

## Technical Specification

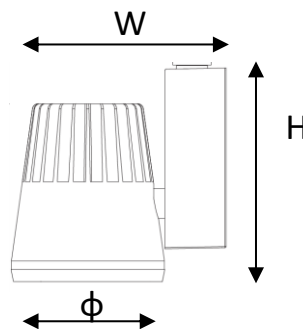
## SM60

<b>Product Name:</b>	SM60
<b>Category:</b>	Surface Mount Light
<b>Description:</b>	Surface mount light with 1 x 60W Bridgelux Chip on Board LED



<b>Features:</b>	Available in Natural White, Warm White and Speciality CCTs	<b>Applications:</b>	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 = 59.1W		
	6878 Lumen Output (Natural White)		
	Beam Angle of 15°, 30° or 45°		
	L70>50,000 hrs at Ta = 25° Celsius		
	Min Efficacy of 109 lm/W – Warm White		
	Min Efficacy of 116 lm/W – Natural White		
	IES Files available on request		

### Dimensions



Product Code	Height (mm)	Width (mm)	Diameter (mm)
SM60	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	1750	mA
Power	59.1	W
Power Factor	>0.9	-
Driver Efficiency	>85	%

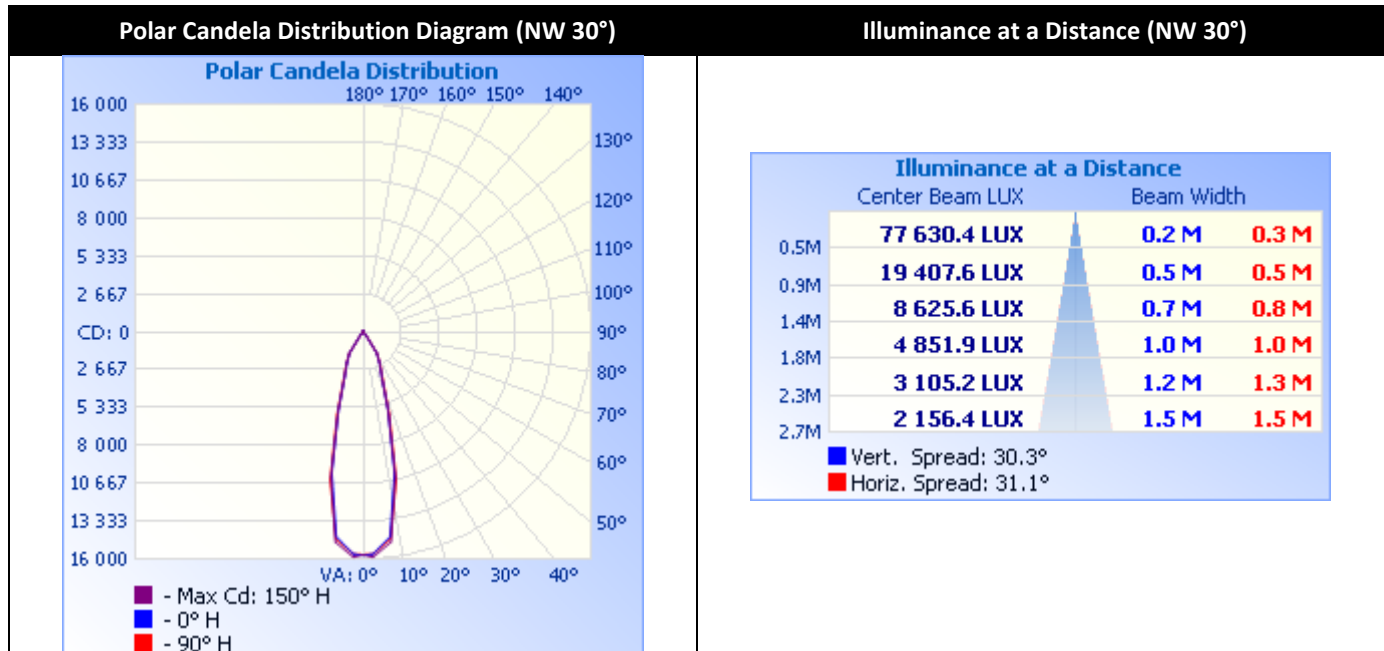
### Optical Characteristics

Product Code	LED Colour	Colour Temp (K)	Luminaire Intensity (lm) *	Angle (°)	Min CRI	Fitting Colour
SM60	27	2700	5216	15,30,45	80	Wt,Bk
SM60	2790	2700	4210	15,30,45	90	Wt,Bk
SM60	D27	2700	3130	15,30,45	97	Wt,Bk
SM60	WW	3000	6489	15,30,45	80	Wt,Bk
SM60	WW90	3000	5516	15,30,45	90	Wt,Bk
SM60	D30	3000	3421	15,30,45	97	Wt,Bk
SM60	WWA	3000 (Class A)	3779	15,30,45	93	Wt,Bk
SM60	35	3500	5600	15,30,45	80	Wt,Bk
SM60	3590	3500	4776	15,30,45	90	Wt,Bk
SM60	35A	3500 (Class A)	4133	15,30,45	93	Wt,Bk
SM60	NW	4000	6878	15,30,45	80	Wt,Bk
SM60	NW90	4000	5846	15,30,45	90	Wt,Bk
SM60	NWA	4000 (Class A)	4495	15,30,45	93	Wt,Bk
SM60	5070	5000	5870	15,30,45	70	Wt,Bk
SM60	50	5000	5587	15,30,45	80	Wt,Bk
SM60	5090	5000	5077	15,30,45	90	Wt,Bk
SM60	Mt	1750	2996	15,30,45	80	Wt,Bk
SM60	Br	2500	4848	15,30,45	80	Wt,Bk
SM60	He	5600	5095	15,30,45	90	Wt,Bk

\* Values accurate to within 10%

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### Product Ordering Code

Example: *SM60-NW-30-AL-N*

<i>SM60</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

SM60 Rev 1