

MATRIX LED INTEGRATION LIGHT BAR



LM-80

Obtained LM-80
Certification

70% lumens maintained after
35,000 hours of operation.



High CRI

Ra > 80, The space
color have more
layers.



Complies to Photo-
Biological Safety
Standards
EN62471:2008

Safety Assurance on
human eyes and skin.

CCT

Accordance with the
Standard ANSI C78.377

Complies to "3-Step
MacAdam Eclipses"
(Chromaticity control
standard) , Sonaray uses
LED chip with the best
chromaticity.



High Efficiency Energy
Saving

Pursuing more energy
saving, higher efficiency,
achieved 50%-80% energy
saving.



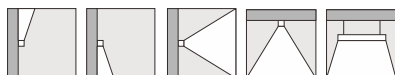
Ambient temperature

-25°C—+ 45°C



Product Feature:

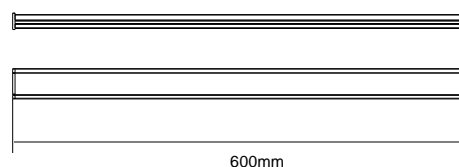
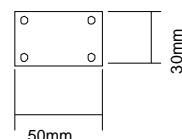
A variety of installation methods; can be used individually or in combination; replaces traditional fluorescent easily (with lighthouse) without changing the circuit .



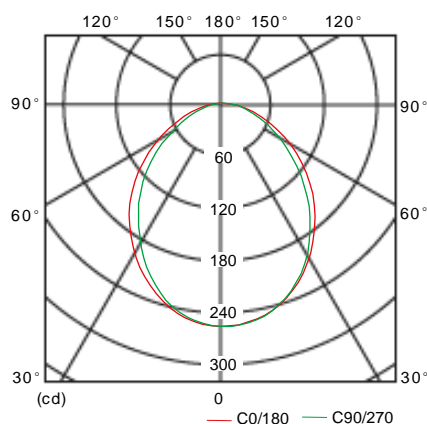
LB-1010

IP20

Power: 10W
 Luminous Flux: 900lm
 Luminous Efficacy: 90lm/w
 Color Temperature: 6000K
 CRI: Ra≥85
 Beam Angle: 93°
 Material: Aluminum
 Power Supply : External
 Input Voltage : AC 90-277V
 Output Voltage : 20-30V
 Power Factor : >0.95
 Weight: 1kg
 Operation Temperature: -25°C ~ +45°C
 Lifespan: ≥35000hrs



Light Distribution Map



Illuminance Distribution

H(m)	E(lx)	D(cm)
1	258	213
2	64	427
3	29	640
4	16	853
5	10	1067

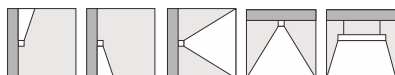


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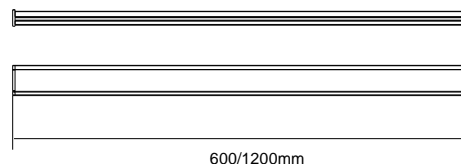
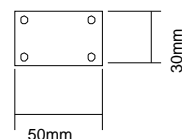
The angle can be adjusted.



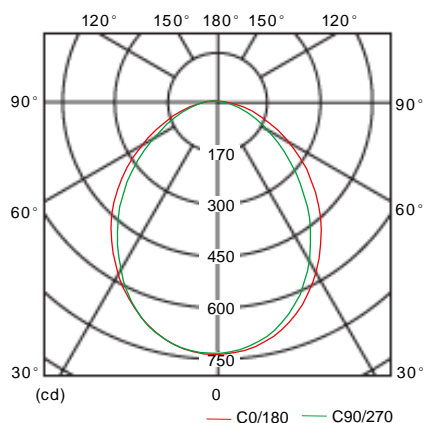
LB-1018

IP20

Power: 18W
Luminous Flux: 1676lm
Luminous Efficacy: 93lm/w
Color Temperature: 6000K
CRI: Ra≥85
Beam Angle: 93°
Material: Aluminum
Power Supply : External
Input Voltage : AC 90-277V
Output Voltage : 20-30V
Power Factor : >0.95
Weight: 1kg/1.74kg
Operation Temperature: -25°C ~ +45°C
Lifespan: ≥35000hrs



Light Distribution Map



Illuminance Distribution

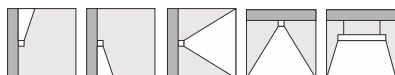
H(m)	E(lx)	D(cm)
1	732	217
2	183	433
3	81	650
4	46	867
5	29	1084



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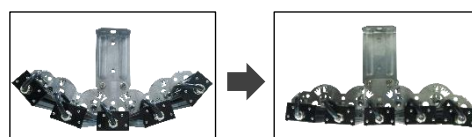
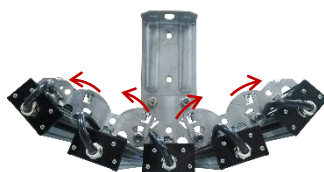


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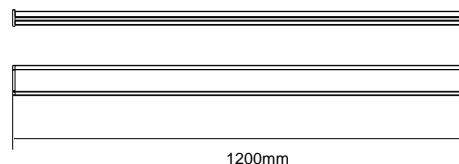
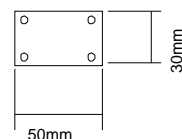
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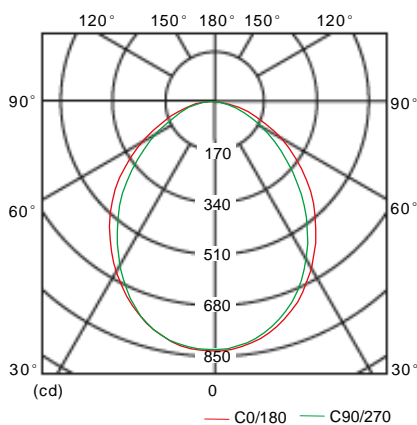
LB-1022

IP20

Power: 22W
Luminous Flux: 1980lm
Luminous Efficacy: 90lm/w
Color Temperature: 6000K
CRI: Ra≥85
Beam Angle: 93°
Material: Aluminum
Power Supply : External
Input Voltage : AC 90-277V
Output Voltage : 20-30V
Power Factor : >0.95
Weight: 1.74kg
Operation Temperature: -25°C ~ +45°C
Lifespan: ≥35000hrs



Light Distribution Map



Illuminance Distribution

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

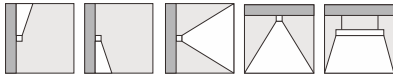


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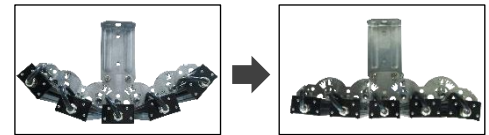
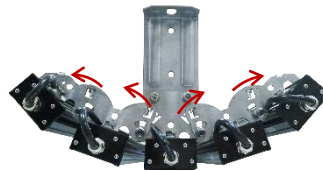


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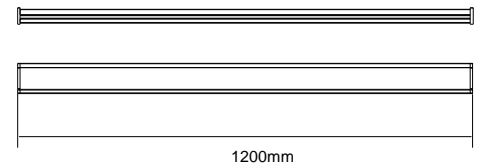
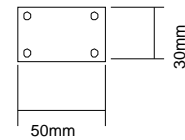
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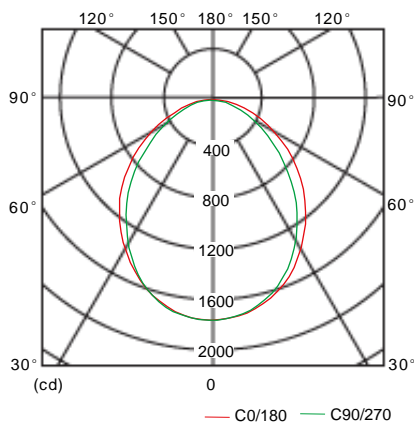
LB-1044

IP20

Power: 44W
Luminous Flux: 4040lm
Luminous Efficacy: 92lm/w
Color Temperature: 6000K
CRI: Ra≥85
Beam Angle: 93°
Material: Aluminum
Power Supply : External
Input Voltage : AC 90-277V
Output Voltage : 20-30V
Power Factor : >0.95
Weight: 1.74kg
Operation Temperature: -25°C ~ +45°C
Lifespan: ≥35000hrs



Light Distribution Map



Illuminance Distribution

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



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