

## ASTRA Surface 90 LED 85W 4000K Black Frost Ø830mm

### DESCRIPTION

- Luminaire with direct luminous flux distribution, frost opal polycarbonate diffuser and aluminium body e ral 9005 matt black finish.



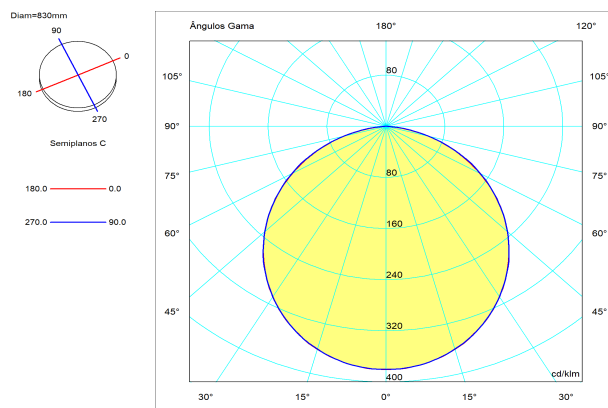
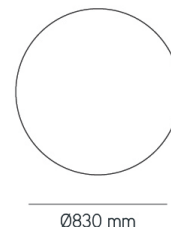
IP40

### MAIN FEATURES

Volume (dm3)	18.0
Weight (Kg)	18.0
Glow-wire Resistance	850°C
Input	220-240V~/50-60Hz
Control	ON/OFF Power Supply

### TECHNICAL FEATURES

Luminous Flux Maintenance	L90
MAX Power (W)	85
Maximum Value (cd/Klm)	381
% LOR	100
Total Flux (lm)	11138
System Power (W)	94
Flux/Power (lm/W)	131
Color Temperature	4000K
Color Rendering Index (CRI)	>80
MacAdam Ellipse	3
LED Degradation/Mortality	F10
LED Efficiency	182 lm/W @Tc=45°C



### STANDARDS

DIRECTIVE 2011/65/EU of 8 June 2011 + COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015 RoHS2  
DIRECTIVE 2014/30/EU of 26 February 2014  
EN 50581:2012 | EN 55015:2006+A1:2007+A2:2009 | EN 60335-1:2012 | EN 60598-1: 2014 | EN 60598-2-1: 1990 | EN 60598-2-13: 2006 | EN 60598-2-2: 2014 | EN 60598-2-22: 2014 | EN 60598-2-25: 2009 | EN 60598-2-4: 2017 | EN 61000-4-2:2009;EN 61000-4-3:2006 + A1:2008;EN 61000-4-4:2004;EN 61000-4-5:2006;EN 61000-4-6:2009 | EN 61547:2009  
LOW VOLTAGE DIRECTIVE 2014/35/EU of 26 February 2014

