Kyla

Light up with LED

Inspire Green Living

For a new building or renovation of an existing space, users prefer lighting solutions that provide quality lighting with minimal maintenance and substantial energy savings.

Kyla LED luminaires offer stylish, energy-saving, affordable and easy-to-install lighting solutions, viable replacements for traditional lighting technologies across numerous applications.

Specialises in the design and development of high quality LED Lighting for commercial and residential lighting applications. With a vision to Inspire Green Living with LED Lighting, kyla products are designed to be contemporary in style, versatile, ease of installation, low maintenance and high durability.

Products Line Up

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Floodlight

The Floodlight series is equipped with built-in microwave sensor that can toggle between 0 to 100% brightness which further reduces power consumption.

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Bulkhead Light

Designed for complex and dynamic workplaces, there is an option for dual motion sensors for bi-level lighting control and / or battery pack for emergency lighting.

69

Helios Low Bay Light

The Helios LED lighting fixtures are designed for installation at low mounting heights of 6m and below

77

Batten Fitting

Designed for complex and dynamic workplaces, there is an option for dual motion sensors for bi-level lighting control and / or battery pack for emergency lighting.

07

Downlight

With its revolutionary heat dissipation technology, the downlight series have achieved superior performance and are ideal for retail, commercial and residential installations.

17

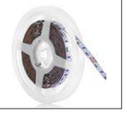
Cove Lighting

Cove lighting is commonly used for interior decorative applications. The T5 fittings can be used for general ambient, furniture, under-cabinet, mirror-side and corridor lighting.

29

LED Strip

Ideal for various decorative lighting applications, such as façade accent lighting, ceiling integration, cove lighting and for aluminium extrusions. Perfect for applications where space is at a premium and with the ease of concealment.



37

LED Driver

High frequency, Compact size and long lifetime. The constant voltage LED drivers, operation with 24VDC LED module, LED strip and other LED application where need 24VDC constant voltage.

43

Light Tube

The Light Tube series is an ideal direct replacement for traditional fluorescent LED tubes. The series offers a uniform light distribution and can last more than twice the lifespan of fluorescent tubes.

49

High Bay Light

Beside its energy saving features, the LED High Bay Light series has high CRI (Colour Rendering Index), promising clearer vision.

83

Panel Light

The LED Panel Light series saves up to 50% in electricity consumption as compared to standard CFL (Compact Fluorescent Light).

89

Ceiling Light

The Ceiling Light series of LED ceiling light fixtures are ideal for residential lighting applications to illuminate living rooms, bedrooms, kitchens and toilets.

97

Outdoor Light

The Outdoor Light series is designed to address the inefficiency in the metal halide lamps.

103

Tri-proof Light

The Tri-proof light series is made of waterproof an special corrosion-proof materials and silicone sealing ring to realize protection requirements for the fixtures.

107

Mogul Base LED Bulb

39 Mogul provides an easy LED solution to replace High Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement.

111

Features

Long Life Span

Long Life Span

Energy Saver

IP Rated

with Sensor

with Battery

Insect Tight Design

C7/C8 Plug

Ceiling Mounted

Ceiling & Wall Mounted

Floor Recessed, Ceiling & Wall Mounted

Lightweight

G13 Plug

G5 Plug

Dimmable

Adjustable

with Remote Control

Wide Beam Angle

Flexible

Easy to Install

High Performance

LED Lighting ECO-Solutions

Batten Fitting

	Fluorescent Tube	LED Light
Light Source	T8 (4-ft)	LFE414S (4-feet)
Power Consumption	36W+7W	14.5W (Fully ON) 4.3W (Standby)
Lifespan	6,000 Hours	50,000 Hours

Downlight

	PLC Downlight	LED Light
Light Source	PLC (4-inch)	LDR412 (4-inch)
Power Consumption	18W+4W	9W
Lifespan	6,000 Hours	35,000 Hours

Remarks:
• Savings in Electricity Compared to PLC / PLT Downlights.
• Calculated Operation hours based on 12 hours per day.

Cove Lighting

	Fluorescent Tube	LED Light
Light Source	T5 (4-feet)	LFC2-416 (4-feet)
Power Consumption	28W+3W	16W
Lifespan	6,000 Hours	35,000 Hours

Light Tube

	Fluorescent Tube	LED Light
Light Source	T8 (4-feet)	LT8P2 (4-feet)
Power Consumption	6W+7W	16W
Lifespan	6,000 Hours	35,000 Hours

Remarks: Savings in Electricity Compared to T8 Fluorescent Lights with electronic ballast

FloodLight

	Floodlight	LED Light
Light Source	Floodlight	XL2-2030
Power Consumption	300W	30W
Lifespan	6,000 Hours	35,000 Hours

Remarks:
• Savings in Electricity Compared to a standard Floodlight luminaire.
• Calculated Operation hours based on 24 hours per day.

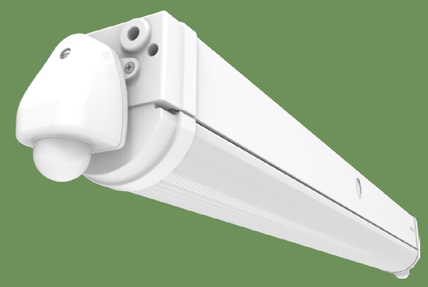
Bulkhead Light

	Circular Fluorescent	LED Light
Light Source	T8	LBHR1120S (11-inch)
Power Consumption	32W+8W	20W (Fully ON) 6W (Standby)
Lifespan	6,000 Hours	35,000 Hours

Remarks:
• Savings in Electricity Compared to a standard T8 Circular Fluorescent luminaire.
• Calculated Operation hours based on 24 hours per day.
• Sensor Light 90% on standby mode and 10% in operations.
**Standby @30% brightness.*

“Simple switch to
LED luminaires”

Batten Fitting



The batten fittings are perfect replacements for 2-feet and 4-feet T8 fluorescent fixtures. The batten fitting series provide lighting designers and consultants a total performance solution that combine the latest LED lighting technology with anti-dust and anti-rust aluminium housing.

Designed for complex and dynamic workplaces, there is an option for dual motion sensors for bi-level lighting control and / or battery pack for emergency lighting.

Features

Total Performance

- Glare control with the usage of a diffuser
- High performance driver
- 50,000 hours long lifespan
- Complies with IEC standards
- Complies with IP54 requirements

Solid Metal Housing

- Extruded aluminium/ steel with PR12 powder coating
- Anti-rust

Applications

- Indoor lighting (e.g. corridor, staircase, walkway, lift lobby, etc.)
- Car park lighting
- Emergency lighting (e.g. corridor, staircase, escape tunnel, etc.)

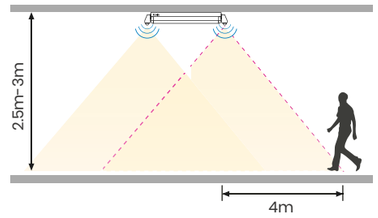
Batten Fitting

Additional Functions

- Optional motion sensors mounted on both ends to provide bi-directional sensing, well suited for stairwell and walkway applications
- Emergency lighting deployment with additional battery backup power, ensuring at least 2 hours of lighting during power failure

Detection Range

The motion sensor covers a detection range of 4m radius, when mounted at a height of 2.5m - 3m.

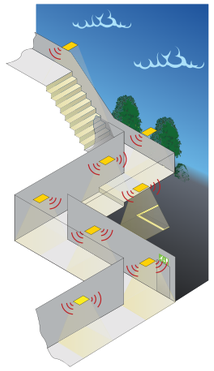


Dual Motion Sensor
Batten Fitting

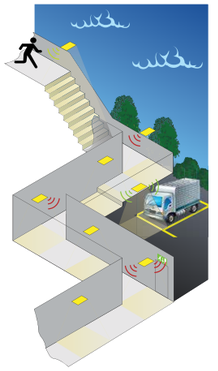
Emergency Lighting
with Sensor
Batten Fitting

LED Batten Fitting (with Dual Motion Sensor)

With sensors, the batten fitting series illuminate at 30% of its normal power rating, providing maximum illumination only when movement is detected. After leaving the detection range, the Batten fitting series will remain illuminated at 100% for a period of time.



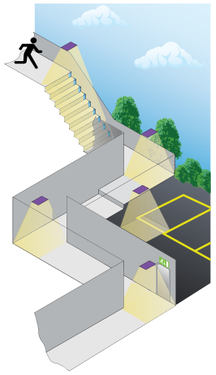
Absence of Motion
(Batten fitting series operate at only 30%)



Person / Object Detected
(Batten fitting series will remain illuminated at 100%)

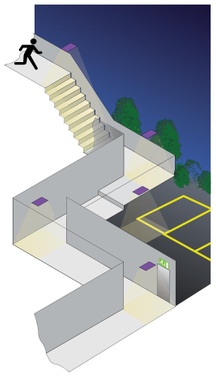
Emergency Lighting Function (2 hrs)

The batten fitting series are installed along emergency exit paths to provide illumination in case of an emergency or power outage.



Emergency Lighting
(Normal Mode)

The batten fitting works at full power and the backup battery in the light fixture is constantly charged to ensure full battery power when the need arises.



Emergency Lighting
(Backup Mode)

During an emergency such as a power outage, the battery pack goes into action, providing 2 hours of illumination.

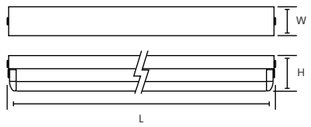
LF

Warm White 3000K | Cool White 4000K

	LF212(LTA)
Electrical Power Consumption	7W
Luminous Flux	700 lm
Operating Input Voltage	220-240 Vac
Operating Frequency	50/60Hz
Power Factor	0.9
Colour Rendering Index	>80
Colour Temperature	3000K
Luminaire IP Rating	IP 65
Base Material	Electro-galvanized metal SECC with 120g/mm2 Zinc density with PR12 powder coating
Diffuser	Polycarbonate
Alternative	T5 Fluorescent 14W T8 Fluorescent 18W
Certified	CE, RoHS, TÜV SÜD PSB

LF/LF-S **2ft**

601(L) x 60(W) x 78(H)mm



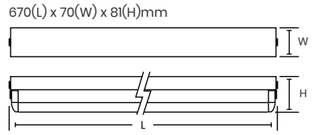
LFE G2/LFE-S G2
LFE-B G2 /LFE-BS

Warm White 3000K | Cool White 4000K | Daylight 6500K

	LFE207 G2	LFE207B G2	LFE207BS G2	LFE207S G2
Electrical Power Consumption	7W		7W (Typical); 2W (Standby Mode)	
Luminous Flux	850 lm			
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.95			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
Luminaire IP Rating	IP54			
Base Material	Anti-Corrosion Aluminum with PR12 powder coating			
Diffuser	Polycarbonate			
Rated Duration	-	>2Hrs @ 30% Light Output		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V / 1600mAh		-
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring		-
Charge Time	-	24 Hrs		-
Detection Zone	-		360° / 8m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		140°	
ON Time	-		1 min (When motion is detected)	
Sensor IP Rating	-		IP21	
Replacement For	T5 Fluorescent 14W T8 Fluorescent 18W			
Certified	CE, RoHS, TÜV SÜD PSB			
Dimming Control	0 - 10V			

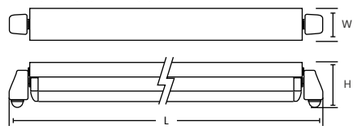
LFE G2/LFE-B G2 **2ft**

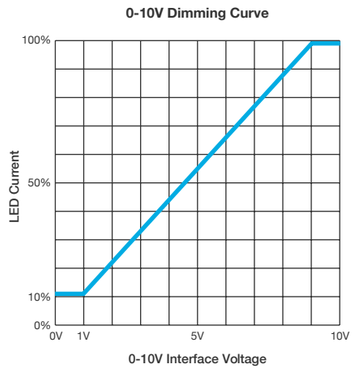
670(L) x 70(W) x 81(H)mm



LFE-BS G2/LFE-S G2 **2ft**

747(L) x 70(W) x 86.4(H)mm





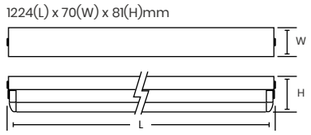
Batten Fitting

LFE G2/LFE-S G2
LFE-B G2 /LFE-BS G2

	LFE414 G2	LFE414B G2	LFE414BS G2	LFE414S G2
Electrical Power Consumption	14W		14W (Typical); 4.2W (Standby Mode)	
Luminous Flux	1700 lm			
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.95			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
Luminaire IP Rating	IP54			
Base Material	Anti-Corrosion Aluminum with PR12 powder coating			
Diffuser	Polycarbonate			
Rated Duration	-	>2Hrs @ 30% Light Output		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V / 1600mAh		-
Protection System	-	Low Voltage Cut Off Constant batteries status monitoring		-
Charge Time	-	24 Hrs		-
Detection Zone	-		360° / 8m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		140°	
ON Time	-		1 min (When motion is detected)	
Sensor IP Rating	-		IP21	
Replacement For	T5 Fluorescent 28W T8 Fluorescent 36W			
Certified	CE, RoHS, TÜV SÜD PSB			
Dimming Control	0 - 10V			

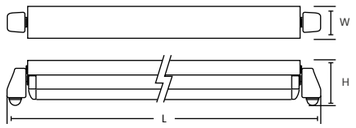
LFE G2/LFE-B G2 **4ft**

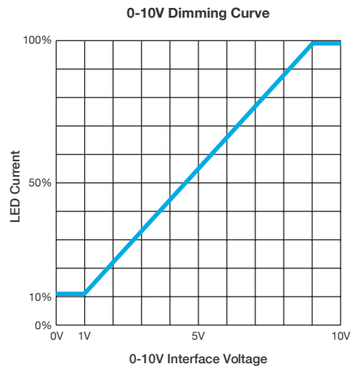
1224(L) x 70(W) x 81(H)mm



LFE-BS G2/LFE-S G2 **4ft**

1301(L) x 70(W) x 86.4(H)mm





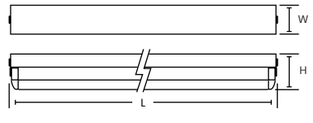
Batten Fitting

LFE-H G2/LFE-HS G2
LFE-HB G2 /LFE-HBS G2

	LFE213H G2	LFE213HB G2	LFE213HBS G2	LFE213HS G2
Electrical Power Consumption	13W		13W (Typical); 4.3W (Standby Mode)	
Luminous Flux	1500 lm			
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.95			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
Luminaire IP Rating	IP54			
Base Material	Anti-Corrosion Aluminum with PR12 powder coating			
Diffuser	Polycarbonate			
Rated Duration	-	>2Hrs @ 15% Light Output		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V / 1600mAh		-
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring		-
Charge Time	-	24 Hrs		-
Detection Zone	-		360° / 8m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		140°	
ON Time	-		1 min (When motion is detected)	
Sensor IP Rating	-		IP21	
Alternative	2 x T5 Fluorescent 14W 2 x T8 Fluorescent 18W			
Certified	CE, RoHS, TÜV SÜD PSB			
Dimming Control	0 - 10V			

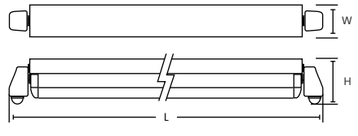
LFE-H G2/LFE-HB G2 **2ft**

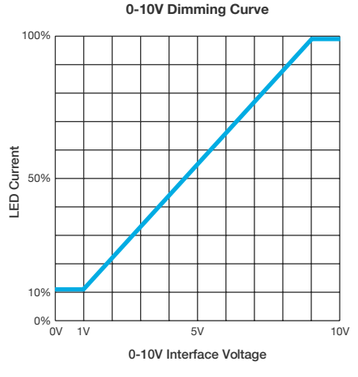
670(L) x 70(W) x 81(H)mm



LFE-HBS G2/LFE-HS G2 **2ft**

747(L) x 70(W) x 86.4(H)mm





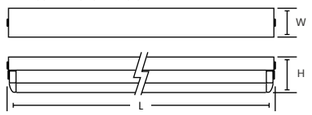
Batten Fitting

LFE-H G2/LFE-HS G2
LFE-HB G2 /LFE-HBS G2

	LFE426H G2	LFE426HB G2	LFE426HBS G2	LFE426HS G2
Electrical Power Consumption	26W		26W (Fully ON); 8.6W (Standby Mode)	
Luminous Flux	3000 lm			
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.95			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
Luminaire IP Rating	IP54			
Base Material	Anti-Corrosion Aluminum with PR12 powder coating			
Diffuser	Polycarbonate			
Rated Duration	-	>2Hrs @ 30% Light Output		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V / 1600mAh		-
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring		-
Charge Time	-	24 Hrs		-
Detection Zone	-		360° / 8m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		140°	
ON Time	-		1 min (When motion is detected)	
Sensor IP Rating	-		IP21	
Alternative	2 x T5 Fluorescent 28W 2 x T8 Fluorescent 36W			
Certified	CE, RoHS, TÜV SÜD PSB			
Dimming Control	0 - 10V			

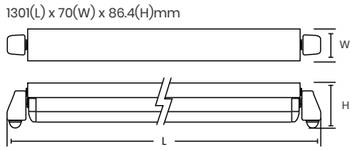
LFE-H G2/LFE-HB G2 **2ft**

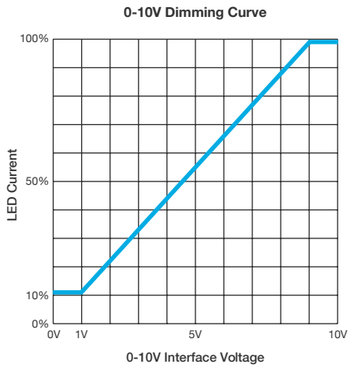
1224(L) x 70(W) x 81(H)mm



LFE-HBS G2/LFE-HS G2 **2ft**

1301(L) x 70(W) x 86.4(H)mm





“Direct Replacement
for PLC Downlight”

Downlight

3.5-inch, 4-inch, 6-inch and 8-inch LED recessed downlights with integrated driver, are excellent alternatives for traditional PLC and halogen downlights.

With its revolutionary heat dissipation technology, the downlight series have achieved superior performance and are ideal for retail, commercial and residential installations.

Features

Total Performance

- High efficiency and uniform illumination
- No excessive heat output from LED
- Energy savings
- Power factor >0.9
- The LDRA-LG model is designed for visual comfort with glare reducing housing

Direct Replacement

- Easy to install in new or retrofit installations
- Same cutting hole size as traditional fitting
- Fitting complete with flex and plug attached

Quality Finishing

- Powder-coated white with PMMA diffuser
- IP20 rating / IP44 rating (Trim only)
- Zero glass, mercury, toxic material

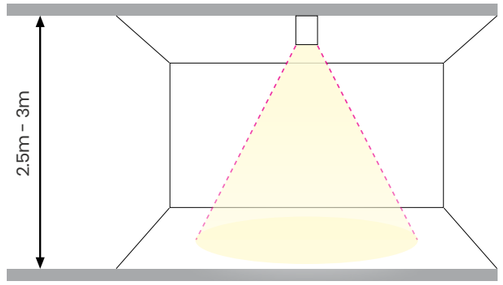
Applications

- Offices, shopping malls, hospitals and commercial areas
- Elegant lighting in reception areas, lobbies, corridors and hotel rooms
- Effective lighting in kitchens, bathrooms and living rooms

Downlight

Beam Angle

Wide beam angle enhances light distribution providing uniform lighting for a larger area compared to conventional downlight.

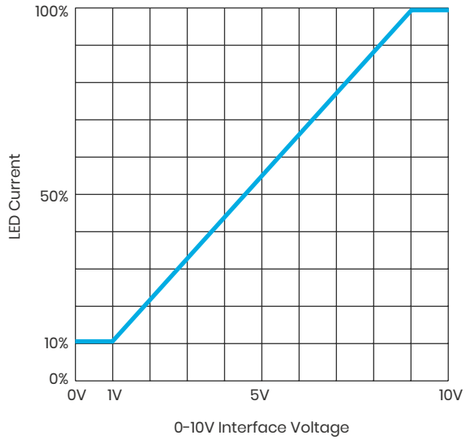


Dimmable Downlight
LDR / LDS / BDR / ZDR

Low Glare Downlight
LDRA-LG-D

Downlight
LDRA / LDSA

0-10V Dimming Curve
(for LDRA-LG-D only)



Dimmable
(for LDR / LDS)

The dimming capability of LDR / LDS series can bring lumen output down to 30%, providing inconspicuous ambient lighting which is ideal for a comfortable and relaxing atmosphere.

Ambient Lighting
(for LDR412A only.)

The additional ambient lighting provides unique and stylish lighting effect with its soft warm white glow.

LDR
Dimmable Downlight

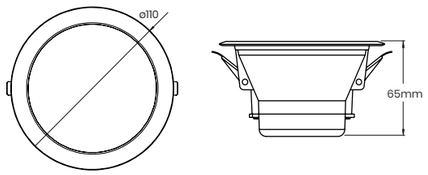
	LDR410	LDR3H12
Electrical Power Consumption	10W	9W
Luminous Flux	800 lm	850 lm
Operating Input Voltage	220-240 Vac	
Operating Frequency	50/60Hz	
Power Factor	0.9	
Colour Rendering Index	>80	
Colour Temperature	3000K	3000K/4000K/6500K
Lifespan	35,000 Hrs	
Luminaire IP Rating	IP44 (Trim Only)	
Rated Duration	-	
Type of Battery	-	
Batteries Capacity	-	
Protection System	-	
Charge Time	-	
Base Material	Aluminum Die-Cast	Plastic Casing With Embedded Aluminium Heatsink
Diffuser	-	PMMA
UGR	<22	-
Dimming Control	-	Leading / Trailing Edge Phase Cutting Dimmer
Compliance	CE, RoHS, TÜV SÜD PSB	CE, RoHS
Replacement	1 x 18 W PLC 50 W Halogen	

LDR410

Size: 3.5in ø85x85(H)mm, Cut-Out size: ø60mm

LDR3H12

Size: 3.5in ø110x65(H)mm, Cut-Out size: ø90-95mm

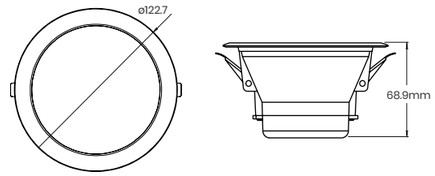


LDR
Dimmable Downlight

	LDR412	LDR412A
Electrical Power Consumption	9W	11W
Luminous Flux	850 lm	750 lm
Operating Input Voltage	220-240 Vac	
Operating Frequency	50/60Hz	
Power Factor	0.9	
Colour Rendering Index	>80	
Colour Temperature	3000K/4000K/6500K	
Lifespan	35,000 Hrs	
Luminaire IP Rating	IP44 (Trim Only)	
Base Material	Plastic Casing With Embedded Aluminium Heatsink	
Diffuser	PMMA	-
Dimming Control	Leading / Trailing Edge Phase Cutting Dimmer	
UGR	-	<19
Rated Duration	-	
Type of Battery	-	
Batteries Capacity	-	
Protection System	-	
Charge Time	-	
Compliance	CE, RoHS	
Replacement	1 x 18 W PLC 50 W Halogen	

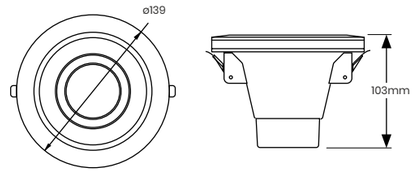
LDR412

Size: 4in ø122.7x68.9(H)mm, Cut-Out size: ø110mm



LDR412A

Size: 4in ø139x103(H)mm, Cut-Out size: ø116mm

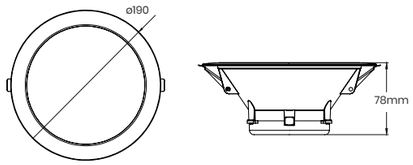


LDR / LDS
Dimmable Downlight

	LDR607E	LDR607E B	LDR607E G2	LDR607E B G2	LDR612E G2	LDR612E B G2
Electrical Power Consumption	7W		7W		9W	
Luminous Flux	700 lm		700 lm		800 lm	
Operating Input Voltage	220-240 Vac					
Operating Frequency	50/60Hz					
Power Factor	0.9					
Colour Rendering Index	>80					
Colour Temperature	3000K/4000K/6500K					
Lifespan	35,000 Hrs					
Luminaire IP Rating	IP44 (Trim Only)					
Rated Duration	-	3 Hrs	-	3 Hrs	-	3 Hrs
Type of Battery	-	High Temperature Nickel Cadmium	-	High Temperature Nickel Cadmium	-	High Temperature Nickel Cadmium
Batteries Capacity	-	3.6V / 1600mAh	-	3.6V / 1600mAh	-	3.6V / 1600mAh
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring	-	Low Voltage Cut-Off Constant batteries status monitoring	-	Low Voltage Cut-Off Constant batteries status monitoring
Charge Time	-	<12 Hrs	-	<12 Hrs	-	<12 Hrs
Base Material	Plastic Casing With Embedded Aluminium Heatsink					
Diffuser	PMMA					
UGR	-					
Dimming Control	Leading / Trailing Edge Phase Cutting Dimmer		0 - 10V		Leading / Trailing Edge Phase Cutting Dimmer	
Compliance	CE, RoHS					
Replacement	1 x 18 W PLC 50 W Halogen					

LDR607E/ LDR607E B/ LDR607E G2/ LDR607E B G2
LDR612E G2/ LDR612E B G2

Size: 6in ø190x78(H)mm, Cut-Out size: ø180mm

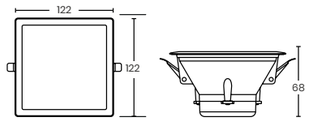


LDSA
Dimmable Downlight

	LDS412	LDSA616	LDSA624	LDSA630
Electrical Power Consumption	9W	16W	24W	30W
Luminous Flux	850 lm	1400 lm 1600 lm 1600 lm	2100 lm 2300 lm 2300 lm	2800 lm 3000 lm 3000 lm
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>80	85		
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
Luminaire IP Rating	IP44 (Trim Only)			
Base Material	Plastic Casing With Embedded Aluminium Heatsink	Aluminium With White Matt Finish		
Diffuser	PMMA			
Dimming Control	Leading / Trailing Edge Phase Cutting Dimmer	-		
Rated Duration	-	3 Hrs		
Type of Battery	-	High Temperature Nickel Cadmium		
Batteries Capacity	-			
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring		
Charge Time	-	<12 Hrs		
Compliance	CE, RoHS			
Replacement	1 x 18 W PLC 50 W Halogen	2 x 13 W PLC 1 x 26 W PLC	2 x 18 W PLC	2 x 26 W PLC

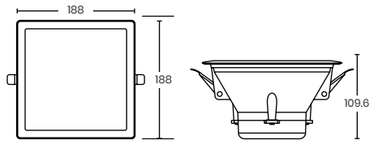
LDS

Size: 4in 122(L) x 122(W) x 68(H)mm, Cut-Out size: 112 x 112mm



LDSA

Size: 6in ø188x109.6(H)mm, Cut-Out size: ø175mm

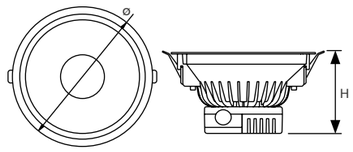


LDRA-LG-D
Dimmable Low Glare Downlight

	LDRA616-LG-D	LDRA624-LG-D	LDRA630-LG-D
Electrical Power Consumption	16W	24W	30W
Luminous Flux	1400 lm 1600 lm 1600 lm	2100 lm 2300 lm 2300 lm	2800 lm 3000 lm 3000 lm
Operating Input Voltage	220-240 Vac		
Operating Frequency	50/60Hz		
Power Factor	0.9		
Colour Rendering Index	85		
Colour Temperature	3000K/4000K/6500K		
Lifespan	35,000 Hrs		
Luminaire IP Rating	IP44 (Trim Only)		
Base Material	Aluminium With White Matt Finish		
Diffuser	PMMA		
UGR	<19		
Dimming Control	0 - 10V		
Rated Duration	-		
Type of Battery	-		
Batteries Capacity	-		
Protection System	-		
Charge Time	-		
Compliance	CE, RoHS		
Replacement	2 x 13 W PLC 1 x 26W PLC	2 x 18W PLC	2 x 26W PLC

LDRA6-LG-D

Size: 6in ø194 x 125 (H) mm, Cut-Out size: ø175mm

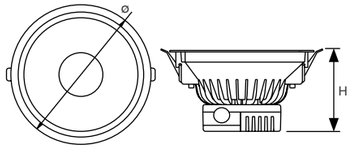


LDRA-LG-D
Dimmable Low Glare Downlight

	LDRA816-LG-D	LDRA824-LG-D	LDRA830-LG-D	LDRA840-LG-D
Electrical Power Consumption	16W	24W	30W	40W
Luminous Flux	1400 lm 1600 lm 1600 lm	2100 lm 2300 lm 2300 lm	2800 lm 3000 lm 3000 lm	3800 lm 4000 lm 4000 lm
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	85			
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
Luminaire IP Rating	IP44 (Trim Only)			
Base Material	Aluminium With White Matt Finish			
Diffuser	PMMA			
UGR	<19			
Dimming Control	0 - 10V			
Rated Duration	-			
Type of Battery	-			
Batteries Capacity	-			
Protection System	-			
Charge Time	-			
Compliance	CE, RoHS			
Replacement	1 x 18 W PLC	2 x 13W PLC 1 x 26W PLC	2 x 18W PLC	2 x 26W PLC

LDRA8-LG-D

Size: 8in ø244x126.4 (H)mm, Cut-Out size: ø225mm



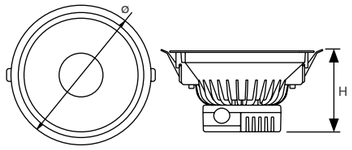
LDRA
Downlight

100°-112° | IP44 | Warm White 3000K | Cool White 4000K | Daylight 6500K

	LDRA607	LDRA611	LDRA612	LDRA616
Electrical Power Consumption	7W	11W	10.5W	16W
Luminous Flux	700 lm	1000 lm	700 lm	1400 lm 1600 lm 1600 lm
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	85			
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
Luminaire IP Rating	IP44 (Trim Only)			
Base Material	Aluminium With White Matt Finish			
Diffuser	PMMA			
Dimming Control	-			
Rated Duration	3 Hrs			
Type of Battery	High Temperature Nickel Cadmium			
Batteries Capacity	-			
Protection System	Low Voltage Cut-Off Constant batteries status monitoring			
Charge Time	<12 Hrs			
Compliance	CE, RoHS			
Replacement	1 x 18 W PLC	2 x 13W PLC	1 x 18 W PLC	2 x 13W PLC 1 x 26W PLC

LDRA6

Size: 6in ø184.9x109.6(H)mm, Cut-Out size: ø175mm



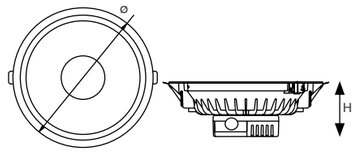
LDRA
Downlight

100°-112° | IP20 | Warm White 3000K | Cool White 4000K | Daylight 6500K

	LDRA624	LDRA630	LDRA824	LDRA830
Electrical Power Consumption	24W	30W	24W	30W
Luminous Flux	2100 lm 2300 lm 2300 lm	2800 lm 3000 lm 3000 lm	2100 lm 2300 lm 2300 lm	2800 lm 3000 lm 3000 lm
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	85			
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
Luminaire IP Rating	IP44 (Trim Only)			
Base Material	Aluminium With White Matt Finish			
Diffuser	PMMA			
Dimming Control	-			
Rated Duration	3 Hrs			
Type of Battery	High Temperature Nickel Cadmium			
Batteries Capacity	-			
Protection System	Low Voltage Cut-Off Constant batteries status monitoring			
Charge Time	<12 Hrs			
Compliance	CE, RoHS			
Replacement	2 x 18W PLC	2 x 26W PLC	2 x 18W PLC	2 x 26W PLC

LDRA8

Size: 8in ø240x91(H)mm, Cut-Out size: ø225mm



“Alternative solution
for T5 Cove lights”

The T5 Fitting series is a compact low profile T5 LED fitting which saves up to 50% energy compared to a standard T5 fluorescent luminaire. Available in 1-feet, 2-feet , 3-feet and 4-feet, the T5 fitting series is ideal for cove lighting, cabinet lighting and other interior decoration applications.

Cove lighting is commonly used for interior decorative applications. The T5 Fitting series is ideal for cove and indirect lighting applications. With its slim design and cascadable feature, the T5 fittings can be used for general ambient, furniture, under-cabinet, mirror-side and corridor lighting.

Features

Cascadable

- Able to join multiple lighting fixtures without additional wiring

Compact Casing

- Light weight and ultra slim
- Easy to install and fit well into tight spaces

Superb Performance

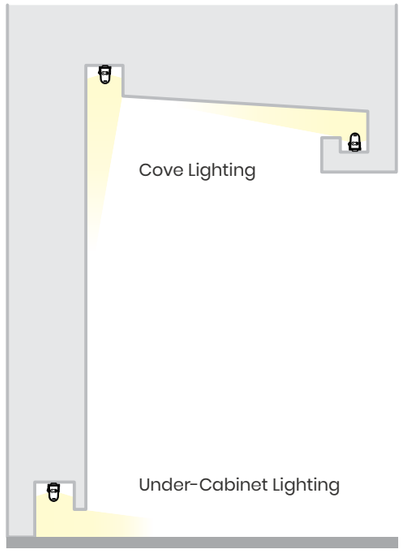
- Seamless light – no black spots when joining multiple lighting fixtures
- High performance frosted diffuser ensures minimum light loss and even light distribution
- High CRI with good colour reproduction
- Long lifespan of 35,000 hours

Applications

- Residential lighting (e.g. general ambient, furniture, under-cabinet, mirror-side, corridor lighting)
- Commercial and retail lighting (e.g. display racks, suspended, cove, shop windows, light lines, partition light for office, shops, hotels and restaurants)

Cove Lighting

Installation & Application



Cascadability

Able to join multiple lighting fixture without additional cabling.

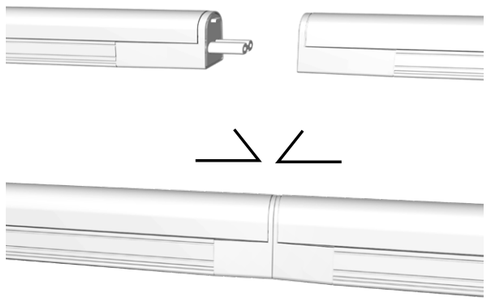
Max. number of fixtures for linking: 8pcs

Retractable
AC Plug (Outlet)

AC Socket
(Inlet)

Seamless Light

No black spot when joining multiple lighting fixtures.



LFC
T5 Fitting

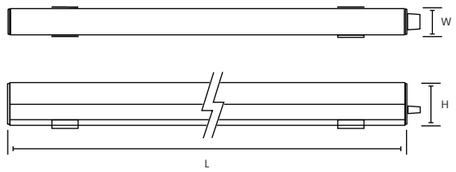
C8 IP20 Warm White 3000K Cool White 4000K Daylight 6500K

	LFC-105	LFC-209	LFC-313	LFC-417
Electrical Power Consumption	5W	9W	13W	17W
Luminous Flux	300 lm	600 lm	900 lm	1200 lm
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>70			
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
IP Rating	IP20			
Cascadable	C8 Connector (maximum 8 pieces)			
Compliance	CE, RoHS			
Replacement	1 x T5 Fluorescent 8W	1 x T5 Fluorescent 14W	1 x T5 Fluorescent 21W	1 x T5 Fluorescent 28W

LFC

Size:

1ft 300(L) x 25(W) x 39(H)mm
2ft 600(L) x 25(W) x 39(H)mm
3ft 900(L) x 25(W) x 39(H)mm
4ft 1200(L) x 25(W) x 39(H)mm



LFC2
T5 Fitting

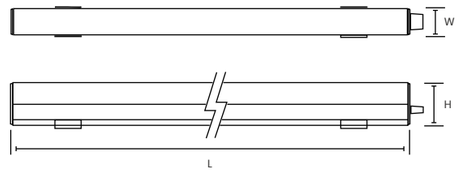
C8 IP20 Warm White 3000K Cool White 4000K Daylight 6500K

	LFC2-104	LFC2-208	LFC2-312	LFC2-416
Electrical Power Consumption	4W	8W	12W	16W
Luminous Flux	350 lm	700 lm	1050 lm	1400 lm
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>70			
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
IP Rating	IP20			
Cascadable	C8 Connector (maximum 8 pieces)			
Compliance	CE, RoHS			
Replacement	1 x T5 Fluorescent 8W	1 x T5 Fluorescent 14W	1 x T5 Fluorescent 21W	1 x T5 Fluorescent 28W

LFC2

Size:

1ft 300(L) x 25(W) x 43(H)mm
2ft 600(L) x 25(W) x 43(H)mm
3ft 900(L) x 25(W) x 43(H)mm
4ft 1200(L) x 25(W) x 43(H)mm



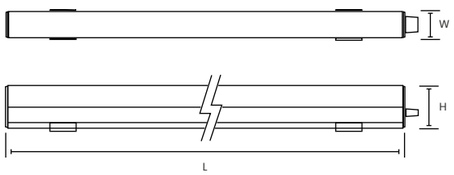
LFC3
T5 Fitting

	LFC3-104	LFC3-208	LFC3-312	LFC3-416
Electrical Power Consumption	4W	8W	12W	16W
Luminous Flux	500 lm	1000 lm	1500 lm	2000 lm
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>70			
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
IP Rating	IP20			
Cascadable	C8 Connector (maximum 8 pieces)			
Compliance	CE, RoHS			
Replacement	1 x T5 Fluorescent 8W	1 x T5 Fluorescent 14W	1 x T5 Fluorescent 21W	1 x T5 Fluorescent 28W

LFC3

Size:

1ft 300(L) x 25(W) x 43(H)mm
2ft 600(L) x 25(W) x 43(H)mm
3ft 900(L) x 25(W) x 43(H)mm
4ft 1200(L) x 25(W) x 43(H)mm



“**FLEXLED strip,**
for flexible light source”

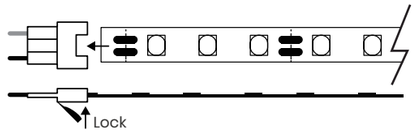
LED Strip

The FLEXLED series is a ideal for various decorative lighting applications, such as façade accent lighting, ceiling integration, cove lighting and for aluminium extrusions. Only measuring 8mm thin, the FLEXLED strip width is perfect for applications where space is at a premium and with the ease of concealment.

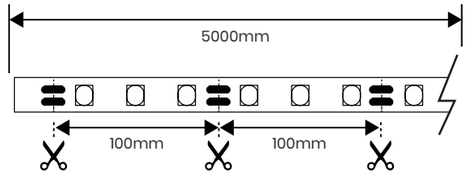
LED Strip

Installation & Application

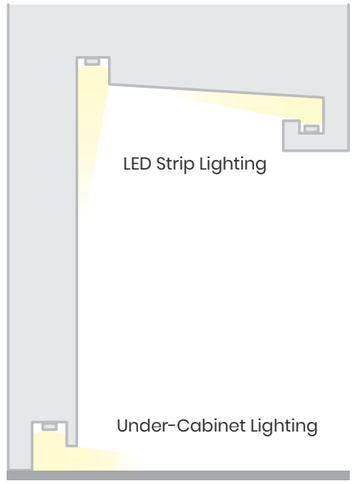
- Insert the strip into the connector and lock it by pressing down the top of the connector



- The insertion length of the strip must be at least 4mm (cut the strip at the dotted lines)



5 Metre reel, with 100mm cut-options



Features

- Luminous flux range of 1,000, 1,500, 2,000 and 2,500 lm/m
- Colour temperatures of 2,700, 3,000, 4,000 and 6,500K
- Efficacy of the module up to 141 lm/W at tp = 65
- Long life-time of up to 50,000 hours
- Self-adhesive 3M tape at the back of strip for simplemounting on different surfaces

Applications

- Residential lighting (e.g. general ambient, furniture, under-cabinet, mirror-side, corridor lighting)
- Commercial and retail lighting (e.g. display racks, suspended, cove, shop windows, light lines, partition light for office, shops, hotels and restaurants)

8mm Thin Strip Width

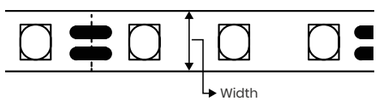
Self-adhesive 3M Tape for Easy Mounting

FLEXLED 8/100

Flexible · Weight · Warm White 2700K · Warm White 3000K · Cool White 4000K · Daylight 6500K

	1000LM/M	1500LM/M	2000LM/M	2500LM/M
Electrical Power Consumption	7.4 W/m 7.1 W/m 6.6 W/m 6.6 W/m	11.2 W/m 10.9 W/m 10 W/m 10 W/m	15.6 W/m 14.9 W/m 13.9 W/m 13.9 W/m	19.9 W/m 18.9 W/m 17.6 W/m 17.6 W/m
Operating Input Voltage	24 Vdc			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>80			
Luminous Flux	1000 lm/m	300 lm 600 lm 900 lm 1200 lm		
Colour Temperature	2700K 3000K 4000K 6500K	2700K		
Lifespan	50,000 Hrs			
Beam Characteristics	120 °C			
ESD Classification	8KV (Severity Level 4)			
IP Rating	IP00			
Compliance	CE, RoHS			

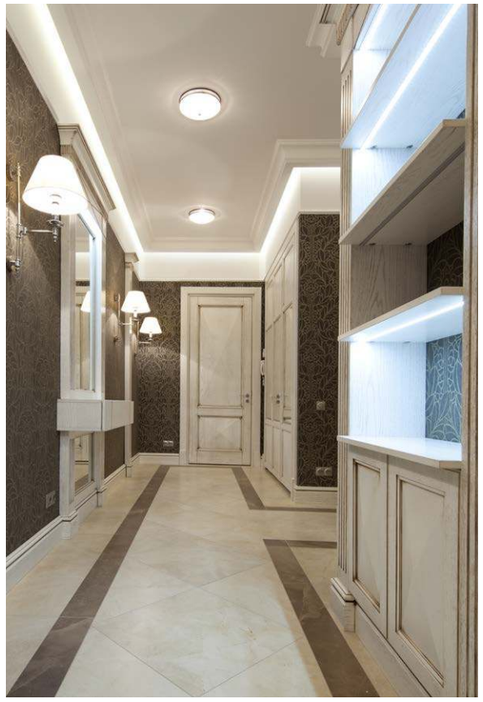
Size: 5m 5000(L) x 8(W)mm



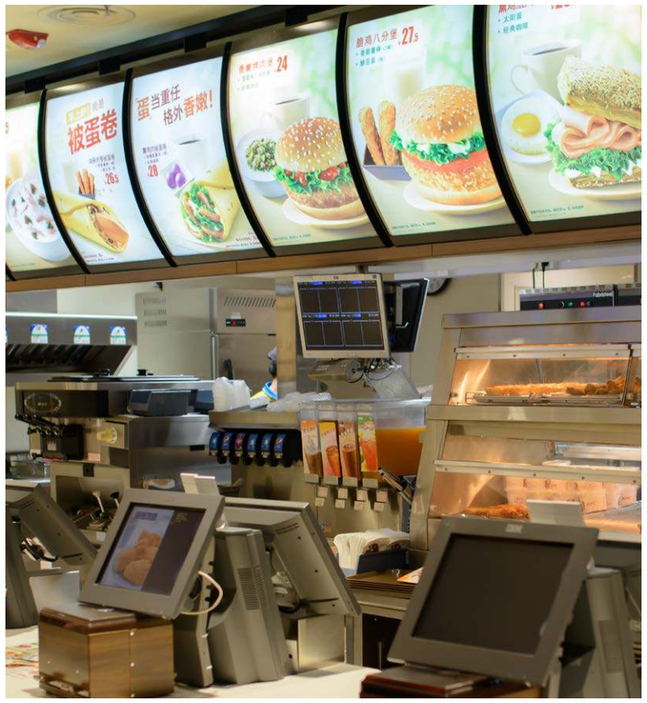
“**Energy efficient**,
suitable for powering various
LED products such as
strip lights and LED bars”

LED Drivers

The Economic LED Drivers are designed to be energy efficient and effective. Designed for a single direct current output voltage supplying 24VDC, these drivers come in 4 different output configurations and are highly suitable to power LED products such as strip lights and LED bars.



Indoor Auxiliary Lighting



Indoor Advertising Backlight

LED Drivers

Features

- Life time 50,000hours
- Installation friendly, Class II
- Efficacy of the module up to 141 lm/W at tp = 65
- With SELV standards, IEC 61347-1, IEC61347-2-13
- Over-load protection
- Short circuit protection
- Over-temperature protection
- Over-voltage protection
- Surge protection

Applications

- Indoor auxiliary lighting
- Panel backlight
- Indoor advertising backlight

High frequency, Compact size and long lifetime. The constant voltage LED drivers, operation with 24VDC LED module, LED strip and other LED application where need 24VDC constant voltage.

Item	35W	65W	120W	180W
Input Voltage	220-240V 50/60Hz			
Input Current	0.22A	0.41A	0.75A	1.1A
ower Factor	>0.9	>0.9	>0.9	>0.9
Output Power	35W	65W	120W	180W
Output Voltage	24VDC	24VDC	24VDC	24VDC
Output Current	1.46A	2.7A	5A	7.5A
lifetime	>50K	>50K	>50K	>50K
Output Connector	1 x 2	1 x 2	2 x 2	3 x 2
Approval marks	ENEC, CE, CB, CCC, SLEV (Plan)			

LDV62H
LED Driver

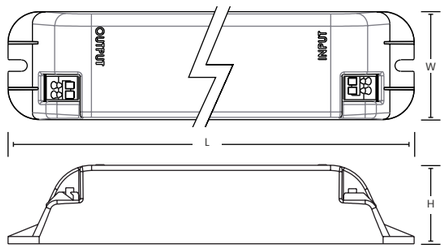
		LDV62H-03524V-V1	LDV62H-06524V-V1	LDV62H-12024V-V1	LDV62H-18024V-V1
Output	Output VOLTAGE(DC)	24V	24V	24V	24V
	Output Current(MAX)	1.46A	2.7A	5A	7.5A
	Output Power(MAX)	0~35W	0~65W	0~120W	0~180W
	Voltage Tolerance	±5%	±5%	±5%	±5%
Input	Operating Input Voltage	220-240 VAC 50/60HZ			
	Voltage Range	180-300 VAC 50/60HZ			
	Frequency Range	47 ~ 63Hz			
	Power Factor	PF>0.90/230VAC @ full load			
	Total Harmonic Distortio	THD< 15% (@ load 100% / 230VAC)			
	EFFICIENCY (Typ.)	87%	88%	89%	91%
	AC CURRENT(Max)	0.22A	0.41A	0.75A	1.1A
Protection	Over Current	95%~ 110%			
		Constant current limiting, recovers automatically after fault condition is removed			
	Short Circuit	Constant current limiting, recovers automatically after fault condition is removed			
	Over Voltage	Shut down o/p voltage with auto-recovery or re-power on to recovery			
	Over Temperature	Shut down o/p voltage, recovers automatically after temperature goes down			
Environment	Working Temp	Tcase = -40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section			
	Max. Case Temp	Tcase = +90°C			
	Working Humidity	20 ~ 95% RH non-condensing			
	Storage Temp., Humidity	40 ~ +80 , 10 ~ 95% RH			
	Vibration	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes			
Safety & EMC	Mark	ENEC,CE,CB,CCC			
	Withstand Voltage	I/P-O/P:3.75KVAC			
	EMC Emission	Compliance to EN55015, EN55032			
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, light industry level (surge immunity, Line-Line 2KV), EAC TP TC 020			

LED Driver 35W
Size: 150(L) x 40(W) x 28(H)mm

LED Driver 65W
Size: 211(L) x 40(W) x 32(H)mm

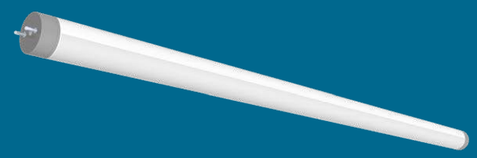
LED Driver 120W
Size: 280(L) x 40(W) x 34(H)mm

LED Driver 180W
Size: 290(L) x 50(W) x 35(H)mm



“Excellent peformance
with various choices”

Light Tube



The Light Tube series is an ideal direct replacement for traditional fluorescent LED tubes. The series offers a uniform light distribution and can last more than twice the lifespan of fluorescent tubes. Light Tube series consists a range of low to high powered LED tubes for various applications.

Features

Eco-Friendly

- All-plastic design prevents electrical shock and enhances safety
- Saves up to 60% in electricity consumption compared to fluorescent tube
- Does not contain mercury

Various Choices

- Available in different wattages and lengths

High Efficiency

- Specially designed and treated diffuser
- Even light distribution with minimal colour degradation
- Flicker-free
- Operating temperature : -30˚C to 45˚C
- Cap base : G13/G5

Applications

- Office lighting
- Corridor lighting
- Shop lighting
- Car park lighting

Light Tube

Up to 60% electrical savings compared to traditional Fluorescent Tube.

Professional Series
(for LT8P2)

LED PRO

The LT8P2 series is targeted at professional users in applications where high lumen output is required. With advanced thermal management and high quality components, the LT8P2 series is able to achieve 125lm/W with high energy savings. It is also easy to install with twice the lifespan of T8 fluorescent tube with environmental friendliness of not containing mercury.

The LT8 LED tubes are perfect replacement for T8 fluorescent tubes without the need for ballast or complicated rewiring. Its beam pattern ensures uniform light distribution and optimises the luminaire's light output ratio. This means that LT8 LED tubes offer low energy, comfortable and above all sustainable lighting for a multitude of applications.

LED Lighting ECO-Solutions

	Fluorescent Tube	LED Light
Light Source	T8 (4-feet)	LT8P2 (4-feet)
Power Consumption	6W+7W	16W
Lifespan	6,000 Hours	50,000 Hours

Remarks: Savings in Electricity Compared to T8 Fluorescent Lights with electronic ballast

LT5G
Light Tube

140° IP20 G5 Cool White 4000K Daylight 6500K

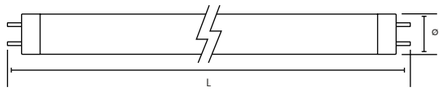
	LT5G-208E	LT5G-416
Electrical Power Consumption	8W	16W
Luminous Flux	1050 lm	2100 lm
Operating Input Voltage	220 – 240 Vac	
Operating Frequency	50/60Hz	
Power Factor	0.9	
Colour Rendering Index	>80	
Colour Temperature	4000K/6500K	
Lifespan	35,000 Hrs	
IP Rating	IP20	
Base Material	Polycarbonatev	
Diffuser	Frosted Glass	
Cap Base	G5	
Compliance	CE, RoHS	
Replacement For	1 x T5 Fluorescent 14 W 1 x T8 Fluorescent 18 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W

LT5G

Size:

2ft ø18 x 562 (L) mm

4ft ø18 x 1162 (L) mm



LT8G
Glass Tube

140° IP20 G13 Warm White 3000K Cool White 4000K Daylight 6500K

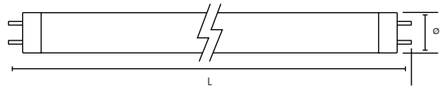
	LT8G-208	LT8G-416	LT8G-420
Electrical Power Consumption	8W	16W	20W
Luminous Flux	650 lm 675 lm 675 lm	1300lm 1350 lm 1350 lm	1710 lm 1890 lm 1890 lm
Operating Input Voltage	220 – 240 Vac		
Operating Frequency	50/60Hz		
Power Factor	0.9		
Colour Rendering Index	>80		
Colour Temperature	3000K/4000K/6500K		
Lifespan	35,000 Hrs		
IP Rating	IP20		
Base Material	Polycarbonate		
Diffuser	Frosted Glass		
Cap Base	G13		
Compliance	CE, RoHS		
Replacement For	1 x T5 Fluorescent 14 W 1 x T8 Fluorescent 18 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W

LT8G

Size:

2ft ø28 x 604 (L) mm

4ft ø18 x 1214 (L) mm



LT8P2
Light Tube- Professional

140° IP20 G13 Warm White 3000K Cool White 4000K Daylight 6500K

	LT8P2-208	LT8P2-416	LT8P2-420	LT8P2-524
Electrical Power Consumption	8W	16W	20W	24W
Luminous Flux	900 lm 1000 lm 1000 lm	1800 lm 2000 lm 2000 lm	2250 lm 2500 lm 2500 lm	2700 lm 3000 lm 3000 lm
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
IP Rating	IP20			
Base Material	Polycarbonate			
Diffuser	Polycarbonate			
Cap Base	G13			
Compliance	CE, RoHS			
Replacement For	1 x T5 Fluorescent 14 W 1 x T8 Fluorescent 18 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W	1 x T8 Fluorescent 58 W

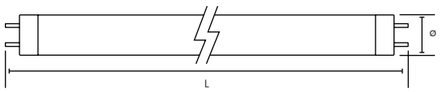
LT8P2

Size:

2ft ø28 x 604 (L) mm

4ft ø28 x 1214 (L) mm

5ft ø28 x 1514 (L) mm



LT8P2-EP
Light Tube- Professional

140° IP20 G13 Warm White 3000K Cool White 4000K Daylight 6500K

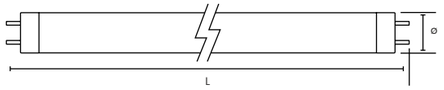
	LT8P2-208EP	LT8P2-416EP	LT8P2-420EP
Electrical Power Consumption	8w	16w	20w
Luminous Flux	900 lm 1000 lm 1000 lm	1800 lm 2000 lm 2000 lm	2250 lm 2500 lm 2500 lm
Operating Input Voltage	220 – 240 Vac		
Operating Frequency	50/60Hz		
Power Factor	0.9		
Colour Rendering Index	>80		
Colour Temperature	3000K/4000K/6500K		
Lifespan	50,000 Hrs		
IP Rating	IP20		
Base Material	Polycarbonate		
Diffuser	Polycarbonate		
Cap Base	G13		
Compliance	CE, RoHS		
Replacement For	1 x T5 Fluorescent 14 W 1 x T8 Fluorescent 18 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W
Rated Duration	3 Hours		
Type of Battery	High Temperature Nickel Cadmium		
Batteries Capacity	3.6V / 2200mAh		
Protection System	Low Voltage Cut-Off		
Charge Time	<12 Hrs		

LT8P2-EP

Size:

2ft ø28 x 604 (L) mm

4ft ø28 x 1214 (L) mm



LT8P3
Light Tube- Professional

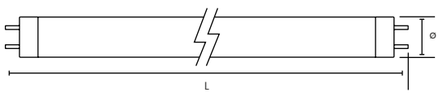
	LT8P3-208	LT8P3-410	LT8P3-414
Electrical Power Consumption	8w	10w	14w
Luminous Flux	1050 lm	1600 lm	2100 lm
Operating Input Voltage	220 – 240 Vac		
Operating Frequency	50/60Hz		
Power Factor	0.9		
Colour Rendering Index	>80		
Colour Temperature	4000K/6500K		
Lifespan	50,000 Hrs		
IP Rating	IP20		
Base Material	Polycarbonate		
Diffuser	Polycarbonate		
Cap Base	G13		
Compliance	CE, RoHS		
Replacement For	1 x T5 Fluorescent 14 W 1 x T8 Fluorescent 18 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W

LT8P2-EP

Size:

2ft ø28 x 604 (L) mm

4ft ø28 x 1214 (L) mm



Light Tube

UV-Free Yellow LED Tube

Up to 50% electrical savings compared to traditional Fluorescent Tube.

Product Description

The UV-Free Yellow LED Tube is the ideal replacement for T8 Yellow fluorescent tubes with up to 50% savings in electrical power. With its low Total Harmonic Distortion (THD) and non-provision of blue and UV light, it is suitable for use at clean rooms, wafer fab and print shops.

Features

Total Performance

- Specially designed and treated diffuser
- Even light distribution with minimal colour degradation
- High Power Factor (>0.9) and Low Current THD (<10%) ensures no pollution of power network

Colour Spectrum

- The LT8P2-62 series can lter all the light below 500nm (blue light)
- Filtration of UV light for optimal performance

Applications

- Major applications in clean room environments e.g. microchip fabrication plants, pharmaceutical manufacturing
- Ideal lighting for anti-exposure sites where UV and blue light need to be reduced e.g. dark rooms, libraries, hospitals and antique rooms

Light Tube

LT8P2-62
Yellow LED Tube

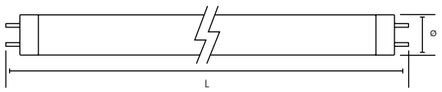
	LT8P2-416-82	LT8P2-520-62
Electrical Power Consumption	14W	20W
Luminous Flux	1600 lm	2100 lm
Operating Input Voltage	220 – 240 Vac	
Operating Frequency	50/60Hz	
Power Factor	0.9	
Colour Rendering Index	>80	
Colour Temperature	2000K - 2400K	
Filter	All light below 500nm	
Lifespan	50,000 Hrs	
Operating Humidity	>90% (RH)	
Harmonic Distortion	Voltage: <1% @230V/50Hz	
	Current: <10% @230V/50Hz	
IP Rating	IP20	
Base Material	Polycarbonate	
Diffuser	Polycarbonate	
Cap Base	G13	
Compliance	CE, RoHS	
Replacement For	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W

LT8P2-62

Size:

4ft ø28 x 1214 (L) mm

5ft ø28 x 1514 (L) mm



“**Outdoor lighting**
with superb coverage”

Flood Light

The Floodlight series is equipped with built-in microwave sensor that can toggle between 0 to 100% brightnesswhich further reduces power consumption. The adjustable light sensor detects surrounding light level and activates the floodlight which can be programmed to operate during low light level.

Features

Superb Performance

- Energy-efficient LED light source provides higher brightness
- Saves up to 80% energy compared to conventional floodlights
- IP65 compliant rugged casing suitable for outdoor applications
- Maintenance-free for lifespan of 35,000 hours
- Separate pan and tilt adjustment gives maximum flexibility for illumination
- Adjustable illuminating duration: 5 / 10 / 30sec / 1 / 5 / 15min
- Adjustable operating mode: Daytime / Dusk / Night

Applications

- Building facade, building mounted focal points and flag lighting
- Signage, landscape lighting, sports field and car parks

Flood Light

Motion Sensor

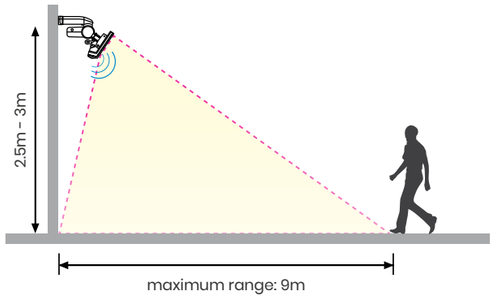
- Built-in microwave motion sensor · Motion sensor detection angle: 30°–150°
- Microwave induction sensitivity: high / medium / low sensitivity control
- Low standby power of <0.5W

Adjustable Angle

Separate pan and tilt adjustment gives maximum flexibility for illumination.

Detection Range

The motion sensor covers a detection range of 4m radius, when mounted at a height of 2.5m - 3m.



Floodlight w/ Microwave Sensor
XL2S-1515 / XL2S-3030

Professional Series

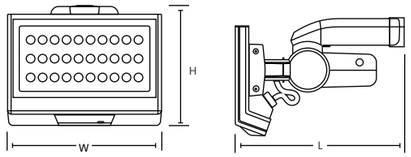
The XL2 PRO series is targeted at professional users in applications where high lumen output is required. It is also easy to install and durable, making it very suitable for outdoor usage. With advanced thermal management, high quality components and motion sensor, the XL2 PRO series is able to achieve excellent efficiency and high energy savings.

XL2 / XL2S
30/60-LEDs Floodlight

	XL2-1515	XL2S-1515	XL2-3030	XL2S-3030
Electrical Power Consumption	15W		30W	
Luminous Flux	1500 lm		3000 lm	
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	35,000 Hrs			
Base Material	Polycarbonate			
Diffuser	PMMA			
Detection Zone	-	360° / 9m Diameter (When mounted at a height of 2.5 – 3.0 m)	-	360° / 9m Diameter (When mounted at a height of 2.5 – 3.0 m)
Detection Angle	-	30° to 150°	-	30° to 150°
ON Time	-	5 secs/ 10 secs/ 30 secs/ 1min/ 5min/ 15min	-	5 secs/ 10 secs/ 30 secs/ 1min/ 5min/ 15min
IP Rating	IP65			
Compliance	CE, RoHS, KEMA KEUR			
Replacement For	35W HID		70W HID	

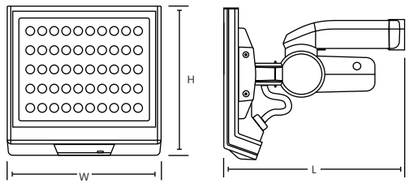
XL2-1515/ XL2S-1515

Size: 235(L) x 210(W) x 164(H) mm (*without guard)



XL2-3030/XL2S-3030

Size: 235(L) x 210(W) x 202(H) mm (*without guard)



LFL
Floodlight

	LFL050	LFL060	LFL080	LFL100	LFL120	LFL150	LFL180	LFL200	LFL240	LFL280	LFL350
Electrical Power Consumption	50W	60W	80W	100W	120W	150W	180W	200W	240W	280W	350W
Luminous Flux	5250 lm	6000 lm	8800 lm	10500 lm	12000 lm	15750 lm	18000 lm	21000 lm	24000 lm	5260 lm	5262 lm
Operating Input Voltage	220-240 Vac										
Operating Frequency	50/60Hz										
Power Factor	0.95										
Colour Rendering Index	>70										
Colour Temperature	3000K/4000K/5700K										
Lifespan	50,000 Hrs										
Beam Angle	25°/ 40°/ 60°/ 90°/ 110°										
IP Rating	IP66										
Base Material	Die-Cast Aluminum										
Diffuser	Optical Lens										
Mounting Device	Mounting Bracket Adjustable										
Replacement For	100W HID	120W HID	150W HID	175W HID	250W HID	320W HID	350W HID	400W HID	400W HID	450W HID	450W HID
Compliance	CE, RoHS										

LFL050
LFL060

Size: 360 (L) x 200 (W) x 95 (H) mm

LFL080
LFL100
LFL120

Size: 360 (L) x 200 (W) x 175 (H) mm

LFL150
LFL180

Size: 360 (L) x 260 (W) x 255 (H) mm

LFL200
LFL240

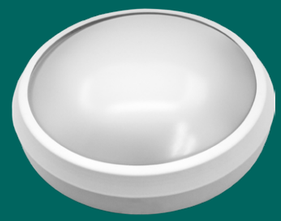
Size: 360 (L) x 260 (W) x 355 (H) mm

LFL280
LFL350

Size: 360 (L) x 360 (W) x 575 (H) mm

“Low profile interior
for wall or
ceiling mounting”

Bulkhead Light



The Bulkhead Light series is a robust, energy efficient and eco-friendly LED luminaire. Saving up to 50% energy, it is suitable of replacement for indoor and outdoor fluorescent luminaire. The circular LED bulkhead series is a well-suited alternative for conventional bulkheads.

Features

Superb Performance

- Energy-efficient LED light source provides high efficiency
- High-performance frosted diffuser produces uniform light distribution with minimal loss
- Rated 35,000 hours lifespan

Additional Functions

- Emergency lighting deployment with additional battery backup power, ensuring at least 2 hours of lighting during power failure
- Built-in microwave motion sensor to provide sensing and toggle between 100% and 12% brightness to provide further operational savings

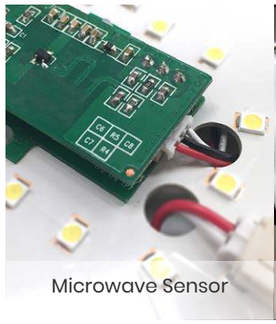
Applications

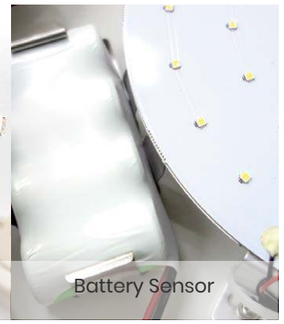
- Residential lighting
- Commercial lighting
- Stairwell and Walkway lighting
- Utilities room

Bulkhead Light

Emergency Lighting Function (2 hours)

The battery pack series come with a high capacity Ni-MH battery and can be used as emergency lighting, ensuring minimum 2 hours of lighting during power failure.

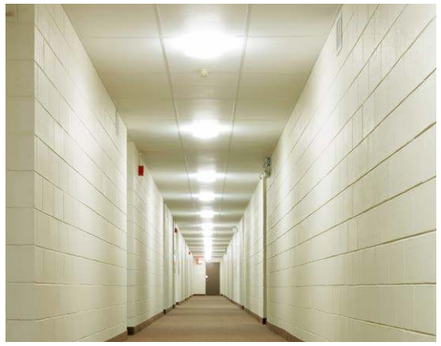

Microwave Sensor


Battery Sensor

Bulkhead with Microwave Sensor
LBHR-S / LBHR-BS

Bulkhead with Battery System
LBHR-S / LBHR-BS

The LBH / LBHR series is ideal for corridor and walkway applications. The optional microwave motion sensor is able to adapt to entrances and exits during the day and ensure that the lights remain off or dimmed during the night. This solution not only leads to energy savings but also simplifies installation and maintenance.



Up to 85% electrical savings compared to standard T8 Circular Fluorescent luminaire.

LBH
Linear Bulkhead Light

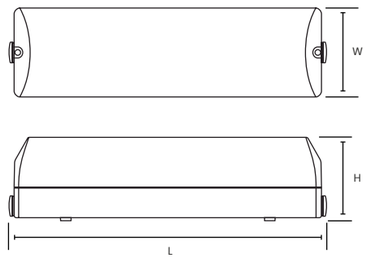
IK07 · IP54 · Warm White 3000K · Cool White 4000K · Daylight 6500K

	LBH107	LBH114
Electrical Power Consumption	7.5W	15W
Luminous Flux	750 lm 800 lm 800 lm	1500 lm 1600 lm 1600 lm
Operating Input Voltage	220-240 Vac	
Operating Frequency	50/60Hz	
Power Factor	0.9	
Colour Rendering Index	>80	
Colour Temperature	3000K/4000K/6500K	
Lifespan	50,000 Hrs	
IP Rating	IP54	
IK Rating	IK07	
Base Material	Polycarbonate	
Diffuser	PMMA	
Replacement For	1 x T5 Fluorescent 14 W 1 x T8 Fluorescent 18 W	1 x T5 Fluorescent 28 W 1 x T8 Fluorescent 36 W
Compliance	CE, RoHS	

LBH

Size: 1ft

370 (L) x 108 (W) x 103 (H)mm



LBHR
Circular Bulkhead Light

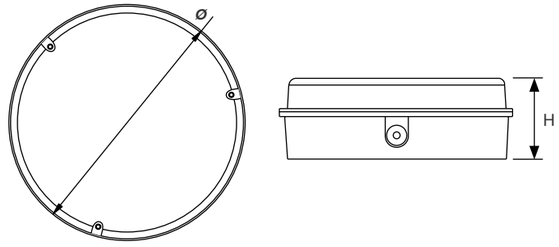
IP65 · Warm White 3000K · Cool White 4000K · Daylight 6500K

	LBHR810	LBHR810S
Electrical Power Consumption	9W	
Luminous Flux	750 lm 800 lm 800 lm	
Operating Input Voltage	220-240 Vac	
Operating Frequency	50/60Hz	
Power Factor	0.9	
Colour Rendering Index	>80	
Colour Temperature	3000K/4000K/6500K	
Lifespan	50,000 Hrs	
IP Rating	IP65	
IK Rating	IK07	
Base Material	Polycarbonate	
Diffuser	PMMA	
Detection Zone	-	360° / 5m Diameter (When mounted at a height of 2.5 – 3.0 m)
Detection Angle	-	150°
ON Time	-	3 min (When motion is detected)
Replacement For	1 x T5 Fluorescent 14 W 1 x T8 Fluorescent 18 W	
Compliance	CE, RoHS	

LBHR

Size: 8in

ø205 x 79 (H) mm



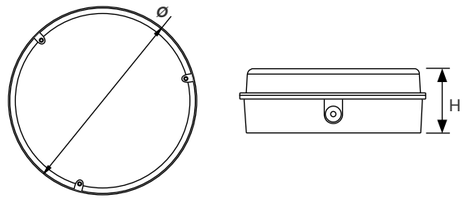
LBHR/LBHR-S/LBHR-B/LBHR-BS
Circular Bulkhead Light

	LBHR1120	LBHR1120B	LBHR1120BS	LBHR1120S
Electrical Power Consumption	18W			
Luminous Flux	1500 lm 1600 lm 1600 lm			
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
IP Rating	IP65			
IK Rating	IK07			
Base Material	Polycarbonate			
Diffuser	PMMA			
Rated Duration	-	2 Hrs		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V / 1600mAh		-
Protection System	-	Low Voltage Cut-Off		-
Charge Time	-	<12 Hrs		-
Detection Zone	-		360° / 5m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		150°	
ON Time	-		3 min (When motion is detected)	
Replacement For	2 x T5 Fluorescent 14 W 2 x T8 Fluorescent 18 W			
Compliance	CE, RoHS			

LBHR/LBHR-S/LBHR-B/LBHR-BS

Size: 11in

ø285 x 95 (H) mm



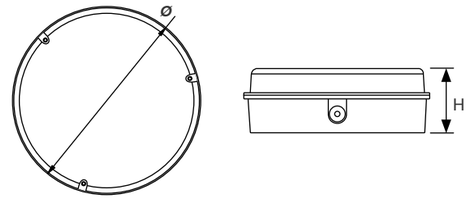
LBHR/LBHR-S/LBHR-B/LBHR-BS
Circular Bulkhead Light

	LBHR1424	LBHR1424B	LBHR1424BS	LBHR1420S
Electrical Power Consumption	22W			
Luminous Flux	1200 lm 1350 lm 1350 lm			
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
IP Rating	IP65			
Base Material	Powder Coated Metal			
Diffuser	PMMA			
Rated Duration	-	2 Hrs		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V / 1600mAh		-
Protection System	-	Low Voltage Cut-Off		-
Charge Time	-	<12 Hrs		-
Detection Zone	-		360° / 5m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		150°	
ON Time	-		3 min (When motion is detected)	
Replacement For	2 x T5 Fluorescent 14 W 2 x T8 Fluorescent 18 W			
Compliance	CE, RoHS			

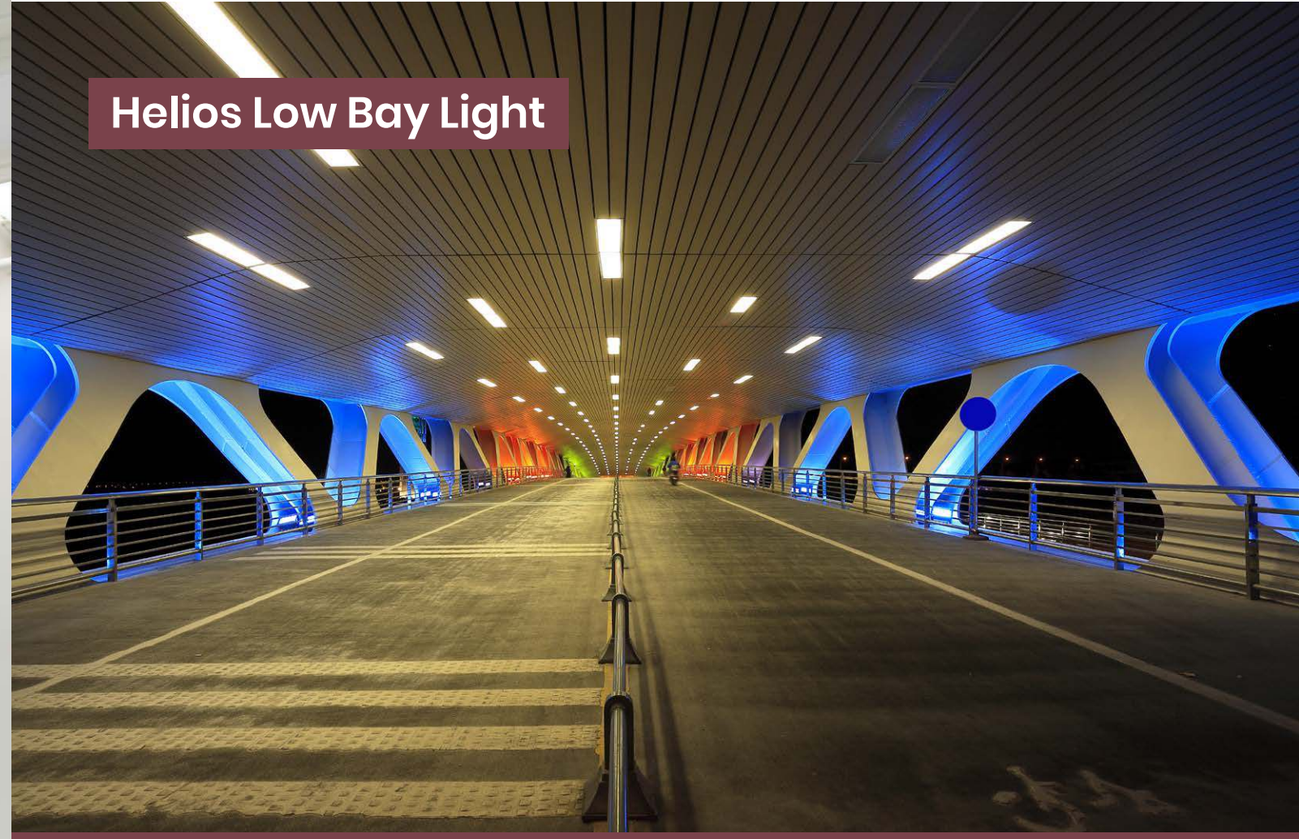
LBHR/LBHR-S/LBHR-B/LBHR-BS

Size: 14in

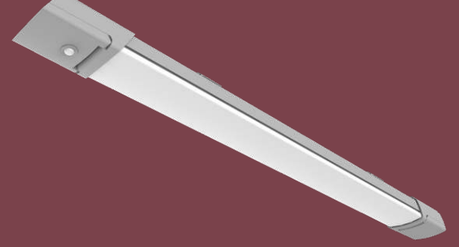
ø355 x 113 (H) mm



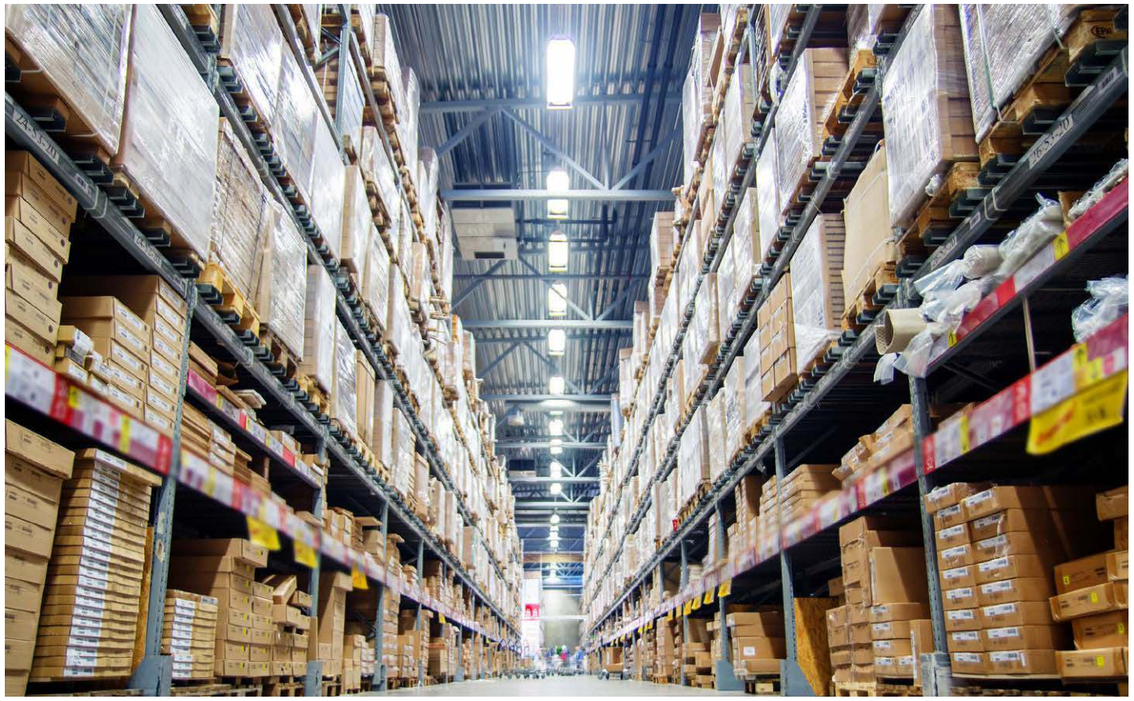
“Low bay light solution”



Helios Low Bay Light



The Helios LED lighting fixtures are designed for installation at low mounting heights of 6m and below. Suitable for installation at car park ramps, cargo loading bays, food processing plants and warehouses, the Helios has an evenly diffused high performance lighting, allowing scalable accessories add-ons such as sensors and batteries for all situational needs.



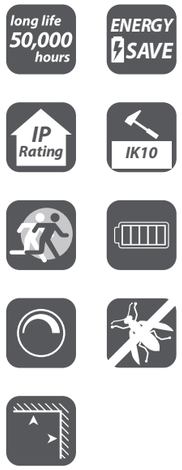
Features

High Performance

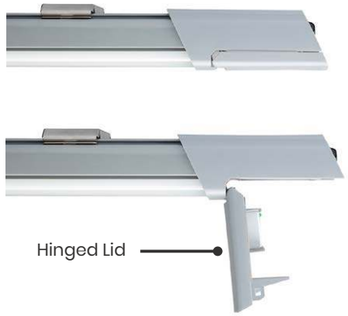
- 1-10V Dimming as Standard
- Dust/Water Ingress Protection - IP66
- Impact Resistance - IK10
- Wide Distribution - Max Utilisation @ 2.5-3m
- Rapid Installation, under 5mins
- Through-wiring as Standard

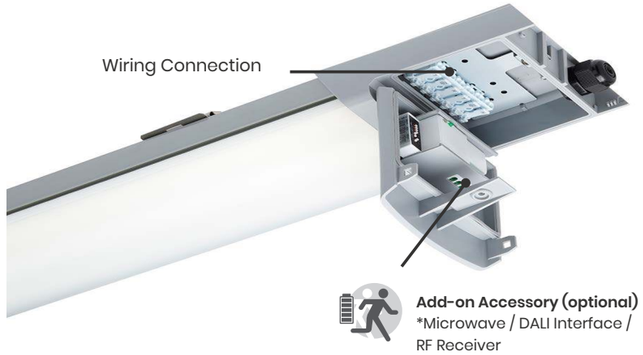
Applications

- Car Parks
- Production Areas
- Warehouse
- Circulaion Space and Amenity
- Factory
- Cold Store
- Wash down and Service area



Helios Low Bay Light





Add-on Accessory (optional)
*Microwave / DALI Interface / RF Receiver

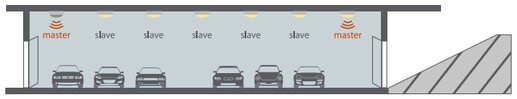
Microwave Sensor
Helios 1200 HE/Helios 1200 HO

Emergency Lighting with Sensor
Helios 1200 HE EM3 / Helios 1200 HO EM3

With insufficient natural light, the sensor is triggered by motion, the master switches on the light and send RF signal to all slaves.

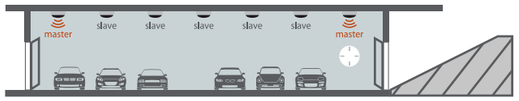
After the HOLD-Time, the whole group of lamps dim to predefined dimming level when on movement detected.

Note:the lights go OFF directly after HOLD-Time when controlled by HC023RF.



The whole group of lamps switch OFF automatically after the stand-by period.

Note:even in case the slave fails to receive the OFF signal from the master, it will also switch the light OFF automatically after a 30min time delay.



RF Control
Slave RF Receiver & Master RF Transmitter - Microwave Movement & Daylight Sensor

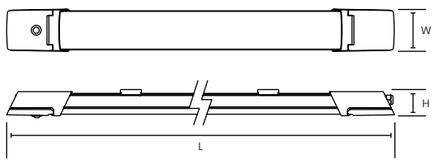
Helios

	HELIOS HE36W	HELIOS HE36W B	HELIOS HE36W BS	HELIOS HE36W S
Electrical Power Consumption	36W			
Luminous Flux	4500 lm			
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.95			
Colour Rendering Index	>80			
Colour Temperature	4000K			
Lifespan	50,000 Hrs			
Base Material	Polycarbonate			
Diffuser	Opal/ Microlinear			
Rated Duration	-	>2 Hours		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V/2500mAh		-
Protection System	-	Low Voltage Cut-Off		-
Charge Time	-	<12 Hours		-
Detection Zone	-		360° / 8m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		140°	
ON Time	-		5 sec/ 30 sec/ 1 min/ 5 min/ 10 min/ 20 min/ 30 min (When motion is detected)	
Daylight Sensor	2 to 2000 lx			
Dimming Control	1 - 10V			
IP Rating	IP66			
IK Rating	IK10			
Certified	CE, RoHS			
Replacement For	2 x T5 Fluorescent 14 W			

Helios

Size: 4ft

1260(L) x 110(W) x 60(H)mm



Helios Low Bay Light

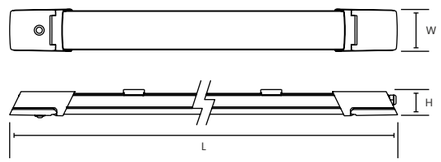
Helios

	HELIOS HE52W	HELIOS HE52W B	HELIOS HE52W BS	HELIOS HE52W S
Electrical Power Consumption	52W			
Luminous Flux	6500 lm			
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	0.95			
Colour Rendering Index	>80			
Colour Temperature	4000K			
Lifespan	50,000 Hrs			
Base Material	Polycarbonate			
Diffuser	Opal/ Microlinear			
Rated Duration	-	>2 Hours		-
Type of Battery	-	High Temperature Nickel Cadmium		-
Batteries Capacity	-	3.6V/2500mAh		-
Protection System	-	Low Voltage Cut-Off		-
Charge Time	-	<12 Hours		-
Detection Zone	-		360° / 8m Diameter (When mounted at a height of 2.5 – 3.0 m)	
Detection Angle	-		140°	
ON Time	-		5 sec/ 30 sec/ 1 min/ 5 min/ 10 min/ 20 min/ 30 min (When motion is detected)	
Daylight Sensor	2 to 2000 lx			
Dimming Control	1 - 10V			
IP Rating	IP66			
IK Rating	IK10			
Certified	CE, RoHS			
Replacement For	3 x T5 Fluorescent 28 W 3 x T8 Fluorescent 36 W			

Helios

Size: 4ft

1260(L) x 110(W) x 60(H)mm



“Low maintenance alternative for sodium high bay lights”

High Bay Light

Beside its energy saving features, the LED High Bay Light series has high CRI (Colour Rendering Index), promising clearer vision. As an alternative for HID (High Intensity Discharge) lamp, a variety of low to high powered LED High Bay lights are available to service different needs. The LHB series is suitable for outdoor environment with its IP65 rated fitting, which boasts its outstanding dustproof and waterproof capacity.

Features

Solid Housing

- Anti-corrosion shell surface spray paint, toughened glass sealed enclosure
- IP65 fitting with good dustproof and waterproof capacity
- IK08 rated stainless steel enclosure

Eco-friendly

- Saves 50% power compared to sodium and HID lamps
- Environmental friendly and mercury free
- Non-irritating to eyes

High Performance

- High power LED with low light degradation
- Unique heat sink design allows effective heat dissipation
- High CRI for visual and colour clarity

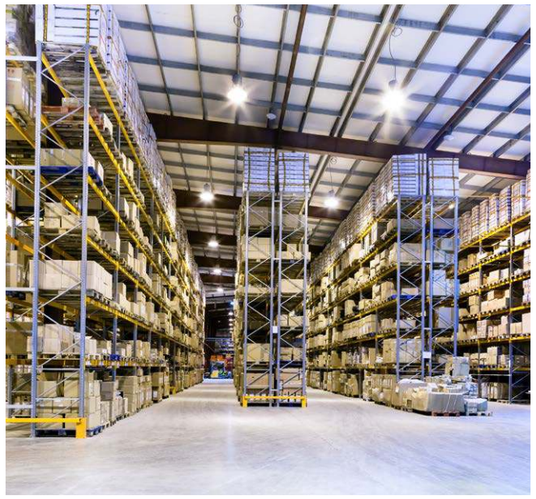
Applications

- Factories
- Warehouses
- Gymnasiums
- Big-box retail
- Exhibition halls

High Bay Light

Up to 50% electrical savings.

The LED High Bay Light series is designed to effectively illuminate any wide spaces such as warehouses, gymnasiums or exhibition halls. Weatherproof options are also available for outdoor applications. It combines efficiency and robustness, making it ideal for both commercial and industrial applications.



LED Lighting ECO-Solutions

	Sodium Lamp	LED Light
Light Source	Sodium Lamp	LHB880
Power Consumption	160W + 8W	80W
Lifespan	6,000 Hours	35,000 Hours

Remarks:

- *Savings in Electricity Compared to a standard\Sodium Lamp luminaire.*
- *Calculated Operation hours based on 24 hours per day.*

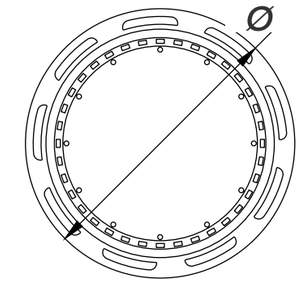
LHB
Dimmable High Bay Light

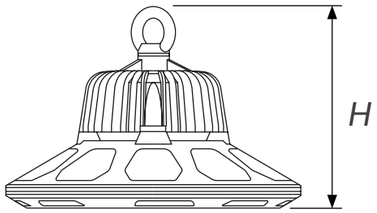
60/90° | IP65 | Cool White 4000K | Daylight 6500K

	LHB100	LHB120	LHB150	LHB200	LHB240
Electrical Power Consumption	100W	120W	150W	200W	240W
Luminous Flux	11000 lm	13200 lm	18750 lm	22000 lm	26400 lm
Operating Input Voltage	220 – 240 Vac				
Operating Frequency	50/60Hz				
Power Factor	0.95				
Colour Rendering Index	>70				
Colour Temperature	4000K/ 5700K				
Lifespan	50,000 Hrs				
IP Rating	IP65				
Beam Angle	60°/ 90°				
Base Material	Die-Cast Aluminum				
Diffuser	Polycarbonate				
Certified	CE, RoHS				
Replacement For	175W HID Floodlight	250W HID Floodlight	320W HID Floodlight	400W HID Floodlight	400W HID Floodlight

LHB

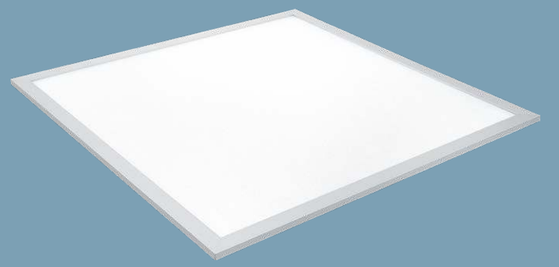
Size: S ø300 x 182 (H) mm
M ø360 x 198 (H) mm
L ø360 x 207 (H) mm



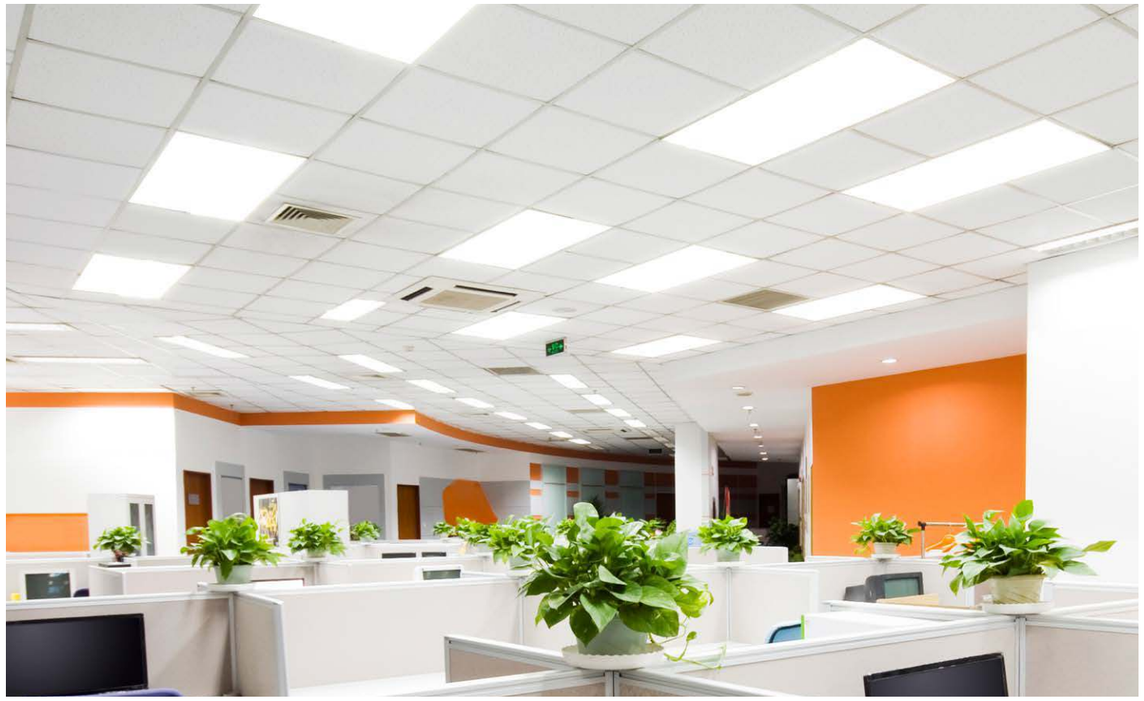


“Alternate replacement for
conventional recessed
mount light fittings”

Panel Light



The LED Panel Light series saves up to 50% in electricity consumption as compared to standard CFL (Compact Fluorescent Light). By adopting a glare reducing diffuser and novel LED module design, it achieves a UGR (Unified Glare Rating) of less than 19. The low UGR provides visual comfort and reduction of excessive strain to the eyes.



Features

Eco-friendly

- Saves up to 50% in electricity consumption compared to standard CFL
- Does not contain mercury and is 100% recyclable
- Rated 50,000 hours lifespan

Compact Casing

- Light weight and ultra slim
- Easy to install and fit well into tight spaces

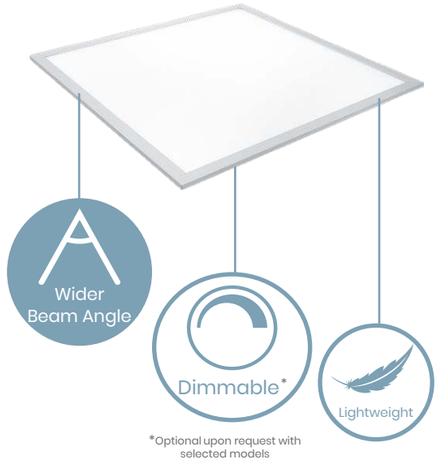
High Performance

- Unified glare rating (UGR) <19
- 120° beam angle for different applications
- CCT: 3000K / 4000K / 6500K

Applications

- Office and educational institutions such as schools and classrooms
- Commercial buildings, shopping malls, supermarkets, retail shops and dust free shops
- Others such as hospitals and laboratories

Panel Light



Up to 50% electrical savings.

The LED Panel Light is ideal for retrofitting and new installations in office enviroment, laboratory and commercial building. The series offers exceptional light quality, coupled with improved visual comfort and clarity.

LED Lighting ECO-Solutions

	Fluorescent Tube	LED Light
Light Source	T8 (4-feet)	LPLS4142
Power Consumption	2x36W+2x4W	42W
Lifespan	6,000 Hours	50,000 Hours

Remarks: • *Savings in Electricity Compared to T8 Fluorescent Lights.*

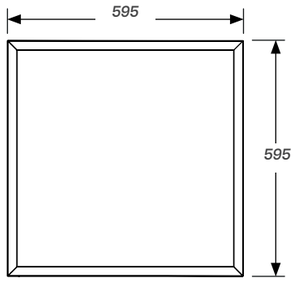
LPLS
Panel Light

120° IP20 Warm White 3000K Cool White 4000K Daylight 6500K

	LPLS2224	LPLS2224B	LPLS2236	LPLS2236B
Electrical Power Consumption	20W		36W	
Luminous Flux	2000 lm		3600 lm	
Operating Input Voltage	220-240 Vac			
Operating Frequency	50/60Hz			
Power Factor	>0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/4000K/6500K			
Lifespan	50,000 Hrs			
Luminaire IP Rating	IP20			
Base Material	Aluminium With White Matt Finish			
Diffuser	PMMA			
UGR	<19			
Rated Duration	-	2 hours	-	2 hours
Type of Battery	-	High Temperature Nickel Cadmium	-	High Temperature Nickel Cadmium
Batteries Capacity	-	3.6V / 1600mAh	-	3.6V / 1600mAh
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring	-	Low Voltage Cut-Off Constant batteries status monitoring
Charge Time	-	<12Hrs	-	<12Hrs
Compliance	CE, RoHS, TÜV SÜD PSB			
Replacement	2 x T5 Fluorescent 14 W 2 x T8 Fluorescent 18 W		4 x T5 Fluorescent 14 W 4 x T8 Fluorescent 18 W	

LPLS

Size: 2ft x 2ft
595 (L) x 595 (W) x 12 (H) mm



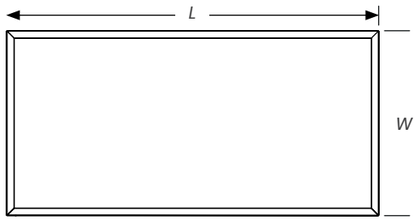
LPLS
Panel Light

120° IP20 Warm White 3000K Cool White 4000K Daylight 6500K

	LPLS4124	LPLS4124B	LPLS4224	LPLS4224B
Electrical Power Consumption	20W			
Luminous Flux	2000 lm			
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	>0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/ 4000K/ 6500K			
Lifespan	50,000 hrs			
Luminaire IP Rating	IP20			
Base Material	Aluminium With White Matt Finish			
Diffuser	PMMA			
UGR	<19			
Rated Duration	-	2 hours	-	2 hours
Type of Battery	-	High Temperature Nickel Cadmium	-	High Temperature Nickel Cadmium
Batteries Capacity	-	3.6V / 1600mAh	-	3.6V / 1600mAh
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring	-	Low Voltage Cut-Off Constant batteries status monitoring
Charge Time	-	<12Hrs	-	<12Hrs
Compliance	CE, RoHS, TÜV SÜD PSB			
Replacement	2 x T5 Fluorescent 28 W 2 x T8 Fluorescent 36 W		4 x T5 Fluorescent 28 W 4 x T8 Fluorescent 36 W	

LPLS

Size: 4ft x 1ft
1195 (L) x 295 (W) x 12 (H) mm
Size: 4ft x 2ft
1195 (L) x 595 (W) x 12 (H) mm



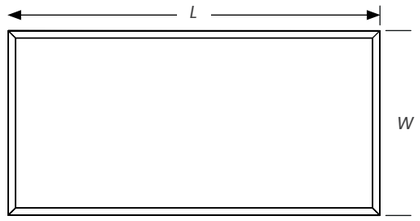
LPLS
Panel Light

	LPLS4136	LPLS4136B	LPLS4236	LPLS4236B
Electrical Power Consumption	36W			
Luminous Flux	3600 lm			
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	>0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/ 4000K/ 6500K			
Lifespan	50,000 hrs			
Luminaire IP Rating	IP20			
Base Material	Aluminium With White Matt Finish			
Diffuser	PMMA			
UGR	<19			
Rated Duration	-	2 hours	-	2 hours
Type of Battery	-	High Temperature Nickel Cadmium	-	High Temperature Nickel Cadmium
Batteries Capacity	-	3.6V / 1600mAh	-	3.6V / 1600mAh
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring	-	Low Voltage Cut-Off Constant batteries status monitoring
Charge Time	-	<12Hrs	-	<12Hrs
Compliance	CE, RoHS, TÜV SÜD PSB			
Replacement	2 x T5 Fluorescent 28 W 2 x T8 Fluorescent 36 W		4 x T5 Fluorescent 28 W 4 x T8 Fluorescent 36 W	

LPLS

Size: 4ft x 1ft
1195 (L) x 295 (W) x 12 (H) mm

Size: 4ft x 2ft
1195 (L) x 595 (W) x 12 (H) mm

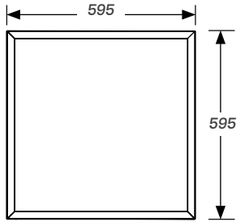


LPLS
Dimmable Panel Light

	LPLS2236D	LPLS2236DB	LPLS4236D	LPLS4236DB
Electrical Power Consumption	36W			
Luminous Flux	3600 lm			
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	>0.9			
Colour Rendering Index	>80			
Colour Temperature	3000K/ 4000K/ 6500K			
Lifespan	50,000 hrs			
Dimmable	0 - 10 V			
Luminaire IP Rating	IP20			
Base Material	Aluminium With White Matt Finish			
Diffuser	PMMA			
UGR	<19			
Rated Duration	-	2 hours	-	2 hours
Type of Battery	-	High Temperature Nickel Cadmium	-	High Temperature Nickel Cadmium
Batteries Capacity	-	3.6V / 1600mAh	-	3.6V / 1600mAh
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring	-	Low Voltage Cut-Off Constant batteries status monitoring
Charge Time	-	<12Hrs	-	<12Hrs
Compliance	CE, RoHS, TÜV SÜD PSB			
Replacement	4 x T5 Fluorescent 14 W 4 x T8 Fluorescent 18 W		4 x T5 Fluorescent 28 W 4 x T8 Fluorescent 36 W	

LPLS

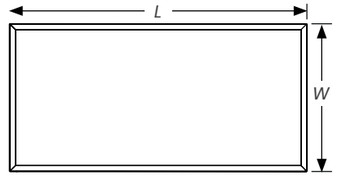
Size: 2ft x 2ft
595 (L) x 595 (W) x 12 (H) mm



LPLS

Size: 4ft x 1ft
1195 (L) x 295 (W) x 12 (H) mm

Size: 4ft x 2ft
1195 (L) x 595 (W) x 12 (H) mm



“**Comfortable and**
Brilliant Illumination
for Your Living Spaces”

Ceiling Light

The Ceiling Light series of LED ceiling light fixtures are ideal for residential lighting applications to illuminate living rooms, bedrooms, kitchens and toilets.

With its long lifespan, IP54 rated casing and insect-tight design, the light fixture requires minimal maintenance.

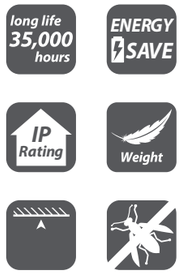
Features

SOLAR (14-inch)

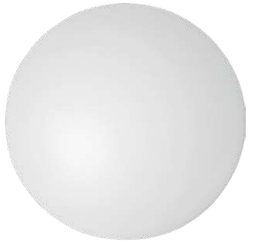
- High-performance frosted diffuser produces evenly distributed light with minimal loss
- Instant-on with no flickering start
- Light weight and easy to install
- High quality with strong light output
- High CRI with good colour reproduction
- Long lifespan of 35,000 hours

Applications

- Corridor lighting
- Walkway lighting
- Lift lobbies lighting
- Bedroom lighting
- Staircase lighting



Ceiling Light



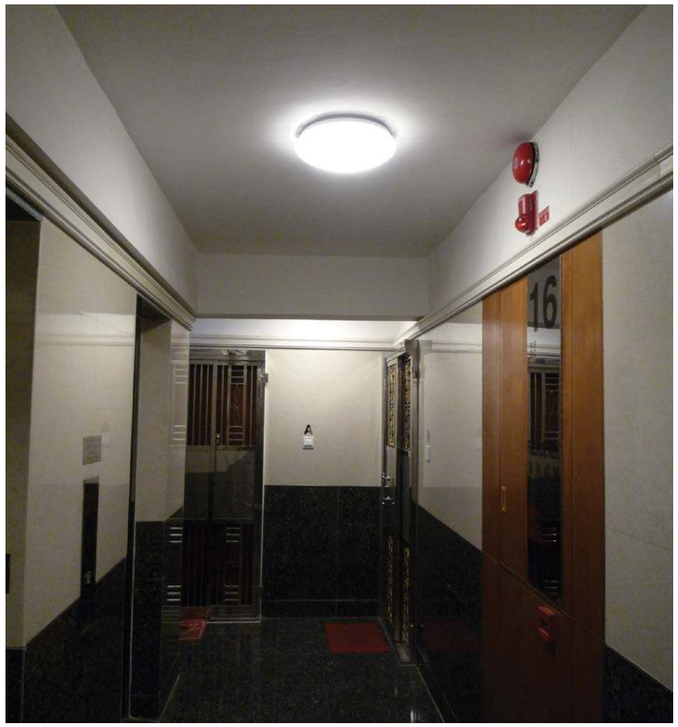
Up to
45%
Energy
Savings

LED Lighting ECO-Solutions

	Fluorescent Tube	LED Light
Light Source	T8 (4-feet)	LCR14124
Power Consumption	32W+4W	20W
Lifespan	6,000 Hrs	35,000 Hrs
Maintenance	2Yrs	+10Yrs

Remarks:

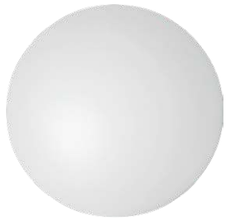
- *Savings in Electricity Compared to a standard T8 circular fluorescent luminaire.*
- *Calculated Operation hours based on 12 hours per day.*



Common areas such as corridors, walkways and lift lobbies require efficient and even lighting. For corridors with high footfall, ceiling mounted luminaires reduce the risk of damages compared with wall mounted variations.
The LCR ceiling light is ideal not only for bedrooms and kitchens but also corridors for residential projects.

LCR1424
Ceiling Light

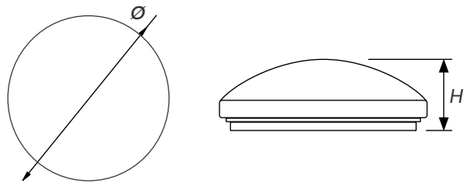
	LCR1424 (SOLAR)
Electrical Power Consumption	20W
Luminous Flux	1400 lm
Operating Input Voltage	220 – 240 Vac
Operating Frequency	50/60Hz
Power Factor	0.9
Colour Rendering Index	>80
Colour Temperature	3000K/ 4000K/ 6500K
Lifespan	35,000 Hrs
IP Rating	IP54
Base Material	Aluminium
Diffuser	PMMA
Compliance	CE, RoHS, KEMA KEUR
Replacement For	1 x 32 W T8 Circular Fluorescent



Solar

Size: 14in

ø356 x 118 (H) mm

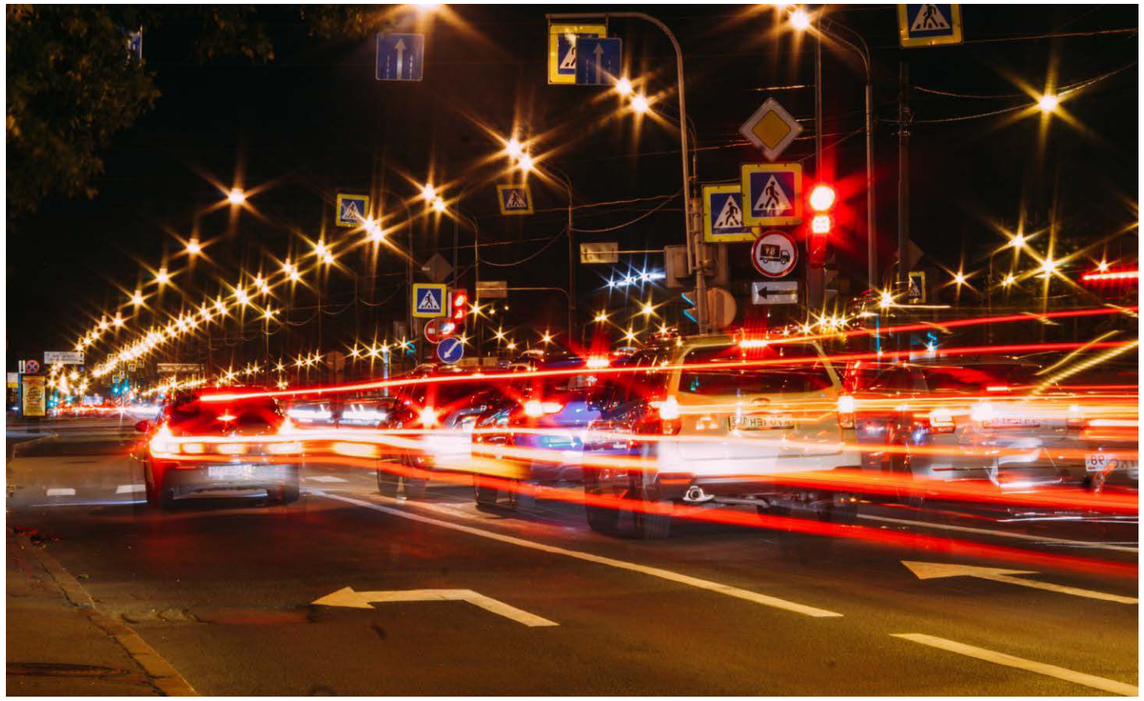


“**Designed for outdoor garden lights**, street lights and wide variety of other products.”

Outdoor Light

The Outdoor Light series is designed to address the inefficiency in the metal halide lamps. Using a 265W LED design, we are able to achieve a similar brightness, providing almost 33,000 lms of light at 5,700K, highly recommended for tennis court applications.

Rated IP66, the Outdoor Light series is dust tight and can withstand powerful water jets of water (12.5mm nozzle) and with the die-cast aluminium housing, provides protection against heavy impact allowing it to be given an IK10 rating.



Features

- Power 75W – 265W, up to 1000W replacement
- Built-in occupancy sensor and photocell sensor available
- Entire luminaire following Title 24
- 3000 – 6500K, 100 – 277VAC / 347VAC / 480VAC, Ra>70/80
- 1-10V dimming, up to 20KV surge protection available
- Optical grade polycarbonate lens material
- Multiple brackets & fixture colours customizable
- Type III, IV, V/frosted lens available and customizable
- IP66 & IK10 resistance & smart system upgradable

Applications

- Outdoor parking lot & garage lighting
- Street & highway lighting
- Tennis court & billboard lighting

Mounting

Slip Fitter, Trunnion Mount Bracket, Yoke Mount Bracket and New Multi-Function Bracket

Up to 45% electrical savings.

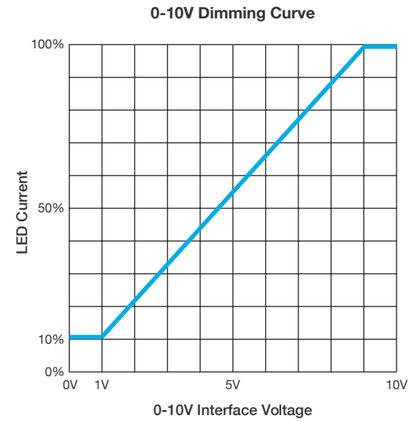
Outdoor Light

LHM
Outdoor Street Lights

	LHM-75WiT	LHM-110WiT	LHM-150WiT	LHM-180WiT	LHM-225WiT	LHM-265WiT
Electrical Power Consumption	75W	110W	150W	180W	225W	265W
Luminous Flux	10000 lm	14000 lm	18000 lm	25000 lm	28000 lm	33000 lm
Operating Input Voltage	220 – 240 Vac					
Operating Frequency	50/60Hz					
Power Factor	0.95					
Colour Rendering Index	>70					
Colour Temperature	5700K					
Lifespan	50,000 Hrs					
IP Rating	IP66					
IK Rating	IK10					
Beam Angle	60°/ 90°					
THD	<15%					
Base Material	Powder Coated Die-Cast Aluminum					
Diffuser	Anti-UV with polycarbonate lens with precision individual optics for uniform illumination					
Dimming Control	0 - 10 V					
Certified	CE, RoHS					
Replacement For	250W HID	400W HID	500W HID	600W HID	800W HID	1000W HID

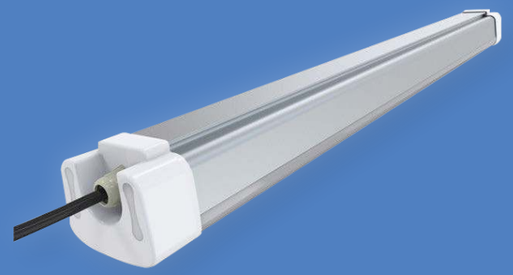
LHM

Size: 560 (L) x 280 (W) x 75 (H) mm
760 (L) x 440 (W) x 75 (H) mm



“**Eco-friendly alternative to** traditional fluorescent lighting”

Tri-proof Light



The Tri-proof light series is made of waterproof and special corrosion-proof materials and silicone sealing ring to realize protection requirements for the fixtures. From the ends where the cable comes out, there are waterproof PG connectors for seamless connection, to secure the cable and keep water and dust from entering.

Features

- Anti-glare
- IP 65 waterproof
- Long life span
- High efficiency

Applications

- Commercial
- Warehouse
- Carpark

Tri-proof Light

LTPL
Tri-proof Light

	LTPL4120	LTPL4120B	LTPL4140	LTPL4140B
Electrical Power Consumption	20W		40W	
Luminous Flux	1900 lm		3600 lm	
Operating Input Voltage	220 – 240 Vac			
Operating Frequency	50/60Hz			
Power Factor	>0.9			
Colour Rendering Index	>70			
Colour Temperature	4000K			
Lifespan	50,000 Hrs			
IP Rating	IP65			
Base Material	Aluminium Housing			
Diffuser	Polycarbonate			
UGR	<25			
Rated Duration	-	2 Hours	-	2 Hours
Type of Battery	-	High Temperature Nickel Cadmium	-	High Temperature Nickel Cadmium
Batteries Capacity	-	3.6V / 1600mAh	-	3.6V / 1600mAh
Protection System	-	Low Voltage Cut-Off Constant batteries status monitoring	-	Low Voltage Cut-Off Constant batteries status monitoring
Charge Time	-	<12 hrs	-	<12 hrs
Compliance	CE, RoHS, TÜV SÜD PSB			
Replacement For	2 x T5 Fluorescent 28 W 2 x T8 Fluorescent 36 W		4 x T5 Fluorescent 28 W 4 x T8 Fluorescent 36 W	

LTPL

Size: 1200 (L) x 91 (W) x 74 (H) mm

“**High Intensity Illumination**
for a fraction of energy used”

Mogul Base LED Bulb

E39 Mogul provides an easy LED solution to replace High Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right light distribution, compact lamp size and light weight, customers can easily retrofit, thereby improving the light quality without having to change the fixture.

Features

- High-energy efficiency
- Compact Size
- Long life span
- High efficiency

Applications

- Parks
- Outdoor Parking
- Roads
- Streets and paths

Mogul Base LED Bulb

E39
Mogul Base LED Bulb

	HID BULB E39 50W	HID BULB E39 85W
Electrical Power Consumption	50W	85W
Luminous Flux	6000 lm	10000 lm
Operating Input Voltage	220 – 240 Vac	
Operating Frequency	50/60Hz	
Power Factor	0.9	
Colour Rendering Index	>80	
Colour Temperature	5000K	
Lifespan	>50,000 Hrs	
Operating Temperature	Ta= -30 ° C - 50 ° C	
Storage Temperature	Ta= -30 ° C - 60 ° C	
Operating Humidity	85% RH (non condensing)	
IP Rating	IP65	
Base Material	TCP.PA-PS28A	
Diffuser	PC 2330	
Cap Base	E39 Mogul	
Compliance	UL-844 /UL-1993/FCC/DLC	
Replacement For	175 W HID	250 W HID

E39

Size: Ø92 x 185 mm
Ø92 x 238.5 mm

Kyla

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