

## ASTRA Surface 150 LED 142W 4000K Black Frost Ø1000mm

### DESCRIPTION

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



IP40

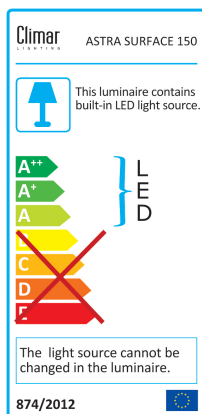
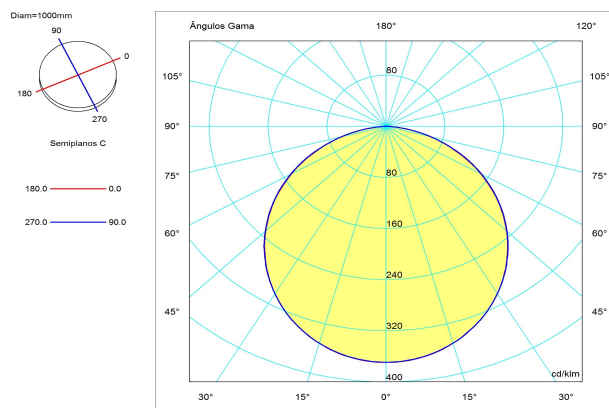
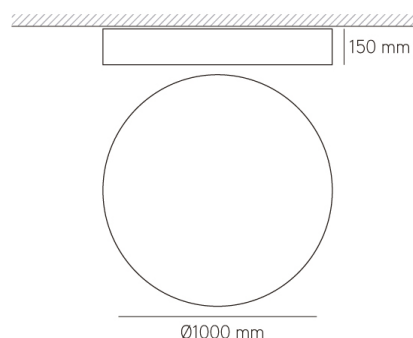


### MAIN FEATURES

|                      |                     |
|----------------------|---------------------|
| Volume (dm3)         | 24.0                |
| Weight (Kg)          | 24.0                |
| Glow-wire Resistance | 850°C               |
| Input                | 220-240V~/50-60Hz   |
| Control              | ON/OFF Power Supply |

### TECHNICAL FEATURES

|                             |                    |
|-----------------------------|--------------------|
| Luminous Flux Maintenance   | L80                |
| MAX Power (W)               | 142                |
| Maximum Value (cd/Klm)      | 369                |
| % LOR                       | 100                |
| Total Flux (lm)             | 15480              |
| System Power (W)            | 158                |
| Flux/Power (lm/W)           | 109                |
| Color Temperature           | 4000K              |
| Color Rendering Index (CRI) | >80                |
| LED Efficiency              | 154 lm/W @ Tc=65°C |
| 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