

## BOYA Up&Down 90 LED 106W 3000K Black Frost Ø1800mm

### DESCRIPTION

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



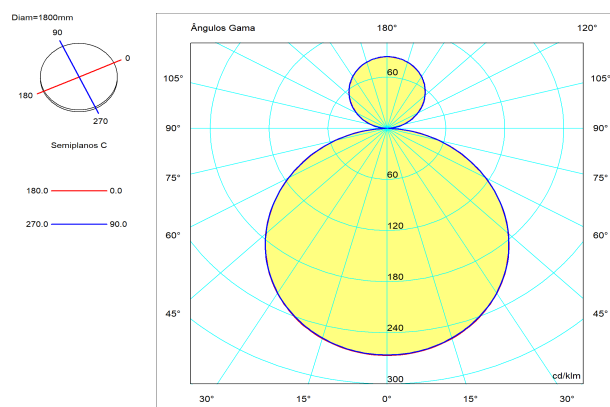
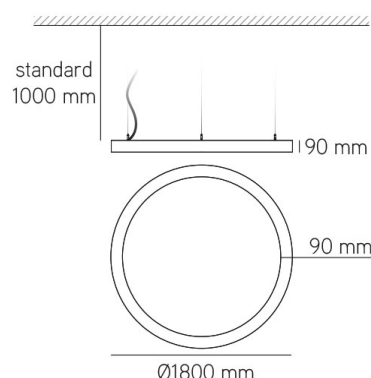
IP40

### MAIN FEATURES

Volume (dm3)	18.0
Weight (Kg)	18.0
Glow-wire Resistance	650
Input	220-240V~/50-60Hz
Control	ON/OFF Power Supply

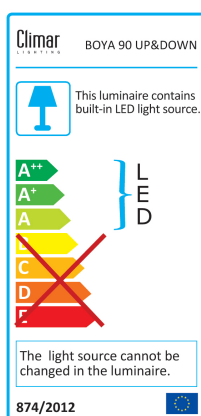
### TECHNICAL FEATURES

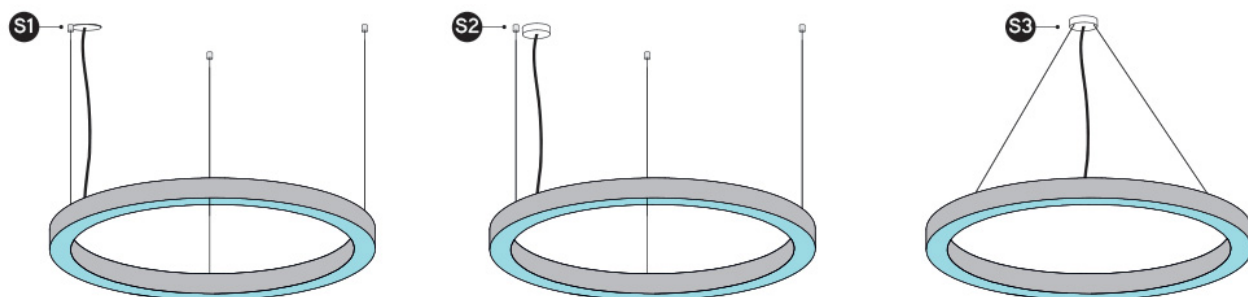
Luminous Flux Maintenance	L80
MAX Power (W)	106
Maximum Value (cd/Klm)	286
% ULOR	31
% DLOR	69
% LOR	100
LED Degradation/Mortality	B10
MacAdam Ellipse	3
Total Flux (lm)	7948
System Power (W)	118
Flux/Power (lm/W)	74
Color Temperature	3000K
LED Efficiency	134 lm/W @Tc=65°C
Color Rendering Index (CRI)	>80



### 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





## COMPONENTS

### SUSPENSION SYSTEM S1

**S1**



S1 - Suspension 3 point (1m) White Ø80x2mm	35.06.40.001634
S1 - Suspension 3 point ( 3m) White Ø80x2mm	35.06.40.002263
S1 - Suspension 3 point ( 5m) White Ø80x2mm	35.06.40.002266

### SUSPENSION SYSTEM S3

**S3**



S3 - Suspension 1 point (1m) + ceiling cup White Ø120x30mm	35.06.40.001636
S3 - Suspension 1 point ( 3m) + ceiling cup White Ø120x30mm	35.06.40.002265
S3 - Suspension 1 point (5m) + ceiling cup White Ø120x30mm	35.06.40.002268

### SUSPENSION SYSTEM S2

**S2**



S2 - Suspension 3 point (1m) + ceiling cup White Ø103x36mm	35.06.40.001635
S2 - Suspension 3 point ( 3m) + ceiling cup White Ø103x36mm	35.06.40.002264
S2 - Suspension 3 point ( 5m) + ceiling cup White Ø103x36mm	35.06.40.002267