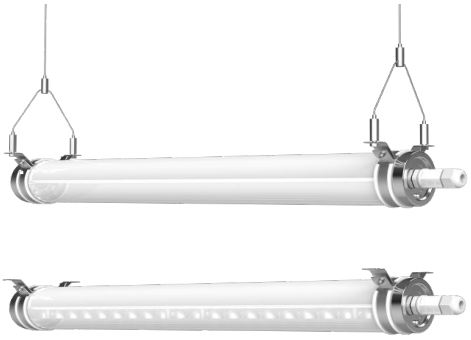
Colony DLHB13

LED LINEAR LIGHT

DARKON X
THE EDGE OF LIGHT

Version: 3.6



CE RoHS

Electrical Information

Model No.	DLHB13-020	DLHB13-040	DLHB13-050
Power Consumption(±10%)	20W	40W	50W (±5%)
Power Supply	Philips Driver		
Input Voltage	220-240 VAC, 50-60Hz		
Power Factor	≥0.9 at Max Load		
Surge Protection	1KV line-line, 2KV line-earth		
Driver Type	Constant Current (CC)		
Control	dimmable, DALI		

Optic Information

LED Type 1	LED2835		
Luminous Flux (±10%)	2800LM	6000LM	7500LM
Efficacy(4000K Ra80)	140lm/W	150lm/W	
LED Type 2	LED 3030		
Luminous Flux (±10%)	2800LM	5600LM	7000LM
Efficacy(4000K Ra80)	140lm/W		
Correlated Color Temperature	4000K (3000K, 5000K optional)		
Color Rendering Index	Ra80 (Ra70 optional)		
Beam Angle	L00C18 , L03001, L03002		
UGR level	NA		

Description

DLHB13 is an innovative LED Tubular light which can be used very flexibly. Be it aviaries, Animal farm, Swimming Pool (Chlorine gas), Chemical factory, Office, or Food industry factory, there are nearly no boundaries.

Key Features

- IP69K, against water pressure of 100bar(1450psi) and temperature of 80°C
- Glare free UGR<19, beam angle 60° or 90°
- PMMA clear/milk cover(anti-corrosion), PC clear/milk cover(IK10).
- Quick connection. It can be linkable together one by one.
- Surface Mount or Suspended
- 1-10v, DALI optional
- Qualified Philips driver.

Dimentions and Mount

Product Dimension	120x84x600mm	120x84x1128mm	120x84x1390mm
Luminaire Net Weight	1.10k±0.2kg	1.62±0.2kg	1.96±0.2kg
Export Carton Size	867x445x340mm	1400x335x340mm	1660x335x235mm
Gross Weight	19.32±0.2kg(12pcs/ctn)	19.97±0.2kg(9pcs/ctns)	16.24±0.2kg(6pcs/ctn)
Mounting Option	Suspension Mounting, Ceiling Mounting		
Material	PMMA or Polycarbonate +Stainless Steel		
	Aluminum Alloy		
Finish	NA		
Fixture Color	Milky white		
EPA	NA		
IK Rating	IK10/IK06		
IP Rating	IP66		

Lifespan and Warranty

Operating Temperature	-30°C to 40°C
Life Time of LED @Ta=25°C	60,000hrs-L90B50
	124,000hrs-L80B50
	197,000hrs-L70B50
Warranty	5 Years

Applications

- Food Processing
- Farm Lighting
- Poultry Lighting
- Agricultural applications
- Other applications

*LHB13 provides two housing materials: PMMA and PC. PMMA material can be used in weak acid and weak alkali environment with IK06 rating. PC material is suitable for most general environments, with IK10 rating. Kindly note: PMMA material has good resistance to weak acids and weak alkalis, while PC material cannot be used in alkaline environments.

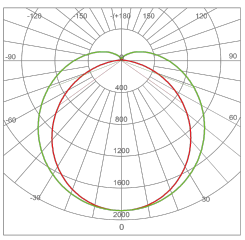
New Features

- UGR<16with honeycomb
- Linkable solution available.

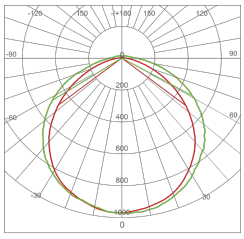
Please consult us for details.

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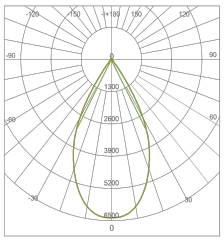
Photometry



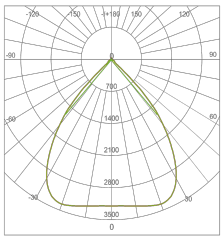
L00C18-02



L00C18-03

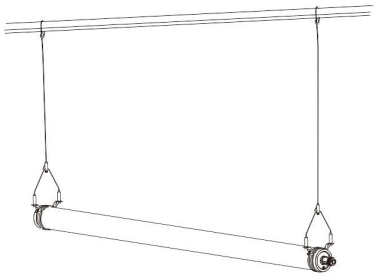


L03001



L03002

Mounting Options



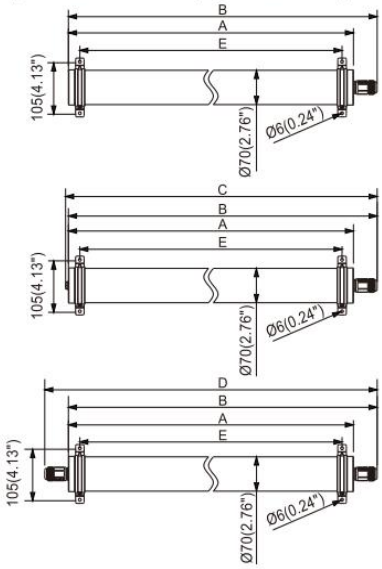
Suspension Mounting

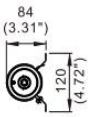


Ceiling mounting

Dimensions

Physical Dimensions(Unit: mm/inch)

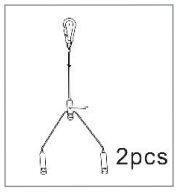




A-Length of the body;
B-Length of the body with single connector;
C-Length of the body with single connector and vent;
D-Length of the body with double connectors.
E-Length between the bracket installation holes

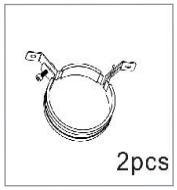
MODEL	A		B		C		D		E	
	mm	in	mm	in	mm	in	mm	in	mm	in
DLHB13-020	600	23.62	650	25.59	656	25.83	700	27.56	552	21.73
DLHB13-040	1128	44.41	1178	46.38	1184	46.61	1228	48.35	1080	42.52
DLHB13-050	1390	54.72	1440	56.69	1446	56.93	1490	58.66	1342	52.84

Accessories



Suspension kit
304 stainless steel, available for 1.5m long.

Code: SL-L13-01



Ceiling mount bracket
316 stainless steel.

Code: BC-L13-01