

Technical Specification

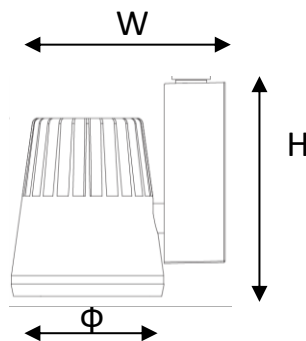
SM45

Product Name:	SM45
Category:	Surface Mount Light
Description:	Surface mount light with 1 x 45W 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 = 45.7W		
	5711 Lumen Output (Natural White)		
	Beam Angle of 15°, 30° or 45°		
	L70>50,000 hrs at Ta = 25° Celsius		
	Min Efficacy of 117 lm/W – Warm White		
	Min Efficacy of 124 lm/W – Natural White		
	IES Files available on request		

Dimensions



Product Code	Height (mm)	Width (mm)	Diameter (mm)
SM45	205	180	128

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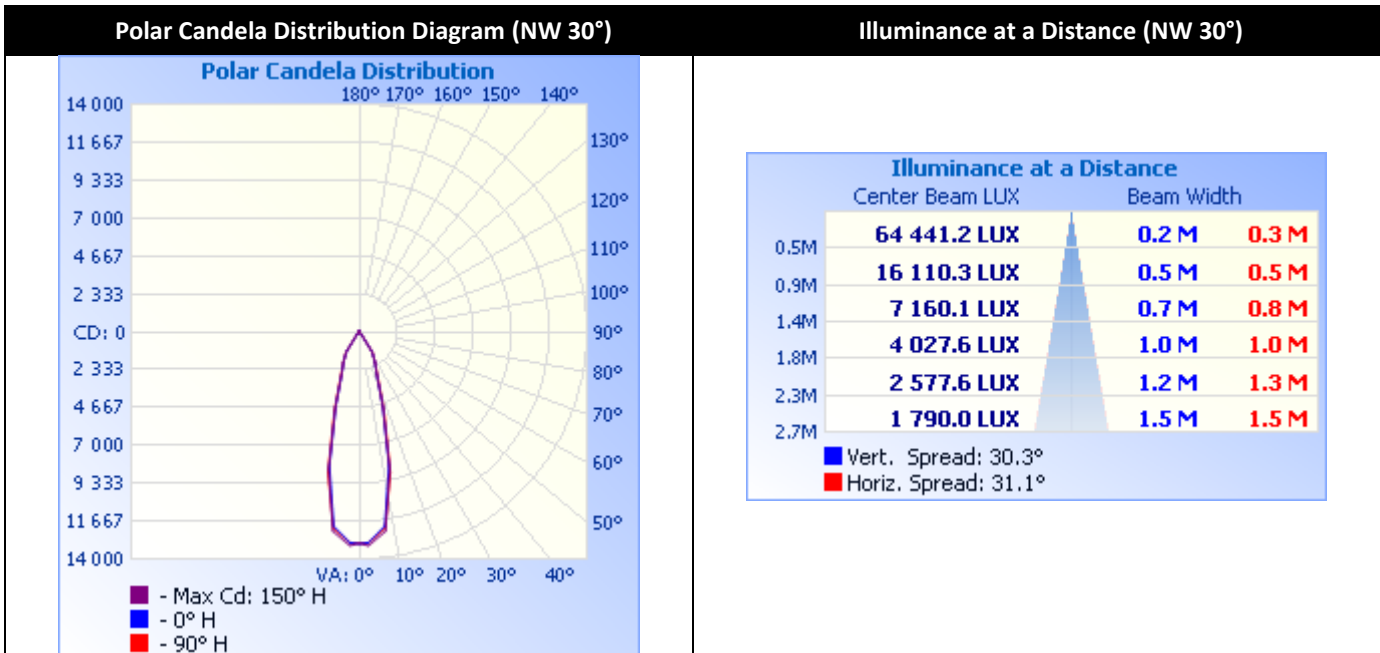
Electrical Characteristics		
Parameter	Value	Unit
Operating Voltage/Frequency	220-240/50-60	V DC/Hz
LED Drive Current	1400	mA
Power	45.7	W
Power Factor	>0.9	-
Driver Efficiency	>85	%

Optical Characteristics						
Product Code	LED Colour	Colour Temp (K)	Luminaire Intensity (lm) *	Angle (°)	Min CRI	Fitting Colour
SM45	27	2700	4331	15,30,45	80	Wt,Bk
SM45	2790	2700	3495	15,30,45	90	Wt,Bk
SM45	D27	2700	2599	15,30,45	97	Wt,Bk
SM45	WW	3000	5388	15,30,45	80	Wt,Bk
SM45	WW90	3000	4580	15,30,45	90	Wt,Bk
SM45	D30	3000	2841	15,30,45	97	Wt,Bk
SM45	WWA	3000 (Class A)	3138	15,30,45	93	Wt,Bk
SM45	35	3500	4650	15,30,45	80	Wt,Bk
SM45	3590	3500	3966	15,30,45	90	Wt,Bk
SM45	35A	3500 (Class A)	3431	15,30,45	93	Wt,Bk
SM45	NW	4000	5711	15,30,45	80	Wt,Bk
SM45	NW90	4000	4855	15,30,45	90	Wt,Bk
SM45	NWA	4000 (Class A)	3733	15,30,45	93	Wt,Bk
SM45	5070	5000	4874	15,30,45	70	Wt,Bk
SM45	50	5000	4639	15,30,45	80	Wt,Bk
SM45	5090	5000	4216	15,30,45	90	Wt,Bk
SM45	Mt	1750	2487	15,30,45	80	Wt,Bk
SM45	Br	2500	4025	15,30,45	80	Wt,Bk
SM45	He	5600	4230	15,30,45	90	Wt,Bk

* Values accurate to within 10%

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Product Ordering Code

Example: *SM45-NW-30-AL-N*

<i>SM45</i>	<i>NW</i>	<i>30</i>	<i>Wt</i>	<i>N</i>	
Product Code	4000K Natural White LED	Beam Angle	White Fitting Colour	Non-Dimmable	

Document Info

SM45 Rev 1