

**littil** = **big** difference



# PRODUCT CATALOGUE





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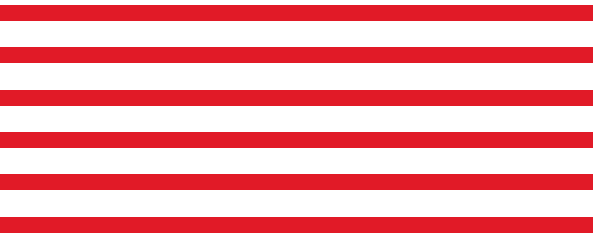
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# OUR TECHNOLOGY

**littil is proud to lead the lighting industry in technical innovation.**

Our technology focuses on two pivotal principles:

## PRO PROFESSIONAL LIGHT ADJUSTMENT



**Precision  
Dimming**

Focuses light output exactly where you want it, how you want it



**IntelliSense**

Super intelligent daylight monitoring & sensor enabled



**Pro-Focus**

Focuses & adjusts light output according to your specific requirements



**Pro-Beam**

Provides light to cover vast areas



**Pro-Vision**

Low glare lenses for seamless integration into your environment



**Pro-Colour**

High CRI brings colours to life



**Pro-Shine**

360° beam angle for light in every direction



# SENTINEL

## SAFETY IN DESIGN



CoolTech

Lowest operating temperatures to maximise lifetime



NanoTech

Ultrathin, lightweight design



FlexiTech

Endless applications with multiple mounting options and finishes



Shield X

Powder coated for ultimate durability



Dual Protect

Double fuse protection



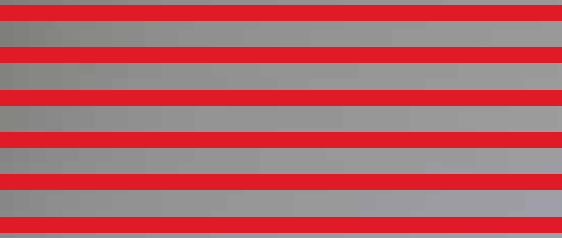
Weatherproof

IP65 rated for water, corrosion and dust proofing



HeatTech

Built to operate under high temperature



# SECTION



A photograph of a modern building interior, likely a lobby or atrium, featuring a ceiling with numerous recessed downlights. The lighting is bright and even, illuminating the space. The building's architecture includes glass railings and a polished floor. A red vertical bar is positioned on the left side of the image, partially overlapping the text.

## OPTIMA

9W and 12W

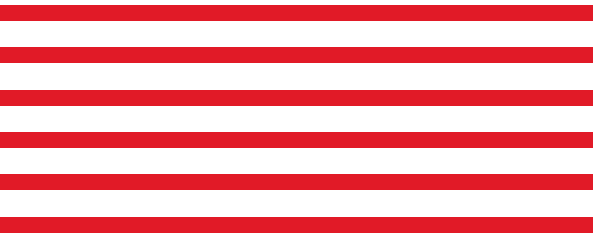
25W and 35W

17W

Internal Series

External Series

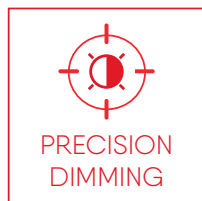
# RECESSED DOWNLIGHTS



# OPTIMA

## 9W/12W RECESSED DOWNLIGHTS

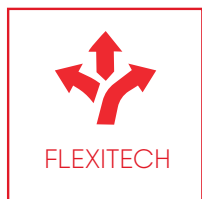
FOR NEW HOME OR RENOVATION INSTALLATIONS



PRECISION DIMMING



PRO-FOCUS



FLEXITECH



SHIELD X



### APPLICATIONS

This recessed downlight delivers a warm white light conveniently spread at 60°. It has a similar lighting effect compared to the traditional quartz halogen downlight, hence it is suitable for all home or commercial applications. This lamp helps achieve 6 Star efficiency standard requirements for lighting in homes and residential buildings.

### FEATURES & BENEFITS

- 110mm flange available for 90mm cut outs and multiple applications
- Available in 3000K & 4000K to suit your environment
- Dimmable 240V driver on leading/trailing edge dimmers with over 5 years of market proven reliability



9W

12W

**GENERAL**

Model Number	RDLS-9D30-60WH	RDLS-12D30-60WH
Dimensions	90 x 90 mm (cut out 75mm)	
Lighting category	Recessed Downlight	
Lifetime (L70)	36,000 hrs	
Warranty	3 years	
Operating temperature	55°C	

**OPTICAL**

Light output (Lumens)	665 - 720 Lm	750 - 800 Lm
LED Type	CREE	
LED colour temperature	3000K or 4000K	
Full beam angle	60°	
Colour Rendering Index (CRI)	>80	
IES	Picture beam profile	

**ELECTRICAL**

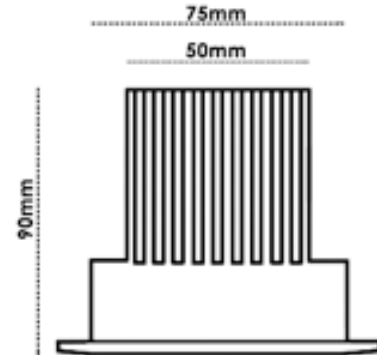
Driver Model Number	TKP-LD9A25C	TKP-LD12A30C
Driver specs	External driver 250mA	External driver 300mA
Voltage	In: 220-240 VAC, 50/60 Hz Out: 25-36 VDC, 250mA	
Power factor	>0.9	
Dimming / dimming system	HPM, CLIPSAL, DETA & LITTIL	

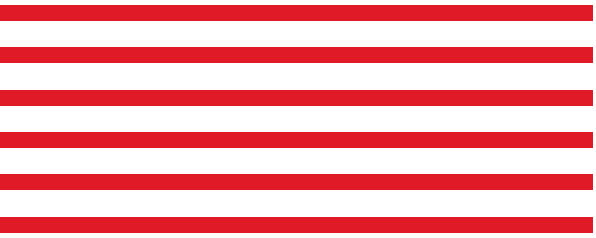
**MECHANICAL**

Cut-out diameter	75mm
Gimballed	No

**OPTIONS**

Lens	Clear
Body material finish	White or silver
Flange	110mm, 140mm or 160mm available
Mounting	Recessed

**COMPLIANCE****DIMENSIONS****TRIM OPTIONS**



# OPTIMA

## 25W/35W RECESSED DOWNLIGHTS

FOR NEW RETAIL OR RENOVATION INSTALLATIONS



FLEXITECH



SHIELD X



**PLUG  
&  
PLAY**



### APPLICATIONS

This recessed COB LED downlight is available in 25W and 35W and is a conscious new approach for innovative builders and retail renovators. Direct replacement for the energy consuming 70W-160W Metal Halide downlights or 96W PLC fixtures. The 35W is the perfect and common 200mm cutout (8") found in public buildings and shopping centres. Zero radiation or interference, this high powered lamp is perfect for over display shelving, centre display bench or retail broad space and shopping malls.

### FEATURES & BENEFITS

- Up to 30° tilt & 358° rotation through gimbal
- External Philips Certadrive lamp driver
- Sturdy mechanical clamps
- COB LED array

**25W****35W****GENERAL**

Model Number	RDL25-40WH	RDL35-40WH
Dimensions (LxW)	172 x 91 mm	225 x 86 mm
Lighting Category	Recessed Downlight	
Lifetime	33,000 hrs	
Warranty	3 years	
Operating Temperature	55°C	

**OPTICAL**

Light Output (Lumens)	3100 Lm	4200 Lm
LED Type	COB LED	
LED Colour Temperature	4000K	
Full Beam Angle	120°	
Colour Rendering Index (CRI)	>80	

**ELECTRICAL**

Driver Specs	Philips Certadrive 30W/38W	
Voltage	In: 220-240 VAC, 50-60 Hz Out: 32-42 VDC, 700 mA	
Power Factor	>0.9	
Dimming	Non-Dimmable	

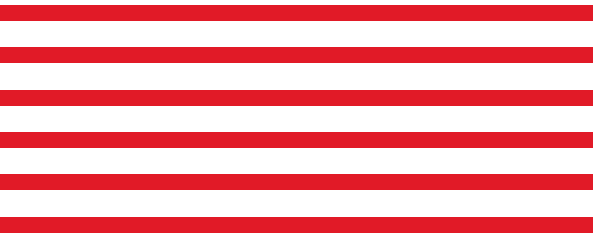
**MECHANICAL**

Gimballed	Centre	
Cut-out Diameter	155 mm	190-200 mm

**OPTIONS**

Lens	Clear	
Body Material Finish	White or Custom-Made Silver	
Flange	Yes	
Mounting	Recessed	

**COMPLIANCE**



# OPTIMA

## FROSTED 17W RECESSED DOWNLIGHTS

FOR NEW HOME OR RENOVATION INSTALLATIONS



PRECISION DIMMING



PRO-BEAM



SHIELD X



### APPLICATIONS

Constant current input LED lamp series is a conscious new approach for innovative builders and home renovators. Replacing the 50W quartz halogen lamps, this recessed downlight series with a frosted cover is perfectly suited for areas that require a passive or indirect flood lighting.

### FEATURES & BENEFITS

- Dimmable on leading and trailing edge dimmers
- 17w will cover up to 4x4m room/floor surface
- Available in 65 x 190 mm or 75 x 240 mm
- CRI >65
- CREE Chip

17W

### GENERAL

Model Number	9343907000591	
Dimensions	65 x 190 mm	75 x 240 mm
Lighting Category	Frosted Recessed Downlight	
Lifetime	50,000 hrs	
Warranty	3 years	
Operating Temperature	55°C	

### OPTICAL

Light Output (Lumens)	1270 - 1350 Lm	
LED Type	CREE	
LED Colour Temperature	3000K or 4000K	
Full Beam Angle	120°	
Colour Rendering Index	>80	

### ELECTRICAL

Voltage	In: 220-240 VAC, 50/60 Hz Out: 21-36 VDC, 110 mA	
Power Factor	0.9	
Dimming	Dimmable	

### MECHANICAL

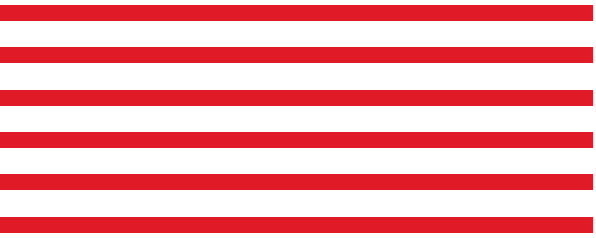
Cut-out Diameter	178 mm	219 mm
Gimballed	No	

### OPTIONS

Lens	Frosted	
Body Material Finish	White	
Mounting	Recessed	

### COMPLIANCE





# OPTIMA

## RECESSED DOWNLIGHTS FROSTED INTERNAL SERIES

FOR NEW HOME OR  
RENOVATION INSTALLATIONS



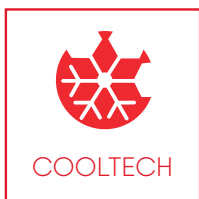
PRECISION  
DIMMING



PRO-VISION



PRO-BEAM



COOLTECH



SHIELD X



### APPLICATIONS

Constant current input LED lamp series is a conscious new approach for innovative builders and home renovators. Replacing the 50W quartz halogen lamps, this recessed downlight series with a frosted cover is perfectly suited for areas that require a passive or indirect flood lighting.

### FEATURES & BENEFITS

- Our engineers design the heatsinks using thermal imaging technology, leaving our products 5°C cooler than the competition.
- With no visible LEDs, the unit integrates seamlessly into any environment.

	8W		10W		13W	
<b>GENERAL</b>						
Model Number	OPT-8W-IND	OPT-8W-E240D	OPT-10W-IND	OPT-10W-E240D	OPT-13W-IND	OPT-13W-E240D
Dimensions	87 x 155mm	87 x 155mm	87 x 115mm	87 x 115mm	108 x 145mm	108 x 145mm
Lighting category	Recessed Downlight					
Lifetime (L70)	36,000 hrs					
Warranty	5 years					
Operating temperature	45°C					

<b>OPTICAL</b>						
Light output (Lumens)	720 - 800 Lm		800 - 870 Lm		1,015-1,110 Lm	
LED Type	SMD					
LED colour temperature	3000K or 4000K*					
Full beam angle	90°					
Colour Rendering Index	>80					

<b>ELECTRICAL</b>						
Driver	Internal					
Voltage	100-240 VAC					
Power factor	>0.9					
Dimming	No					

<b>MECHANICAL</b>						
Cut-out diameter	87mm				108mm	
Gimballed	No					

<b>OPTIONS</b>						
Lens	Frosted					
Body material finish	White**					
Flange	Flat***					
Mounting	Recessed					

**COMPLIANCE**

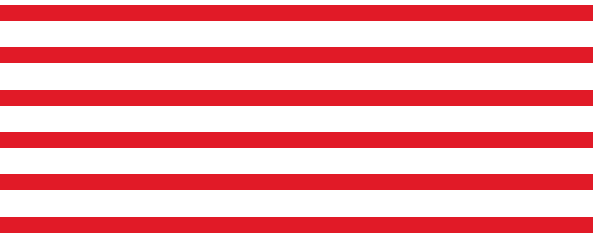


**IC4**

\*5000K/5700K available as custom orders

\*\*Black/Silver finish available as custom orders

\*\*\*Innundated available as custom orders



# OPTIMA

## RECESSED DOWNLIGHTS FROSTED EXTERNAL SERIES

FOR NEW HOME OR  
RENOVATION INSTALLATIONS



### APPLICATIONS

Constant current input LED lamp series is a conscious new approach for innovative builders and home renovators. Replacing the 50W quartz halogen lamps, this recessed downlight series with a frosted cover is perfectly suited for areas that require a passive or indirect flood lighting.

### FEATURES & BENEFITS

- Our engineers design the heatsinks using thermal imaging technology, leaving our products 20°C cooler than the competition.
- With no visible LEDs, the unit integrates seamlessly into any environment.



	8W	10W	16W	22W		
<b>GENERAL</b>						
Model Number	OPT-8W-END	OPT-8W-E240D	OPT-10W-END	OPT-10W-E240D	OPT-16W-END	OPT-22W-END
Dimensions	70 x 90mm and 90 x 110mm		90 x 110mm		150 x 190mm	190 x 220mm
Lighting category	Recessed Downlight					
Lifetime (L70)	36,000 hrs					
Warranty	5 years					
Operating temperature	45°C					

### OPTICAL

Light output (Lumens)	700 - 760 Lm	850 - 950 Lm	1,430 - 1,560 Lm	1,900 - 2,130 Lm
LED Type	SMD			
LED colour temperature	3000K or 4000K*			
Full beam angle	90°			
Colour Rendering Index	>80			

### ELECTRICAL

Driver Product Code	L-OPIO09W-ND-KG-G1	L-OPIO09W-240D-KG-G1	L-OPIO12W-ND-KG-G1	L-OPIO12W-240-KG-G1	L-OPIO18W-ND-KG-G1	L-OPIO24W-ND-KG-G1
Voltage	220-240 VAC					
Power factor	>0.95	>0.92	>0.95	>0.92	>0.95	>0.95
Dimming	No	240V	No	240V	No	No

### MECHANICAL

Cut-out diameter	70 or 90mm	90mm	150 or 190mm	190mm
Gimballed	No			

### OPTIONS

Lens	Frosted				
Body material finish	White**				
Flange	Flat***			Innundated	
Mounting	Recessed				

### COMPLIANCE



**IC-F**

\*5000K/5700K available as custom orders

\*\*Black/Silver finish available as custom orders

\*\*\*Innundated available as custom orders



# SECTION

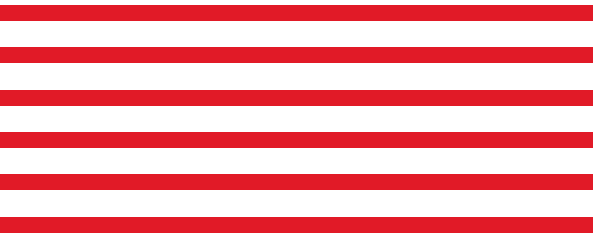




# REPLACEMENT LIGHTS

LAMBENT

GU10 Downlights



# LAMBENT GU10 DOWNLIGHTS

## REPLACING TRADITIONAL GU10 HALOGEN DOWNLIGHTS



### APPLICATIONS

These 4W and 6W 240 Volt LED lamps are a direct replacement for the energy consuming 50W quartz halogen globe. With no electromagnetic interference and zero radiation, they are highly suitable for high-spec galleries and museums, perfect for display counters and retail window boxes.

### FEATURES & BENEFITS

- High Colour Rendering Index >75
- Available also in 12V MR16
- Lifetime of 50,000hrs

4W

6W

**GENERAL**

Model Number	L-LAM4W	L-LAM6W
Dimensions (LxW)	62 x 50 mm	72 x 50 mm
Lighting Category	GU10 Downlight	
Lifetime	36,000 hrs	
Warranty	3 years	
Operating Temperature	55°C	

**OPTICAL**

Light Output (Lumens)	270 Lm	400 Lm
LED Type	COB	
LED Colour Temperature	3000K	
Full Beam Angle	60°	
Colour Rendering Index	>75	

**ELECTRICAL**

Voltage	240 VAC	
Power Factor	0.9	
Dimming	Yes	

**OPTIONS**

Lens	Clear	
Body Material Finish	Silver	
Base	GU10	

**COMPLIANCE**

# SECTION



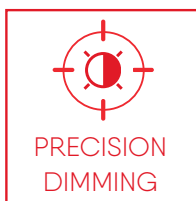


LUMINA  
ARGO  
OSTRO  
ARRAY

# LUMINA

## 2.5W/5W/7W/9W/12W BULBS

REPLACING TRADITIONAL  
40W, 60W, 75W & 100W  
INCANDESCENT GLOBES



2.5W/5W



7W/9W/12W

### APPLICATIONS

Our range of bulbs in various wattages are direct replacements for energy consuming traditional incandescent globes. The bulbs fit the traditional Bayonet and Edison Screw socket, have zero electromagnetic emission and zero interference with other devices. They are perfect for conventional lamp and ceiling fittings.

### FEATURES & BENEFITS

- Epistar SMD LEDs
- Various wattages and sizes available for all applications
- Dimmable options available
- E27 or B22 base options available



	2.5W	5W	7W	9W	12W
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**GENERAL**

Model Number	G60-2.5BC34	G80-5BC34	L-LUM7W	L-LUM9W	L-LUM12W
Dimensions (LxW)	109 x 60 mm	132 x 80 mm			
Lighting Category	LED Bulb				
Lifetime	50,000 hrs				
Warranty	3 years				

**OPTICAL**

Light Output (Lumens)	200 Lm	280 Lm	550 Lm	750 Lm	930 Lm
LED Type	Epistar SMD				
LED Colour Temperature	3400K		3000K		
Full Beam Angle	120°				
Colour Rendering Index	>70	>75			
Lamp Efficiency	85 Lm/W	60 Lm/W	60 Lm/W		

**ELECTRICAL**

Voltage	240 VAC				
Power Factor	0.8				
Dimming	Non-Dimmable	Non-Dimmable	Dimmable	Dimmable	Non-Dimmable

**MECHANICAL**

Gimballed	No				
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**OPTIONS**

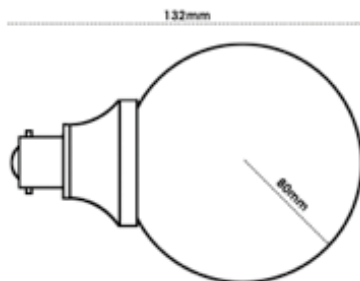
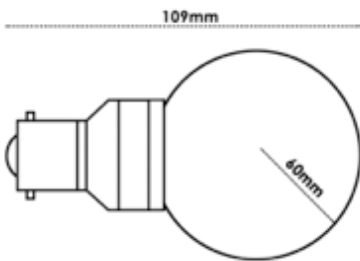
Base	E27 or B22				
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**COMPLIANCE**



\*Only the 2.5W/5W are VEEC & ESC Approved

**DIMENSIONS**



**BASE OPTIONS**



# LUMINA

## 3W CANDLE BULBS

### REPLACING TRADITIONAL 40W CANDLE BULBS



### APPLICATIONS

This 3W 240 VAC lamp is a direct replacement for the energy consuming 40W traditional incandescent candle globes. The bulb has zero electromagnetic emission and zero interference with other devices and also fits all traditional bayonet and screw sockets. Perfect for chandeliers or light fittings with exposed globes that need to look attractive.

### FEATURES & BENEFITS

- Classic candle style
- Four socket options available (standard and mini)

3W

### GENERAL

Model Number	L-LUM3W
Dimensions (LxW)	107 x 32 mm
Lighting Category	C35 Candle Bulb
Lifetime	50,000 hrs
Warranty	3 years

### OPTICAL

Light Output (Lumens)	200 Lm
LED Type	16 SMD
LED Colour Temperature	3000K
Full Beam Angle	120°
Colour Rendering Index	>70

### ELECTRICAL

Voltage	240 VAC
Power Factor	0.8
Dimming	Dimmable Option Available

### MECHANICAL

Gimballed	No
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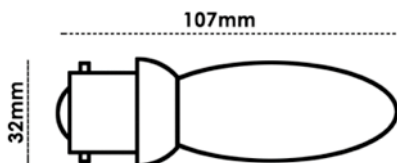
### OPTIONS

Base	E27	B22	E14	B15
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### COMPLIANCE

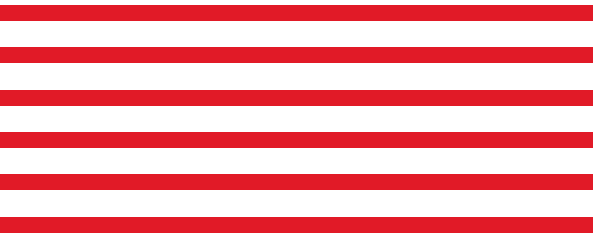


### DIMENSIONS



### BASE OPTIONS





# LUMINA

## G24 LED PLC BULB

### REPLACING 18W-26W TRADITIONAL CFL LAMPS



*To see 360 degree rotations  
of this product visit [littil.com.au](http://littil.com.au)*






### APPLICATIONS

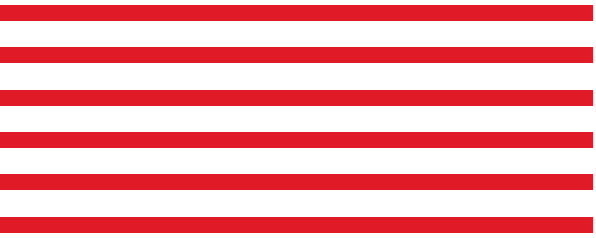
At last a LED replacement for the G23/24 CFL Lamps. This universal G24 socket will fit nearly all existing G23/24 sockets in both 2 & 4 pins. Plug and play in iron core ballasts (must remove capacitor if fitted) or take the 240 VAC mains supply directly to the lampholder for electronic ballasts. Ideal for all recessed commercial fittings in council buildings, libraries and nursing homes.

Available in 8W and for custom-order in 10W, 13W & 15W.

## FEATURES & BENEFITS

- Universal socket
- Frosted lens cover
- Versatile and innovative

	8W	10W	13W	15W
<b>GENERAL</b>				
Model Number	G24-8W40	G24-10W40	G24-13W40	G24-15W40
Dimensions (Length)	144 mm	166 mm	201 mm	
Lighting Category	G24 Bulb			
Lifetime	40,000 hrs			
Warranty	3 years			
<b>OPTICAL</b>				
Light Output (Lumens)	790 Lm	900 Lm	1000 Lm	1200 Lm
LED Type	SMD			
LED Colour Temperature	4000 – 4500K			
Full Beam Angle	360°			
Colour Rendering Index	>80			
<b>ELECTRICAL</b>				
Voltage	100 – 240 VAC 50/60Hz			
Power Factor	0.9			
Dimming	Non-Dimmable			
<b>OPTIONS</b>				
Lens	Frosted			
Base	8W available in E27 base			
<b>COMPLIANCE</b>				
    				



# ARGO CORN LIGHT

## REPLACING TRADITIONAL 50W – 500W METAL HALIDES



PRO-BEAM



PRO-COLOUR



PRO-SHINE



COOLTECH



*To see 360 degree rotations  
of this product visit [littil.com.au](http://littil.com.au)*

### APPLICATIONS

This LED Corn Lamp is available in 20W, 30W, 50W, 60W, 70W, 100W, 120W and 150W and is a direct replacement for 50W – 500W Mercury Vapour & Metal Halide Lamps. Providing a full 360° beam angle, this light leaves no under-illuminated areas.

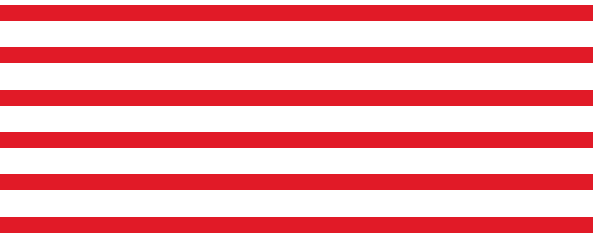
40W+ lamp models come with active air fan cooling, speeding up heat dissipation. Ideal for street, high bay, post lamp, lowbay and droplight fixtures in both indoor and outdoor environments. Ideal alternatives to high bays in warehouse and industrial spaces.

## FEATURES & BENEFITS

- The **most cost effective** alternative to replacing entire high bay fixtures.
- IP20 rated (IP40 optional)
- Wire insulated base
- Meanwell drivers for 100W, 120W and 150W lamp models
- Sunon fan for 40W+ lamp models
- Aluminium heatsink
- Easy retrofit with a wide range of sizes in E27 & E40 caps

	20W	30W	50W	70W	100W	120W	150W
<b>GENERAL</b>							
Model Number	LSCB-20WXY	LSCB-30WXY	LSCB-50WXY	LSCB-70WXY	LSCB-100WXY-E	LSCB-120WXY-E	LSCB-150WXY-E
Dimensions (WxH mm)	105 x 177	105 x 182	105 x 221	105 x 283	128 x 282	128 x 307	128 x 332
Lighting Category	Bulbs						
<b>OPTICAL</b>							
Lumens	2,721	4,020	6,434	10,034	13,201	15,715	20,598
LED Type	2835 White SMD LED						
LED Colour Temperature	5000K or 6000K						
CRI	> 80						
<b>ELECTRICAL</b>							
Driver Type	Internal Driver				External MEANWELL Driver		
Voltage	In: 100-240 VAC 50/60 Hz Out: 30-34 VDC, 9.2A Max						
Power Factor	0.94	0.97	0.98	0.98	0.97	0.98	0.97
Dimming	1 - 10V external dimming available						
Sensor Capability	Yes						
Base	E27 or E40				E40		
<b>OPTIONS</b>							
Various CCT Available	Also available in 3000K, 4000K & 5000K						
Cover	Available with custom made milky cover or IP40 cover						
<b>COMPLIANCE</b>							





# OSTRO

## LED OYSTER LIGHT

### REPLACING TRADITIONAL 55W FLUORESCENT FITTINGS



### APPLICATIONS

Our constant current input LED Oyster lamp series is a new approach for innovative commercial builders and office renovators. It comfortably replaces a 55W Fluorescent circular tube.

The surface mounted Oyster light series consumes only 18W-25W of power – perfect for areas that require a passive or indirect dimmable flood light.

### FEATURES & BENEFITS

- Easy to install with our quick connect mounting bracket
- IP54 rated with high density silica rubber ring protection
- 15W will cover up to 4x4m room/space
- Slim profile
- Available in 300mm & 350mm



	<b>18W</b>	<b>25W</b>
--	------------	------------

**GENERAL**

Model Number	L-OYS18W	L-OYS25W
Dimensions (WxH)	300 x 40 mm	350 x 40 mm
Lighting Category	Oyster	
Lifetime	36,000hrs	
IP Rating	IP54	
Warranty	3 years	

**OPTICAL**

Light Output (Lumens)	1350 Lm	1420 Lm	2490 Lm
LED Colour Temperature	3000K	4000K	
Full Beam Angle	120°		
Colour Rendering Index	>80		

**ELECTRICAL**

Voltage	200-240 VAC, 30 Hz		
Power Factor	>0.9		
Dimming	Dimmable option available		

**MECHANICAL**

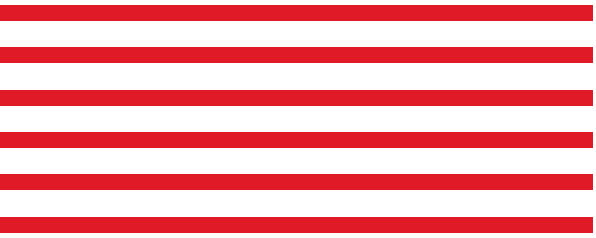
Cut-Out	300 mm	350 mm
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**OPTIONS**

Lens	Frosted Lens
Trim	White

**COMPLIANCE**

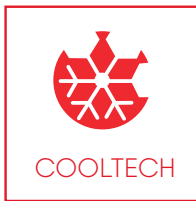




# ARRAY

## RECTANGULAR LED RETAIL DISPLAY LIGHT

REPLACING 70W-150W METAL HALIDE LAMPS



### APPLICATIONS

Our rectangular LED Retail Display Light is available in 40W. It offers zero radiation or interference and is perfect for over display shelving, centre display benches or broad retail spaces.

### FEATURES & BENEFITS

- High colour rendering index > 73 to replicate natural daylight
- The perfect retail display lighting solution

40W

### GENERAL

Model Number	RD40-40W
Dimensions (LxWxH)	265 x 225 x 105 mm
Lighting Category	Retail Display Light
Lifetime	36,000 hrs
Warranty	3 years

### OPTICAL

Light Output (Lumens)	4600 Lm
LED Type	CREE
LED Colour Temperature	5000K
Full Beam Angle	85°
Colour Rendering Index	>80

### ELECTRICAL

Voltage	In: 220-240, 30/60 Hz Out: 32-42 VDC, 0.21A
Power Factor	>0.9
Driver Type	External
Dimming	Non-Dimmable

### MECHANICAL

Gimballed	Side
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### COMPLIANCE





# SECTION

## VIVA

LED Troffers

Air Return Troffers

## POLAR

Panel Lights



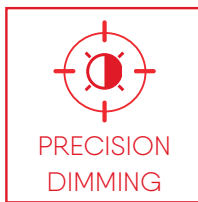
# TROFFERS



# VIVA

## LED TROFFERS

### REPLACING 86W TWIN T8 FLUORESCENT FITTINGS



#### APPLICATIONS

Constant current input 32W LED lamp, direct replacement for the energy consuming 86W twin 1200x 300mm, 600x300mm or 1200x600mm light fitting. Troffer and driver combined consume only 32/64 Watts with zero radiation or interference. One of our most versatile products, LED troffers are suitable for every clear span, suspended or subdivided commercial or public area ceiling.

#### FEATURES & BENEFITS

- Unique optical design with lumen output ratio of 90%
- Kit available for Recessed/Surface mounted installation
- Inclusive driver with flexible cord, plug and play
- Suits simple and complex applications with dimmable and DALI options backed by Philips Xitanium drivers

**GENERAL**

Model Number	LED32TROF 600x600D60	LED32TROF 1200x300D60
Dimensions (mm)	600 x 600	1200 x 300
Lighting Category	Linear	
Lifetime	36,000 hrs	
Warranty	3 years	

**OPTICAL**

Light Output (Lumens)	2700 Lm	2750 Lm	2800 Lm
LED Type	Linear		
LED Colour Temperature	4000K	5000K	6000K
Full Beam Angle	120°		
Colour Rendering Index	>85		

**ELECTRICAL**

Wattage	32W		
Driver Type	littil LED, Philips Certadriver Driver or DALI Philips Xitanium Driver		
Voltage	In: 220-240 VAC, 50/60 Hz Our: 32-42 VDC, 700mA		
Power Factor	>0.9		
Dimming	Dimmable and Dali Optional		

**OPTIONS**

Low COI	Custom designed low COI available
Wattages	Available in 16W 600 x 300 and 64W 1200 x 600
Mounting	Surface mount and plaster recess kits available

**COMPLIANCE**

\*1200x300 & 600x600 with littil LED driver are VEEC and ESC approved

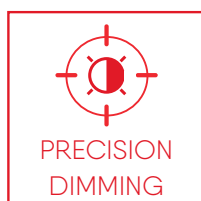
**NEW COI Hospital Troffer**

- 32W 1200 x 300mm Troffer in 4000K, 5000K or 6000K
- Low Cyanosis Observation Index (COI) of 1.4 compliant to Australian Standard 1680.2.5
- 2111 Lms

# VIVA

## AIR RETURN TROFFER

### REPLACING 86W TWIN T8 FLUORESCENT FITTINGS



*To see 360 degree rotations  
of this product visit [littil.com.au](http://littil.com.au)*

### APPLICATIONS

Constant current input 32W LED Lamp, direct replacement for the energy consuming 86W twin 1200x300 mm, 600x600 mm, 600x300 mm or 1200x600 mm light fitting. Troffer and driver combined consume only 32W, with zero radiation or interference. Suitable for every clear span, suspended or subdivided commercial or public area ceiling.



## FEATURES & BENEFITS

- **Air return into empty ceiling and AC boot connection**
- Unique optical design with lumen output ratio of 90%
- Up to 2800 Lm
- **Philips Certadriver driver, non-dimmable**
- Kit available for Recessed/Surface mounted installation
- Flexible cord/AU mains plug connected to driver

30W

### GENERAL

Model Number	LED Troffer 500x500 AIR with 30W Philips Certadriver	LED Troffer 1200x300 AIR with 30W Philips Certadriver
Dimensions (LxW)	500 x 500	1200 x 300
Lighting Category	Linear	Linear
Lifetime	36,000 hrs	
Warranty	3 years	

### OPTICAL

Light Output (Lumens)	2700 - 2800 Lms
LED Colour Temperature	Available in 4000K, 5000K and 6000K
Full Beam Angle	120°
Colour Rendering Index	>85

### ELECTRICAL

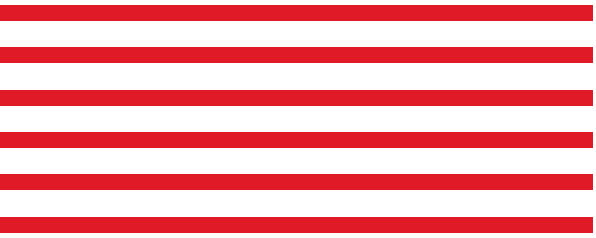
Driver Type	CertaDrive 30W 0.7A 42V I 230V
Voltage	In: 220-240 VAC, 50/60 Hz Out: 32-42 VDC, 700mA
Power Factor	>0.9
Dimming	Dimmable and Dali Options

### OPTIONS

Lens	Frosted (Opal)
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### COMPLIANCE

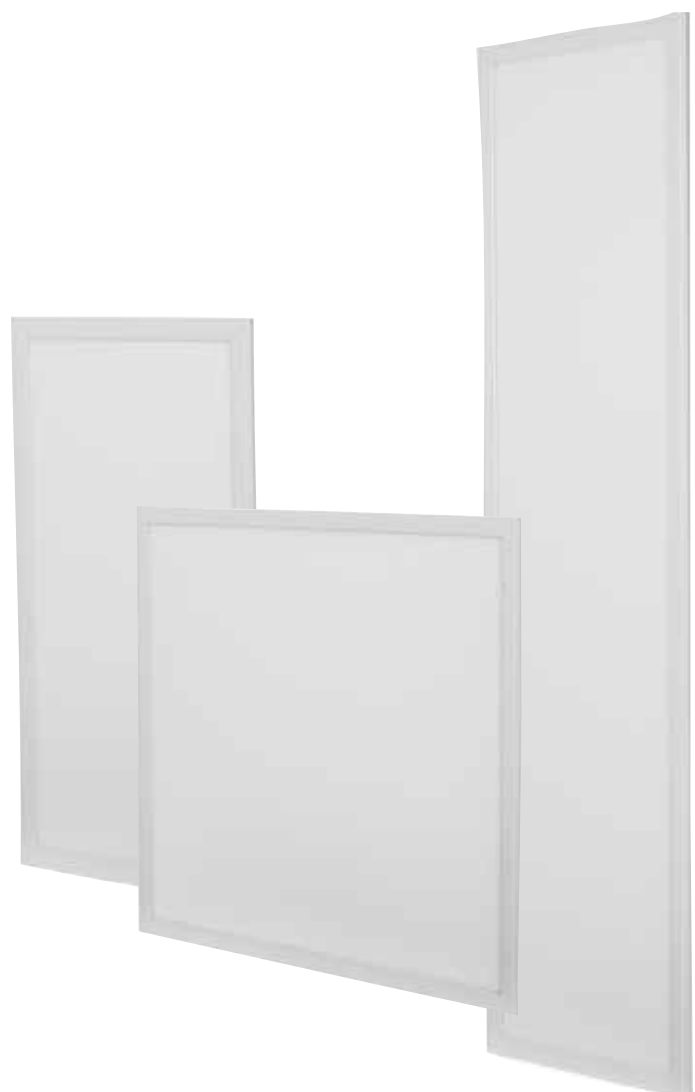
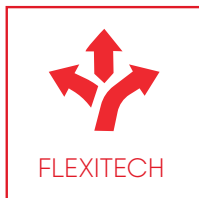
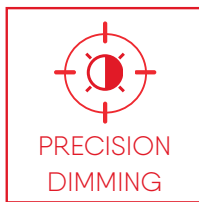




# POLAR

## LED PANEL LIGHTS

### REPLACING 86W TWIN T8 FLUORESCENT FITTINGS



### APPLICATIONS

Our slim design LED panel lights are a direct replacement for the energy consuming 86W twin T8 fluorescent fittings. They can be embedded in ceilings, surface mounted or suspended from the ceiling. They are suitable for every clear span in commercial or public area lighting.

## FEATURES & BENEFITS

- 9mm panel thickness
- Light weight, quick and easy to install
- Flexible cord/ AU mains plug attached to driver
- **Philips Certadriver driver, non-dimmable**

30W

### GENERAL

Model Number	L-PAN30WPC	
Dimensions (mm)	600x600	1200 x 300
Lighting Category	Panel	
Lifetime	36,000 hrs	
IP Rating	IP20	
Warranty	5 years	

### OPTICAL

Light Output (Lumens)	2250 Lm	2500 Lm	2450 Lm	2660 Lm	2640 Lm	2620 Lm
LED Colour Temperature	4000K	5000K	6000K	4000K	5000K	6000K
Full Beam Angle	110°					
Colour Rendering Index	>80					

### ELECTRICAL

Driver Type	Philips 30W Certadriver
Voltage	In: 220–240 VAC, 50/60 Hz Out: 32–42 VDC, 700mA
Power Factor	>0.9
Dimming	Non-Dimmable

### OPTIONS

Trim	White
Wattages	Also available in 15W 600 x 300 mm and 1200 x 600mm
Mounting	Surface mount and plaster recess kits available

### COMPLIANCE





# SECTION

## FORTIS

T8 LED Tubes

T8 LED Battens

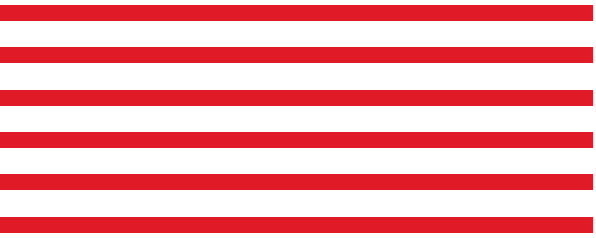
Tri-Proof Battens

T8 LED Battens & Diffusers

IP65 LED Battens & Diffusers

# TUBES

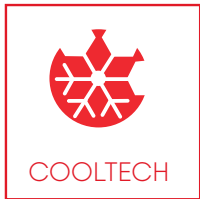




# FORTIS

## T8 LED TUBES

### REPLACING TRADITIONAL 36W FLUORESCENT TUBES



*To see 360 degree rotations  
of this product visit [littil.com.au](http://littil.com.au)*




### APPLICATIONS

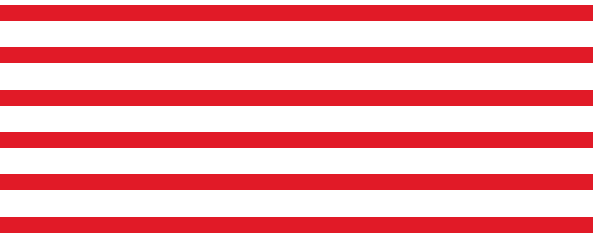
15 Watt T8 LED tube, direct replacement for the energy consuming T8 36W fluorescent tubes. Consumes only 15 Watts of power, with zero radiation, highly suitable for spaces that require a uniform, high definition light source.

Ideal for offices, industrial applications, clear span retail and indoor public areas.

## FEATURES & BENEFITS

- Hongli SMD light source
- Single end wired
- Internal & external HRC compliant fuses for **double protection**
- Colour consistency SDCM: <5 MacAdam steps
- **CRI > 80**
- **AS/NZS 60598.1 & 60598.2.1 compliant**
- **50,000hr lifetime & 5-year warranty**
- Available in clear and frosted lenses

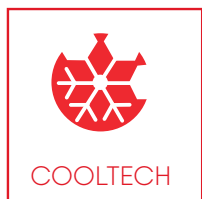
	9W	15W	18W	22W				
<b>GENERAL</b>								
Model Number	S-T809W600	S-T815W1200	S-T818W1200	S-T822W1500				
Dimensions (Length)	600 mm	1200 mm	1200 mm	1500mm				
Lighting Category	Linear							
Lifetime	50,000 hrs							
Warranty	5 years							
<b>OPTICAL</b>								
Lens	Clear	Frosted	Clear	Frosted	Clear	Frosted	Clear	Frosted
Lumens	1180 Lm	1050 Lm	1950 Lm	1750 Lm	2350 Lm	2100 Lm	2950 Lm	2700 Lm
LED Type	Hongli							
LED Colour Temperature	4000K or 5000K							
<b>ELECTRICAL</b>								
Driver Type	Internal							
Voltage	100-240 VAC, 50/60 Hz							
Power Factor	0.95							
Dimming	Non-Dimmable							
<b>OPTIONS</b>								
Lens	Clear or Frosted Lenses available							
<b>COMPLIANCE</b>								
  								



# FORTIS

## T8 LED BATTENS

### REPLACING TRADITIONAL 36W T8 FLUORESCENT BATTENS



*without cage*



*with cage*

### APPLICATIONS

Our T8 LED Battens comes complete with VEEC approved tubes in either clear or frosted lens and are available in 1200 mm single, 1200 mm double, 600 mm single and 600 mm double fittings. They are made of heavy gauge cold rolled steel with ballast cover locked by tool-less screws for quick inspection. Easy for lamp replacement and no maintenance required.

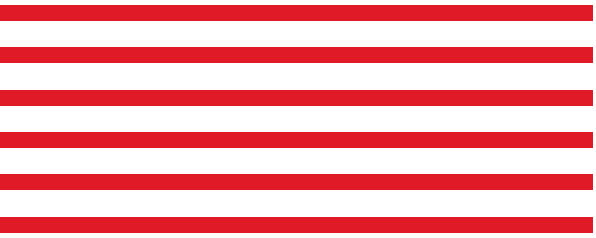


## FEATURES & BENEFITS

- Hongli SMD light source
- Double protection with dual fuse design
- Long lifetime from engineered and proven CoolTech temperature control technology
- Available with clear or frosted lens T8 tubes
- **AS/NZS 60598.1 & 60598.2.1 compliant**
- **Available with/without cage**

	10W	15W	20W	30W
<b>GENERAL</b>				
Model Number	LEDBAT600S10WDF	LEDBAT1200S15WDF	LEDBAT600D20WDF	LEDBAT1200D30WDF
Dimensions (Length)	600 mm	1200 mm	600 mm	1200 mm
Lighting Category	Linear			
Lifetime	50,000 hrs			
Warranty	5 years			
<b>OPTICAL</b>				
Light Output (Lumens)	1180– 5400 Lms			
LED Type	SMD			
LED Colour Temperature	5500K			
Full Beam Angle	120°			
Colour Rendering Index	>80			
<b>ELECTRICAL</b>				
Voltage	100–240 VAC, 30/60 Hz			
Power Factor	0.95			
Dimming	Non-Dimmable			
<b>OPTIONS</b>				
Cage	Available with/without cage			
<b>COMPLIANCE</b>				

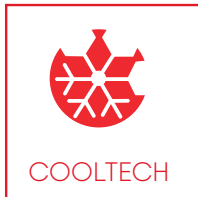




# FORTIS

## T8 LED BATTEN & DIFFUSER

### REPLACING TRADITIONAL 36W FLUORESCENT TUBES



### APPLICATIONS

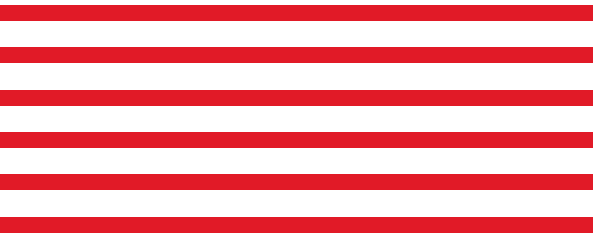
Our T8 LED Batten & diffuser fitting comes complete with VEEC approved tubes in either clear or frosted lens and is available in 1200 mm single, 1200 mm double, 600 mm single and 600 mm double fittings. Heavy gauge rolled steel caps lock diffuser into position. Ballast cover is locked by tool-less screws for quick inspection. Easy for lamp replacement and no maintenance required.

## FEATURES & BENEFITS

- Hongli SMD light source
- Double protection with dual fuse design
- Long lifetime from engineered and proven CoolTech temperature control technology
- Available with clear or frosted lens T8 tubes
- **AS/NZS 60598.1 & 60598.2.1 compliant**
- Available in 5500K

	10W	15W	20W	30W
<b>GENERAL</b>				
Model Number	LEDBAT600S10WCG	LEDBAT1200S15WCG	LEDBAT600D20WCG	LEDBAT1200D30WCG
Dimensions (Length)	600 mm	1200 mm	600 mm	1200 mm
Lighting Category	Linear			
Lifetime	50,000 hrs			
Warranty	5 years			
<b>OPTICAL</b>				
Light Output (Lumens)	11180– 5400 Lms			
LED Type	SMD			
LED Colour Temperature	4000K, 5000K, 6000K			
Full Beam Angle	120°			
Colour Rendering Index	>80			
<b>ELECTRICAL</b>				
Voltage	100–240 VAC, 50/60 Hz			
Power Factor	0.93			
Dimming	Non-Dimmable			
<b>OPTIONS</b>				
Lens	Clear or Frosted			
<b>COMPLIANCE</b>				

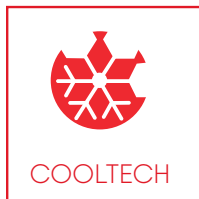




# FORTIS

## IP65 LED BATTEN & DIFFUSER

### REPLACING TRADITIONAL 36W FLUORESCENT TUBES






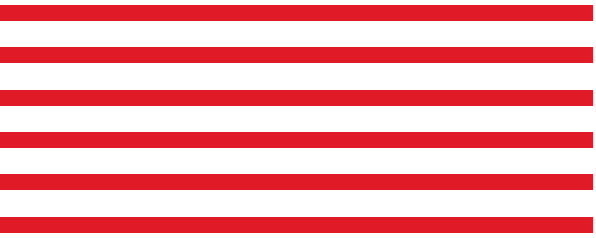
### APPLICATIONS

Our IP65 Batten & Diffuser fitting comes with VEEC approved tubes in either clear or frosted and is available in 1200 mm single, 1200 mm double, 600 mm single and 600 mm double fittings. Easy release stainless steel clips and clearly marked single ended wired tombstones. Heavy duty diffuser and quick release inspection cover with tamperproof diffuser tabs.

## FEATURES & BENEFITS

- Hongli SMD light source
- Epistar SMD light source
- Double protection with dual fuse design
- Long lifetime from engineered and proven CoolTech temperature control technology
- **AS/NZS 60598.1 & 60598.2.1 compliant**
- IP65 Rated
- Available in 5500K

	10W	15W	20W	30W
<b>GENERAL</b>				
Model Number	LEDBAT600S10WIP65	LEDBAT1200S15WIP65	LEDBAT600D20WIP65	LEDBAT1200D30WIP65
Dimensions (Length)	600 mm	1200 mm	600 mm	1200 mm
Lighting Category	Linear			
Lifetime	50,000 hrs			
Warranty	5 years			
<b>OPTICAL</b>				
Light Output (Lumens)	1180– 5400 Lms			
LED Type	SMD			
LED Colour Temperature	4000K, 5000K, 6000K			
Full Beam Angle	120°			
Colour Rendering Index	>80			
<b>ELECTRICAL</b>				
Voltage	100-240 VAC, 50/60 Hz			
Power Factor	0.93			
Dimming	Non-Dimmable			
<b>OPTIONS</b>				
Lens	Clear or Frosted			
<b>COMPLIANCE</b>				
  				



# FORTIS

## IP65 TRI-PROOF LED BATTEN

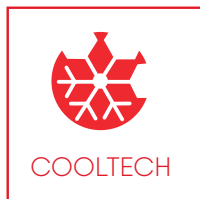
WHERE WATERPROOF, DUST PROOF & CORROSION PROOF LIGHTING IS NECESSARY



PRO-VISION



PRO-COLOUR



COOLTECH



NANOTECH



FLEXITECH



IP65 RATED



*To see 360 degree rotations of this product visit [littil.com.au](http://littil.com.au)*

### APPLICATIONS

This IP65 LED tri-proof light is widely used in retail stores, semi-outdoor ceilings, workshops, agriculture sheds, car parks, public places & food processing factories.

The high energy efficiency light source and constant current output design, greatly improve the fixture's life span.

## FEATURES & BENEFITS

- Surface mounted, recessed and hanging options available
- Top and side cable exit options to suit your application
- Versatile, all-in-one **stream line body** with high-density silicon rubber sealing ring protection
- **Unique PVC material** and **stainless steel mounting clips** for easy installation

	15W			35W			43W		
<b>GENERAL</b>									
Model Number	TriLED15-600			TriLED35-1200			TriLED43-1500		
Dimensions (mm)	640 x 124 x 43			1200 x 124 x 43			1500 x 124 x 43		
Lighting Category	Linear								
Lifetime	35,000 hrs								
IP Rating	IP65								
Warranty	3 years								
Operating Temperature	40°C								
<b>OPTICAL</b>									
Light Output (Lumens)	1440 - 1500 Lm			3600 - 3700 Lm			4340 - 4450 Lm		
LED Colour Temperature	3000K	4000K	6000K	3000K	4000K	6000K	3000K	4000K	6000K
Full Beam Angle	120°								
Colour Rendering Index	>80								
Lamp Efficiency	100 Lm/W								
<b>ELECTRICAL</b>									
Voltage	220 - 240 VAC, 50/60 Hz								
Power Factor	>0.9								
Dimming	Non-Dimmable								
<b>OPTIONS</b>									
Lens	Frosted Opal								
Trim	White								
<b>COMPLIANCE</b>									





# SECTION



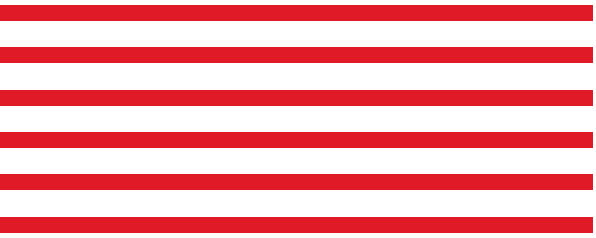




# FLOODLIGHTS

NIMMO

LED Floodlight Range



# NIMMO

## LED FLOODLIGHT RANGE

REPLACING 50W TO 2000W  
FLOOD LIGHTS



*To see 360 degree rotations  
of this product visit [littil.com.au](http://littil.com.au)*

### APPLICATIONS

Waterproof LED Flood Light in 10W-1,000W, a direct replacement for the energy consuming 50W-2,000W Metal Halide Flood Lamps.

Zero radiation or interference, this high powered lamp is perfect for commercial applications such as sports grounds and stadiums.

## FEATURES & BENEFITS

- Available in 3000K or 5000K
- High performance pipe efficiently dissipates heat
- Patented **zipped-fin technology**
- Waterproof respirator – avoids fogging and condensation
- **MEANWELL** driver
- Long 1m flex cable for easy installation

	10W	20W	30W	50W	70W	100W	150W	200W	400W	500W	1000W
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### GENERAL

Model Number	L-NIM10W	L-NIM20W	L-NIM30W	L-NIM50W	L-NIM70W	L-NIM100W	L-NIM150W	L-NIM200W	L-NIM400W	L-NIM500W	L-NIM1000W
Dimensions (mm)	159 x 132 x 53	203 x 176 x 64	219 x 191 x 64	282 x 220 x 113	282 x 220 x 117	310 x 268 x 182	365 x 298 x 187	465 x 344 x 197	436 x 416 x 300	439 x 419 x 337	534 x 436 x 497
Category	Floodlights										
Lifetime	36,000 hrs										
IP Rating	IP65										
Warranty	3 years										
Operating Temperature	45°C										

### OPTICAL

Output (Lms)	775 Lms	1799 Lms	2632 Lms	4532 Lms	6388 Lms	9125 Lms	13660 Lms	18863 Lms	40000 Lms	50000 Lms	100000 Lms	
LED Type	Epistar								CREE			
LED Colour Temperature	3000K or 5000K											
Full Beam Angle	120°								25°, 45°, 60°, 90°, 100°			
CRI	>80											

### ELECTRICAL

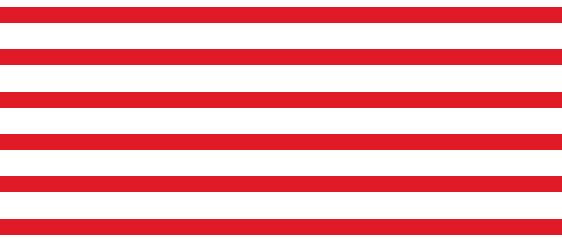
Voltage	100-240 VAC, 30/60 Hz										
Power Factor	0.9										
Dimming	Non-Dimmable										

### OPTIONS

Lens	Clear										Frosted
Trim	Black										
CCT	4000K or 6000K available custom order										

### COMPLIANCE





# SECTION

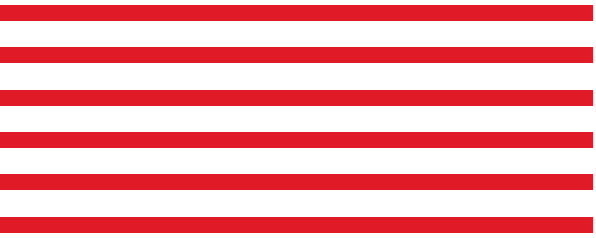


ZETTA

LED Highbay Range

# HIGHBAY

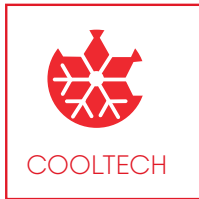
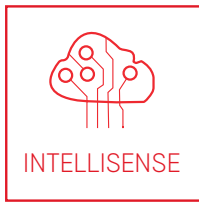




# ZETTA

## LED Highbay Range

### REPLACING TRADITIONAL METAL HALIDE AND MERCURY VAPOUR LAMPS



*To see 360 degree rotations of this product visit [littil.com.au](http://littil.com.au)*

### APPLICATIONS

Constant current input LED light with a power range from 100W to 200W, direct replacement for the energy consuming 200 to 400W Mercury vapour or Metal Halide lamps.

Emits a light beam in conventional cool white light, with a light beam spread between 50° and 120° depending on the lens plate choice. Ideal luminaire for all industrial, warehouse or covered spaces.

## FEATURES & BENEFITS

- Suspended – variable length
- Suitable for multi strike application
- Quality internal MEANWELL driver with mains socket
- Quality **NICHIA** chips
- Ultra-low glare diffuser available
- 66%+ energy savings
- Multiple beam angles to suit application
- **CRI >70**

## **NEW** BOLT-ON SENSOR



- Daylight-harvesting maximises ambient light
- Motion sensing and dynamic dimming
- Adds up to 80% efficiency to LED Highbays

100W

120W

150W

200W

240W

300W

### GENERAL

	100W	120W	150W	200W	240W	300W
Model Number	HB-Z100W-MW	HB-Z120W-MW	HB-Z150W-MW	HB-Z200W-MW	HB-Z240W-MW	HB-Z300-MW
Dimmable Model	HB-Z100W-DMW	HB-Z120W-DMW	HB-Z150W-DMW	HB-Z200W-DMW	HB-Z240W-DMW	HB-Z300-DMW
Dimensions (mm)	388x196x383			388x207x388		388x257.5x388
Lighting Category	Highbay					

### OPTICAL

Beam Angle	50° - 90° - 120°				60° - 90° - 120°	
Lumens	11,940 - 13,360	14,400 - 15,600	18,000 - 19,000	23,800 - 24,100	31,900 - 32,690	40,400 - 41,500
LED Type	Nichia					
LED Colour Temp	5000K					

### ELECTRICAL

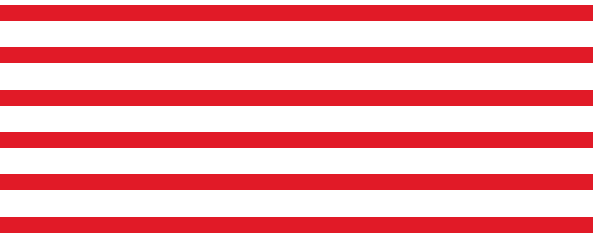
Driver Type	Internal MEANWELL Driver					
Voltage	100-240 VAC, 50/50 Hz					
Power Factor	>0.95					
Dimming	1-10V Dimmable Available					
Sensor Capability	External Sensor Available					

### OPTIONS

Various Colour Temperatures Available	Available in 3000K, 4000K, 5000K & 6000K					
Trim	Red Trim Available					

### COMPLIANCE

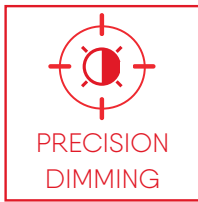




# INTELLISENSE

## BOLT-ON SENSOR

### PROFESSIONAL LIGHT ADJUSTMENT



PRECISION  
DIMMING



INTELLISENSE

**NEW** BOLT-ON SENSOR



### APPLICATIONS

Our **ZETTA LED Highbay series** now comes with the optional addition of super intelligent bolt-on sensors to detect motion and harvest daylight.

They add up to 40% efficiency to LED Highbays and operate on a 3-step dimming function when used in conjunction with a 1-10V dimmable LED driver.

### FEATURES & BENEFITS

- Daylight-harvesting maximises ambient light
- Motion sensing and dynamic dimming
- Adds up to 80% efficiency when replacing Metal Halide Highbays
- Motion can be detected through plastic, glass and all thin non-metal materials
- Manufactured in accordance to ISO9001:2008



**littil LED Bolt-On Sensors**

**GENERAL**

Model Number	MC031V
Dimensions	59mm x 66mm
Detection zone (Max. D x H)	16m x 15m
Detection sensitivity	100%/50%
Hold time	5s/30s/90s/3min/20min/30min
Daylight sensor	50 lux/100 lux/200 lux/ Disable
Stand-by period	5s/5min/10min/30min/1h/Disable
Stand-by dimming level	10%/20%/30%/50%
Mounting height	15m Max
Motion detection	0.5-3m/s
Operating temperature	-35°C - 70°C

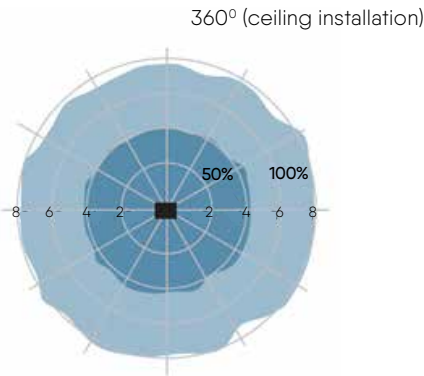
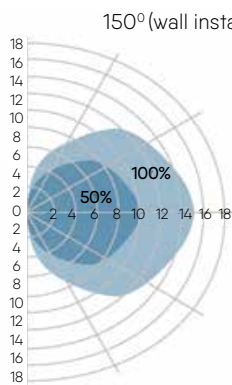
**ELECTRICAL**

Operating voltage	120-277 VAC, 50Hz/60Hz
HF system	5.8GHz ± 75 MHz, ISM wave band
Power consumption	≤0.8W (standby), <1.5W (operation)

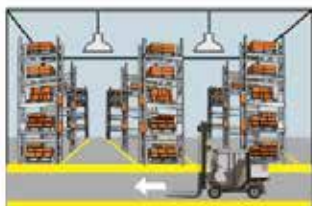
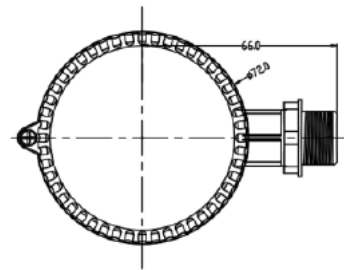
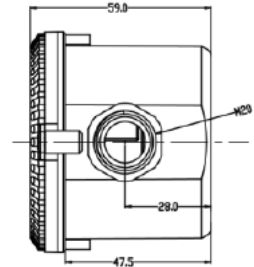
**PRE-SET**

Detection Area	<b>100%</b>
Daylight Harvesting	<b>100 lux</b>
Hold Time	<b>3 min</b>
Stand by Dim Level	<b>30%</b>
Stand by Duration	<b>30 min</b>

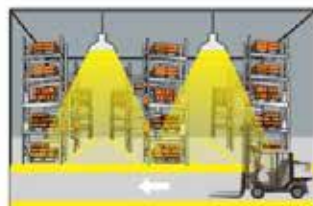
**DETECTION ANGLE**



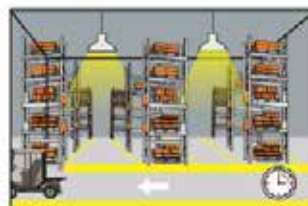
**DIMENSIONS**



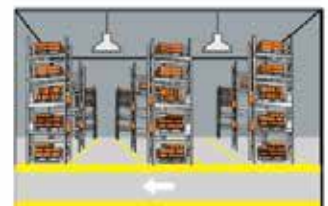
With sufficient ambient light, the sensor does not switch on the lamp.



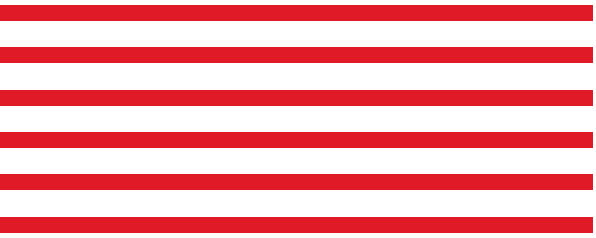
With insufficient ambient light, the sensor switches on the lamp when motion is detected.



After hold time, the sensor dims the lamp at a low light level if no new motion is triggered.



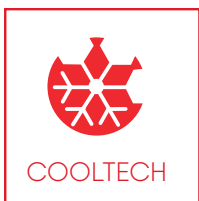
After a stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.



# OPIO

## LED DRIVER

### FOR PROFESSIONAL LIGHT ADJUSTMENT



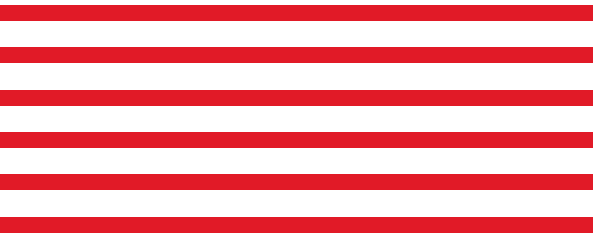
### APPLICATIONS

Our OPIO drivers are designed to meet the toughest operating conditions. Tested and certified to 50°C, you can trust OPIO to deliver. Our unique design ensures that OPIO drivers run super-cool, offer precision-dimming and ensure maximum comfort lighting with zero flicker.

## FEATURES & BENEFITS

- Maximises natural light output with zero flicker.
- Adjustable lighting output with Precision Dimming technology  
– available in 240V, 1-10V and PWM.
- Ultra long lifetime with CoolTech technology and thermal testing.
- Tested and certified to work continuously in 50°C.
- **5 YEAR WARRANTY**

	9W	12W	18W	24W	30W	36W	40W	42W
<b>GENERAL</b>								
Non-Dimmable Model Number	L-OPIO09W-ND	L-OPIO12W-ND	L-OPIO18W-ND	L-OPIO24W-ND	L-OPIO30W-ND	L-OPIO36W-ND	N/A	L-OPIO42W-ND
Dimmable Model Number	L-OPIO09W-240D	L-OPIO12W-240D	N/A		L-OPIO30W-240D	N/A	L-OPIO40W-240D	N/A
Dimensions Non-Dimmable	88.5x41x23 mm			118x42.5x24 mm			N/A	155x49x33 mm
Dimensions Dimmable	130x42x23 mm		N/A		162x45x30 mm	N/A	162x45x30 mm	N/A
Category	Driver							
<b>ELECTRICAL</b>								
LED Type	Nichia							
Voltage	220-240Vac, 50/60Hz							
Power Factor	0.92							
Dimming	Available		Not Available		Available		Not Available	240V Dimmable



# OUR COMPANY

**littil is a market leading, 100% Australian owned manufacturer of a broad range of unique, custom built and quality LED lights designed in Australia for Australian conditions.**

A partnership with littil provides access to the highest levels of service, quality and reliability of innovative and customised LED lights.

**littil** = **big** difference

- ✔ Expertise you can trust
- ✔ Innovation & quality
- ✔ Australian designed & engineered
- ✔ Latest LED technologies and constant innovation
- ✔ Competitive Prices
- ✔ Focus on quality & joint beneficial long term relationships
- ✔ First class pre and post purchase support mechanisms

We work with a broad spectrum of clients from commercial and public sectors, as well as a number of trusted trade partners, and specialise in customising LED lighting solutions to suit any school, government or commercial building installation.





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