

MATRIX LED LIGHT BAR (Mounted driver version)



Modularity

Cleverly designed to allow for a variety of flexible combinations and installations. Using brackets brings it all together, providing 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 on the outside.



Desirable CRI

With a CRI of 80 SONARAY's Light Bar brings out the colors you want wherever 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

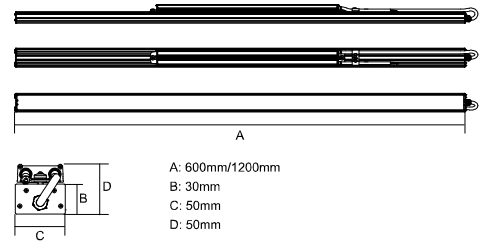
In addition to being a versatile, well functioning luminaire, SONARAY's Light Bar is an aesthetically appealing one, too. Recessed or exposed, single or combined, the Light Bar looks good and works well. Here, form and function come together.

MATRIX LED LIGHT BAR (Mounted driver version) **SONARAY®**

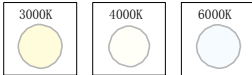


Specifications

Material: Aluminum
 Driver: Mounted
 Color: Black/White
 Power Factor: ≥ 0.9
 Beam Angle: 93°
 Input Voltage: AC100-277-50/60Hz
 THD: $\leq 15\%$ @ 277V
 Operating Temperature: $-25^\circ\text{C} \sim +45^\circ\text{C}$, $-13^\circ\text{F} \sim +113^\circ\text{F}$
 Lifetime: $\geq 30,000$ hrs

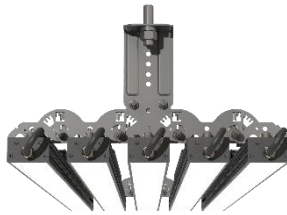


Color Temperature

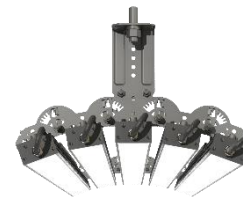


Combinations of brackets:

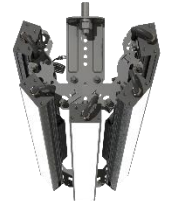
Single unit (for ceiling mounted type)
 (Order No.: LB-1000A-J)



The angle can be adjusted, one notch is 10°



Downward maximum adjustable 10°



Upward maximum adjustable 50°

Single unit (for pendant with O-ring)
 (Order No.: LB-1000A-E)



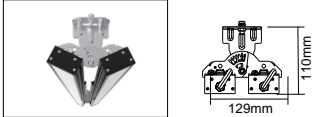
Single unit (for pendant with bracket)
 (Order No.: LB-1000A-A)



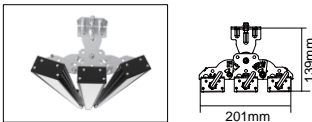
Single unit (Order No.: LB-1000A-K)



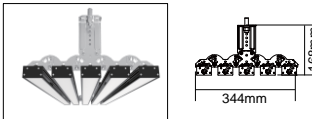
Double units (Order No.: LB-1000A-B)



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

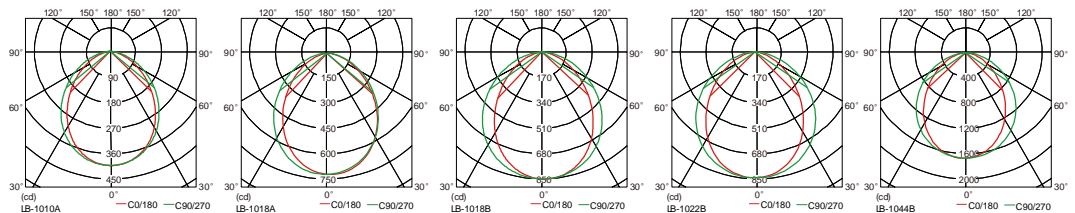


5 units (Order No.: LB-1000A-D)



Model No.	Length (m)	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	CCT (K)	CRI (Ra)	Weight (kg/lb)
LB-1010A	0.6	10	1020	102	6000	≥ 80	1.2/2.65
LB-1018A	0.6	18	1728	96	6000	≥ 80	1.2/2.65
LB-1018B	1.2	18	1908	106	6000	≥ 80	2/4.41
LB-1022B	1.2	22	2222	101	6000	≥ 80	2/4.41
LB-1044B	1.2	44	4444	101	6000	≥ 80	2/4.41

Light Distribution Curve



Illuminance Distribution

H(m)	E(lx)	D(cm)	H(m)	E(lx)	D(cm)	H(m)	E(lx)	D(cm)	H(m)	E(lx)	D(cm)	H(m)	E(lx)	D(cm)
1	404	201	1	724	204	1	747	203	1	846	201	1	1687	204
2	101	403	2	181	408	2	187	406	2	212	403	2	422	407
3	45	604	3	80	612	3	83	610	3	94	604	3	187	611
4	25	805	4	45	816	4	47	813	4	53	806	4	105	815
5	16	1007	5	29	1020	5	30	1016	5	34	1007	5	67	1018

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