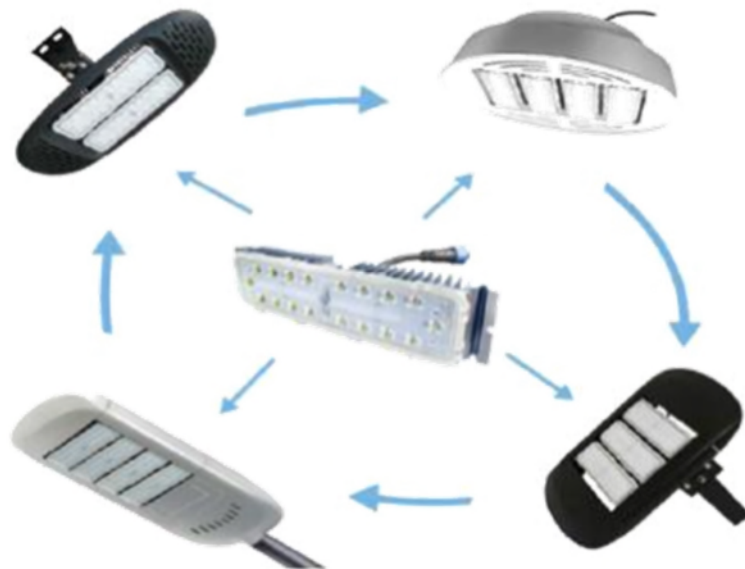


# E-LITE PRODUCTS & SERVICES



SA Address: 4/11 Angus Ave, Edwardstown, SA 5039 Ph: 08 81200443 Mo: 0406533430. Email: [anil@e-lite.com.au](mailto:anil@e-lite.com.au)  
NSW Address: Level 14, 309 Kent Street, Sydney, NSW2000 Ph: 02 2999 48059, Mo: 0414 240 430, Email: [sales1@e-lite.com.au](mailto:sales1@e-lite.com.au)

## ABOUT E-LITE

E-Lite Australasia Pty Ltd was launched in 2010 and specializes in LED lighting. We have a customer base of around 10,000 homes and businesses in South Australia and New South Wales. E-lite supplies products to the end-user through its network of more than 250 electrical contractors.



We are Accredited Certificate Provider (ACP) for NSW Energy Saving Scheme (ESS – NSW government initiative) and work with a third-party contractor for Retailer Energy Efficiency Scheme (REES – SA government initiative) and have done about 400 installations under these government schemes in South Australia and New South Wales.



## LED Highbay B Series

## Structure Diagram



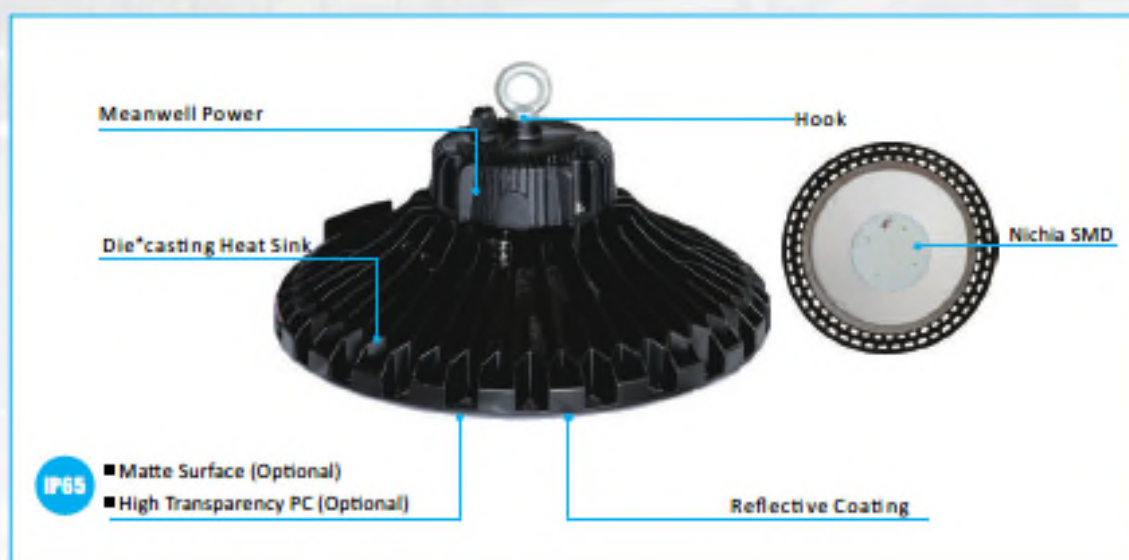
MEAN WELL Power Supply



Nichia SMD



Die-Casting Heat Sink



## Application

Widely used in Factory, Workshop, Warehouse, Logistics Center Exhibition Hall, Gymnasium, Shipyards, Mining, Gas Station, Supermarket, Other Places.



## Feature

**1 .Lumens 130LM/W**

**2. DLC 3. 0**

**3. MEAN WELL Driver**

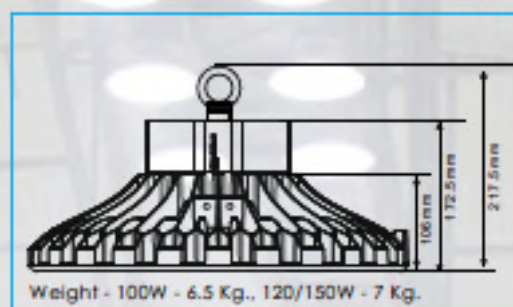


## Structure Diagram

SAA Model:	EL-HL100B	EL-HL120B	EL-HL150B
Power:	100W	120W	150W
Lumens:	130lm/w		
Color Temp Range:	2700 – 7500K		
Housing :	AL and Glass		
Operation Temp.:	-20°C to 45°C		
Life Span:	50,000hours duty cycle		
Voltage range:	AC100-277V		
Frequency :	50/60Hz		
Beam Angle:	60degree 120degree		
CRI:	>75		
PF :	≥0. 95		
Power Efficiency:	≥90%		
Warranty:	5 Years		

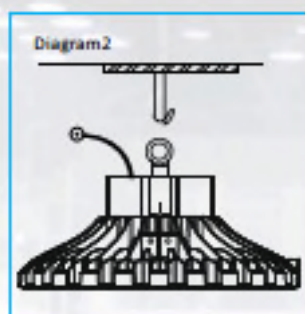
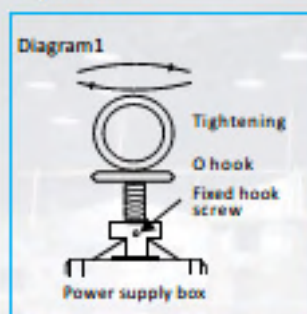


## Dimension Diagram

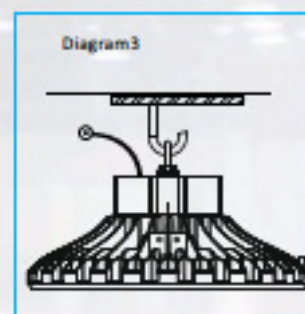


## Installation Instruction

### Option 1

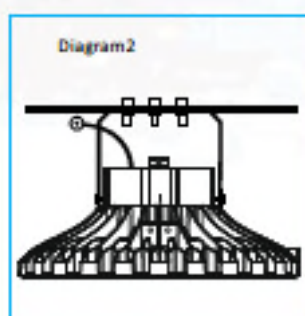
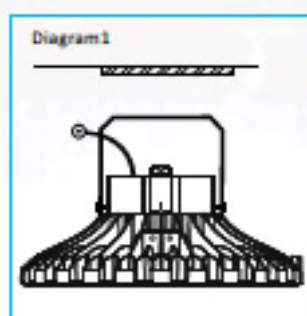


Ensure the fixed wall strong enough can bear 30kg



Turn on the power and test

### Option 2



Turn on the power and test



## LED Highbay C & D Series

## LED High Bay Series

**Model No.:** EL-HL150C  
EL-HL120C  
EL-HL100C  
EL-HL80C

**Power:** 80W / 100W / 120W / 150W

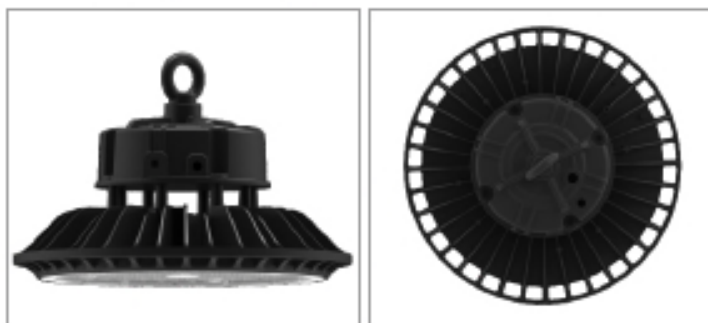
with Mean Well Driver



**Model No.:** EL-HL150D  
EL-HL120D  
EL-HL100D  
EL-HL80D

**Power:** 80W / 100W / 120W / 150W

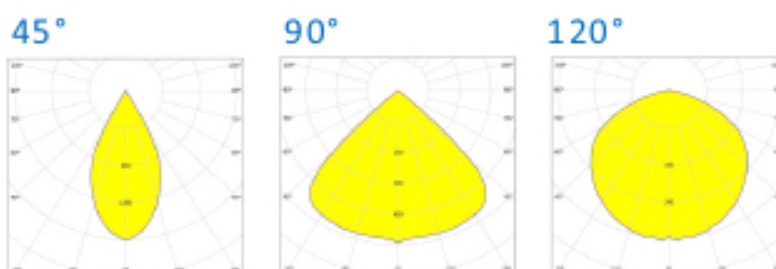
with Sosen Driver



## Features

- ◆ Die-casting materials, perfect for heat dissipation
- ◆ High cost-effective

## Photometric Diagram





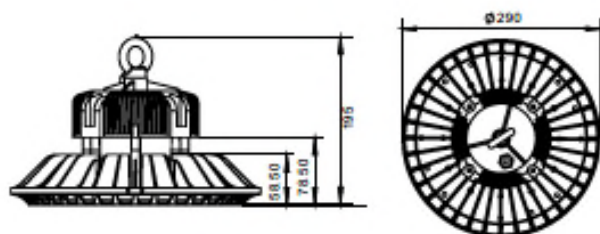
## Parameters

Driver	with Mean Well Driver			
Model No.	EL-HL80C	EL-HL100C	EL-HL120C	EL-HL150C
Power	80W	100W	120W	150W
Driver	with Sosen Driver			
Model No.	EL-HL80D	EL-HL100D	EL-HL120D	EL-HL150D
Power	80W	100W	120W	150W
Lumen	130lm/W-140lm/W			
LED Chip	Seoul 3030			
CCT	4000/5000/5700K			
Heat Radiator	Die-casting aluminum			
Operation Temp.	-20°C to 45°C			
Life Span	> 60,000hrs			
Input Voltage	AC100-240v			
Frequency	50/60Hz			
Beam Angle	45°, 90°, 120°			
CRI	70			
P.F.	≥0.95			
Power Efficiency	≥93%			
IP Grade	IP65			
Intelligent	Occupancy motion sensor, 0-10v dimming			
Warranty	5years			

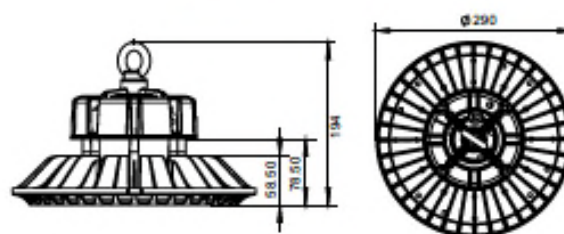
## Drawing

Unit: mm

with Mean Well Driver



with Sosen Driver



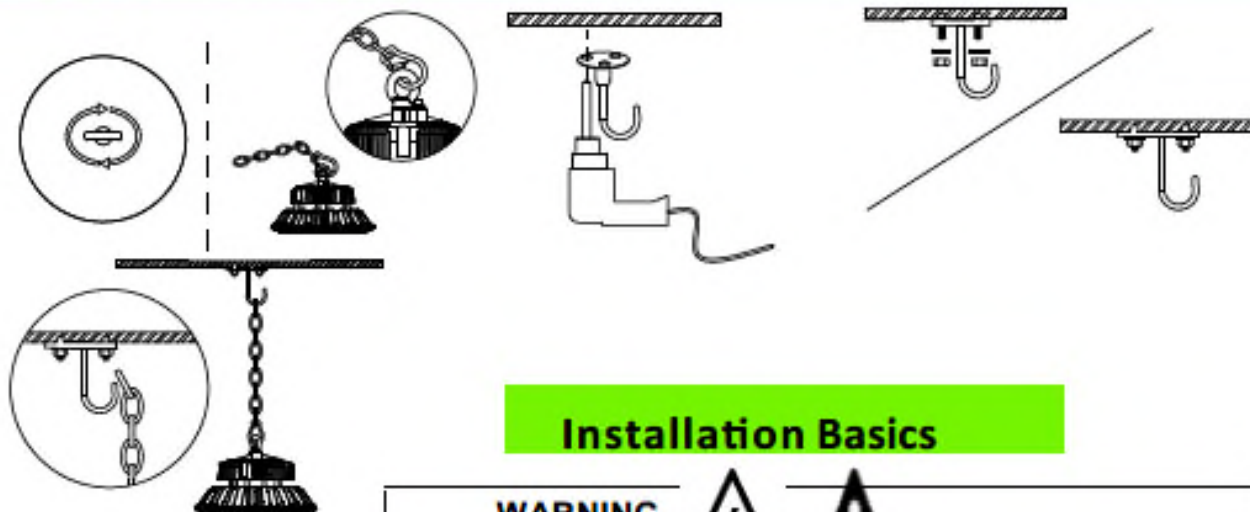
## Applications

Widely used in places that require high bay lights, such as factories, workshops, warehouses, logistics centers, exhibition halls, stadiums, shipyards, mines, supermarkets, farmers markets and the like.





## O hook installation



## Installation Basics


### WARNING

#### RISK OF ELECTRIC SHOCK

It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.

- To comply with all safety standards, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed. e.g. AS/NZS3000 Electrical Installations
- There are no user serviceable parts inside the product.

Failure to follow these instructions can result in death or serious injury.

- The product is class 1
- Check whether the product has been damaged during transport. Do not operate/install any product which appears damaged in anyway. Return the complete product to the place of purchase for inspection, repair or replacement.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- The light source contained in this luminaire shall be replaced by the or his service agent or a similar qualified person to avoid a hazard.
-  Caution, electric Shock risk "Symbol, height of this marks least 15mm



### CAUTION

#### RISK OF BURN INJURIES

During and after use the unit may be hot. Do not touch the unit before it has completely cooled down.

Failure to follow these instructions can result in minor injuries, or equipment damage.

## Installation Process

### Installing Product

1. Choose location to mount LED Highbay.
2. Isolate mains power near location so as not to cause electrical hazard.
3. Remove LED Highbay from original packaging.
4. Attach enclosed mounting hook (if not fitted) ensuring you screw to a torque setting of no less than 8.5 Nm
5. Ensure mounting method is of suitable weight rating to be able to support the LED Highbay. Allow additional mounting method if the desired location is affected by air movement which could cause the LED Highbay to swing or rotate.
6. Do not use the power cable to support the weight of the LED Highbay during mounting.
7. Connect mains power to Highbay.



## LED Tri Proof Batten Light

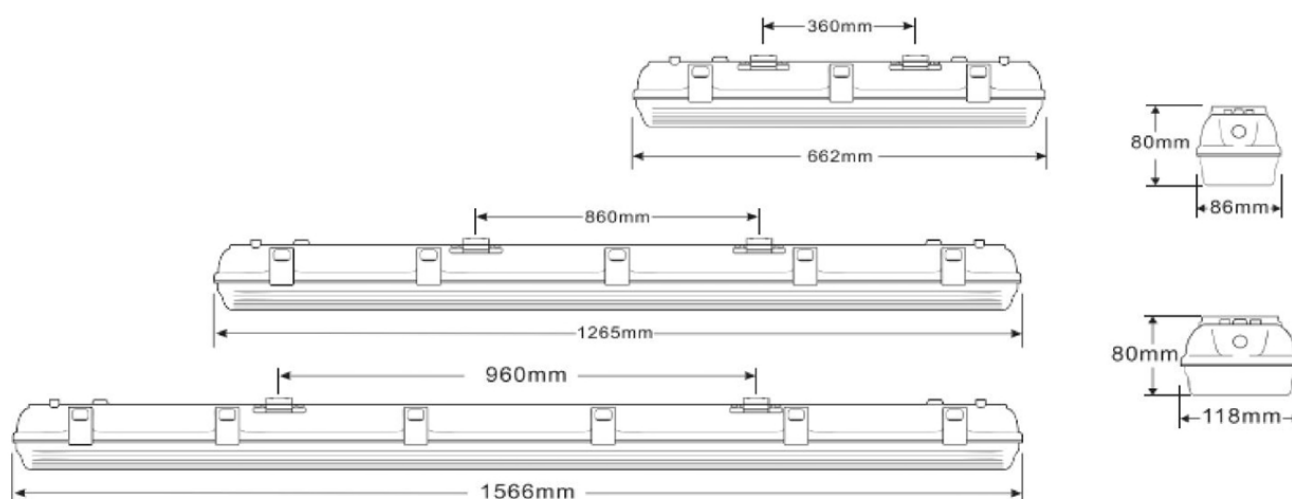
## IP65 Tri-Proof LED Batten Light



### Advantage

- TUV, SAA
- IP65 IK09, Water Proof, Dust-Proof, Dam-Proof, Vapor-Proof
- Driver: Philips Driver or Lifud Drivers, Other Brand Drivers for Option
- Easy installation with fast connection design. Shorten the installation process and save labor costs
- Sensor, Emergency and Sensor & Emergency for option
- Material: PC Cover+PC Base
- 5 Years warranty

### Dimension





## Application

- Chemical, textile, dust-free workshop
- Underground parking
- Traffic hub such as railway station, subway station and so on
- Wine cellars, underground chambers etc.
- Urban infrastructure lighting
- Factory and Warehouse



## Technical Specification

Model No. **	EL-TP-062	EL-TP-1220 EL-TP-1240			EL-TP-126	EL-TP-155	EL-TP-1560		EL-TP-1580
Lamp Size	L600*W94*H60MM			L1200*W94*H60MM			L1500*W94*H60MM		
Voltage	AC 100V-240V 50/60HZ								
Power	20W	20W	40W	50W	60W	50W	60W	70W	80W
LED Type	120LM/W or 150LM/W @Epistar SMD 2835								
LED Quantity	0.6m 60pcs*3@180PCS			1.2m 120pcs*3@360PCS			1.5m 180pcs*3@540PCS		
Color Temperature (cct)	2800-3200k			3800-4000k		4500-5500k		5500-6000k	
Beam Angle	14 0°								
Color Rendering Index (CRI)	Ra>82								
Power Supply Efficiency	>90%								
LED Luminous Efficiency	120lm/W or 150LM/W								
Power Factor (PF)	>0.95								
Total Harmonic Distortion (THD)	≤15%								
IP Rank	IP 65								
Net Weight	1.10kg	1.78kg	1.78kg	1.78kg	1.78kg	2.18kg	2.18kg	2.18kg	2.18kg
Temperature for operating	-20°C - - + 50°C								
Temperature for storage	-40°C - - +85°C								
Certificate	UTUV, SAA,								

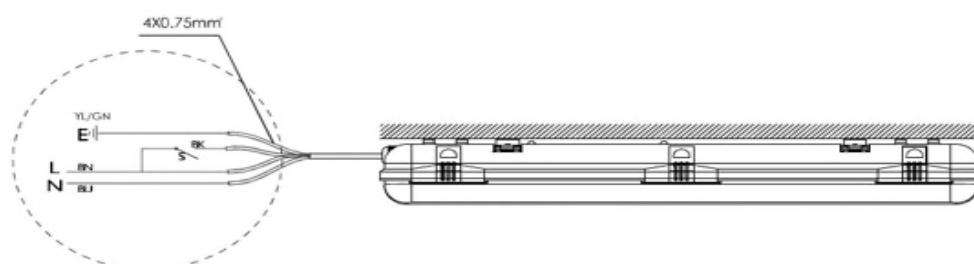
\*\* Add "S" for With Sensor

1. Lights with sensor can be set to glow at 10%, 20%, 30%, and 50% as long as the light switch is on. This selection can only be set at the factory.
2. 100% lighting can be set to stay on for either 30 seconds, 90 seconds, 5 minutes or 10 minutes. Timer selection can only be set at the factory.

# Emergency

Article Number	Emergency Time(hours)	Emergency Power(W)	Battery Parameters
EL-TP-0620-E	3	5	6.4V 3000mah
EL-TP-0620-ES	3	5	6.4V 3000mah
EL-TP-1220-E	3	5	6.4V 3000mah
EL-TP-1220-ES	3	5	6.4V 3000mah

## Instruction of Wiring



- 1 Inside circuit with emergency device was already connected
- 2 4 wire output.  
Eu Market: Blue-Neutral wire / Black-Live wire / Brown-Switch wire / Yellow&Green-Earth wire  
US Market: Black-Neutral wire / White-Live wire / Red-Switch wire / Green-Earth wire
- 3 Indicator color (Green – main power, Yellow – malfunction, Red - Charging)
- 4 Battery can be recharged at least 500 times. In order to maintain the battery well it must be discharged every 3 months.

## Installation Instruction

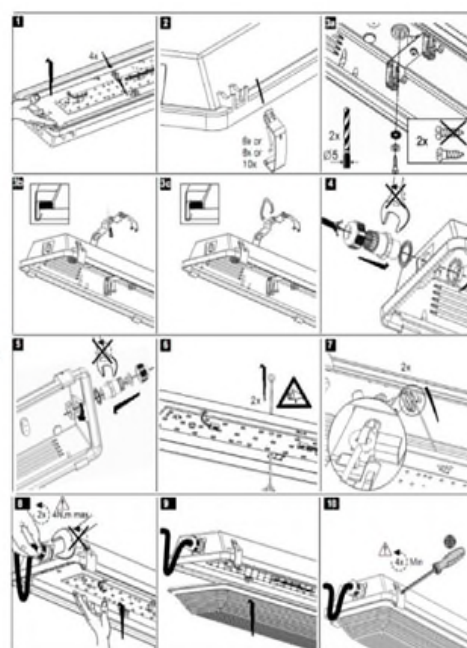
These instructions should be read in full and retained after installation for future reference.

### Safety

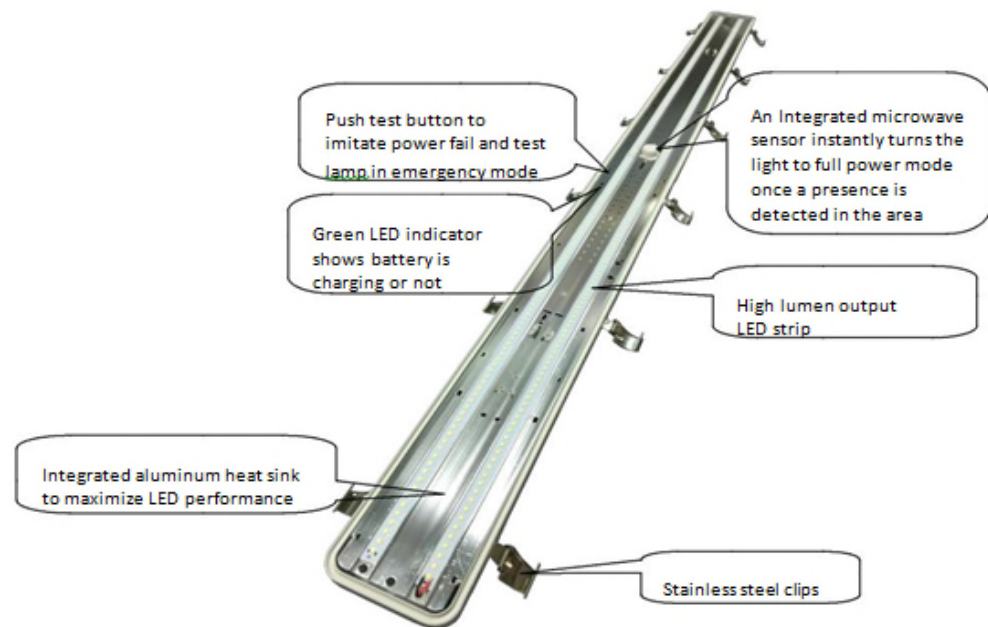
- It is recommended that this luminaire is installed by a qualified electrician and installed to the current edition of the IEE wiring regulations.
- Before installation or maintenance is carried out, ensure that the main supply is isolated.

### Fixing Instructions

- Unlock and remove the diffuser from the base and lift away.
- Screw up the plastic fixed park to remove the LED gear tray and gain access to the terminal block. A safety chain is provided to prevent the gear tray from falling during installation.
- Then measure the position of the luminaire and ensure the fitting surface can bear the weight of the luminaire. Drill the marked holes and fit a suitable wall/ surface plug (supplied).
- Then mark the position of the luminaire to the fitting surface.
- Feed the power supply cable through the cable entry and gland, then fix the luminaire to the wall through the 4 screws.



## Installation Instruction




## Wiring Diagram

Connect the cable to the terminal block as

PERMANENT LIVE (Red or Brown) to the terminal marked PL

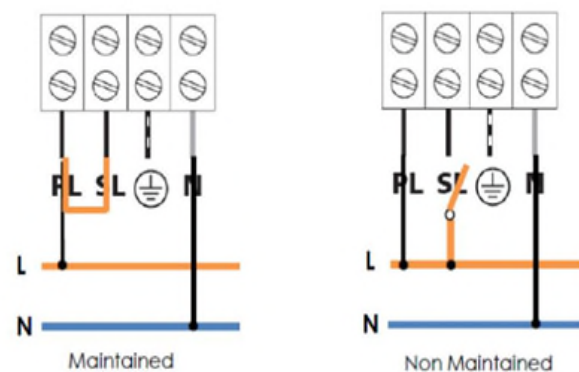
SWITCH LIVE (Red or Brown) to the terminal marked SL

NEUTRAL (Black or Blue) to the terminal marked N

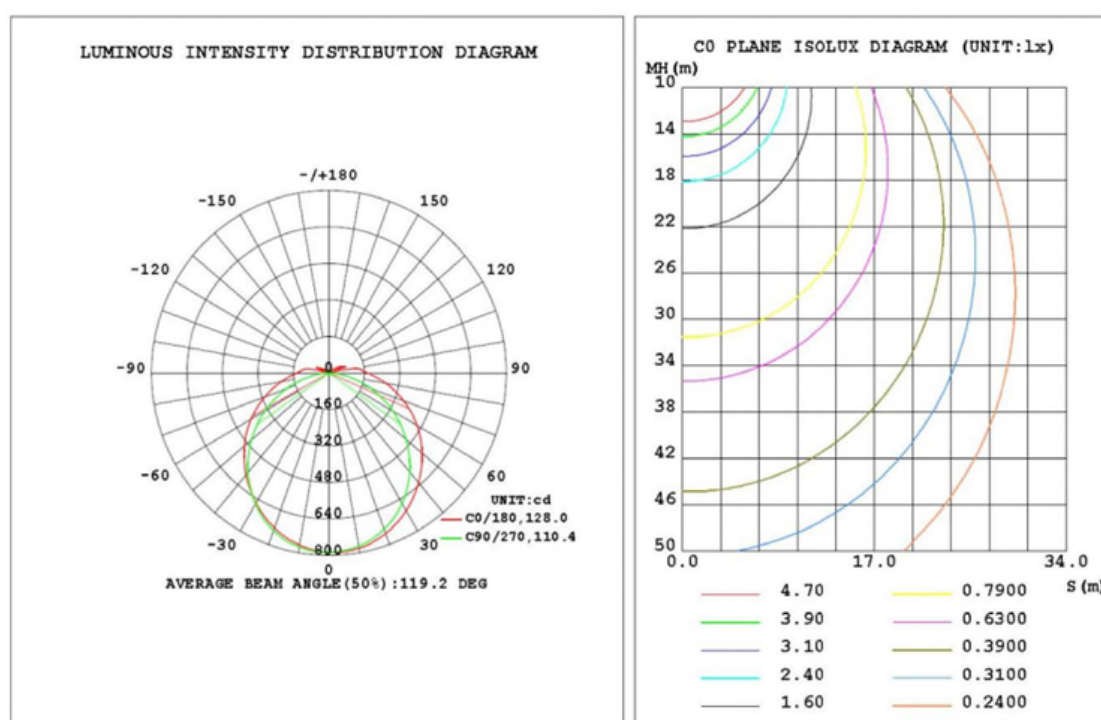
EARTH (Green/Yellow) to the terminal marked 

(Note: If there are only 3 lead wires from the main supply, please loop PL and SL, and then connect Live Wire to PL.)

- Ensure that there are no exposed conductors, loose or trapped cable strands, and re-fit the gear tray.
- Refit the diffuser by twisting.
- The luminaire is now ready for use



## Luminaire Photometric Test Report





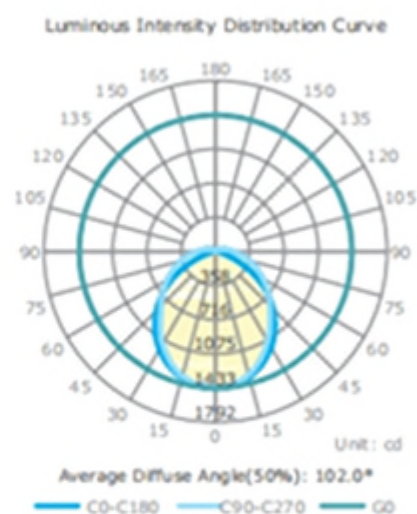
LED Batten Light





### Lamp Size

Size	L	W	H
4ft	1183mm	125mm	40mm
2ft	595mm	125mm	40mm
EL-B36B	110-240V~50/60 Hz	36W	0.5



### Specifications

Model	Input Voltage	Watt	PF	EMC	Luminous	Casing Material	Size
EL-B48B	110-240V~50/60 Hz	48W	0.5	PASS	4500lm	Aluminium+PCWhite	4ft
EL-B40B	110-240V~50/60 Hz	40W	0.5	PASS	3800lm	Aluminium+PCWhite	4ft
EL-B36B	110-240V~50/60 Hz	36W	0.5	PASS	3400lm	Aluminium+PCWhite	4ft



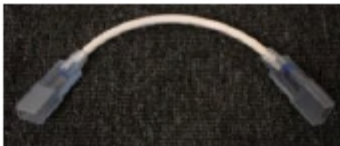




## LED Strip Light

#### Item Category: 24V LED Strip - IP65 - 20m reel

Item	Photo	Specifications	Packing
ELSP5.3-24V-20A		Strip Size (H X W): 9X12mm LED Typ: SMD2835 Voltage: DC24V LED Q'ty: 60LED/M Watt: 5.3W/M Lumen: 530 lm/M Color: 3000K/4000K/6000K	20M/Reel One Reel/CTN CTN Dim:27X27X11CM G.W: 3.0KG N.W: 2.5KG
ELSP7-24V-20A		Strip Size: 9X12mm Red, Yellow, Blue, Green, Pink LED Typ: SMD2835 Voltage: DC24V LED Q'ty: 120LED/M Watt: 7W/M Lumen: 730 lm/M Color: 3000K/4000K/6000K Red, Yellow, Blue, Green, Pink	20M/Reel One Reel/CTN CTN Dim:27X27X11CM G.W: 3.4KG N.W: 2.9KG G.W: 3.4KG N.W: 2.9KG

#### Accessories

Item	Photo	Specifications
Front Connector		Length:25CM
End Caps		End caps for Strip
Double connector		Length: 10CM
Mounting Clips		Mounting Clips for Strip
PVC Channel for Strip		PVC Channel for Strip Length: 100CM



## LED Street Light

## STB SERIES

### Lighting Source & Optical Specifications

**LED Light Source** LUMILEDS/CREE

**LED Color Temperature** 4000K (Options: 3000K and 5000K)

**Color Rendering Index** Ra>70

**L80 Lifetime@85°C** 55,000 hours

**Optics lens** Polycarbonate plastic + Tempered glass

**Light Distribution** Type II or Type III



### Electrical

**Input voltage** 220-240 50/60Hz

**Power Factor** >0.90

**Surge protection** 10KV

**LED driver** Philips (non-dimming, 1-10V optional)

**Insulation** Class I or Class II

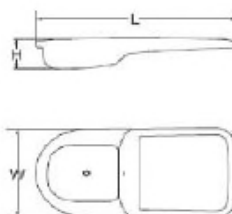


### Mechanical Dimensional drawing

**Housing** Die cast aluminium

**Heatsink** Die cast aluminium

**Classification** IP 65

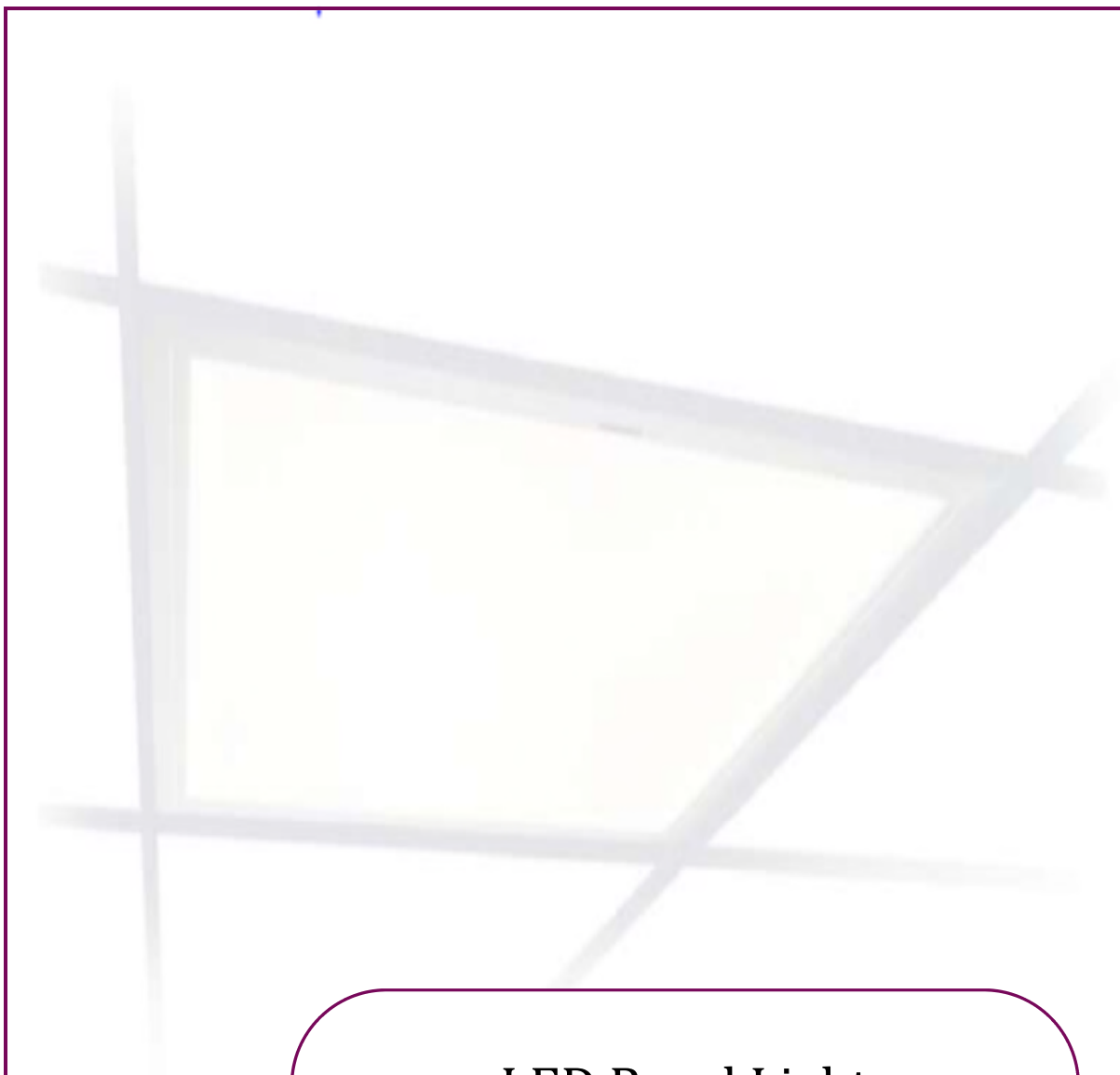


### Product details (Operating temperature / humidity -20°C~40°C/10~90%)

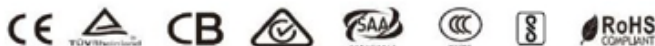
Product	Nominal Power (W)	Number of LEDs	Nominal Flux @ 4000K (lm)	Lens	Dimensions (mm)
EL-ST20B	20	8	2400	A2/A3	L432 x W209 x H111
EL-ST30B	30	12	3400	A2/A3	L432 x W209 x H111
EL-ST40B	40	16	4500	A2/A3	L432 x W209 x H111
EL-ST55B	55	24	6600	A2/A3	L432 x W209 x H111
EL-ST75B	75	32	9040	A2/A3	L510 x W256 x H102
EL-ST90B	90	40	11200	A2/A3	L510 x W256 x H102
EL-ST100B	100	44	12300	A2/A3	L510 x W256 x H102
EL-ST120B	120	56	15560	A2/A3	L570 x W287 x H102
EL-ST150B	150	68	19200	A2/A3	L570 x W287 x H102
EL-ST180B	180	84	23340	A2/A3	L795 x W340 x H113
EL-ST210B	210	96	26600	A2/A3	L795 x W340 x H113
EL-ST240B	240	112	29700	A2/A3	L795 x W340 x H113







## LED Panel Light



## Description

We have also been looking for economical and reliable office lighting products. The economical edge-lit panel, if used with a PS LGP, has a short lifetime. We use back light design, using PMMA lens, the product is only 35mm thickness, with reliable quality and low price.

## Features

- Back light panel with lens, 38mm thickness
- Warranty: 5 years
- Input Voltage: 200-240Vac | PF>0.9 | THD<20%
- High efficiency, up to 100lm/W RA:80
- No inner box. Save transportation and storage cost design.
- Flicker Free (120LPW series)

## Application

- Office
- Retail
- Workshop
- School

## Model List

Model	Size	Power (w)	LPW (lm/w)	Brightness(lm)		LED Q'ty	LED Class	Package CTN			Q'ty	
				CW/NW	WW			Ctn Size(mm)	G.W kg	N.W kg	CTN	Pallet
EL-P6060-40-90B	6060	40	90	3600	3312	36	2835	655x345x645	12.1	10.9	8	0
EL-P6060-32-120B	6060	32	120	3840	3533	48	P190,40K	640x195x640	18.2	17	4	0

## Specification

### Optical Parameters

CCT	2700K-6500K
CRI	80
SDCM	6 (for 3000K, 4000K, 5000K CCT, and attention)
UGR	22
Beam angle	120°
Lamp Color RAL	White (RAL 9006)
	Diffuser: PS
Material	Back cover housing: zinc-coated iron
	Lens: PMMA

### Electrical Parameters

Dimming	No
Mains voltage	200-240Vac 50/60Hz
PF	0.95
PE	0.88
Over load/short Circuit	Protection
Driver Connection	Push-in connector (PI) with DC V2 connector
Hi-pot Test Range	SELV Isolated Driver, 3750Vdc/5mA/60S

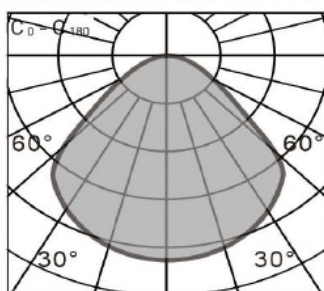
### Life

Warranty	5 years
L70B50	50,000 hours
L80B50	30,000 hours
L90B50	15,000 hours
Driver failure rate	0.3% per 5000 hours
Maintenance	Optical module sealed for life; no internal cleaning required

### Installation Information

Average ambient temperature	Average ambient : +25 °C Operating temperature range: +10 to +40 °C
Ceiling type	Exposed T-bar ceiling
Light source	Non-replaceable LED module
IP	Total lamp IP40
IK	IK02
Remarks	

### Polar Curves Wide Distribution



Lambertian



Recessed Grid Ceiling

Default

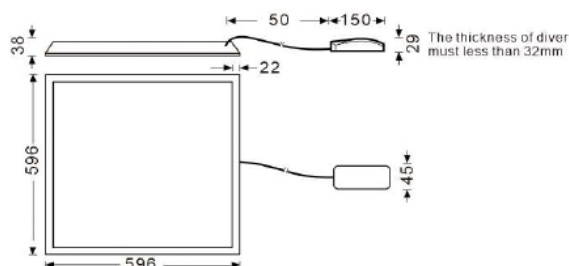


Wire Suspended

Accessory

## Photo | Dimension

unit: mm



Size: 6060

## Product Details



Top of luminaire



Top of luminaire



Back of luminaire



Lighting of luminaire



Material



Lighting of luminaire



Grid ceiling installation

Application





## LED Linear Strip Kits



### Kit Includes:

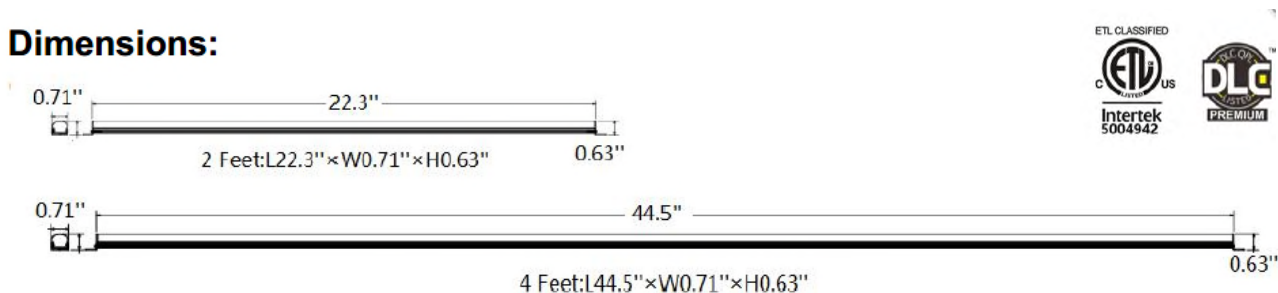
- (1/2/3/4) 2'4'LED Strip
- (1) Magnetic Led Driver
- (2/4/6/8) Magnets
- (1) Quick Connect
- (1) Modification Label
- (1/2/3/4) Optional Cover
- (1) Installation Instruction

### Description:

The RTST series 2ft and 4ft LED retrofit strip kits deliver up to 125LPW while achieving up to CRI 80 at 4000K and 5000K.


The innovative kit is designed for retrofitting existing 1×4, 2×2 and 2×4 fluorescent troffer fixture to energy saving LED. The dimming comes optional. The kits is easy to install and fits into almost any existing linear fluorescent fixture via magnets, making it a perfect upgrade option for saving energy and long life.

### Dimensions:



### Features:

- Upgrade existing 1×4, 2×2, and 2×4 troffer fixture to energy-saving LED
- Efficacy: Up to 125 Lm/W (mounting in Troffer Housing)
- Efficacy of LED Source: 150-160LM/W (BridgeLux)
- Input Power:
  - 2ft 1-strip 20W/2-strip 30W/3-strips 40W
  - 4ft 1-strip 24W/2-strip 30W&40W/3-strip 45W&60W/4-strip 60W&80W
- Working Voltage: AC100-277V
- CRI: >80
- CCT: 4000K/5000K
- Controls: 0-10V Dimming
- Mounting: Existing Troffer Housing
- Power Factor: >0.9
- Total Harmonic Distortion: ≤ 20%
- Lens: Optional Clear /Frost Cover (DLC No Cover)
- Warranty: 5 years



No.	Item	Description	Watts	Accessories	Lumens	Dimensions
1	EL-RTST124	1.AC100-277V 2.LED: SMD 2835 3.CCT:4000K~5000K	24W 1 ×Strip	1.LED Board 2. Aluminum profile 3.2×Magnet Per Strip 4.2×Magnet per driver 5.Quick Connector	125-135Lm/W 2500-2700Lm	4 Ft (L44.5"×W0.71"H0.54")
2	EL-RTST230		30W 2×Strips		125-135Lm/W 3750-4050Lm	
3	EL-RTST240		40W 2×Strips		125-135Lm/W 5000-5400Lm	
4	EL-RTST345		45W 3×Strips		125-135Lm/W 5625-6075Lm	
5	EL-RTST360		60W 3×Strips		125-135Lm/W 7500-8100Lm	
6	EL-RTST460		60W 4×Strips		125-135Lm/W 7500-8100Lm	
7	EL-RTST480		80W 4×Strips		125-135Lm/W 10000-10800Lm	
8	EL-RTST2120		20W 1 ×Strip		125-135Lm/W 2500-2700Lm	2 Ft (L22.2"×W0.71"H0.54")
9	EL-RTST2230		30W 2×Strips		125-135Lm/W 3750-4050Lm	
10	EL-RTST2340		40W 3×Strips		125-135Lm/W 5000-5400Lm	

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