TEKNIK
LIGHTING SOLUTIONS

5 YEAR PRODUCT WARRANTY

WATTAGE SELECTABLE

COLOUR SELECTABLE

EMERGENCY FUNCTION

IP 20 INGRESS PROTECTION

[CORSAIR]
DIFFUSED LED BATTEN

[CORSAIR]
LITE DIFFUSED LED BATTEN

USER MANUAL

IPART APPROVED

VEET APPROVED

Teknik Lighting Solutions Pty Ltd | ABN: 44 608 397 913 | www.tekniklighting.com.au
5/26-34 Dunning Ave, Rosebery NSW 2018 | 1300 313 780 | info@tekniklighting.com.au

INTRODUCTION

Thank you for selecting the [CORSAIR] Diffused LED batten. Please ensure that the luminaire is installed in accordance with the below instructions. **Teknik Lighting Solutions Pty Ltd** assumes no responsibility for inappropriate use or installation of the product, including any associated damage caused.

Features:

> Unique clip on diffuser and gear tray for easy installation.

> True 5 year warranty.

> Wattage switchable.

> Able to be wired from the side or back.

> Tri-colour for versatile installation.

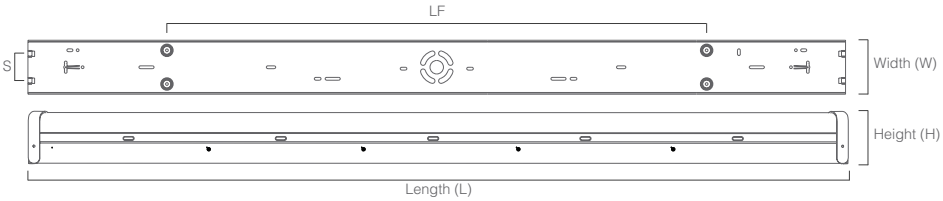
PRECAUTION

1. Read the entire manual carefully prior to installation and operation.
2. The warranty period is listed on the product as well as on the packaging. Teknik will repair or replace the product if it becomes defective under normal use due to a manufacturing defect within the prescribed period.
3. Declared lumen output is based upon measurements obtained during operation on the appointed LED electronic driver under standardised laboratory conditions.
4. Installation must be performed by a licenced and qualified electrician, in accordance with these instructions and relevant Australian Standards.
5. Instant restart is allowed.
6. Do not change or tamper with any internal electric circuits, add any wires, connectors or cables for any reason.
7. Please do not insert any physical objects of any nature into the fitting as this may cause electric shock, malfunction or damage to the products.
8. Before replacement of the fitting turn the power off and allow to cool down.
9. In case of weight discrepancy when replacing old lamps, please ensure that the mounted structure is rated to withstand the weight of the new lamp and installation materials.
10. For further information, please contact Teknik (www.tekniklighting.com.au) or your local distributor.

SPECIFICATIONS

Model	BC-2-16S120 (-E) (-SD)	BC-4-30S120 (-E) (-SD)	BCL-2-16S120 (-E)	BCL-4-30S120 (-E)
Input Voltage	220-240 VAC ~ 50/60Hz			
Power	8W/16W	15W/30W	8W/16W	15W/30W
Lumen Output (Normal)	1000lm-2000lm	1900lm-3700lm	1000lm-1920lm	2000lm-3600lm
Colour Temp.	Tri-Colour (3000K/4000K/5700K)			
CRI	>80			
Beam Angle	120°			
Connection	Terminal Block			
Lifetime	>50,000 hrs			
IP Rating	IP20			
Usage	Indoor Usage Only			

DIMENSIONAL DRAWING



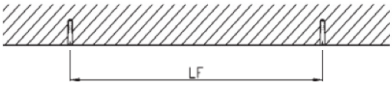
Model	L	H	W	LF	S
BC-2-16S120 (-E) (-SD)	620	79.5	84.5	410	50
BC-4-30S120 (-E) (-SD)	1200	79.5	84.5	800	50
BCL-2-16S120 (-E)	620	65	65		
BCL-4-30S120 (-E)	1200	65	65		

Unit = mm

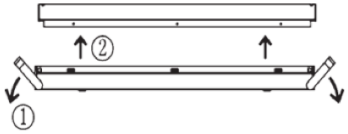
INSTALLATION

1. Disconnect power to the circuit.

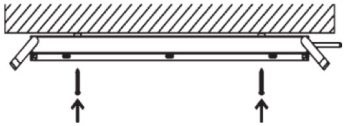
2. Install wall plugs in the desired surface with correct spacing using the dimensional drawing value (LF) specified above.



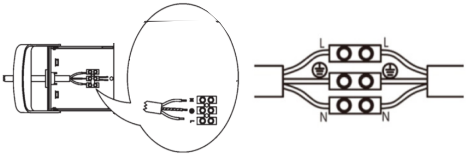
3. Open the end caps at both ends of the fitting and remove the LED module as shown below. Please ensure to detach both the plastic safety tethers and the male and female DC connectors.



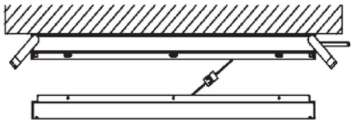
4. Mount the lamp base to the desired surface by using the wall plugs (installed in step 2) and the screws provided.



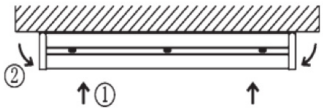
5. Take the incoming AC mains cable and screw in the wires tightly into the terminal block. Ensure that the wires are screwed into the correct position in the terminal block.



6. Take the LED module and reconnect both plastic safety tethers. Also connect the male connector to the female connector on the lamp base.



7. Attach the LED module to the lamp base and rotate the end caps as shown below to close the fitting.



EMERGENCY TEST BUTTON INSTRUCTIONS

1. Remove gear tray from the body.
2. Connect the battery to the emergency converter.
3. To test the [CORSAIR], press the red button to simulate AC mains failure. If the light is in maintained mode, it will result in a brighter luminaire. If the light is in non-maintained mode, it will switch on to 4W energy power mode.

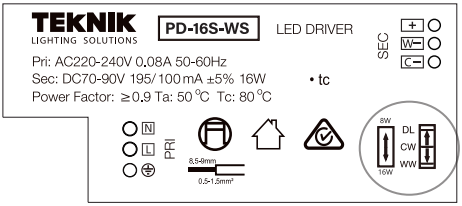
NOTE:

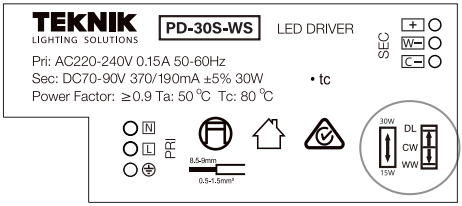
If the red light is on, the product is currently re-charging. If the red light is not on, the product is fully charged.

Before installation or maintenance, ensure that the mains supply to the luminaire is switched off and the circuit supply fuses are removed or circuit breaker is switched off.

WATTAGE & CCT SELECTION

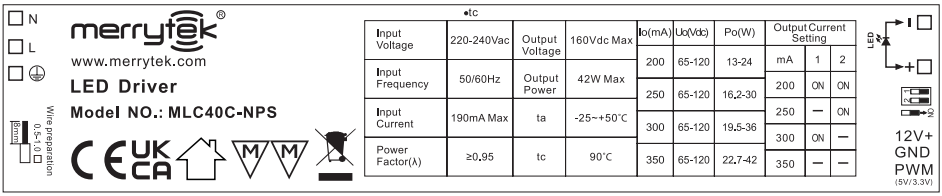
WITHOUT SENSOR





1. Remove gear tray from housing.
2. Choose the desired wattage and colour temperate selection as per the above diagrams.
   i. 4ft Model: 30W or 15W (excluding BC-4-30S120-SD)
   ii. 2ft Model: 16W or 8W
   iii. 3000K (WW) / 4000K (CW) / 5700K (DL)
   Note: For emergency versions, colour temperature selection switch is located along the wiring harness.

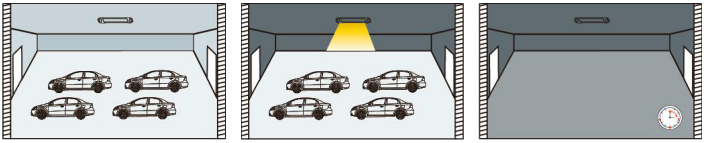
WITH SENSOR



1. Remove gear tray from housing
2. On the DC output side of the LED driver, use the dip switch to select the preferred output level.
   i. BC-4-30S120-SD: 30W (350mA), 26W (300mA), 22W (250mA), 18W (200mA)

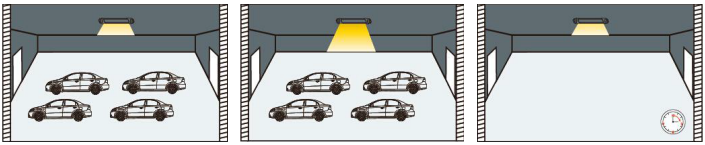
SENSOR DIMMABLE OPTION (-SD)

1. On/OFF Function: *stand-by period be set to "0s"*



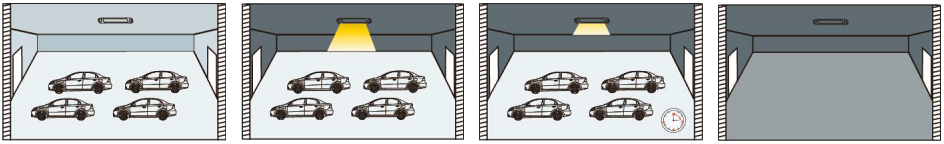
1. With sufficient ambient light, the light will not be switched on even if with motion signal.
2. With insufficient ambient light, the sensor switches on the light when motion is detected.
3. After elapse of hold time, the sensor switches off the light when no motion is detected.

2. 2-Step Dimming Function: *stand-by period be set to "+∞"*



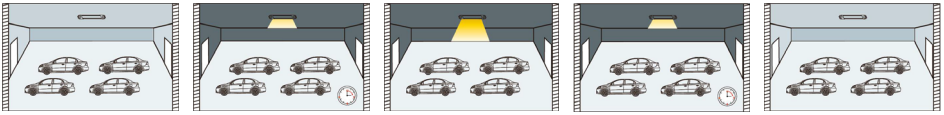
1. If there is no motion detected, the light will be remained at a low light level all the time.
2. When motion is detected, the sensor will switch on the light to 100% brightness
3. After elapse of hold time, the sensor dims the light at the present low level if no motion is detected.

3. 3-Step Dimming Function: *stand-by period be set to "10S/1min/3min/5min/10min/30min"*



1. With sufficient ambient light, the light will not be switched on even if with motion signal.
2. With insufficient ambient light, the sensor switches on the light when motion is detected.
3. After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.
4. After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

4. Daylight Priority: *stand-by period set to"DH Mode"*



1. With sufficient ambient light, the light will not be switched on even if with motion signal.
2. When the ambient light is insufficient, the lamp will turn on and enter the low light state (standby level).
3. With insufficient ambient light, the lamp goes on full light when a mobile signal is detected.
4. After hold time, if no motion is detected in the detection area, the lamp will automatically turn to standby brightness.
5. After standy time, if no moving object is detected in the detection area and the ambient light is sufficient, the lamp will turn off automatically.

DISCLAIMERS

1. This product must be installed and used as per these instructions.
2. This product contains no serviceable parts and no attempt should be made to repair this product. If the product is faulty it should be discarded.
3. This product is not suitable for installation in hazardous and/or corrosive areas.
4. Electrical installations periodically receive transient over voltages. This product has been designed to minimise the effect of such voltages on connected equipment. It may not give full protection for extreme over-voltage transients such as those resulting from a close lightning strike.
5. This product utilises intellectual property in the form of registered designs, trademarks, and/or patents. Such intellectual property remains the property of Teknik Lighting Solutions Pty Ltd in all cases.