



AURORAS LED

SAC Wood/Plaster Ceiling Mounted -
Clean Room Fitting Series (IP54)

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 IP54 rating type with gasket to prevent the build-up of dust and dirt.

Applications

Ideal for used for technical workshop, laboratories, office and supermarkets.

Control

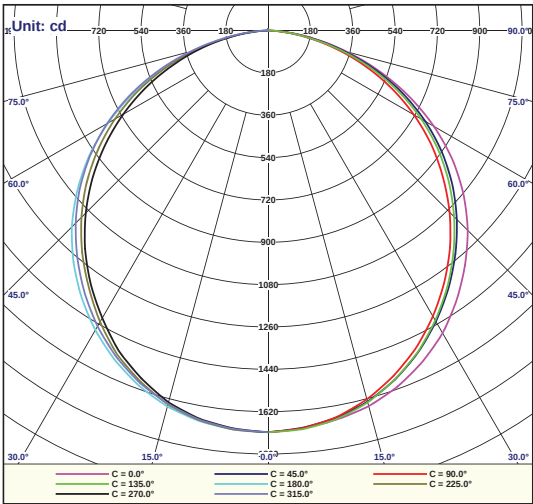
Dimming Fixed Output



Mounting



Lighting Data



Luminous intensity values are shown radially from centre.
Elevation angle values are shown around the outside of the graph.
Report Number: (2024EB0198)

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	0.75	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.54	0.64	0.71	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	0.88	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	0.62	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	0.90	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	0.78	0.82	0.85
Distribution Factors	Floor:		0.40	0.49	0.56	0.61	0.69	0.74	0.78	0.82	0.85
	Wall:		0.60	0.50	0.43	0.38	0.31	0.26	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	5	4	4

SHR Nominal = 1.25:1 SHR Maximum = 1.48:1

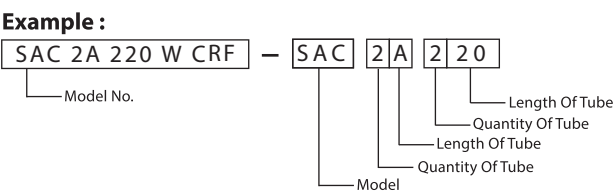


Specifications

Model	SAC 2A 220/W CRF (1X2)(IP54)	SAC 2A 220/W CRF (IP54)	SAC 3A 320/W CRF (IP54)
Nominal System Lumen Output	1362 lm	1643 lm	2393 lm
Nominal System Efficacy	86 lm/W	100 lm/W	98 lm/W
Model	SAC 2C 240/W CRF (1X4) (IP54)	SAC 2C 240/W CRF (IP54)	SAC 3C 340/W CRF (IP54)
Nominal System Lumen Output	2675 lm	3331 lm	4904 lm
Nominal System Efficacy	96 lm/W	119 lm/W	117 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	>0.9		
Total Harmonic Distortion	≤20%		
Insulation Class	Class I		
Housing Material	Cold Roll Steel		
Ingress Protection	IP54		

Order Reference

Model	Quantity Of Tube	Length Of Tube
SAC	1	A (2ft)
	2	C (4ft)
	3	



Order Information

Model No.	No. Of Lamp	Nominal Power(W)	L(mm)	W(mm)	H(mm)
SAC 2A 220/W CRF (1X2)(IP54)	2	16	628	321	90
SAC 2A 220/W CRF (IP54)	2	16	628	612	90
SAC 3A 320/W CRF (IP54)	3	24	628	612	90
SAC 2C 240/W CRF (1X4) (IP54)	2	28	1256	334	90
SAC 2C 240/W CRF (IP54)	2	28	1256	629	90
SAC 3C 340/W CRF (IP54)	3	42	1256	629	90

Note : Subject to +/- 1.5mm

*Other various types are available upon request.

Dimensions

