

## Technical Specification

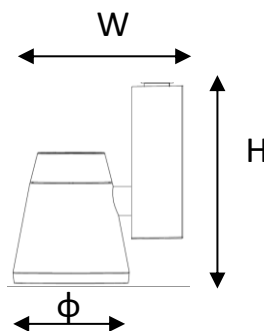
## SM35

<b>Product Name:</b>	SM35
<b>Category:</b>	Surface Mount Light
<b>Description:</b>	Surface mount light with 1 x 35W 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 = 34.8W		
	4387 Lumen Output (Natural White)		
	Beam Angle of 15°, 30° or 45°		
	L70>50,000 hrs at Ta = 25° Celsius		
	Min Efficacy of 118 lm/W – Warm White		
	Min Efficacy of 126 lm/W – Natural White		
IES Files available on request			

### Dimensions



Product Code	Height (mm)	Width (mm)	Diameter (mm)
SM35	210	217	115

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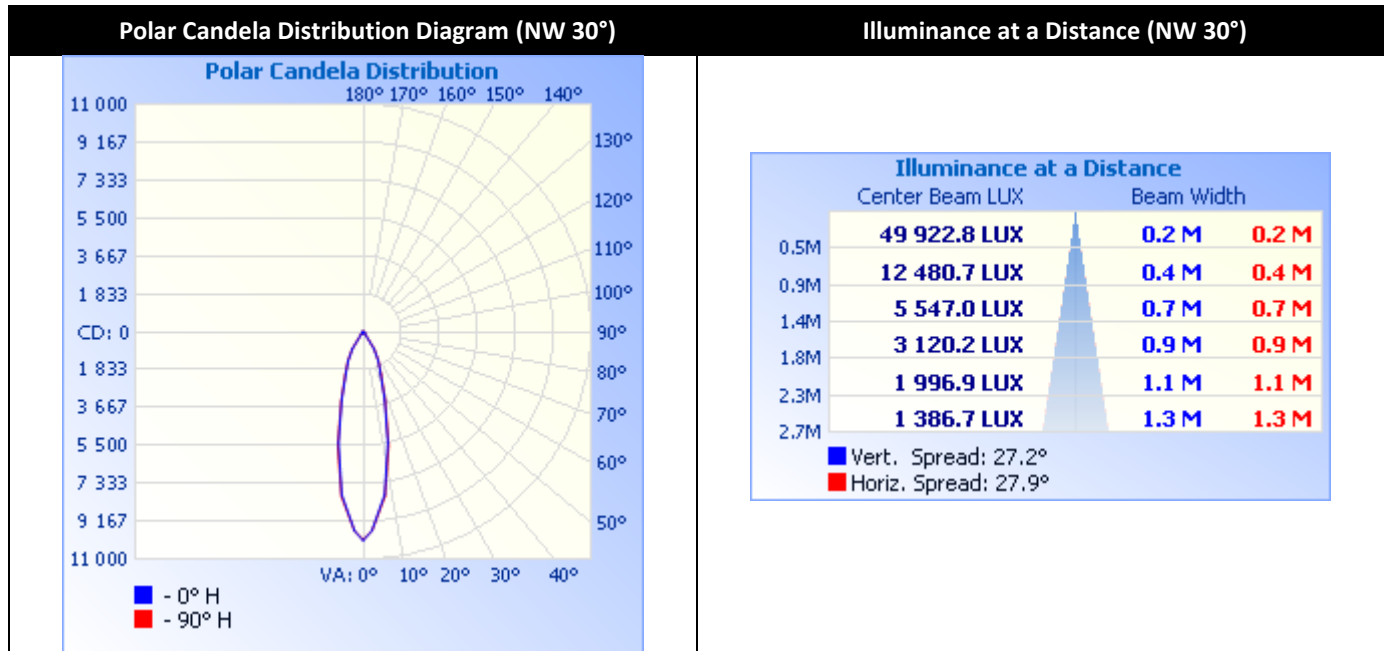
Electrical Characteristics		
Parameter	Value	Unit
Operating Voltage/Frequency	220-240/50-60	V DC/Hz
LED Drive Current	1050	mA
Power	34.8	W
Power Factor	>0.9	-
Driver Efficiency	>85	%

Optical Characteristics						
Product Code	LED Colour	Colour Temp (K)	Luminaire Intensity (lm) *	Angle (°)	Min CRI	Fitting Colour
SM35	27	2700	3327	15,30,45	80	Wt,Bk
SM35	2790	2700	2685	15,30,45	90	Wt,Bk
SM35	D27	2700	1983	15,30,45	97	Wt,Bk
SM35	WW	3000	4139	15,30,45	80	Wt,Bk
SM35	WW90	3000	3518	15,30,45	90	Wt,Bk
SM35	D30	3000	2167	15,30,45	97	Wt,Bk
SM35	WWA	3000 (Class A)	2409	15,30,45	93	Wt,Bk
SM35	35	3500	3571	15,30,45	80	Wt,Bk
SM35	3590	3500	3047	15,30,45	90	Wt,Bk
SM35	35A	3500 (Class A)	2634	15,30,45	93	Wt,Bk
SM35	NW	4000	4387	15,30,45	80	Wt,Bk
SM35	NW90	4000	3729	15,30,45	90	Wt,Bk
SM35	NWA	4000 (Class A)	2866	15,30,45	93	Wt,Bk
SM35	5070	5000	3744	15,30,45	70	Wt,Bk
SM35	50	5000	3564	15,30,45	80	Wt,Bk
SM35	5090	5000	3239	15,30,45	90	Wt,Bk
SM35	Mt	1750	1769	15,30,45	80	Wt,Bk
SM35	Br	2500	2761	15,30,45	80	Wt,Bk
SM35	He	5600	2840	15,30,45	90	Wt,Bk

\* Values accurate to within 10%

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### Product Ordering Code

Example: *SM35-NW-30-AL-N*

<i>SM35</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

SM35 Rev 1