

MATRIX LED LIGHT BAR (External driver version)



Modularity

Cleverly designed to allow for a variety of flexible combinations and installations. Using brackets allows for diverse options and easy installation.



Excellent Heat Dissipation

Stringently selected materials provide for a steady dissipation of heat throughout the whole system, in turn allowing a longer lifetime for the luminaire.



Quality Core Component

Excellent luminaire design to the core: starting with the LED packages themselves. These luminaires only use high quality SMD packages – chipsets that have great quality and long life as backed by LM-80 report. Quality inside the luminaires that shines from the outside.



Desirable CRI

With a CRI of 80 SONARAY's Light Bar brings out the colors you want where ever and however you decide to install it.



Energy Saving

The combination of high-efficacy LED components with excellent whole system design has SONARAY LED lighting achieving energy savings of 40% - 80% compared with traditional lighting sources.



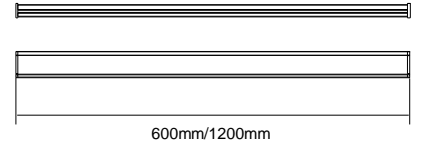
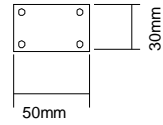
Attractive Appearance

In addition to being a versatile, well functioning luminaire, SONARAY's Light Bar is as aesthetically appealing. Recessed or exposed, single or combined, the Light Bar looks good and works well. Here, form and function come together.

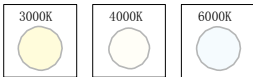


Specifications

Material: Aluminum
 Driver: External
 Input Voltage (Driver): AC100-277V~50/60Hz
 Power Factor: > 0.95
 Beam Angle: 93°
 Operating Temperature: -25°C~+45°C, -13°F~+113°F
 Lifetime: ≥ 30,000hrs

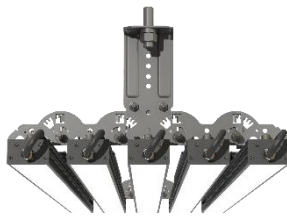
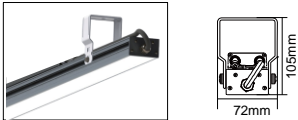


Color Temperature



Combinations of brackets:

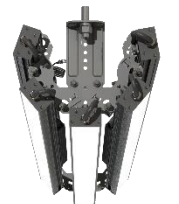
Single unit (for ceiling mounted type)
 (Order No.:LB-1000A-A)



The angle can be adjusted, one notch is 10°.



Downward maximum adjustable 10°

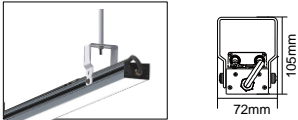


Upward maximum adjustable 50°

Single unit (Order No.:LB-1000A-E)



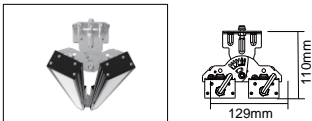
Single unit (Order No.:LB-1000A-A)



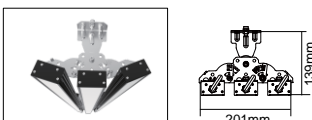
Single unit (Order No.:LB-1000A-K)



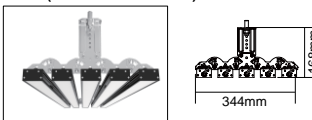
Double units (Order No.:LB-1000A-B)



3 units (Order No.:LB-1000A-C)

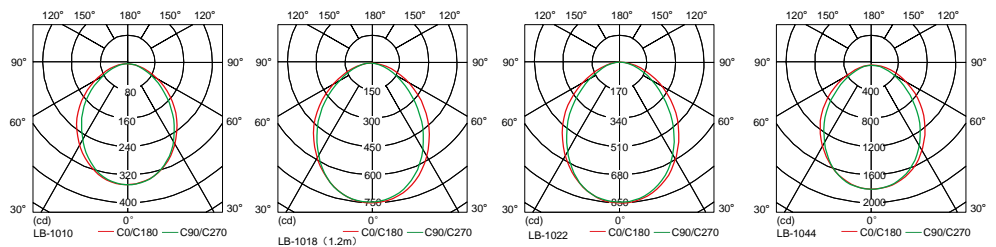


5 units (Order No.:LB-1000A-D)



Model No.	Length (m)	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	CCT (K)	CRI (Ra)	Driver Weight (kg/lb)	Light Engine Weight (kg/lb)
LB-1010	0.6	10	900	90	6000	≥80	0.09/0.198	0.81/1.79
LB-1018	0.6	18	1728	96	6000	≥80	0.22/0.49	0.88/1.94
LB-1018	1.2	18	1728	96	6000	≥80	0.22/0.49	1.58/3.48
LB-1022	1.2	22	1980	90	6000	≥80	0.22/0.49	1.58/3.48
LB-1044	1.2	44	4048	92	6000	≥80	0.22/0.49	1.58/3.48

Light Distribution Curve



Illuminance Distribution

H(m)	E(lx)	D(cm)
1	399	212
2	100	424
3	44	637
4	24	849
5	16	1061

LB-1010

H(m)	E(lx)	D(cm)
1	732	217
2	183	433
3	81	650
4	46	867
5	29	1084

LB-1018 (1.2m)

H(m)	E(lx)	D(cm)
1	842	214
2	211	428
3	94	642
4	53	856
5	34	1070

LB-1022

H(m)	E(lx)	D(cm)
1	1769	215
2	442	430
3	197	646
4	111	861
5	71	1076

LB-1044