

LED DLG Luminaire



DLG Luminaire

Applications

- Large and small retail area lighting
- Corridors and stairways lighting
- Office and living areas lighting
- Administrative area lighting
- A+ Energy Efficiency class with efficiency of 80lm/W.
- Specially developed to provide high quality downlight solutions for demanding projects in terms of lighting parameters, lifetime and contemporary design.
- Accent/General lighting
- Useful lifetime >50 000

Main Technical Data

Luminous Flux Table

Product Type		Luminous flux (lm)		
		Cool White	Neutral White	Warm White
DLG 9W IP44	Ø 110mm	720	720	680
DLG 12W IP44	Ø 110mm	960	960	910

Models	DLG 9W	DLG 12W
Operating Voltage	230V AC	
Energy Class	A+	
Overall consumption	9W	12W
Input current	0.04 A	0.05 A
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] ¹	
3 hr Emergency Battery	Optional Add-on. [3HR Suffix to order code] ²	
Color Rendering Index	Ra > 80	
Flicker	< 5%	
Power Factor	> 0.9	
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	Glass	
Type of Mounting	Recessed	
Protection Class	IP44	
Warranty	According to standard Octa Light warranty conditions	

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

Octa Light maintains accuracy on all measurements within ±7%

Product Selection Guide

DLG	WW	8CC	YY	R	OPT
Series Name	Rated Power See Table 1	CRI & CCT See Table 1	Beam angle	Mounting See Table 1	Add-ons See Table 1

Table 1 – Available Dimensions, Wattage & Color Temps

Series Code	Rated Power WWW	CRI	CCT CC	YY Beam angle	Type of mounting	OPT
DLG : Downlight DLG	9 : 9W 12 : 12W	8 : Ra > 80	57 : 5700K 40 : 4000K 27 : 2700K	38 : 38 degrees	R : Recessed	DIM : 0-10V Dimming DAL : DALI Dimming. 3HR : 3 Hour Emergency Battery

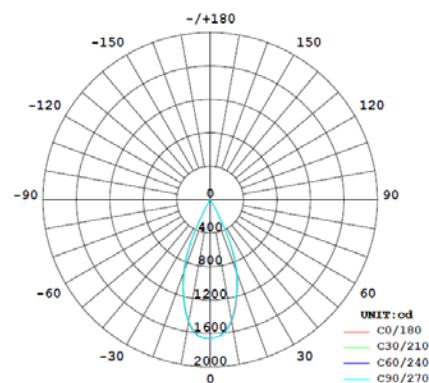
Examples of specific product selection:

Coding: DLG1284038R

Type: DLG Series, 12W, CRI 80, 4000K Color Temperature, 38 degrees beam angle, Recessed



Light Distribution Curve



Mechanical dimensions

Luminaire type	Mechanical Dimensions, mm		Standard mounting	Gross weight /kg/
	Outer	H		
DLG 9 W	Ø 110	70	Recessed	0.80
DLG 12 W	Ø 110	70	Recessed	0.80

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.

