60W	✓	4000	60	7500	125
EFL4K120W	✓	4000	120	15000	125
EFL4K180W	✓	4000	180	22500	125
EFL4K240W	✓	4000	240	30000	125
EFL4K300W	✓	4000	300	37500	125
EFL4K500W	✓	4000	500	62500	125
EFL4K1000W	✓	4000	1000	125000	125

Retrofit Solutions

New World Thorndon, Wellington

J-Series / *High Output T8 Tube*

The J-Series offers superior light output in a sleek 26mm diameter body (identical to a T8 fluorescent tube), with an efficient aluminium heat sink, choice of frosted or clear lens, lockable rotating endcaps and proven Ecopoint build quality.

Upgrading outdated fluorescent lighting to Ecopoint's J-Series LED tubes is a quick and easy way to slash your business's energy and maintenance costs.

FEATURES

- Energy savings of up to 64%
- Instant On/Off, flicker free operation
- Frosted lens tubes are direct replacements for exposed or diffused fluorescent tubes
- Clear lens tubes offer increased lumen output for installation behind diffusers (i.e. in troffers)
- Reduced carbon footprint
- AUS/NZ Safety Standard Approved
- 180° Rotating lockable end caps
- Safety wired isolated fuse end
- 26mm Ø T8 form factor
- Aluminium heat sink
- Clear or frosted lens
- Shatter-proof PC lens
- No UV output
- Mercury free
- Simple retrofit
- 5 Year Warranty

APPLICATIONS

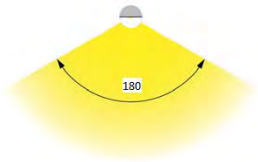
General fluorescent tube replacement

e.g. Offices, Retail, Education, Commercial & Industrial

SPECIFICATIONS

Power Factor	≥0.95
Tube Ø (mm)	26
Life Prediction (hrs)	69,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	100 - 240
Hertz	50 - 60
Working Temp (°C)	-30 to +60
Storage Temp (°C)	-40 to +85
Rotating End Cap	Yes

Specifications subject to change without notice



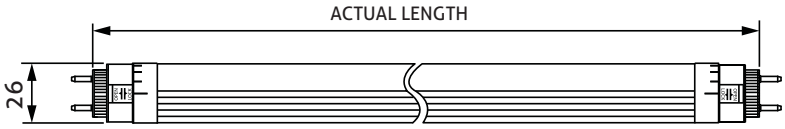
FUSE INCLUDED

5 WARRANTY YEARS

CLEAR or FROSTED LENS

Product Code	Length (mm)	Colour Temperature (Kelvins)	Replaces Fluro temp	Wattage	Number of LEDs per Tube	Flux (LM)		LM/Watt	
						Frosted	Clear	Frosted	Clear
EJ◊4K1200	1200	4000	84	20	112	2100	2300	105	115
EJ◊5K1200	1200	5000	86	20	112	2100	2300	105	115
EJ◊4K1500	1500	4000	84	24	168	2520	2760	105	115
EJ◊5K1500	1500	5000	86	24	168	2520	2760	105	115

◊ Lens Options: Frosted = F
Clear = C
Pink = P



Nominal Length	1200	1500
Actual Length	1198	1498

Retail Applications

The versatile J-Series of LED tubes - together with complementary variants such as the Pink Meat Tubes - has been widely used throughout a number of supermarkets and retail outlets worldwide as a cost effective upgrade from existing fluorescent lamps.

With Warm White (3000K) preferred for baked goods, Cool White (5000K) preferred for fish display and the special Pink Tubes preferred for meat and deli areas, Ecopoint is able to ensure every product is shown in its most flattering light.

PINK TUBES

- For use in chilled and frozen meat display cabinets
- Improved colour rendering (Ra 86)
- Greater efficiency means less cooling load
- Aluminium and shatter-proof polycarbonate
- 600mm, 900mm, 1200mm and 1500mm

K-Series / *T5 Replacement Tube*

Ecopoint's K-Series tubes are a long life, energy efficient alternative to fluorescent T5's with a T7 tube that fits a T5 base. Upgrading is as simple as replacing the traditional T5 fixture for retrofit and including an internal LED driver for convenient installation. Features such as cooler running temperature and reduced maintenance costs make these tubes an excellent choice for a wide range of lighting applications.

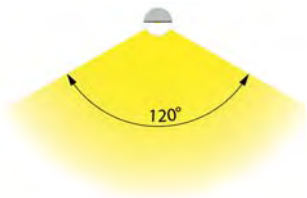
Suitable for both new builds and upgrading of existing fluorescent installations.

FEATURES

- Energy efficient
- Patented 180° rotating end cap designed for optimum lighting results
- Simple end power anti electric shock ensures safety
- Maximum efficacy and minimum glare
- High tech optical design
- T7 tube with T5 base
- Internal LED driver for convenient installation
- Replace traditional T5 fixture for retrofit
- 5 Year Warranty

APPLICATIONS

Meeting Rooms, Function Centres, Offices, Schools Refrigeration etc.



SPECIFICATIONS

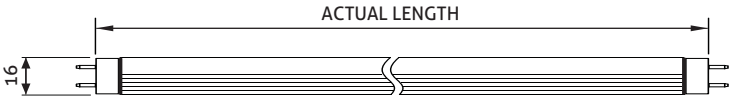
Power Factor	≥0.90
Tube Ø (mm)	19
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	100 - 240
Hertz	50 - 60
Working Temp (°C)	-20 to +40
Storage Temp (°C)	-40 to +85
Rotating End Cap	Yes

Specifications subject to change without notice

5 WARRANTY YEARS

Product Code	Length (mm)	Colour Temperature (Kelvins)	Wattage of Tube	Number of LEDs Per Tube	Flux (LM)	LM/Watt
LK4K600	600	4000	11	56	1320	120
LK4K1200	1200	4000	20	112	2400	120
LK4K1500	1500	4000	24	168	2880	120

◊ Colour Options: (4000K)
(5000K)
(6000K)



Nominal Length	600	900	1200	1500
Actual Length	549	849	1149	1449

MR16 & GU10 / *Dimmable Lamps*

At nearly 90% cheaper to operate than power hungry, inefficient halogen lamps, Ecopoint's energy efficient MR16 & GU10 lamps are the environmentally friendly and economically smart lighting choice.

Featuring Chip-On-Board LED technology and a parabolic anti-glare lens these lamps have a traditional look, while high light output levels and high colour rendering properties mean that you can replace 50W halogen lamps without sacrificing desired lighting levels.

APPLICATIONS

Retail Stores, Shopping Centres, Hotels, Restaurants, Residential etc

SPECIFICATIONS

Light Source	Genesis COB LED
Life Prediction (hrs)	30,000 (L70)
Colour Index (Ra)	≥85
Colour Range (K)	3000 (WW), 4000 (NW)
Input Voltage - MR16	12V
Input Voltage - GU10	230V
Wattage	5 & 6W Options
Dimensions (mm)	50 x 53
Beam Angle	60°
Working Temp - Ta (°C)	-10 to +25

Specifications subject to change without notice

FEATURES

- Significant energy savings
- Dimmable bulbs are compatible with Leading Edge, Trailing Edge & Universal dimmers. MR16 will work with 20~60W Possum & Viper transformers. Note: Ecopoint recommend using a 0~70W transformer in new installations
- Reduced air conditioning load thanks to cooler operating temperature
- Long service life = Reduced maintenance costs
- Cold forged aluminium heat sink provides superior heat dissipation
- Reduced carbon footprint
- 3 Year Warranty

3 WARRANTY YEARS

MR16

Product Code	Colour Range	Dimmable	Wattage	Flux (Lm)	Input Voltage	Replaces
EMR16WWD6	3000 Warm White	✓	6W	520	12V	50W Halogen
EMR16NWD6	4000 Natural White	✓	6W	520	12V	50W Halogen

GU10

Product Code	Colour Range	Dimmable	Wattage	Flux (Lm)	Input Voltage	Replaces
EGU10WWD6	3000 Warm White	✓	6W	510	230V	50W Halogen
EGU10NWD6	4000 Natural White	✓	6W	510	230V	50W Halogen

Also available on indent:
Cool White 6000K (580Lm)
Minimum order 100 units

Specialist Solutions

Lighting Control, Emergency & Healthcare

Integrated Sensor Options

One of the easiest ways to capture efficiency savings is to ensure your lights automatically switch themselves off when the light is not needed.

Ecopoint is able to offer integrated occupancy sensors as an option on many of the luminaires shown in this catalogue. With options for mounting lights up to 10m and sensitive 5.8GHz microwave sensing technology, an integrated sensor solution is a cost effective way to extend the life of your lighting and minimise operating costs.

Contact us with your project's specific requirements and we will find a solution for you.

Emergency Lighting

Designed for use in areas where back-up emergency lighting is required during power cuts.

These emergency fixtures provide full light output in normal operating conditions while at the same time trickle charging the emergency backup battery. In case of a loss of electricity supply, the light fitting will operate from the integrated battery in emergency mode with a lower light output (30-50%) for a minimum period of 2 hours.

If you have a situation where integrated emergency lighting capability is required, please contact us for advice.

3 Way Sensor Switch / *Energy Saver*

Ecopoint's advanced Sensor Switch is a cost effective, energy saving upgrade solution. Ideal for use where lighting is often left on even though the room is unoccupied. Designed to replace a standard light switch, the Sensor Switch (PIR sensor) detects motion/body heat plus sound and ambient light levels, ensuring lighting and connected equipment only operates when the room is occupied.

Voltless Dry Contacts also allow switching of heat pumps, security equipment etc., a unique feature that sets Ecopoint's Sensor Switch apart from other options on the market.

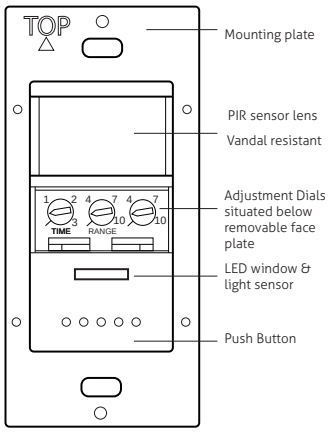
Once the primary PIR sensor is activated by movement or body heat, the lights and connected equipment will operate for the predetermined time before automatically switching off. If the PIR sensor detects further motion or the secondary sound sensor detects noise, the timer resets ensuring no one is left sitting in a dark room.

Operating time and ambient light level settings are user configurable and easily changed. If the ambient light level sensor is enabled, lights will not switch on if adequate light levels are detected. The sound detection and/or ambient light sensors can be disabled plus the switch can be manually over-ridden, allowing it to be used as a standard switch if required.

FEATURES

- Compatible with LED lighting & electronic ballasts
- Manual over-ride
- Sound sensor: On/Off option
- Adjustable timer/range
- Adjustable ambient light sensor
- Voltless dry contacts for AC/heat pump and security equipment
- Saves up to 40% power
- One Year Warranty

SENSOR & CONTROL FEATURES



APPLICATIONS

Offices, Schools, Hallways, Toilets, Carpark Buildings, Changing Rooms etc

SPECIFICATIONS

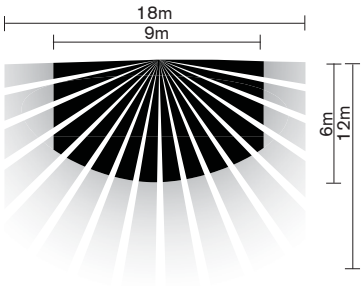
Input Voltage	230V AC	
Hertz	50	
Minimum Load	10mA	
Maximum Load:	5 Amp	
LED	5 Amp	1800VA
Incandescent	5 Amp	1800VA
Fluorescent	5 Amp	1800VA
Resistive Load	600W	
Inductive Load	300W	

Compatible With:

- Electronic and magnetic ballasts
- Electronic and magnetic low voltage ballasts
- Incandescent lamps
- Fans

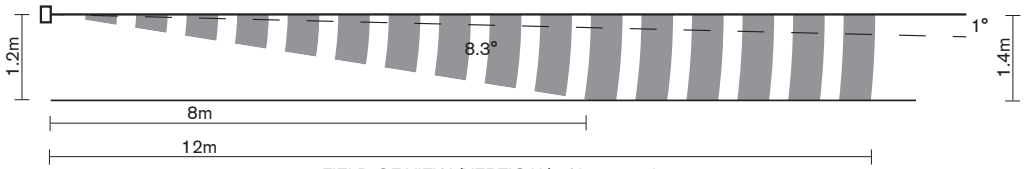
NOTE: Ecopoint does not recommend this sensor is used to switch/control inductive loads.

Specifications subject to change without notice.



FIELD OF VIEW (HORIZONTAL) - Not to scale

Description	Product Code
Wall Mounted 3 Way Sensor Switch	ESSDF3S



FIELD OF VIEW (VERTICAL) - Not to scale

Hospital Bedhead Light

A modern, robust bedhead light providing excellent price performance. The fitting features an uplight, night light and reading light all with independent switching. The light is esecially suitable for hospital applications with a long-life expectancy and instant on non-flicker operation.

APPLICATIONS

Specially designed for Hospitals, Rest Homes, Motels, Hotels

SPECIFICATIONS

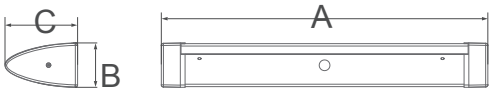
Power Factor	≥0.93
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	≥80
Input Voltage	100 - 277
Hertz	50 - 60
Working Temp (°C)	-20 to +40
Storage Temp (°C)	-40 to +85
IP Rating	20
Light Output Angle	120°

Specifications subject to change without notice.

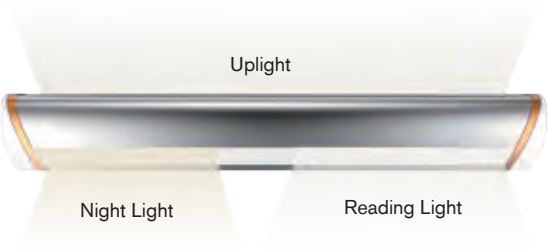
FEATURES

- Energy efficient
- 50,000 hours to L70
- 5 year warranty
- Simple installation through body wiring
- SAA approved
- Instant On/Off flicker free operation
- No UV output
- RoHS compliant

5 WARRANTY YEARS



Model No.	Size A(mm)	Size B(mm)	Size C(mm)
EHBED4K3WAY	700	92	153



Product Code		Power (W)	Light Source	LED QTY (pcs)	CCT (K)	Frosted Cover Lumens		CRI	Beam Angle
EHBED4K3WAY	NIGHT LIGHT	2	2835	24	3000	170	85	>80	120
	READING LIGHT	6	2835	72	4000	510	85	>80	120
	UPLIGHT	12	2835	132	4000	1020	85	>80	120

Cyanosis Medical Lighting

Ecopoint's Cyanosis Tube is specifically designed for hospital operating theatres. Developed in a sleek 26mm diameter body (identical to a T8 fluorescent tube) with an efficient aluminium heat sink, choice of frosted or clear lens, superior lumens-per-watt output, lockable rotating end-caps and proven Ecopoint build quality.

The Ecopoint Cyanosis tube is powered via an external Meanwell 1-10V dimming driver configured as three tubes per driver. Available with integrated drivers in non-dimming versions. Other options include T5 and LED Panels.

FEATURES

- Instant On/Off, flicker free operation
- Frosted lens tubes are direct replacements for exposed fluorescent tubes
- Clear lens tubes offer increased lumen output for installation behind diffusers (i.e. in troffers)
- Reduced carbon footprint
- AUS/NZ Cyanosis and Safety Standard Approved
- 180° Rotating lockable end caps
- Safety wired isolated fuse end
- 26mm Ø T8 form factor
- Aluminium heat sink
- Shatter-proof PC lens
- No UV output
- Mercury free
- Simple retrofit
- 5 Year Warranty

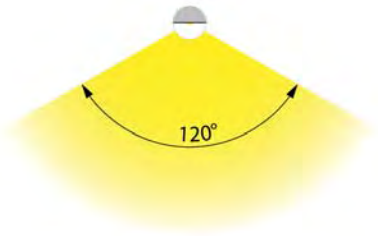
APPLICATIONS

Operating Theatres / Triage

SPECIFICATIONS

Power Factor	≥0.93
Tube Ø (mm)	26
Life Prediction (hrs)	50,000 (L70)
Colour Index (Ra)	>90
Input Voltage	100 - 277
Hertz	50 - 60
Working Temp (°C)	-20 to +40
Storage Temp (°C)	-40 to +85
Rotating End Cap	Yes

Specifications subject to change without notice.



5 WARRANTY YEARS

CLEAR LENS

Product Code	Length (mm)	Colour Temperature (Kelvins)	Replaces Fluro Temp	Wattage of Tube	Number of LEDs per Tube	Flux (LM)	LM/Watt
EHCCY41200*	1200	4000	84	20	196	2300	115

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ecopoint
LED Lighting