

## ASTRA Surface 150 LED 89W 3000K Black Opal Ø800mm

### DESCRIPTION

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



IP40

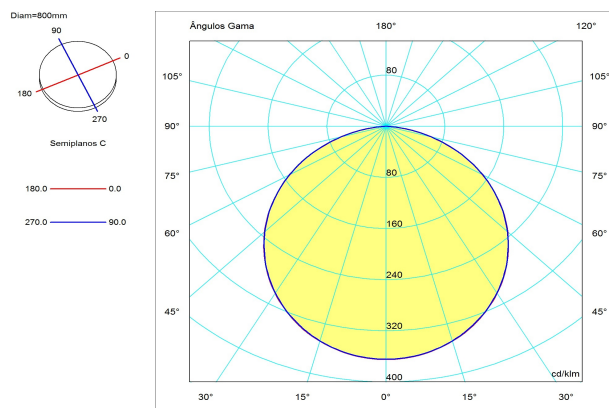
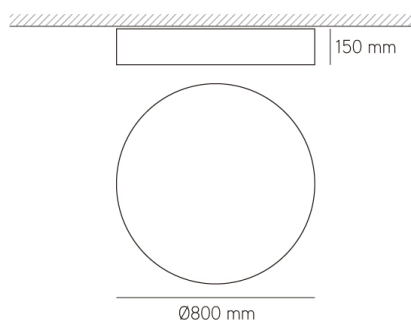


### MAIN FEATURES

Volume (dm3)	16.3
Weight (Kg)	16.3
Glow-wire Resistance	850°C
Input	220-240V~/50-60Hz
Control	ON/OFF Power Supply

### TECHNICAL FEATURES

Luminous Flux Maintenance	L80
MAX Power (W)	89
Maximum Value (cd/Klm)	365
% LOR	100
Total Flux (lm)	9356
System Power (W)	99
Flux/Power (lm/W)	105
Color Temperature	3000K
Color Rendering Index (CRI)	>80
MacAdam Ellipse	3
LED Degradation/Mortality	F10
LED Efficiency	147 lm/W @Tc=65°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

