



SONIC LED

SB T8 Bare Batten Series

Features

LED T8 bare batten provides maximum light output and energy efficient solution. Ideal replacement for traditional fluorescent T8. Suitable for a wide range of general lighting applications.

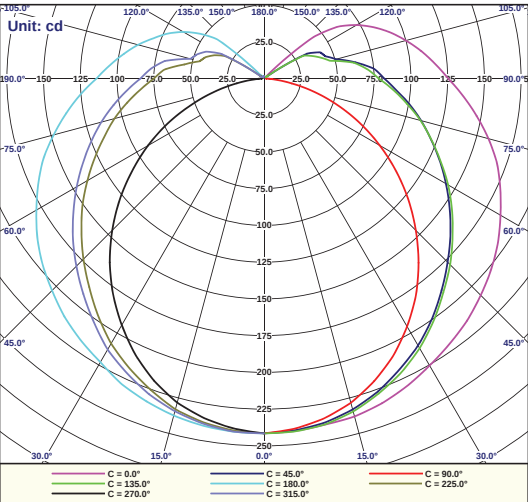
Applications

Ideal for indoor application, corridors, staircase, walkway, lift lobby and schools.

Control

Dimming Fixed Output

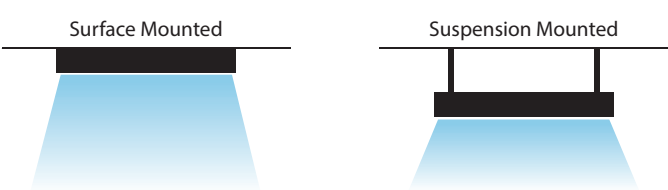
Lighting Data



Luminous intensity values are shown radially from centre.
Elevation angle values are shown around the outside of the graph.
Report Number: (2024EB0303)



Mounting



TM5 Utilisation Factor Table

Reflectance			Room Index (K)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.49	0.57	0.64	0.69	0.76	0.81	0.85	0.90	0.93
0.70	0.30	0.20	0.41	0.48	0.56	0.61	0.69	0.74	0.79	0.84	0.88
0.70	0.10	0.20	0.35	0.42	0.50	0.55	0.63	0.69	0.73	0.80	0.84
0.50	0.50	0.20	0.46	0.53	0.59	0.64	0.70	0.75	0.78	0.83	0.86
0.50	0.30	0.20	0.39	0.46	0.52	0.57	0.64	0.69	0.73	0.78	0.82
0.50	0.10	0.20	0.34	0.40	0.47	0.52	0.59	0.65	0.69	0.74	0.78
0.30	0.50	0.20	0.43	0.49	0.55	0.59	0.65	0.69	0.72	0.76	0.79
0.30	0.30	0.20	0.37	0.43	0.49	0.54	0.60	0.65	0.68	0.73	0.76
0.30	0.10	0.20	0.32	0.38	0.45	0.49	0.56	0.61	0.64	0.70	0.73
0.00	0.00	0.00	0.29	0.34	0.40	0.44	0.50	0.54	0.57	0.62	0.65
Distribution Factors		Floor:	0.29	0.34	0.40	0.44	0.50	0.54	0.57	0.62	0.65
		Wall:	0.55	0.50	0.44	0.40	0.34	0.30	0.26	0.22	0.19
		Ceiling:	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
BZ Numbers:			6	6	6	6	6	6	6	6	6

SHR Nominal = 1.50:1 SHR Maximum = 1.59:1



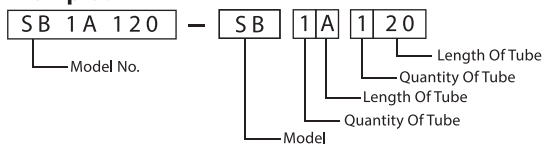
Specifications

Model	SB 1A 120	SB 2A 220	SB 1C 140	SB 2C 240
Nominal System Lumen Output	1094 lm	1911 lm	2088 lm	4194 lm
Nominal System Efficacy	133 lm/W	118 lm/W	151 lm/W	150 lm/W
Light Source	T8 LED Tube			
Colour Temperature (CCT)	3000K/4000K/6500K			
Input Voltage	240V,50Hz			
Colour Rendering Index (CRI)	>80			
Luminaire Rated Life	50,000hrs (L70B50)			
Operating Temperature	-20°C ~ +45°C			
Power Factor	>0.9PF			
Total Harmonic Distortion	≤20%			
Insulation Class	Class I			
Housing Material	Cold Roll Steel			
Ingress Protection	IP20			

Order Reference

Model	Quantity Of Tube	Length Of Tube
SB	1	A (2ft)
	2	C (4ft)

Example :



Order Information

Model No.	No. Of Lamp	Norminal Power(W)	L(mm)	W(mm)	H(mm)
SB 1A 120	1	8	612	54	87
SB 2A 220	2	16	612	100	87
SB 1C 140	1	14	1221	54	87
SB 2C 240	2	28	1221	100	85

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions

