



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



# 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. IP54 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

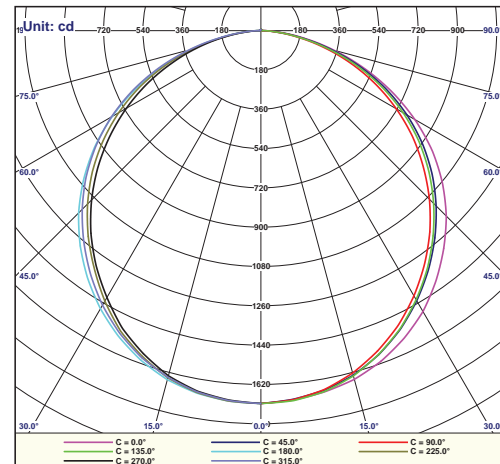


## TM5 Utilisation Factor Table

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	0.75	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

## Lighting Data



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



## Specifications

Model	SAC 2A 220/W CRF (1X2) (IP54)	SAC 2A 220/W CRF (IP54)	SAC 3A 320/W CRF (IP54)
Nominal Power	16W	16W	24W
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 Power	28W	28W	42W
Nominal System Lumen Output	2675 lm	3331 lm	4904 lm
Nominal System Efficacy	96 lm/W	119 lm/W	117 lm/W

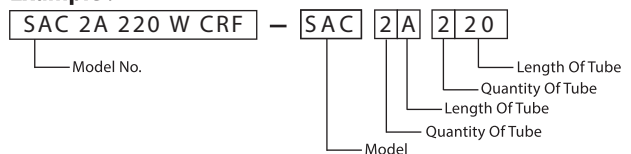
  

Light Source	SJ Lite T8 LED Tube (HE)		
Colour Temperature (CCT)	3000K/4000K/6500K		
Input Voltage	240V~50Hz		
Colour Rendering Index (CRI)	>80		
Luminaire Rated Life	50,000hrs (L70B50)		
Operating Temperature	-20°C ~ +45°C		
Power Factor	>0.9PF		
Total Harmonic Distortion	≤20%		
Insulation Class	Class I		
Housing Material	Cold Roll Steel		
Ingress Protection	IP54		

## 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 CRF (1X2) (IP54)	2	628	612	321	302	90
SAC 2A 220/W CRF (IP54)	2	640	628	624	605	90
SAC 3A 320/W CRF (IP54)	3	640	628	624	605	90
SAC 2C 240/W CRF (1X4) (IP54)	2	1254	1222	334	300	90
SAC 2C 240/W CRF (IP54)	2	1256	1222	629	598	90
SAC 3C 340/W CRF (IP54)	3	1256	1222	629	598	90

Note : Subject to +/- 1.5mm

\*Other various types are available upon request.

## Dimensions

