

Technical Specification

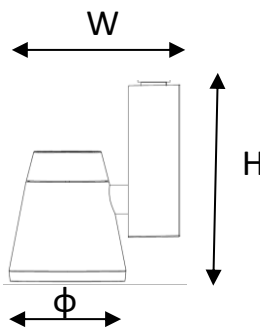
SM25

Product Name:	SM25
Category:	Surface Mount Light
Description:	Surface Mount light with 1 x 25W Bridgelux Chip on Board LED



Features:	Available in Natural White, Warm White and Speciality CCTs	Applications:	Retail
	Luminaire available in White or Black		Shops
	CRI 90, Ultra-high CRI, Class A, Bread, Meat, Health available		Restaurants
	Dimmable option available		Architectural
	1 x Bridgelux COB LED		(Indoor use only)
	Power factor > 0.9		
	Power Consumption = 22.8W		
	3078 Lumen Output (Natural White)		
	Beam Angle of 15°, 30° or 45°		
	L70>50,000 hrs at Ta = 25° Celsius		
	Min Efficacy of 127 lm/W – Warm White		
	Min Efficacy of 135 lm/W – Natural White		
IES Files available on request			

Dimensions



Product Code	Height (mm)	Width (mm)	Diameter (mm)
SM25	210	217	115

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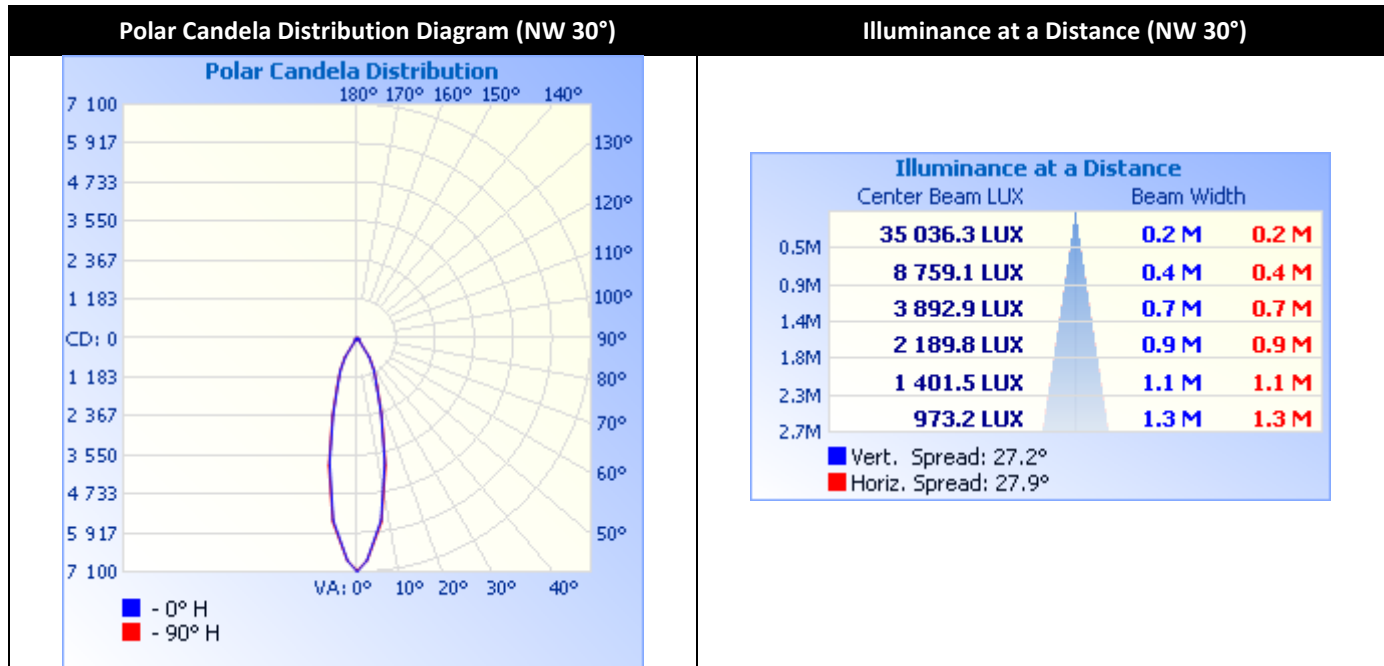
Electrical Characteristics		
Parameter	Value	Unit
Operating Voltage/Frequency	220-240/50-60	V DC/Hz
LED Drive Current	700	mA
Power	22.8	W
Power Factor	>0.9	-
Driver Efficiency	>85	%

Optical Characteristics						
Product Code	LED Colour	Colour Temp (K)	Luminaire Intensity (lm) *	Angle (°)	Min CRI	Fitting Colour
SM25	27	2700	2420	15,30,45	80	Wt,Bk
SM25	2790	2700	1884	15,30,45	90	Wt,Bk
SM25	D27	2700	1374	15,30,45	97	Wt,Bk
SM25	WW	3000	2904	15,30,45	80	Wt,Bk
SM25	WW90	3000	2469	15,30,45	90	Wt,Bk
SM25	D30	3000	1502	15,30,45	97	Wt,Bk
SM25	WWA	3000 (Class A)	1688	15,30,45	93	Wt,Bk
SM25	35	3500	2506	15,30,45	80	Wt,Bk
SM25	3590	3500	2138	15,30,45	90	Wt,Bk
SM25	35A	3500 (Class A)	1846	15,30,45	93	Wt,Bk
SM25	NW	4000	3078	15,30,45	80	Wt,Bk
SM25	NW90	4000	2617	15,30,45	90	Wt,Bk
SM25	NWA	4000 (Class A)	2008	15,30,45	93	Wt,Bk
SM25	5070	5000	2627	15,30,45	70	Wt,Bk
SM25	50	5000	2500	15,30,45	80	Wt,Bk
SM25	5090	5000	2272	15,30,45	90	Wt,Bk
SM25	Mt	1750	1315	15,30,45	80	Wt,Bk
SM25	Br	2500	2128	15,30,45	80	Wt,Bk
SM25	He	5600	2236	15,30,45	90	Wt,Bk

* Values accurate to within 10%

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Product Ordering Code

Example: *SM25-NW-30-AL-N*

SM25	NW	30	Wt	N	
Product Code	4000K Natural White LED	Beam Angle	White Fitting Colour	Non-Dimmable	

Document Info

SM25 Rev 1