



MS IEC 60598-1  
MS IEC 60598-2-1  
PS008202



# AURORAS LED

SAC Surface Mounted - Clean Room Fitting Series (IP54)

## Features

Designed for direct mounting ceiling. 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.

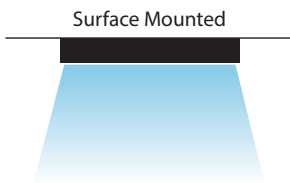
## Applications

Ideal for technical workshop, laboratories, office and supermarkets.

## Optional Features / Accessories

1-10V Dimming Control

## Mounting

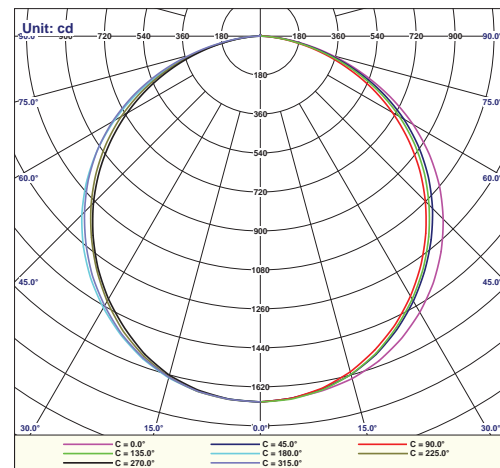


## TM5 Utilisation Factor Table

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	0.72	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	0.88	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	0.63	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	0.90	0.93	
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	0.62	0.69	0.74	0.78	0.82	0.86	
Distribution Factors			Floor:	0.40	0.49	0.56	0.62	0.69	0.74	0.78	0.82	0.86
			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: (2024EB0208)



## Specifications

Model	SAC 2A 220/S CRF (1X2)(IP54)	SAC 2A 220/S CRF (IP54)	SAC 3A 320/S CRF (IP54)	SAC 4A 420/S CRF (IP54)
Nominal Power	16W	16W	24W	32W
Nominal System Lumen Output	1631 lm	1631 lm	2377 lm	4400 lm
Nominal System Efficacy	100 lm/W	100 lm/W	98 lm/W	138 lm/W

Model	SAC 2C 240/S CRF (1X4)(IP54)	SAC 2C 240/S CRF (IP54)	SAC 3C 340/S CRF (IP54)	SAC 4C 440/S CRF (IP54)
Nominal Power	28W	28W	42W	56W
Nominal System Lumen Output	2622 lm	3310 lm	4854 lm	8400 lm
Nominal System Efficacy	94 lm/W	119 lm/W	117 lm/W	150 lm/W

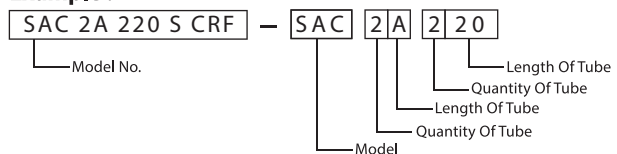
  

Light Source	SJ Lite T8 LED Tube (HE)			
Colour Temperature (CCT)	3000K/4000K/6500K			
Input Voltage	240V~50Hz			
Colour Rendering Index (CRI)	>80			
Luminaire Rated Life	50,000hrs (L70B50)			
Operating Temperature	-20°C ~ +45°C			
Power Factor	>0.9PF			
Total Harmonic Distortion	≤20%			
Insulation Class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



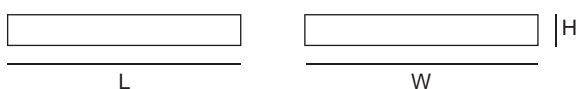
## Order Information

Model No.	No. Of Lamp	L(mm)	W(mm)	H(mm)
SAC 2A 220/S CRF (1X2)(IP54)	2	612	302	90
SAC 2A 220/S CRF (IP54)	2	612	598	90
SAC 3A 320/S CRF (IP54)	3	612	598	90
SAC 4A 420/S CRF (IP54)	4	612	598	90
SAC 2C 240/S CRF (1X4) (IP54)	2	1222	302	90
SAC 2C 240/S CRF (IP54)	2	1222	600	90
SAC 3C 340/S CRF (IP54)	3	1222	600	90
SAC 4C 440/S CRF (IP54)	4	1222	612	90

Note : Subject to +/- 1.5mm

\*Other various types are available upon request.

## Dimensions



\*All LED component are subject to the LED component manufacturers warranty terms and condition.