



Datasheet

Cyrus LED Batten Light



SAA CE



• Product Features

- > Special case for college fitting
- > Easy opening design for cover
- > End or rear cable entry
- > Easy installation
- > 5 years warranty

• Options

- > Emitting color: Single or Tri-color
- > Function : ON-OFF / 1-10V dimming/ DALI dimming
- > Installation : Surface mounting

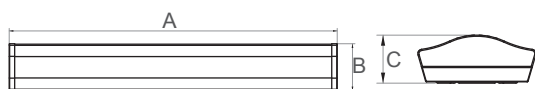
• Application

- > Replacement for T8 fluorescent batten ,
- > Warehouses , Factories, Car parks , Supermarkets,
- > Stations, Office .

• Product Picture



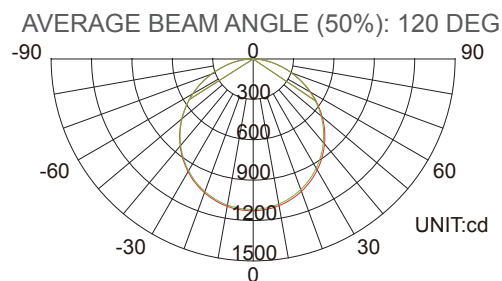
• Dimension



Product Name	A	B	C
1.2M/4ft	1200	215	77
1.5M/5ft	1500	215	77

Unit:mm

• Photometry Curve



• Product code policy

LDN XX -XXX XX- XXXX X- XXX

01 02 03 04 05 06 07 08 09 10 11

01. Product category: BT: Batten/Linear Light
02. Product dimension: eg: 04:4ft/120CM; 05:5ft/150cm
03. Rated power: eg: 32: 32W; 50: 50W
04. Luminous Efficacy: K: Kernel 115LM/W
05. Color Temperature: eg:N1: 4000~4500K, TR:Tri-color
06. Product version: A: ARCO batten
07. Structural function: F:Frosted cover
08. Electrical function:N:ON/OFF
- 09.Power attribute:1:AC200-240V Flicker free power drive
- 10.Power supply manufacturer
- 11.Series No.: 001-499.

• Technical / Electrical Characters (at TA=25°C)

Item	Symbol	L=120CM/4ft		L=150CM/5ft	
Rated Power	W	17W	32W	25W	50W
Product Code	/	BT04-17KN1 -AFN1B-001	BT04-32KN1 -AFN1B-001	BT05-25KN1 -AFN1B-001	BT05-50KN1 -AFN1B-001
LED Type/Qty	SMD2835	104	182	156	286
Lumen Efficacy	Lm/w	typ.115	typ.115	typ.115	typ.115
Luminous Flux	Frosted	typ.1950	typ.3650	typ.2850	typ.5750
Color Index	CRI(Ra)	Ra>80			
Color Temperature	TC(K)	Single color:WW:3000K, NW:4000K, PW:5500K Tri-color:3000/5500K, Mixed:4000K			
Beam Angle	Degree	120 degree			
Dimming Function	/	ON-OFF / 1-10V dimming / DALI dimming			
Flicker	/	Flicker free			
Power Factor	PF	PF>0.95			
Input Voltage	V	AC200~240V/50Hz			
Working Voltage	V	Constant DC36~42V			
Housing material	/	Steel Case + PC Cover			
Starting time	S	<0.5S			
Protection Class	IP	IP20			
Temperature	°C	Operation:-15°C~+50°C Storage:-25°C~+55°C			
Lumen Maintenance @6000hrs	%	80%			
Switich cycle before failure	times	100000			
Life Span	h	50,000 hours			
Warranty	/	5 years			

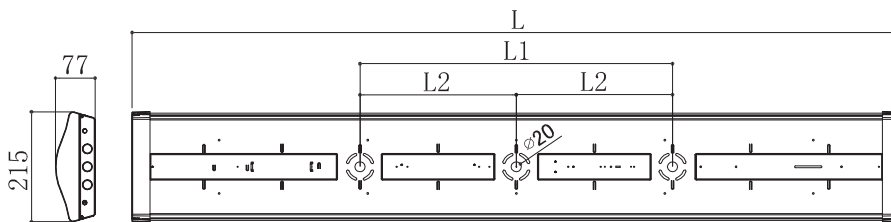
• ErP Technical Specification

Item	Symbol	Specification / Data
Color Index	CRI	Ra>80 , R9>0
Luminous Efficacy	Lm/W	Kernel: typ. 115LM/W
Color consistency in level	/	Max. 5SDCM
THD	%	<15%
Starting Time	S	<0.5S
Switching Cycle before Failure	/	>100,000 times
Premature failure rate @1000h	/	0
Lumen Maintenance @ 6000h	%	>80%



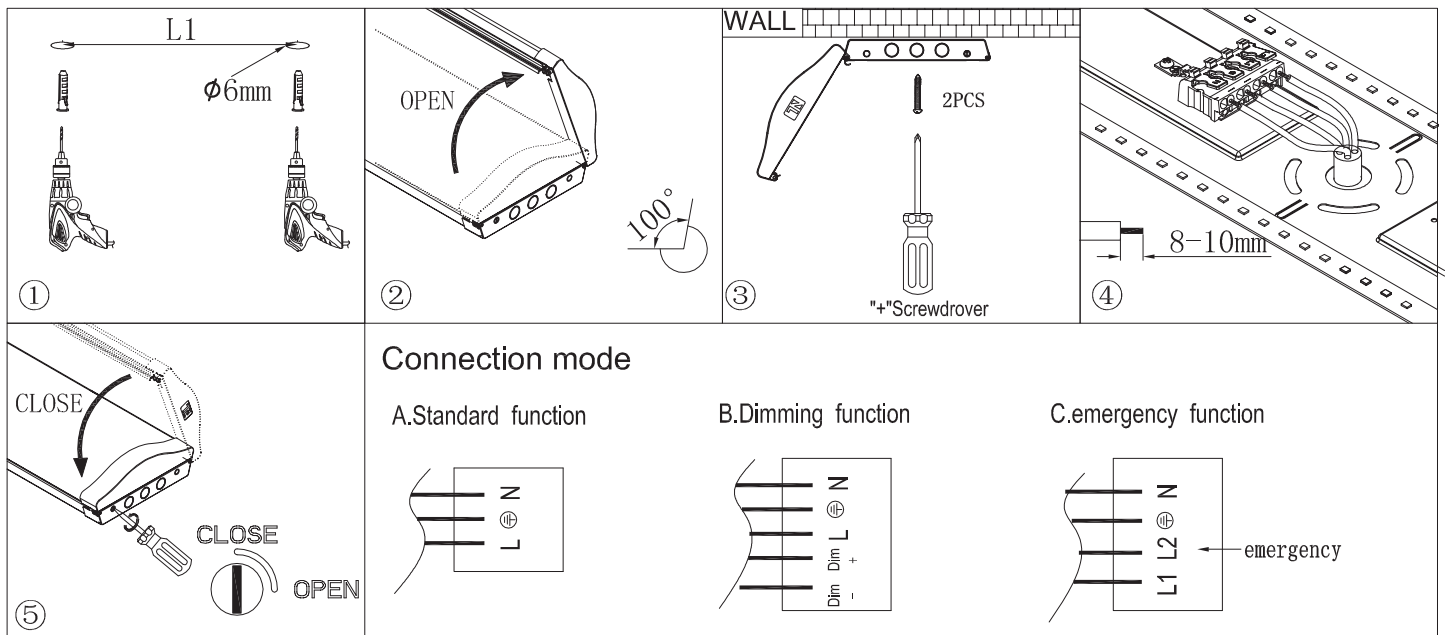
• Installation

1.Product Size



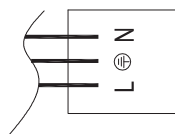
Type	Size L	Size L1	Size L2
4FT	1200mm	610mm	305mm
5FT	1500mm		

2.Mounting procedure

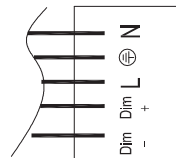


Connection mode

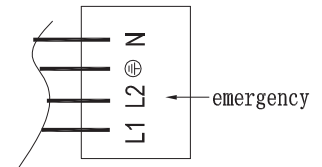
A.Standard function



B.Dimming function



C.emergency function



! Notice

- 1.All electrical work must be undertaken by a qualified contractor to ensure compliance with latest edition BS 7671 and IEE/IET wiring regulations
2. Before installing an LED Low Bay or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.
- 3.This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

• Package

Product Type	Rate Power	Inner Box	Outer Carton	Qty/Carton	Unit N.W	G.W/Carton
120cm/4ft	17/32W	1215 x 225 x 85mm	1230 x 445 x 240mm	5Pcs	2.2kg	13kg
150cm/5ft	25/50W	1515 x 215 x 85mm	1530 x 445 x 240mm	5Pcs	3.2kg	18kg

! CAUTION

- ✘ In case of electric shock, please make sure the power is off before installation.
- ✘ The lamp should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
- ✘ Do not use sharp tools near or on the surface of the lamp.
- ✘ Unpack and examine the product carefully. Report any damage and save all packing materials if any portion of the product was damaged during transportation.