

## ASTRA Surface 90 LED 96W 3000K Black Opal Ø1110mm

### DESCRIPTION

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



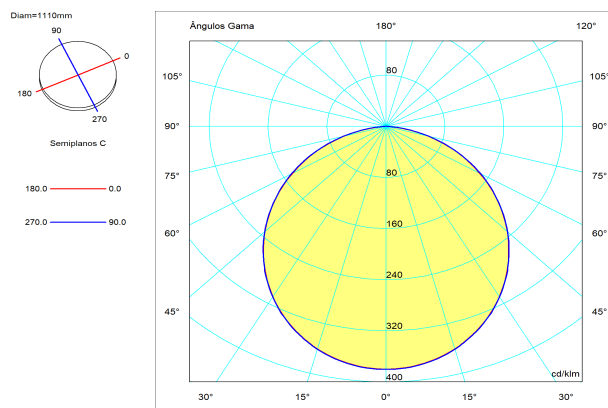
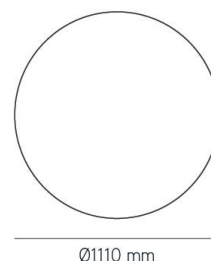
IP40

### MAIN FEATURES

|                      |                     |
|----------------------|---------------------|
| Volume (dm3)         | 34.0                |
| Weight (Kg)          | 34.0                |
| Glow-wire Resistance | 850°C               |
| Input                | 220-240V~/50-60Hz   |
| Control              | ON/OFF Power Supply |

### TECHNICAL FEATURES

|                             |                   |
|-----------------------------|-------------------|
| Luminous Flux Maintenance   | L90               |
| MAX Power (W)               | 96                |
| Maximum Value (cd/Klm)      | 380               |
| % LOR                       | 100               |
| Total Flux (lm)             | 12808             |
| System Power (W)            | 107               |
| Flux/Power (lm/W)           | 133               |
| Color Temperature           | 3000K             |
| LED Efficiency              | 178 lm/W @Tc=45°C |
| Color Rendering Index (CRI) | >80               |
| MacAdam Ellipse             | 3                 |
| LED Degradation/Mortality   | F10               |



### 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

