

# Climar

2017 . EN

# Astra

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**Astra**



ASTRA Suspended 90 LD/LI LED

# Astra



**Enhancing your visual environment – full family of highly stylized luminaires offering excellent performance while creating a uniquely dramatic effect.**



ASTRA Trimless 90 LD LED, Hotel Tryp Oriente, Portugal

# **Suspended, surface, recessed and wall mounted solutions**





# New shallow depth

The ASTRA family is now completed with a range of shallow 90 mm luminaire offering more flexible room design.

ASTRA Suspended 90 LD LED







ASTRA Suspended 150 LD LED, Hotel 3K Europa, Portugal

# **Maximum efficiency – High quality Zhaga- compatible LED engines**





# Glare control

Micro-prismatic optics for reduced glare, uniform illumination and improved visual comfort.







ASTRA Trimless 90 LD LED, Hotel Tryp Oriente, Portugal

## Personalize your space

Broad range of configuration options – colour, diameter, power, suspension type and tilting angle – ASTRA family provides inspiration for extraordinary ideas.



## Direct and indirect lighting

Simultaneous direct and indirect lighting for suspended solutions. The indirect lighting component provides a soft, warm feel to the room.

ASTRA Suspended 90 LD/LI LED



## Compact design with unique details

Monoblock construction, seamlessly welded outer aluminium profile, no screws, magnetic clamping system, ... exceptional surfaces and finishes!

ASTRA Suspended 90 LD LED, ASTRA Surface 90 LD LED





ASTRA Suspended 150 LD/LI LED, Atlanta LDA, Portugal

## Easy installation

Designed and engineered to allow installation without the need to open the luminaire, minimising installation cost.





ASTRA 90 LED

## Custom lighting

Custom solutions are available to meet your unique application. ASTRA family is available in diameters up to 6 m and in any RAL colour required.

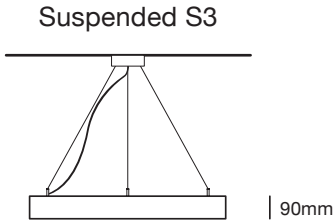
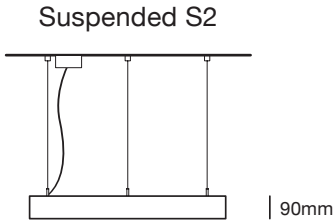
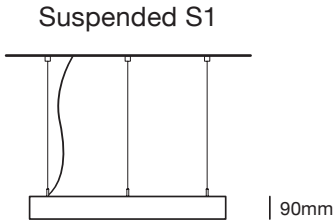


# Astra Suspended 90

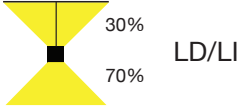
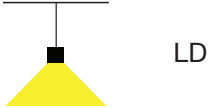
## Model



## Mounting



## Light Distribution





## Diameter / Power

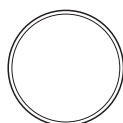
**Ø400 mm**

LD : 16W / 23W  
LD/LI: 28W / 39W



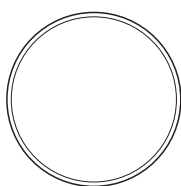
**Ø550 mm**

LD : 27W / 42W  
LD/LI: 43W / 63W



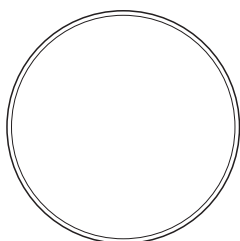
**Ø830 mm**

LD : 53W / 85W  
LD/LI: 77W / 116W

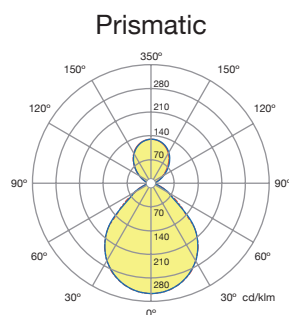
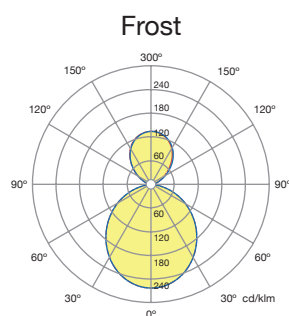
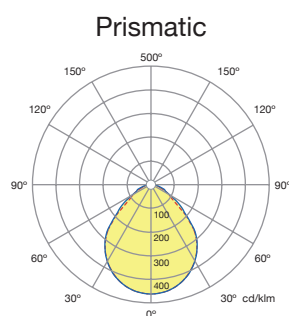
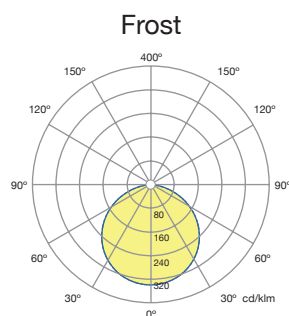


**Ø1110 mm**

LD : 96W / 155W  
LD/LI: 128W / 196W



## Optics



## Features

**LED**

3000 K

4000 K

Tunable White \*

**Control**

On/Off

DALI

**Finishing**

White

Black

Multicolor \*

**General**

Emergency 1h - 3h\*

IP20 - IP44\*

Class I

\*on request

# Astra Surface 90

## Model



## Mounting



## Light Distribution



## Diameter / Power

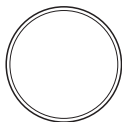
**Ø400 mm**

LD: 16W / 23W



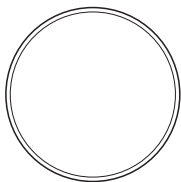
**Ø550 mm**

LD: 27W / 42W



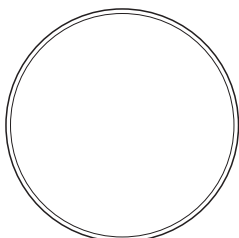
**Ø830 mm**

LD: 53W / 85W

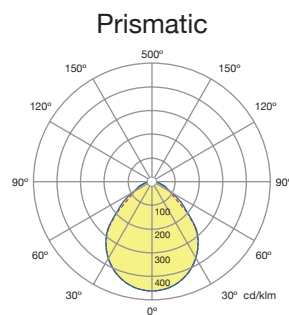
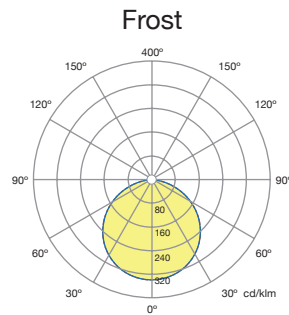


**Ø1110 mm**

LD: 96W / 155W



## Optics



## Features

**LED**

3000 K

4000 K

Tunable White \*

**Control**

On/Off

DALI

**Finishing**

White

Black

Multicolor \*

**General**

Emergency 1h - 3h\*

IP20 - IP44\*

Class I

\*on request

# Astra Trimless 90

## Model



## Mounting



## Light Distribution



## Diameter / Power

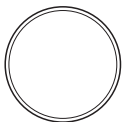
**Ø400 mm**

LD: 16W / 23W



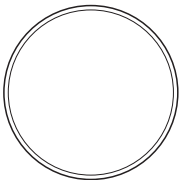
**Ø550 mm**

LD: 27W / 42W



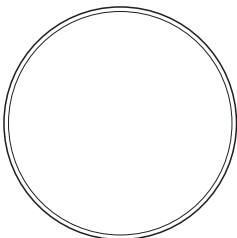
**Ø830 mm**

LD: 53W / 85W

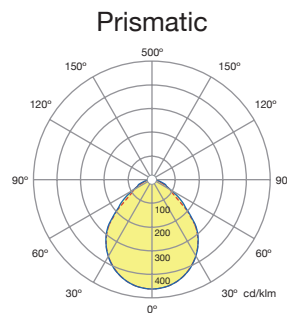
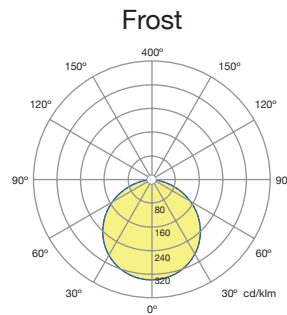


**Ø1110 mm**

LD: 96W / 155W



## Optics



## Features

**LED**

3000 K

4000 K

Tunable White \*

**Control**

On/Off

DALI

**Finishing**

White

Black

Multicolor \*

**General**

Emergency 1h - 3h\*

IP20 - IP44\*

Class I

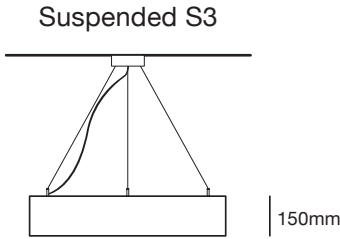
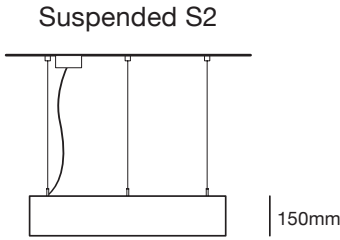
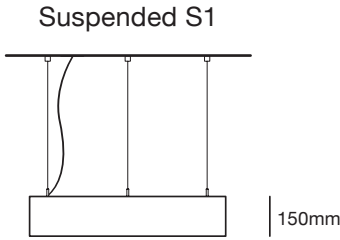
\*on request

# Astra Suspended 150

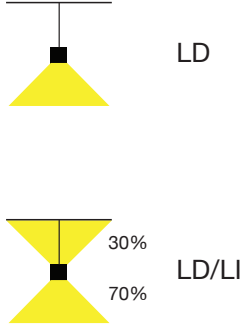
## Model



## Mounting



## Light Distribution





## Diameter / Power

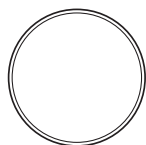
### Ø400 mm

LD : 18W / 29W  
LD/LI: 30W / 45W



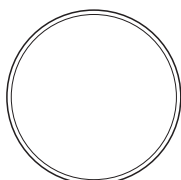
### Ø650 mm

LD : 36W / 53W  
LD/LI: 52W / 74W



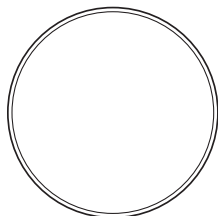
### Ø800 mm

LD : 60W / 89W  
LD/LI: 84W / 120W



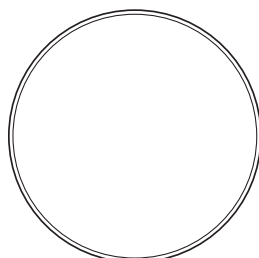
### Ø1000 mm

LD : 96W / 142W  
LD/LI: 128W / 183W

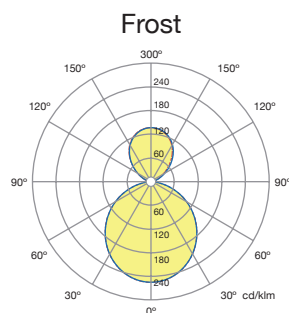
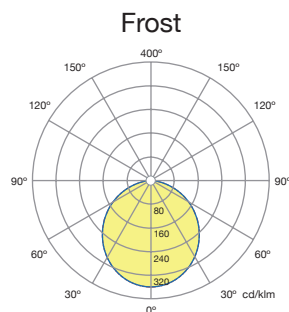


### Ø1200 mm

LD : 144W / 212W  
LD/LI: 184W / 264W



## Optics



## Features

### LED

3000 K

4000 K

Tunable White \*

### Control

On/Off

DALI

### Finishing

White

Black

Multicolor \*

### General

Emergency 1h - 3h\*

IP20 - IP44\*

Class I

\*on request

# Astra Surface 150

## Model



## Mounting



## Light Distribution



## Diameter / Power

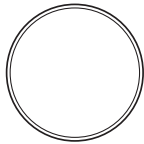
**Ø400 mm**

LD: 18W / 29W



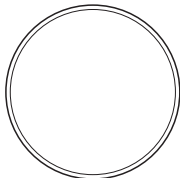
**Ø650 mm**

LD: 36W / 53W



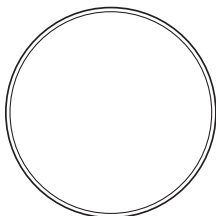
**Ø800 mm**

LD: 60W / 89W



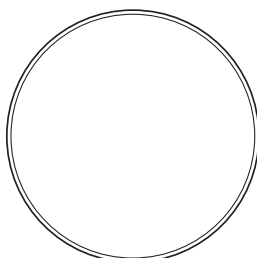
**Ø1000 mm**

LD: 96W / 142W

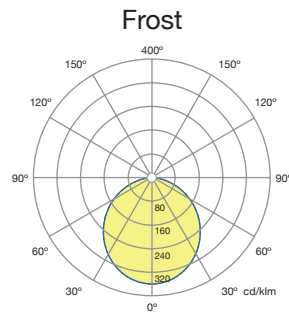


**Ø1200 mm**

LD: 144W / 212W



## Optics



## Features

**LED**

3000 K

4000 K

Tunable White \*

**Control**

On/Off

DALI

**Finishing**

White

Black

Multicolor \*

**General**

Emergency 1h - 3h\*

IP20 - IP44\*

Class I

\*on request

# Astra Trimless 150

## Model



## Mounting



## Light Distribution



## Diameter / Power

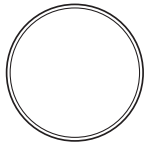
**Ø400 mm**

LD: 18W / 29W



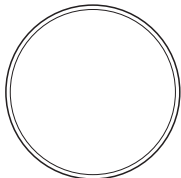
**Ø650 mm**

LD: 36W / 53W



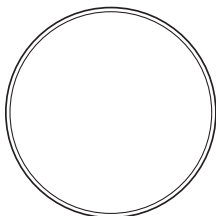
**Ø800 mm**

LD: 60W / 89W



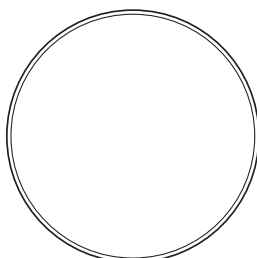
**Ø1000 mm**

LD: 96W / 142W

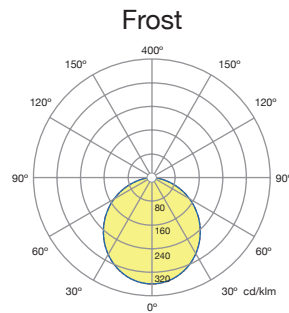


**Ø1200 mm**

LD: 144W / 212W



## Optics



## Features

**LED**

3000 K

4000 K

Tunable White \*

**Control**

On/Off

DALI

**Finishing**

White

Black

Multicolor \*

**General**

Emergency 1h - 3h\*

IP20 - IP44\*

Class I

\*on request

# Highlights

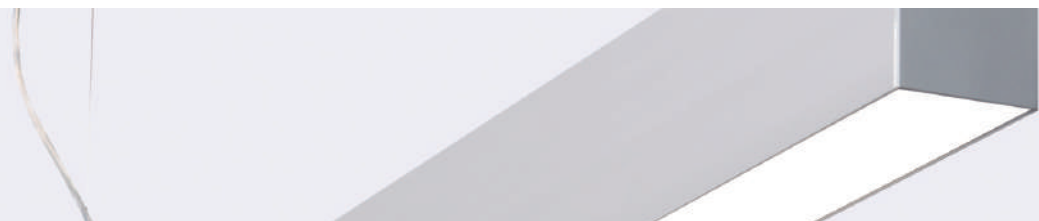
**Boya**



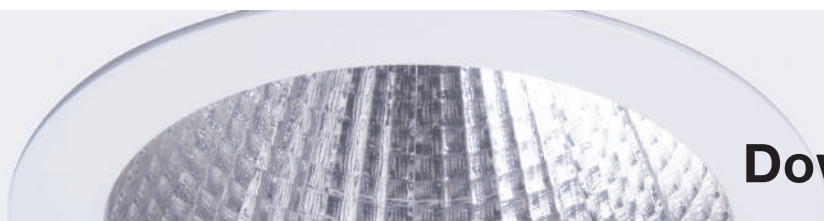
**Tupoli**



**Spy**



**Downlights**



**Track Lighting**



LED technology evolution results in continuous changes in the luminous efficiency of the LED. The information provided by the catalogue should therefore be referred to the date of publication – for regularly updated data, technical and photometric information, quality certificates and product data sheets please refer to our website **[www.climarlighting.com](http://www.climarlighting.com)**.

This brochure nullifies all previous versions and it may be changed without notice.

#### **Five-year guarantee**

The products presented on this brochure are covered by a 5-year manufacturer's guarantee in accordance with the terms of guarantee at **[www.climarlighting.com](http://www.climarlighting.com)**.







# Climar

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BYBEAU

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Climar Lighting

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de Desenvolvimento Regional