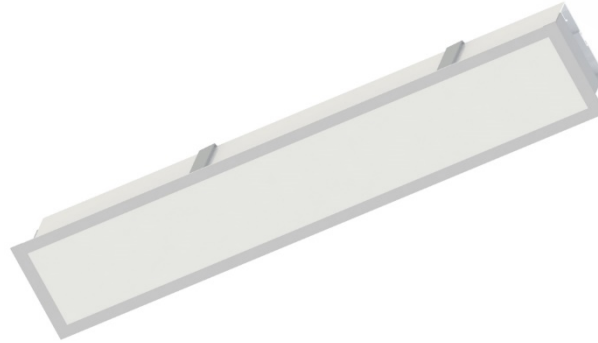


# RLL



### Applications

- A+ Energy Efficiency class with efficiency of 110lm/W.
- No UV Light emission, No Mercury.
- Offices & Meeting rooms.
- Shopping malls & Supermarkets.
- Hospitals and Schools.
- Stores and corridors.

### Product Highlights

- Elegant design.
- Versatile indoor lighting solution.
- Useful lifetime L70>50 000h.
- Available in Cool, Neutral & Warm White Color Temperatures.

### Luminous Flux Table

Product Type	Luminous flux (lm)		
	Cool White	Neutral White	Warm White
RLS 60cm 6W	660	660	630
RLS 60cm 12W	1320	1320	1250
RLS 120cm 12W	1320	1320	1250
RLS 120cm 24W	2640	2640	2500
RLS 150cm 18W	1980	1980	1880
RLS 150cm 36W	3960	3960	3760
RLL 60cm 6W	660	660	630
RLL 60cm 12W	1320	1320	1250
RLL 120cm 12W	1320	1320	1250
RLL 120cm 24W	2640	2640	2500
RLL 150cm 18W	1980	1980	1880
RLL 150cm 36W	3960	3960	3760

### Main Technical Data

Models	RLL Series				
	RLS/RL	RLS/RL	RLS/RL	RLS/RL	RLS/RL
<b>Operating Voltage</b>	230V AC 50Hz				
<b>Energy Class</b>	A+				
<b>Length</b>	60cm	60/120cm	120cm	150cm	150cm
<b>Overall consumption</b>	6W	12W	24W	18W	36W
<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]				
<b>Color Rendering Index</b>	Ra > 80				
<b>Flicker</b>	< 5%				
<b>Power Factor</b>	> 0.95				
<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>	Anodized aluminum, elegant design with white color Grey color finish available upon request				
<b>Diffuser</b>	UV Stabilized PC diffuser				
<b>Type of Mounting</b>	Recessed				
<b>Protection Class</b>	IP20				
<b>Warranty</b>	According to standard Octa Light warranty conditions				

## Product Selection Guide

<b>RLL/RLS</b>	<b>XXXX</b>	<b>WWW</b>	<b>8CC</b>	<b>OPT</b>
Series Name	Size	Wattage	CRI & CCT	Add-ons
	See Table 1	See Table 1	See Table 1	See Table 1

Table 1 – Available Dimensions, Wattage & Color Temps

Series Code	Size XXXX	Rated Power WWW	CRI	CCT CC	OPT
RLL/RLS : RLL Series	0600 1200 1500	006 012 024 018 036	8: Ra > 80	57 : 5700K 40 : 4000K 27 : 2700K	DIM : 0-10V Dimming DAL : DALI Dimming. 3HR : 3 Hour Emergency Battery

Examples of specific product selection:

Coding: RLS0600006840  
Type: RLL Series, 5.7cm width, 06 Watt, CRI 80, 4000K Color Temperature.

Coding: RLL1500036857  
Type: RLL Series, 8.5cm width, 36 Watt, CRI 80, 5700K Color Temperature.

Light Distribution Curve

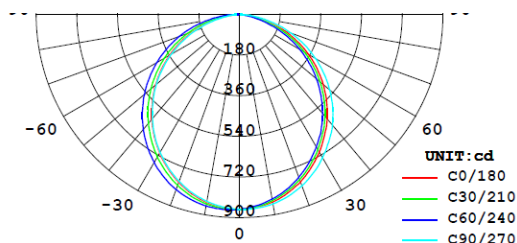
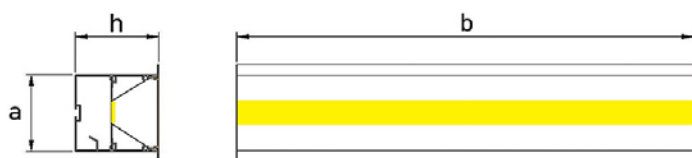


Table 2 – Mechanical Dimensions

Luminaire type	Mechanical Dimensions			Gross weight /kg/
	a (mm)	b (mm)	h (mm)	
RLS0600XXX8XX	57	600	85	1.3
RLS1200XXX8XX	57	1200	85	2.2
RLS1500XXX8XX	57	1500	85	2.6
RLL0600XXX8XX	85	600	85	1.4
RLL1200XXX8XX	85	1200	85	2.8
RLL1500XXX8XX	85	1500	85	3.5



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.

