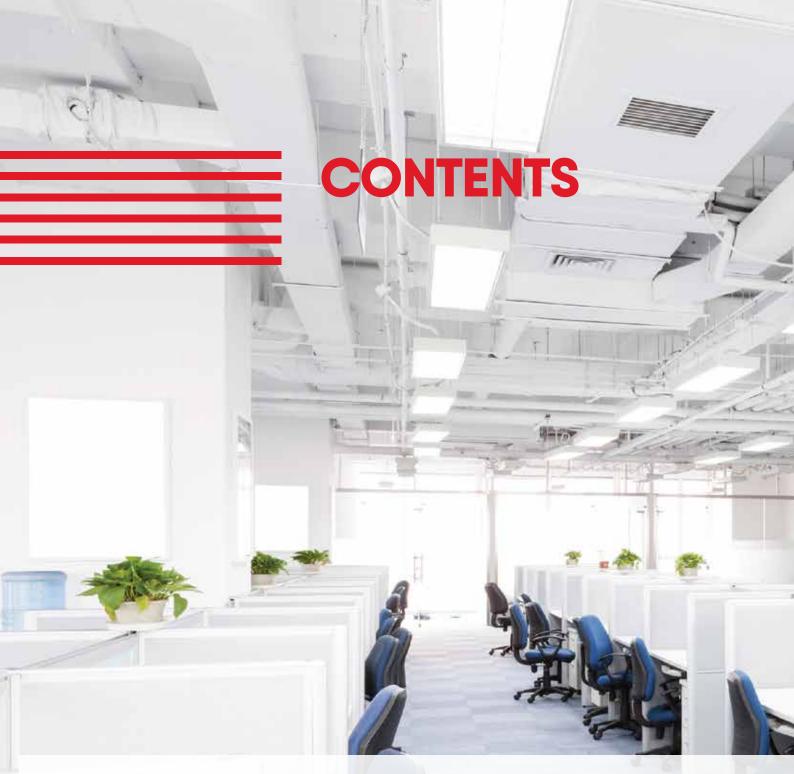
littil = big difference



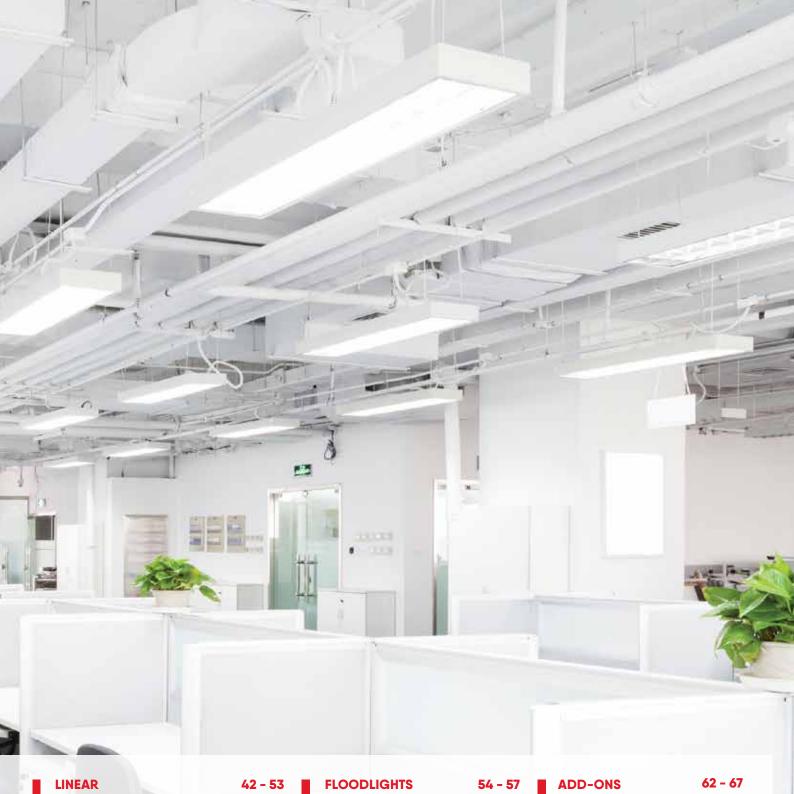


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OUR TECHNOLOGY

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

Our technology focuses on two pivotal principles:

PRO

PROFESSIONAL LIGHT ADJUSTMENT

Precision Dimming	Dims down without flicker for light output exactly 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

4

SENTINEL

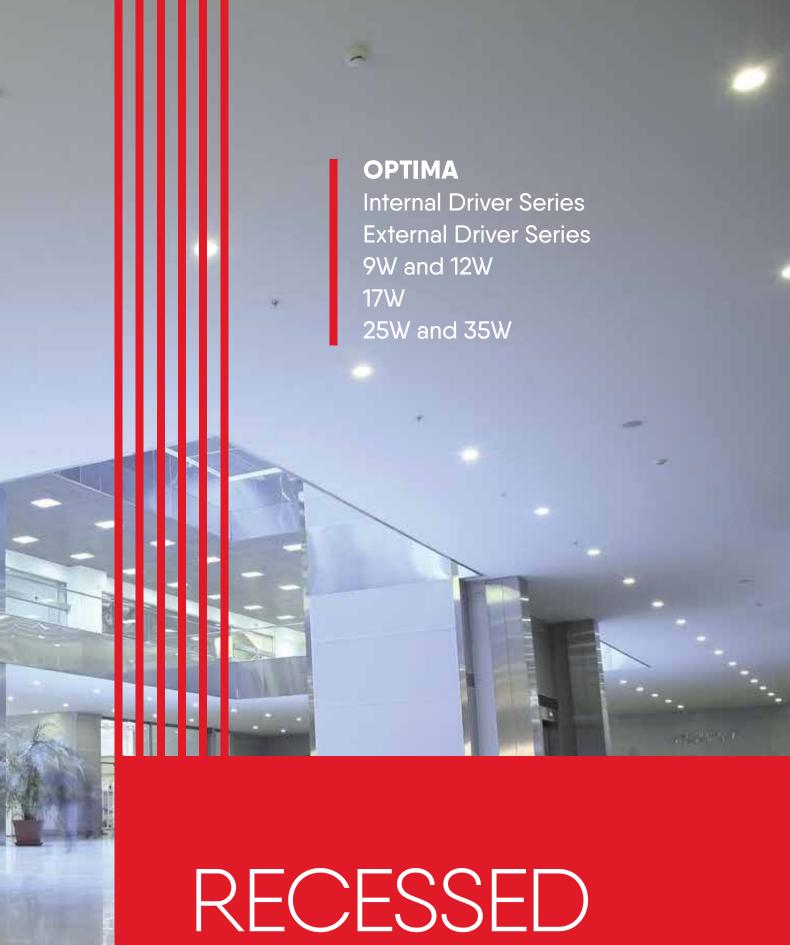
SAFETY IN DESIGN

	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 and dust proofing
*	HeatTech	Built to operate under high temperature

SECTION







DOWNLIGHTS



OPTIMA

FROSTED RECESSED DOWNLIGHTS INTERNAL DRIVER 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.

- IC-4 Rated Safe to abut and cover with insulation in Australian and New Zealand
- High quality PMMA Diffuser ensures ultimate light uniformity and distribution
- Cooltech Engineered for lower operating temperature and longer life













	8W	10W	13W	
GENERAL				
Model Number	L-OPT8W-240D	L-OPT10W-240D	L-OPT13W-240D	
Face Diameter	115r	mm	145mm	
Lighting category		Recessed Downlight		
Lifetime (L70)		Up to 53,000 hrs		
Warranty		5 years		
Operating temperature		45°C		
OPTICAL				
Light output (Lumens)	720 - 800 Lm	800 - 870 Lm	1,015-1,110 Lm	
LED Type		SMD		
LED colour temperature		3000K, 4000K, 5000K*, 6000K*		
Full beam angle	90°			
Colour Rendering Index	>80			
ELECTRICAL				
Driver	Internal			
Voltage	220-240 VAC			
Power factor	>0.9			
Dimming	Triac			
MECHANICAL				
Cut-out diameter	90mm	90mm	120mm	
Gimballed	No			
OPTIONS				
Lens	Frosted			
Body material finish		White		
Flange	Flush, E	Baffled*	Flush*, Baffled	
Mounting	Recessed			

COMPLIANCE

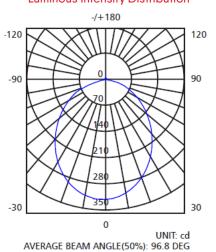




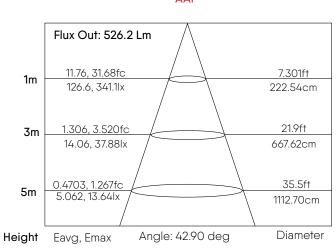


^{*}Available as custom order





AAI





OPTIMA

FROSTED RECESSED DOWNLIGHTS EXTERNAL DRIVER 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.

- IC-4 Rated Safe to abut and cover with insulation in Australian and New Zealand
- High quality PMMA Diffuser ensures ultimate light uniformity and distribution
- Cooltech Engineered for lower operating temperature and longer life











	8W	10W	
GENERAL			
Model Number	L-OPT8W L-OPT10W		
Face Diameter	90 or 110mm	110mm	
Lighting category	Recessed Downlight		
Lifetime (L70)	Up to 50,000 hrs		
Warranty	5 years		
Operating temperature	45°C		

OPTICAL

Light output (Lumens)	700 - 760 Lm	850 - 950 Lm	
LED Type	SMD		
LED colour temperature	3000K, 4000K, 5000K*, 6000K*		
Full beam angle	90°		
Colour Rendering Index	>80		

ELECTRICAL

Driver Model Number	L-OPIO09W-ND	L-OPIO09W-240D	L-OPIO12W-ND	L-OPIO12W-240D
Voltage	220-240 VAC			
Power factor	>0.92			
Dimming	No	Triac	No	Triac

MECHANICAL

Cut-out diameter	70 or 90mm	90mm
Gimballed	N	No

OPTIONS

Lens	Frosted	
Body material finish	White, Silver*	
Flange	Flush, Baffled*	
Mounting	Recessed	

COMPLIANCE

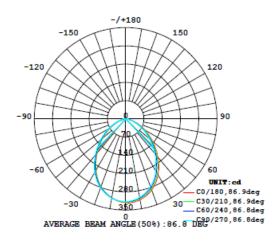






^{*}Available as custom order

Luminous Intensity Distribution



RECESSED DOWNLIGHTS



OPTIMA9W/12W RECESSED DOWNLIGHTS

FOR NEW HOME OR RENOVATION INSTALLATIONS













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.

- 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-12D30-60WH RDLS-9D30-60WH Dimensions 90 x 90 mm (cut out 75mm) Recessed Downlight Lighting category Lifetime (L70) Up to 50,000 hrs Warranty 3 years Operating temperature 55°C **OPTICAL** Light output (Lumens) 665 - 720 Lm 750 - 800 Lm LED Type CREE 3000K or 4000K LED colour temperature

60°

>80

Picture beam profile

50mm

ELECTRICAL

IES

Full beam angle

Colour Rendering Index (CRI)

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. 250/300mA		
Power factor	>0.9		
Dimming	Dimmable		



DIMENSIONS











MECHANICAL

Cut-out diameter	75mm
Gimballed	Yes

TRIM OPTIONS

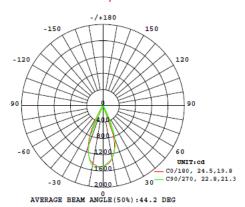




OPTIONS

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

Luminous Intensity Distribution



RECESSED DOWNLIGHTS



OPTIMA

FROSTED 17W RECESSED DOWNLIGHTS

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.

- · Dimmable on leading and trailing edge dimmers
- 17w will cover up to 4x4m room/floor surface
- Available in 190 mm or 240 mm
- CRI >80
- CREE Chip

	17W			
GENERAL				
Model Number	9343907000591	9343907001567		
Dimensions	65 x 190 mm		75 x 240 mm	
Lighting Category	Frost	ed Recessed Dow	nlight	
Lifetime		Up to 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		·		
Driver		TKP-LD18A50C		
\/altaga	In: 2	20-240 VAC, 50/6	O Hz	
Voltage	Ou	ıt: 21-36 VDC,500	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				

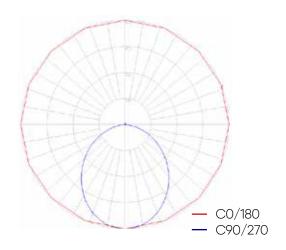








Luminous Intensity Distribution



RECESSED DOWNLIGHTS



OPTIMA

25W/35W RECESSED DOWNLIGHTS

FOR NEW RETAIL OR RENOVATION INSTALLATIONS











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.

- 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	ghting Category Recessed Downlight		
Lifetime	Up to 50,000 hrs		
Warranty	3 years		
Operating Temperature	55°C		

OPTICAL

Light Output (Lumens)	3100 Lm	4200 Lm	
LED Type	COB	LED	
LED Colour Temperature	3000K*, 4000K		
Full Beam Angle	12	0°	
Colour Rendering Index (CRI)	>8	30	

ELECTRICAL

Driver Specs	Philips Certadrive 30W Philips Certadrive 38W		
Voltage	In: 220-240 VAC, 50-60 Hz In: 220-240 VAC, 50-60		
Voltage	Out: 32-42 VDC, 700 mA	Out: 32-42 VDC, 900 mA	
Power Factor	>0.9		
Dimming	Non-Dimmable		

MECHANICAL

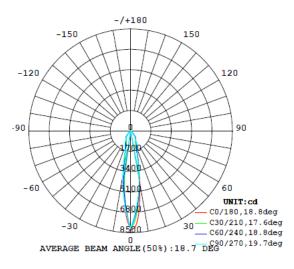
Gimballed	Centre	
Cut-out Diameter	155 mm	190-200 mm

OPTIONS

Lens	Clear
Body Material Finish	White or Silver*
Flange	Yes*
Mounting	Recessed

^{*}Available as custom order

Luminous Intensity Distribution



COMPLIANCE









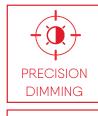


LAMBENT LUMINA ARGO



LAMBENT GU10 LED GLOBES

REPLACING TRADITIONAL GU10 HALOGEN DOWNLIGHTS









APPLICATIONS

These 4W and 6W 240 Volt LED globes 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.

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

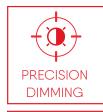
	4W	6W		
GENERAL				
Model Number	L-LAM4W	L-LAM6W		
Dimensions (LxW)	62 x 50 mm	72 x 50 mm		
Lighting Category	GU10 LEI	O Globe		
Lifetime	Up to 50	,000 hrs		
Warranty	3 ує	ears		
Operating Temperature	55	°C		
OPTICAL				
Light Output (Lumens)	270 Lm	400 Lm		
LED Type	CC	В		
LED Colour Temperature	3000K			
Full Beam Angle	60)°		
Colour Rendering Index	>75			
ELECTRICAL				
Voltage	240	VAC		
Power Factor	0.	0.9		
Dimming	Ye	98		
OPTIONS				
Lens	Cle	ear		
Body Material Finish	Silver			
Base	GU10			
COMPLIANCE		<u> </u>		



LUMINA

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

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









7W/9W/12W

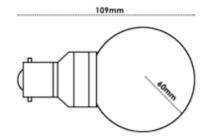
APPLICATIONS

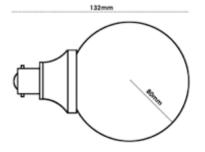
Our range of bulbs in various wattages are direct replacements for energy consuming traditional incandescent globes. The bulbs fit the traditional Bayonet and Edison Screw socket, have zero electromagnetic emission and zero interference with other devices. They are perfect for conventional lamp and ceiling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

- 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
GENERAL	·				
Model Number	G60-2.5BC34	G80-5BC34	L-LUM7W	L-LUM9W	L-LUM12W
Dimensions (LxW)	109 x 60 mm		132 x 8	30 mm	
Lighting Category			LED Bulb		
Lifetime			Up to 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	340	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				
OPTIONS					
Base	E27 or B22				
COMPLIANCE				·	

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)

24

	3W				
GENERAL					
Model Number		L-LUN	изW		
Dimensions (LxW)		107 x 3	2 mm		
Lighting Category		C35 Can	dle Bulb		
Lifetime		Up to 50	000 hrs		
Warranty		3 уе	ars		
OPTICAL					
Light Output (Lumens)		200	Lm		
LED Type		16 S	MD		
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				
OPTIONS					
Base	E27	B22	E14	B15	

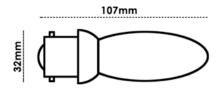
COMPLIANCE





DIMENSIONS















ARGOCORN LIGHT

REPLACING TRADITIONAL 50W - 500W METAL HALIDES



To see 360 degree rotations of this product visit 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.

100W+ lamp models come with active air fan cooling, speeding up heat dissipation. Ideal alternatives to high bays in warehouse and industrial spaces.

- The **most cost effective** alternative to replacing entire high bay fixtures.
- Meanwell drivers for 100W, 120W and 150W lamp models
- Easy retrofit with a wide range of sizes in E27 & E40 caps

	20W	30W	50W	70W	100W	120W	150W	
GENERAL								
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						
Lifetime			ı	Up to 50,000 hr	S			
OPTICAL								
Lumens	2,721	4,020	6,434	10,034	13,201	15,715	20,598	
LED Type		2835 White SMD LED						
LED CCT		6000K						
CRI	> 80							

ELECTRICAL

Driver Type	Internal Driver				Exter	nal MEANWELL	Driver	
Voltage	In: 100-240 VAC 50/60 Hz							
Voltage	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							

OPTIONS

Various CCT Available	Also available in 3000K, 4000K and 5000K
Cover	Available with custom made milky cover or IP40 cover

COMPLIANCE



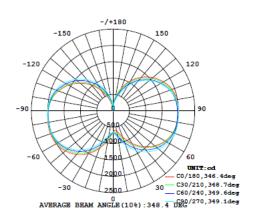








Luminous Intensity Distribution







OSTRO ARRAY



OSTRO

LED OYSTER LIGHT

REPLACING TRADITIONAL 55W FLUORESCENT FITTINGS











APPLICATIONS

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

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

- Easy to install with our quick connect mounting bracket
- IP54 rated with high density silica rubber ring protection
- 18W will cover up to 4x4m room/space
- Slim profile

	12	w		18W		2!	5W		30W	
GENERAL										
Model Number	L-OY	S12W		L-OYS18W		L-OYS25W		L-OYS30W		r
Diameter (mm)	200	250	250	300	350	33	350	300	350	400
Lighting Category	Oyster									
Lifetime	Up to 50,000 hrs									
IP Rating	IP54									
Warranty	3 years									
OPTICAL							_			
Light Output (Lumana)	1000 1	1100 1 22	m 1700 1620 l m			2000	22001	2	710 0400 1	

Light Output (Lumens)	1000-1120 Lm	1300-1620 Lm	2000-2200 Lm	2310-2680 Lm			
LED Colour Temperature		3000K*, 4000K, 5000K*, 6000K*					
Full Beam Angle	120°						
Colour Rendering Index	>80						

ELECTRICAL

Voltage	200-240 VAC, 50 Hz	
Power Factor	>0.9	
Dimming	Triac Dimmable option available	

OPTIONS

Lens	Frosted Lens
Trim	White

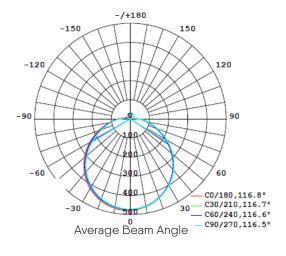
COMPLIANCE





^{*}Available as custom order

Luminous Intensity Distribution





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.

- High colour rendering index > 80 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	Up to 50,000 hrs
Warranty	3 years
OPTICAL	
Light Output (Lumens)	3600 Lm
LED Type	CREE
LED Colour Temperature	3000K*, 4000K*, 5000K and 6000K*
Full Beam Angle	85°
Colour Rendering Index	>80
ELECTRICAL	
Driver	Philips Certadrive 38W
Voltage	In: 220-240, 30/60 Hz
Voltage	Out: 32-42 VDC, 0.21A
Power Factor	>0.9
Driver Type	External
Dimming	Non-Dimmable
MECHANICAL	
Gimballed	Side
COMPLIANCE	

ESCs
APPROVED
APPROVED

^{*}Available as custom order



VIVA

LED Troffers LED Air Return Troffers

POLAR

LED 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 and 600x600mm, 44W twin 600x300mm or 172W quad 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.

- 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













NEW COI HOSPITAL TROFFER NOW AVAILABLE

- 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
- CRI >90

	32W					
GENERAL						
Model Number	LED32TROF 600	x600D60	LED32TROF 1200x300D60			
Dimensions (mm)	600 x 60	00	1200 x 300			
Lighting Category		Linear				
Lifetime		Up to 50,000 hrs				
Warranty		5 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		>80				
ELECTRICAL						
Wattage		32W				
Driver Type	L-OPIO36W-ND L-OPIC	30W-240D, Philips Certadri	ve Driver or DALI Philips Xitanium			
		Driver				
Voltage		In: 220-240 VAC, 50/60				
		Our: 32-42 VDC, 700r	nA			
Power Factor	>0.9					
Dimming		Triac Dimmable and Dali O	ptional			
OPTIONS						
Low COI		Custom designed low COI a	available			
Mounting	Surfa	ice mount and plaster recess	s kits available			

COMPLIANCE





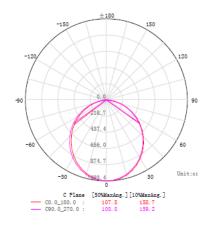






*1200x300 & 600x600 with littil LED driver are VEEC and ESC approved

Luminous Intensity Distribution





VIVA

AIR RETURN TROFFER

REPLACING 86W TWIN T8 FLUORESCENT FITTINGS















APPLICATIONS

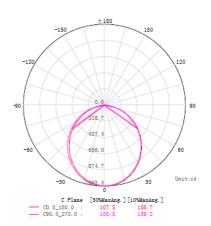
Constant current input 30W LED Lamp, direct replacement for the energy consuming 86W twin 1200x300 mm or 600x600 mm light fitting. Troffer and driver combined consume only 32W, with zero radiation or interference. Suitable for every clear span, suspended or subdivided commercial or public area ceiling.

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

	30	30W						
GENERAL								
Model Number	LED Troffer 500x500 AIR with 30W Philips Certadrive	LED Troffer 1200x300 AIR with 30W Philips Certadrive						
Dimensions (LxW)	500 x 500	1200 x 300						
Lighting Category	Linear	Linear						
Lifetime	Up to 50	0,000 hrs						
Warranty	5 y	ears						
OPTICAL								
Light Output (Lumens)	2700 - 2	2800 Lms						
LED Colour Temperature	Available in 4000K	, 5000K and 6000K						
Full Beam Angle	12	20°						
Colour Rendering Index	>	80						
ELECTRICAL								
Driver Type	CertaDrive 30W	/ 0.7A 42V I 230V						
Voltage	In: 220-240 VAC, 50/60 H	lz Out: 32-42 VDC, 700mA						
Power Factor	>1	0.9						
Dimming	Dimmable an	d Dali Options						
OPTIONS								
Lens	Froste	d (Opal)						
COMPLIANCE								

Luminous Intensity Distribution

ESCs
APPROVED
APPROVED





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 versatile and engineered for consistent ouput with minimum glare.

- High quality PS diffuser ensures ultimate light uniformity and distribution
- CoolTech engineered for lower operating temperature and longer life
- Manufactured in accordance to ISO9001 for top quality and consistency
- Flexible mounting options for versatile installation needs













		2/W	
GENERAL			
Model Number	POL6X3*	POL6X6	POL12X3
Dimensions (mm)	600x300	600x600	1200x300
Cut-Out		See plaster recess kit for details	
Lighting Category		Panel	
Lifetime		Up to 70,000hrs	
IP Rating		IP20	
Warranty		3 years	

Light Output (Lumens)	2200 - 2700 Lm
LED Colour Temperature	3000K*/4000K/5000K/6000K*
LED Type	SMD
Full Beam Angle	110°
Colour Rendering Index	>80

ELECTRICAL

Driver Model Number	L-OPIO36W-ND, L-OPIO30W-240D* or Philips Xitanium*
Voltage	220-240 VAC
Power Factor	0.9-0.99
Dimming	Triac Dimmable, Dali, 1-10V, Programmable options available

OPTIONS

Lens	Frosted, UGR <19*
Trim	White
Mounting	Grid ceiling, Plaster Recess*, Surface Mount*, Suspended*

COMPLIANCE

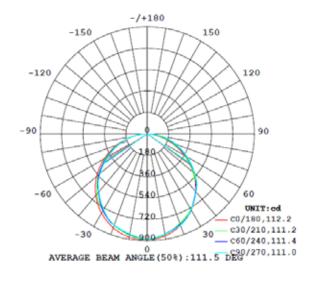






ISO9001

Luminous Intensity Distribution



^{*} Available as custom order



FORTIS

T8 LED Tubes

T8 LED Battens

Tri-Proof Battens

T8 LED Battens & Diffusers

IP65 LED Battens & Diffusers

LINEAR





FORTIS T8 LED TUBES

REPLACING TRADITIONAL 36W FLUORESCENT TUBES













To see 360 degree rotations of this product visit 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

- Single end wired
- Colour consistency SDCM: <5 MacAdam steps
- Internal & external HRC compliant fuses for double protection
- 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							
	9	W	15	W	18	W	22	2W
GENERAL					v-		,	
Model Number	S-T809	9W600	S-T815	W1200	S-T818	W1200	S-T822	:W1500
Dimensions (Length)	600	mm	1200) mm	1200) mm	1500	Omm
Lighting Category				Lir	ear			
Lifetime				Up to 50	0,000 hrs			
Warranty				5 y	ears			
OPTICAL								
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				Но	ngli			
LED Colour			3∩()UK* 1'UUUK	5000K or 600	∩ K *		
Temperature								,
ELECTRICAL								
Driver Type				Inte	ernal			
Voltage				100-240 VA	C, 50/60 Hz			
Power Factor	0.95							
Dimming	Non-Dimmable							
OPTIONS				-				-
Lens				Clear o	r Frosted			

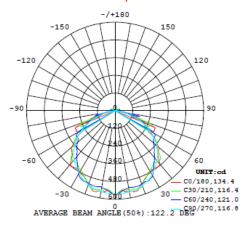


FREE **

COMPLIANCE

VEECs

Luminous Intensity Distribution





FORTIS T8 LED BATTENS

REPLACING TRADITIONAL T8 FLUORESCENT BATTENS



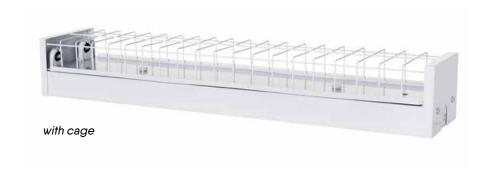












APPLICATIONS

Our T8 LED Battens come 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.

- 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				
GENERAL								
Model Number	LEDBAT600S10WDF	LEDBAT1200S15WDF	LEDBAT600D20WDF	LEDBAT1200D30WDF				
Dimensions (Length)	600 mm	1200 mm	600 mm	1200 mm				
Lighting Category		Linear						
Lifetime		Up to 50),000 hrs					
Warranty		5 ye	ears					
OPTICAL								
Light Output (Lumens)		1180-5	400 Lms					
LED Type		SN	MD					
LED Colour Temperature		3000K*, 4000K,	5000K or 6000K*					
Full Beam Angle		12	0°					
Colour Rendering Index		>{	30					
ELECTRICAL								
Voltage		100-240 VA	.C, 30/60 Hz					
Power Factor		0.	95					
Dimming	Non-Dimmable							
OPTIONS								
Cage		Available with	/without cage					
COMPLIANCE								









^{*}Available as custom order



FORTIS T8 LED BATTEN & DIFFUSER

REPLACING TRADITIONAL FLUORESCENT BATTENS













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.

- 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

	10W	15W	20W	30W					
GENERAL									
Model Number	LEDBAT600S10WCG	LEDBAT1200S15WCG	LEDBAT600D20WCG	LEDBAT1200D30WCG					
Dimensions (Length)	600 mm	1200 mm	600 mm	1200 mm					
Lighting Category		Linear							
Lifetime		Up to 50),000 hrs						
Warranty		5 ye	ears						
OPTICAL									
Light Output (Lumens)		11180 – 5400 Lms							
LED Type		SN	ID						
LED Colour Temperature		3000K*, 4000K,	5000K or 6000K*						
Full Beam Angle		12	0°						
Colour Rendering Index		>{	30						
ELECTRICAL									
Voltage		100-240 VA	.C, 50/60 Hz						
Power Factor		0.93							
Dimming		Non-Dimmable							
OPTIONS			_						
Lens		Clear and	d Frosted						









^{*}Available as custom order



FORTIS

IP65 LED BATTEN & DIFFUSER

REPLACING TRADITIONAL FLUORESCENT BATTENS















APPLICATIONS

Our IP65 Weaterproof 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.

- Hongli 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
- Ideal for concrete ceiling applications
- Multiple cable entry points

	10W	15W	20W	30W				
GENERAL								
Model Number	LEDBAT600S10WIP65	LEDBAT1200S15WIP65	LEDBAT600D20WIP65	LEDBAT1200D30WIP65				
Dimensions (Length)	600 mm	1200 mm	600 mm	1200 mm				
Lighting Category		Linear						
Lifetime		Up to 50),000 hrs					
Warranty		5 ye	ears					
IP Rating		IP	65					
OPTICAL								
Light Output (Lumens)		1180-54	400 Lms					
LED Type		SN	ИD					
LED Colour Temperature		3000K*, 4000K,	5000K or 6000K*					
Full Beam Angle		12	0°					
Colour Rendering Index		>{	30					
ELECTRICAL								
Voltage		100-240 VA	.C, 50/60 Hz					
Power Factor		0.	93					
Dimming		Non-Dimmable						
OPTIONS								
Lens		Ора	aque					
COMPLIANCE								









^{*}Available as custom order



FORTIS

IP65 TRI-PROOF LED BATTEN

WHERE WATERPROOF & DUST PROOF LIGHTING IS NECESSARY



To see 360 degree rotations of this product visit 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.

- Surface mounted, recessed and suspended 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			
	<u>-</u>				
TriLED15-600	TriLED35-1200	TriLED43-1500			
640 x 124 x 43	1200 x 124 x 43	1500 x 124 x 43			
	Linear				
	Up to 50,000 hrs				
	IP65				
	5 years				
	40°C				
1440 - 1500 Lm	3600 - 3700 Lm	4340 - 4450 Lm			
3	3000K*, 4000K, 5000K or 6000K	*			
	120°				
	>80				
	100 Lm/W				
	220 - 240 VAC, 50/60 Hz				
	>0.9				
	Non-Dimmable				
	Frosted Opal				
White					
	TriLED15-600 640 x 124 x 43	TriLED15-600 640 x 124 x 43 1200 x 124 x 43 Linear Up to 50,000 hrs IP65 5 years 40°C 1440 - 1500 Lm 3600 - 3700 Lm 3000K*, 4000K, 5000K or 6000K 120° >80 100 Lm/W 220 - 240 VAC, 50/60 Hz >0.9 Non-Dimmable			



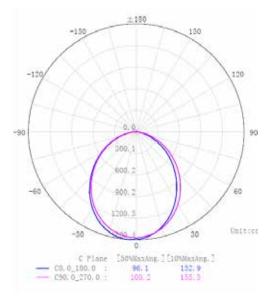








Luminous Intensity Distribution



^{*}Available as custom order







NIMMO

LED FLOODLIGHT RANGE

REPLACING 50W TO 2000W FLOOD LIGHTS















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.

- · High performance pipe efficiently dissipates heat
- Waterproof respirator avoids fogging and condensation
- Long 1m flex cable for easy installation

	10W	20W	30W	50W	70W	100W	150W	200W	400W	500W	1000W
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						50,000 hrs					
IP Rating						IP65					
Warranty	5 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*, 4000K*, 5000K, 6000K*									
Full Beam Angle	120°							25°, 45°, 10		90° x 10 90° x 50	
CRI	>80										

ELECTRICAL

Voltage	100-240 VAC, 50/60 Hz
Power Factor	0.9
Dimming	Non-Dimmable

OPTIONS

Lens	Clear	Frosted	
Trim	Black		

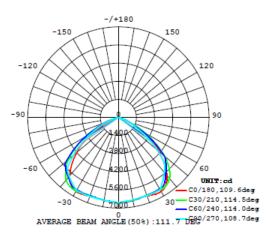
COMPLIANCE





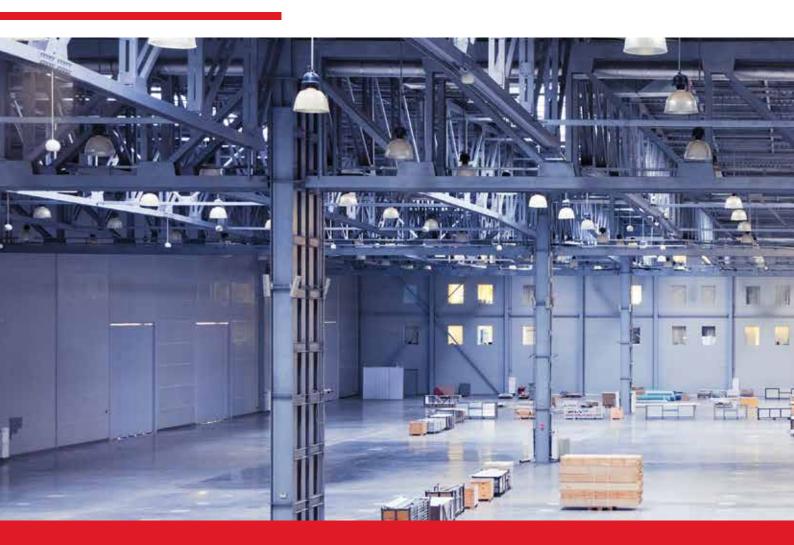
^{*}Available as custom order

Luminous Intensity Distribution





SECTION



ZETTALED Highbay Range





ZETTA

IP65 LED HIGHBAY RANGE

REPLACING TRADITIONAL METAL HALIDE AND MERCURY VAPOUR LAMPS



To see 360 degree rotations of this product visit littil.com.au

APPLICATIONS

Constant current input LED light with a power range from 100W to 300W, 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.

- Suspended variable length and suitable for multi strike application
- Quality internal MEANWELL driver with mains socket
- Quality NICHIA chips
- · Ultra-low glare diffuser available















NEW OPTIONAL BOLT-ON SENSOR

- Daylight-harvesting maximises ambient light
- Motion sensing and dynamic dimming
- Adds up to 40% efficiency to LED Highbays



	100W	120W	150W	200W	240W	300W	
GENERAL			•				
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		388x20	07x388	388x257.5x388	
Warranty			5 ye	ears			
Lifetime			50,00	00 hrs			
OPTICAL							
Beam Angle			50° - 90	D° - 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			Nic	chia			
LED Colour Temp			500	OOK			
ELECTRICAL							
Driver Type			Internal MEA	NWELL Driver			
Voltage			100-240 VA	.C, 50/50 Hz			
Power Factor			>0	.95			
Dimming	1-10V Dimmable Option Available						
Sensor Capability	External Sensor Option Available						
OPTIONS							
Various CCT Available	Available in 3000K, 4000K & 6000K						

COMPLIANCE

Trim

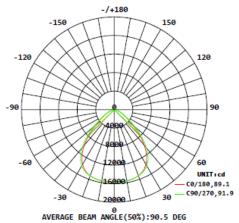






Luminous Intensity Distribution

Red





ADD-ONS

INTELLISENSE OPIO





INTELLISENSE

BOLT-ON SENSOR

PROFESSIONAL LIGHT ADJUSTMENT







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.

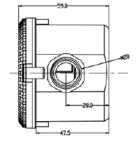
- Daylight-harvesting maximises ambient light
- · Motion sensing and dynamic dimming
- Adds up to 80% efficiency when replacing Metal Halide Highbays with IntelliSense LED Highbays.
- Motion can be detected through plastic, glass and all thin non-metal materials
- Manufactured in accordance to ISO9001:2008

littil LED Bolt-On Sensors

DIMENSIONS

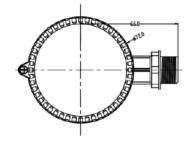
GENERAL

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

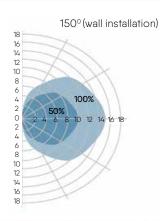
Operating voltage	120-277 VAC, 50Hz/60Hz
HF system	5.8GHz ± 75 MHz, iSM wave band
Power consumption	≤0.8W (standby), <1.5W (operation)

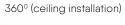


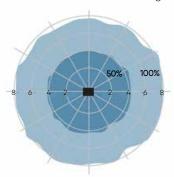
PRE-SET

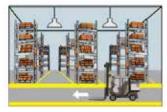
Detection Area	100%
Daylight Harvesting	100 lux
Hold Time	3 min
Stand by Dim Level	30%
Stand by Duration	30 min

DETECTION ANGLE

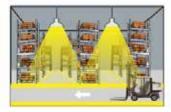




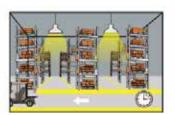




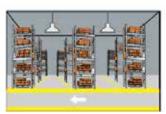
With sufficient ambient light, the sensor does not switch on the lamp.



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.

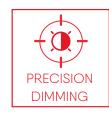


After a stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.



OPIOLED 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
- Ultra long lifetime with CoolTech technology and thermal testing
- Tested and certified to work continuously in 50°C
- 5 YEAR WARRANTY

	9W 12W		30W	36W - 40W			
GENERAL							
Non-Dimmable Model Number	L-OPIO09W -ND	L-OPIO12W -ND	L-OPIO30W -ND	L-OPIO36W -ND	N/A		
Dimmable Model Number	L-OPIO09W -240D L-OPIO12W -240D		L-OPIO30W -240D N/A		L-OPIO40W -240D		
Dimensions Non-Dimmable	88.5x41	x23 mm	118x42.5x24 mm				
Dimensions Dimmable	130x42x23 mm		162x45x30 mm N/A 162x45x30 m				
Category	Driver						

ELECTRICAL

Voltage	220-240Vac, 50/60Hz
Power Factor	>0.92

COMPLIANCE





SECTION



STREET LIGHTING

FIN

LED STREET LIGHT

REPLACING TRADITIONAL METAL HALIDE STREET LIGHTS















APPLICATIONS

littil is proud to bring the largest manufacturer of street lights, Unilumin, to Australia. This exclusive LED Street Lighting range is now available with 35W, 60W, 90W, 110W, 150W, 200W and 240W fixtures.

The Fin range is available in 100 lm/W and 110 lm/W efficiencies and various beam angles. The sleek, modern design makes it an extremely flexible product.



FEATURES & BENEFITS

- The energy efficient alternative to traditional street lighting
- IP66 and IK08 rated
- CRI >80 and Power Factor 0.99
- 10KV surge protection
- AS1158.6 and AS/NZS60598.1 compliant

	35W	60W	90W	120W	150W	200W	240W		
GENERAL									
Model Number	L-FIN35W	L-FIN60W	L-FIN90W	L-FIN120W	L-FIN150W	L-FIN200W	L-FIN240W		
Dimensions (WxH mm)		690 x 305 x 135 mm 829 x 385 x 172 mm							
Lifetime		50,000 hrs							
Warranty				5-10 years*					
Lighting Category				Street Lighting					
OPTICAL									
Lumens	3,500 - 3,850	6,000 - 6,660	9,000 - 9,900	11,000 - 12,100	15,000 - 16,500	20,000 - 22,000	24,000 - 26,400		
LED Type				Samsung / CRE	E	<u> </u>			
LED Colour Temperature	3000K*, 4000K,* 5000K* or 6000K*								
CRI				> 80					
ELECTRICAL									
Driver Type				Philips Xitanium	1				
Voltage				200-240 VAC					
Power Factor				0.99					
Dimming		240	V Dimming and	DALI available, 1	-10V, programm	nable			
Sensor Capability	NEMA connector								
Operating Temperature	-40°C ~ 55°C								
OPTIONS				<u> </u>					
Various CCT Available	Available in 100 lm/W and 110 lm/W								

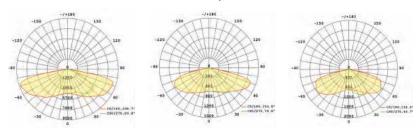
COMPLIANCE





^{*}Available as custom order

Luminous Intensity Distribution





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.

12 littil.com.au

NOTES			

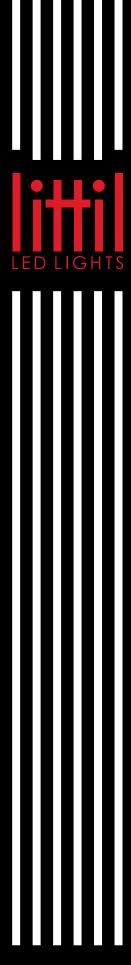
HOW TO ORDER

Go to littil.com.au – Complete the contact form and we will call you within 2 business days

Call 1300 699 611 and order over the phone

Visit the littil Trade Centre during normal business hours, Monday to Friday at:

61-65 Geddes St Mulgrave VIC 3170



61-65 Geddes Street Mulgrave, VIC 3170, Australia

T 1300 699 611 E sales@littil.com.au