



IEC 60598-1
IEC 60598-2-1
PS008202



SONIC LED

Surface Mounted Sym Radius Series

Features

Designed for direct surface mounted, single parabolic with mirror optic louvre and christmas cross blades. An attractive appearances is enhanced with its rounded edge body surround.

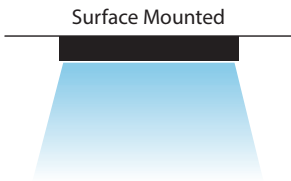
Applications

Ideal for use in modern interiors such as hotels, schools, government building, shopping complexes, offices, hospitals, and etc.

Optional Features / Accessories

1-10V Dimming Control

Mounting

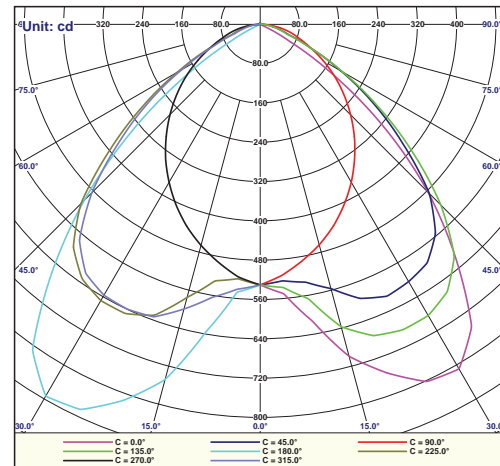


TM5 Utilisation Factor Table

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	0.59	0.70	0.78	0.83	0.90	0.95	0.98	1.02	1.05	
0.70	0.30	0.20	0.52	0.63	0.71	0.77	0.85	0.90	0.94	0.99	1.02	
0.70	0.10	0.20	0.46	0.58	0.66	0.72	0.80	0.86	0.90	0.96	0.99	
0.50	0.50	0.20	0.58	0.68	0.75	0.80	0.87	0.92	0.95	0.98	1.01	
0.50	0.30	0.20	0.51	0.62	0.69	0.75	0.83	0.87	0.91	0.95	0.98	
0.50	0.10	0.20	0.46	0.57	0.65	0.71	0.79	0.84	0.88	0.93	0.96	
0.30	0.50	0.20	0.56	0.66	0.73	0.78	0.84	0.88	0.91	0.95	0.97	
0.30	0.30	0.20	0.50	0.61	0.68	0.73	0.80	0.85	0.88	0.92	0.95	
0.30	0.10	0.20	0.46	0.56	0.64	0.70	0.77	0.82	0.86	0.90	0.93	
0.00	0.00	0.00	0.43	0.54	0.61	0.67	0.74	0.78	0.82	0.86	0.88	
Distribution Factors			Floor:	0.43	0.54	0.61	0.67	0.74	0.78	0.82	0.86	0.88
			Wall:	0.56	0.46	0.38	0.33	0.26	0.21	0.18	0.14	0.11
			Ceiling:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BZ Numbers:			4	4	4	4	3	3	3	3	3	

SHR Nominal = 0.75:1 SHR Maximum = 0.97:1

Lighting Data



Luminous intensity values are shown radially from centre.
Elevation angle values are shown around the outside of the graph.
Report Number: (2024EB0272)



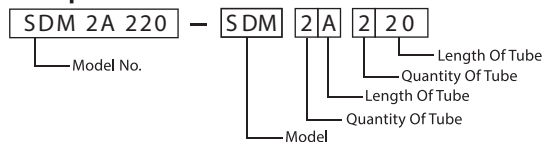
Specifications

Model	SDM 2A 220 (1X2)	SDM 1C 140 (1X4)	SDM 2C 240 (1X4)
Nominal Power	16W	14W	28W
Nominal System Lumen Output	1730 lm	1585 lm	3312 lm
Nominal System Efficacy	108 lm/W	115 lm/W	120 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
SDM	1	A (2ft)
	2	C (4ft)

Example :



Order Information

Model No.	No. Of Lamp	L(mm)	W(mm)	H(mm)
SDM 2A 220 (1X2)	2	680	295	65
SDM 1C 140 (1X4)	1	1293	190	65
SDM 2C 240 (1X4)	2	1293	295	65

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions

