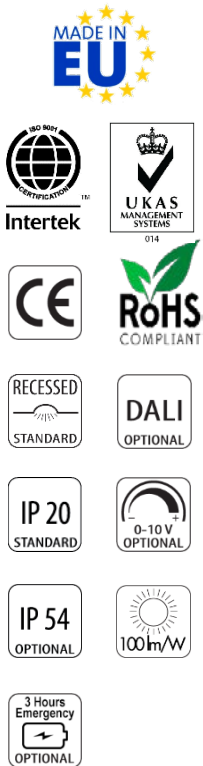


# ESTRELLA Recessed



## Estrella Recessed Series

- Energy Efficiency Recess-mount downlight fixtures.
- A+ Energy Efficiency class with efficiency of 100lm/W.
- Multiple sizes and luminous power combinations.
- No UV Light emission.
- Available in Cool, Neutral & Warm White Color Temperatures.

## Product Highlights

- Ideal solution for General and Accent interior lighting applications.
- Suitable for Retail areas, Corridors and Staircases, Office and Living areas.
- Easy mounting, maintenance free.

## Main Technical Data

### Luminous Flux Table

Product Type	Luminous flux (lm)		
	Cool White	Neutral White	Warm White
Estrella S 12W Ø 178mm	1200	1200	1140
Estrella M 12W Ø 188mm	1200	1200	1140
Estrella M 15W Ø 188mm	1500	1500	1425
Estrella L 15W Ø 240mm	1500	1500	1425
Estrella L 20W Ø 240mm	2000	2000	1900
Estrella L 25W Ø 240mm	2500	2500	2375

Models	Estrella S	Estrella M	Estrella M	Estrella L	Estrella L	Estrella L
<b>Operating Voltage</b>	230V AC 50/60Hz					
<b>Energy Class</b>	A+					
<b>Overall consumption</b>	12W	12W	15W	15W	20W	25W
<b>Operating temperature</b>	-10°C to +40°C					
<b>Relative humidity</b>	< 60 %					
<b>Dimming</b>	Optional Add-on. [DIM Suffix to order code]					
<b>DALI Dimming</b>	Optional Add-on. [DAL Suffix to order code] *1					
<b>3 hr Emergency Battery</b>	Optional Add-on. [3HR Suffix to order code] *2					
<b>Color Rendering Index</b>	Ra > 80 (Ra > 90 available upon request)					
<b>Flicker</b>	< 5%					
<b>Power Factor</b>	> 0.90					
<b>UGR</b>	< 22					
<b>Lifetime</b>	> 50 000h					
<b>Standard Compliance</b>	EN 60598, EN 60529, EN 61000, EN 61547, EN 55015, etc.					
<b>Color temperature CCT</b>	Cool White 5700K - Neutral White 4000K - Warm white 2700K					
<b>Body</b>	Powder coated Aluminum					
<b>Diffuser</b>	PC diffuser cover					
<b>Type of Mounting</b>	Recessed					
<b>Protection Class</b>	IP20, IP 54 optional [P54 Suffix to order code] *3					
<b>Warranty</b>	According to standard Octa Light warranty conditions					

1. DALI control optionally available with DAL suffix to order code.
2. 3 Hour Emergency Pack mounted externally outside the housing.
3. IP54 optionally available with P54 suffix to order code.

Octa Light maintains accuracy on all measurements within ±7%

## Product Selection Guide

<b>EST</b>	<b>X</b>	<b>WWW</b>	<b>8CC</b>	<b>Y</b>	<b>OPT</b>
Series Name	Size See Table 1	Wattage See Table 1	CRI & CCT See Table 1	Type See Table 1	Add-ons See Table 1

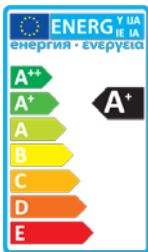
Table 1 – Available Dimensions, Wattage & Color Temps

Series Code	Size X	Rated Power WWW	CRI	CCT CC	Type Y	OPT
EST : Estrella Series	S - Ø 178mm	012W	8: Ra > 80	57 : 5700K 40 : 4000K 27 : 2700K	R-recessed mounting	DIM : 0-10V Dimming DAL : DALI Dimming. 3HR : 3 Hour Emergency Battery P54: IP54 Rating.
	M- Ø 188mm	015W				
		020W				
	L - Ø 240mm	015W				
		020W				
	025W					

Examples of specific product selection:

Coding: ESTM015840R  
Type: ESTRELLA, Medium series 188mm, 15W, CRI 80, 4000K Color Temperature, recessed

Coding: ESTL025840R 3HR  
Type: ESTRELLA, Large series 240mm 25W, CRI 80, 4000K Color Temperature, recessed with 3 Hour Battery.



Light Distribution Curve

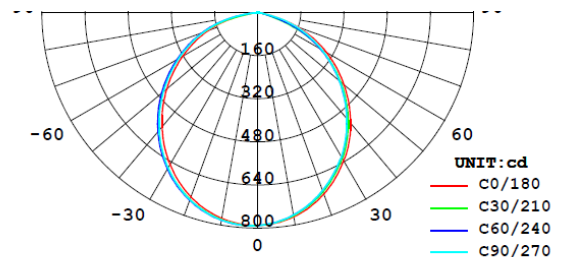


Table 2 – Mechanical Dimensions

Luminaire type	Mechanical Dimensions, mm			Standard mounting	Gross weight /kg/
	Outer Ø	Cut out Ø	H		
ESTRELLA S	178	155	50	Recessed	0.59
ESTRELLA M	188	160	50		0.70
ESTRELLA L	240	210	53		1.30

Disclaimer

Octa Light Bulgaria reserves the right to make changes in specifications without notice. Always make sure to use most recent release.

Company Information

Octa Light Bulgaria is fully vertically integrated manufacturer of LED packages, LED modules, LED lamps and LED luminaires. The company was established in 2010 as the first Light Emitting Diodes (LED) manufacturer with production based entirely in the EU. The company LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs and innovative AC LED modules, as well as special applications LEDs. We constantly are growing our LEDs range to bring highest performance and quality of light sources. Our business scope includes OEM and ODM supply of LED packages, LED engines, luminaires and lamps.

Octa Light Bulgaria offers also complete lighting solutions accomplishing a variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing /CEM/ for key industries.

