DARKON
THE EDGE OF LIGHT

Colony - DLHB19 LED Linear Light

Version: 3.5



Electrical Information

Model No.	DLHB19-070	DLHB19-120
Power Consumption(±5%)	70W	120W
Power Supply	Inventronics	
Input Voltage	100-240VAC, 50 / 60 Hz	
Power Factor	>0.95	
Surge Protection	6kV line-line,10kV line-earth	
Driver Type	Constant Current (CC)	
Control	0-10V dimmable	

Optic Information

LED Type	LED 2835	
Luminous Flux (±10%)	9450lm	16200lm
Efficacy(5000K Ra80)	135lm/W	
Correlated Color Temperature	5000K (3000K, 4000K optional)	
Color Rendering Index	Ra80	
Beam Angle	L00111, L00112, L00114, L00118	
UGR Level	NA	

Description

DLHB19 is a strong, compact luminaire for food industry that got the NSF certificate as well. The housing provides IP69K ingress protection (1450 PSI) along with extreme chemical resistance. And it is designed for heavy hose-down applications or daily sanitation.

Dimentions and Mount

Product Dimension	629x86x114mm	1209x86x114mm
Luminaire Net Weight	2.3±0.3kg	3.5±0.3kg
Export Carton Size	715x250x165mm	1295x250x165mm
Gross Weight	5.4±0.3kg(2pcs/CTN)	8.1±0.3kg(2pcs/CTN)
Mounting Option	Suspension Mounting	
	Ceiling Mounting	
Material	Housing:Aluminum Alloy	
	Optics:polymethyl methacrylate Optical Lens	
Finish	Anodizing	
Fixture Color	Aluminum color	
EPA	NA	
IK Rating	IK06	
IP Rating	IP66	

Key Features

- IP69K, against water pressure of 100bar(1450psi) and temperature of 85°C
- Equiv. to 300W Metal Halide lamps
- Various beam angle optional
- PMMA cover optional
- Efficiency up to 135lm/W
- Surface mount or Suspended

Lifespan and Warranty

Operating Temperature	-30°C to +45°C
Life Time of LED @Ta=25°C	31,000hrs-L90
	64,000hrs-L80
	101,000hrs-L70
Warranty	5 Years

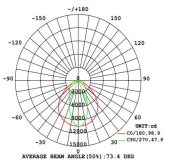
Applications

- Interior lighting
- Hotel
- Warehouse
- Shopping Mall
- Toll Station and so on.

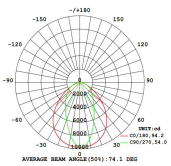
New Features

*** Please consult us for details.**

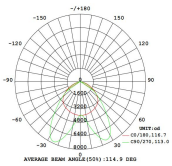
Photometry



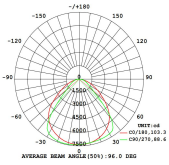
L00111(40*100°)



L00112(60*90°)



L00114(bilateral asymmetric25°)



L00118(90*100°)

Mounting Options

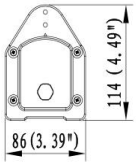


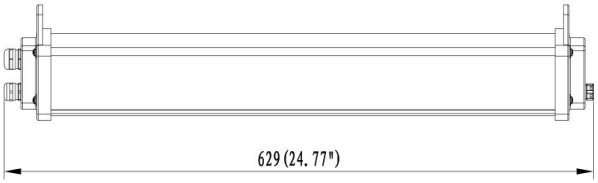
Suspension mounting



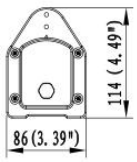
Ceiling mounting

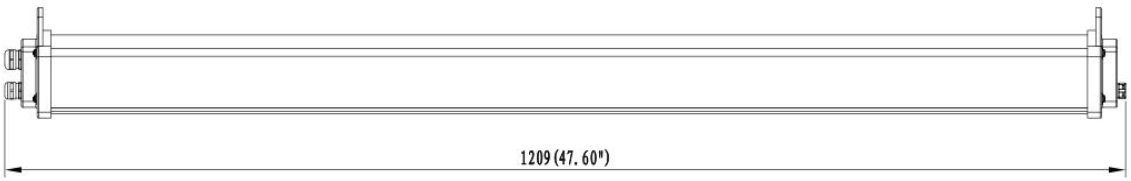
Dimensions(Unit: mm/inch)





70W





120W

Accessories



Optic lens
High transmittance PMMA materials, UV test approval.

Code: please refer to **Photometry** for different beam angle.



Safety rope
304 stainless steel, available for 1m long.

Code: SL-L19-01



Adjustable ceiling mount bracket
SPCC materials with outdoor powder coating.

Code: BC-L19-01