



MS IEC 60598-2-2
MS IEC 60598-1
PS008206



AURORAS LED

SAC Wood/Plaster Ceiling Mounted - Hinged Diffused Series (HD)

Features

Designed for wood ceiling mounting. Diffuser designed in normal hinged type for easy maintenance. Provided even light distribution glare control and maximum light transmission. Optional convert to IP rating type with gasket to prevent the build-up of dust and dirt.

Applications

Ideal for technical workshop, laboratories, office and supermarkets.

Optional Features / Accessories

1-10V Dimming Control

Mounting

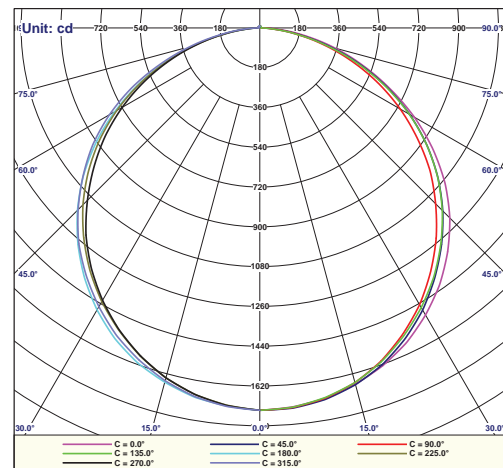


TM5 Utilisation Factor Table

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	0.56	0.67	0.74	0.79	0.87	0.92	0.95	1.00	1.03
0.70	0.30	0.20	0.48	0.59	0.67	0.72	0.81	0.86	0.90	0.96	1.00
0.70	0.10	0.20	0.43	0.53	0.61	0.67	0.76	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.55	0.64	0.72	0.77	0.84	0.88	0.92	0.96	0.99
0.50	0.30	0.20	0.47	0.58	0.65	0.71	0.78	0.84	0.87	0.93	0.96
0.50	0.10	0.20	0.42	0.52	0.60	0.66	0.74	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.53	0.63	0.69	0.74	0.81	0.85	0.88	0.92	0.95
0.30	0.30	0.20	0.47	0.57	0.64	0.69	0.76	0.81	0.85	0.89	0.92
0.30	0.10	0.20	0.42	0.52	0.59	0.65	0.72	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.40	0.49	0.56	0.61	0.69	0.74	0.77	0.82	0.85
Distribution Factors	Floor:		0.40	0.49	0.56	0.61	0.69	0.74	0.77	0.82	0.85
	Wall:		0.60	0.50	0.43	0.38	0.30	0.25	0.22	0.17	0.14
	Ceiling:		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BZ Numbers:			5	5	5	5	5	5	4	4	4

SHR Nominal = 1.25:1 SHR Maximum = 1.49:1

Lighting Data



Luminous intensity values are shown radially from centre.
Elevation angle values are shown around the outside of the graph.
Report Number: (2024EB0296)



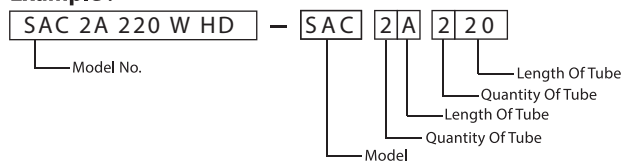
Specifications

Model	SAC 2A 220/W (HD)	SAC 3A 320/W (HD)	SAC 2C 240/W (HD) (1X4)	SAC 2C 240/W (HD)	SAC 3C 340/W (HD)
Nominal Power	16W	24W	28W	28W	42W
Nominal System Lumen Output	1560 lm	2340 lm	2872 lm	3343 lm	4967 lm
Nominal System Efficacy	96 lm/W	96 lm/W	103 lm/W	117 lm/W	117 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
SAC	1	A (2ft)
	2	C (4ft)
	3	
	4	

Example :



Order Information

Model No.	No. Of Lamp	L(mm)	L1(mm)	W(mm)	W1(mm)	H(mm)
SAC 2A 220/W (HD)	2	636	610	620	571	90
SAC 3A 320/W (HD)	3	636	610	620	571	90
SAC 2C 240/W (HD) (1X4)	2	1246	1215	329	280	90
SAC 2C 240/W (HD)	2	1246	1215	620	571	90
SAC 3C 340/W (HD)	3	1246	1215	620	571	90

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions

