

# LED DL Luminaire



DL Luminaire



## Applications

- Large and small retail area lighting
- Corridors and stairways lighting
- Office and living areas lighting
- Administrative area lighting

- Energy Efficiency Recess-mount downlight fixtures.
- A+ Energy Efficiency class with efficiency of 100lm/W.
- No UV Light emission.
- Accent/General lighting
- Useful lifetime l70>50 000

## Main Technical Data

### Luminous Flux Table

Product Type	Luminous flux (lm)		
	Cool White	Neutral White	Warm White
DL83 10W Ø 90mm	1000	1000	950

Models	DL 10W
Operating Voltage	230V AC
Energy Class	A+
Overall consumption	10W
Operating temperature	-10°C to +40°C
Relative humidity	< 95 %
Dimming	Optional Add-on. [DIM Suffix to order code]
DALI Dimming	Optional Add-on. [DAL Suffix to order code] <sup>1</sup>
3 hr Emergency Battery	Optional Add-on. [3HR Suffix to order code] <sup>2</sup>
Color Rendering Index	Ra > 80
Flicker	< 5%
Power Factor	> 0.95
Lifetime	>50 000h
Standard Compliance	EN 60598, EN 60529, EN 61000, EN 61547, EN 55015, etc.
Color temperature CCT	Cool White 5700K - Neutral White 4000K - Warm white 2700K
Body	Die cast aluminum
Type of Mounting	Recessed
Protection Class	IP66
Warranty	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.

*Octa Light maintains accuracy on all measurements within ±7%*

## Product Selection Guide

<b>DL83</b>	<b>WW</b>	<b>8CC</b>	<b>R</b>	<b>OPT</b>
Series Name	Rated Power See Table 1	CRI & CCT See Table 1	Mounting See Table 1	Add-ons See Table 1

Table 1 – Available Dimensions, Wattage & Color Temps

Series Code	Rated Power WWW	CRI	CCT CC	Type of mounting	OPT
DL83 : Downlight 83	10 : 10W	8 : Ra > 80	57 : 5700K 40 : 4000K 27 : 2700K	R : Recessed	DIM : 0-10V Dimming DAL : DALI Dimming. 3HR : 3 Hour Emergency Battery

Examples of specific product selection:

Coding: DL8310840R  
Type: DL83 Series, 10W, CRI 80, 4000K Color Temperature, Recessed

Light Distribution Curve

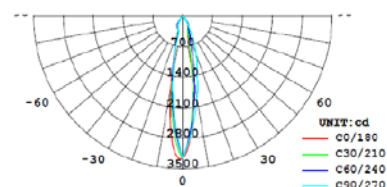


Table 2 – Mechanical Dimensions

Luminaire type	Mechanical Dimensions, mm			Standard mounting	Gross weight /kg/
	Outer	Cut out	H		
DL83 10W	Ø 90	Ø80	50	Recessed	0.95



### 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.

