



IEC 60598-1
IEC 60598-2-1
PS008202

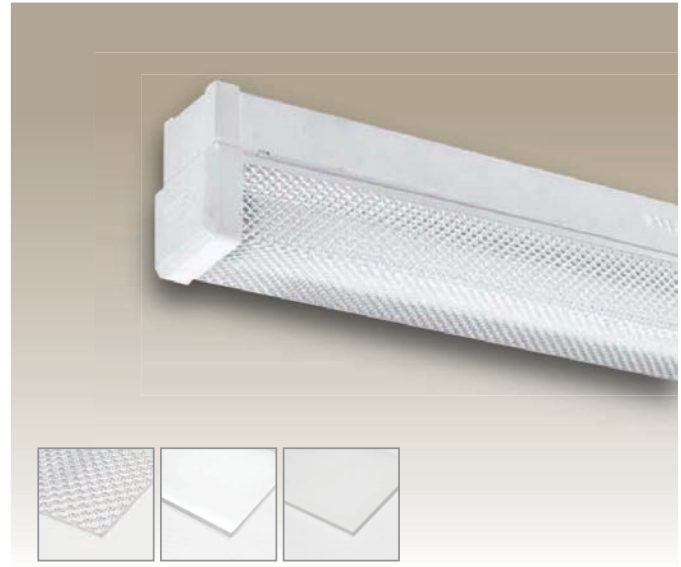


SONIC LED

SD T8 Daikon Diffused Batten Series

Features

Daikon diffused batten provides visual comfort by reducing direct glare from the light source. Features with plastic snap-on endcap design for simple installation. Various type of diffuser for good upward light distribution and greater aesthetic appeal.



Applications

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

Optional Features / Accessories

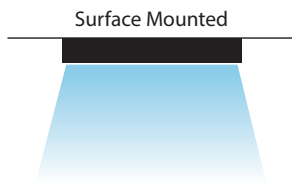
1-10V Dimming Control

TM5 Utilisation Factor Table

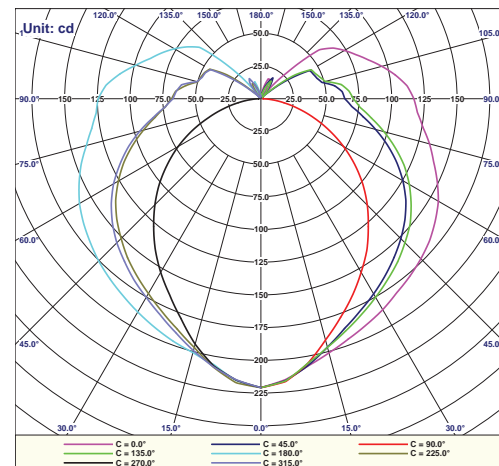
Reflectance			Room Index (K)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.48	0.56	0.63	0.68	0.75	0.80	0.83	0.88	0.92
0.70	0.30	0.20	0.40	0.47	0.55	0.60	0.68	0.73	0.77	0.83	0.87
0.70	0.10	0.20	0.34	0.41	0.48	0.54	0.62	0.67	0.72	0.78	0.83
0.50	0.50	0.20	0.44	0.51	0.57	0.62	0.68	0.73	0.76	0.80	0.83
0.50	0.30	0.20	0.37	0.44	0.51	0.55	0.62	0.67	0.71	0.76	0.80
0.50	0.10	0.20	0.32	0.39	0.45	0.50	0.57	0.63	0.67	0.72	0.76
0.30	0.50	0.20	0.41	0.47	0.53	0.57	0.62	0.66	0.69	0.73	0.76
0.30	0.30	0.20	0.35	0.41	0.47	0.51	0.57	0.62	0.65	0.70	0.73
0.30	0.10	0.20	0.31	0.36	0.43	0.47	0.53	0.58	0.62	0.67	0.70
0.00	0.00	0.00	0.27	0.31	0.37	0.41	0.46	0.50	0.54	0.58	0.61
Distribution Factors	Floor:		0.27	0.31	0.37	0.41	0.46	0.50	0.54	0.58	0.61
	Wall:		0.52	0.47	0.42	0.38	0.32	0.28	0.25	0.21	0.18
	Ceiling:		0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
BZ Numbers:			6	6	6	6	6	6	6	6	6

SHR Nominal = 1.50:1 SHR Maximum = 1.55:1

Mounting



Lighting Data



Luminous intensity values are shown radially from centre.
Elevation angle values are shown around the outside of the graph.
Report Number: (2024EB0321)



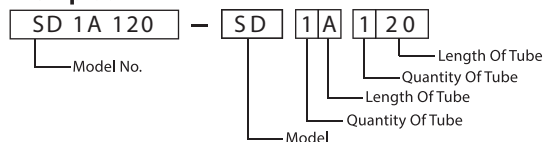
Specifications

Model	SD 1A 120	SD 2A 220	SD 1C 140	SD 2C 240
Nominal Power	8W	16W	14W	28W
Nominal System Lumen Output	987 lm	1727 lm	1924 lm	3819 lm
Nominal System Efficacy	121 lm/W	107 lm/W	140 lm/W	136 lm/W
Light Source	SJ Lite T8 LED Tube (HE)			
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
SD	1	A (2ft)
	2	C (4ft)

Example :



Order Information

Model No.	No. Of Lamp	L(mm)	W(mm)	H(mm)
SD 1A 120	1	630	66	92
SD 2A 240	2	635	120	102
SD 1C 140	1	1238	66	92
SD 2C 240	2	1244	120	102

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions

