

Prolux A/B



Product Highlights

- Simply elegant, energy efficient and reliable luminaire.
- Available in oval shape (Prolux A) and in rectangular form (Prolux B)
- Easy mounting, maintenance free
- Available in Cool, Neutral & Warm White Color Temperatures.

Applications

- A++ Energy Efficiency class with efficiency of 130lm/W.
- Effective solution for lighting of offices, shops, administrative buildings, hospitals
- Ideal for direct replacement of fluorescent light sources: 1x18W; 1x36W; 2x36W; 1x54W; 2x54W

Main Technical Data

Luminous Flux Table

Product Type	Luminous flux (lm)		
	Cool White	Neutral White	Warm White
Prolux A A++ 20W	2,600	2,600	2,470
Prolux B A++ 20W	2,600	2,600	2,470
Prolux A A++ 27W	3,510	3,510	3,330
Prolux B A++ 27W	3,510	3,510	3,330
Prolux A A++ 37W	4,810	4,810	4,570
Prolux B A++ 37W	4,810	4,810	4,570
Prolux A A++ 47W	6,110	6,110	5,800
Prolux B A++ 47W	6,110	6,110	5,800

Models	Prolux A++	Prolux A++	Prolux A++	Prolux A++
	20 W	27W	37W	47W
Operating Voltage	186-245V AC 50Hz			
Energy Class	A++			
Input current	0.10A	0.14A	0.19A	0.23A
Overall consumption	20 W	27W	37W	47W
Operating temperature	-10°C to +40°C			
Relative humidity	< 70 %			
Dimming	Optional Add-on. [DIM Suffix to order code]			
DALI Dimming	Optional Add-on. [DAL Suffix to order code]			
3 hr Emergency Battery	Optional Add-on. [3HR Suffix to order code]			
Color Rendering Index	Ra > 80			
Flicker	< 5%			
Power Factor	> 0.95			
Lifetime	>70 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	Metal steel sheet powdered in white			
Cover types	Diffuser from extruded PC or PMMA			
Type of Mounting	Surface standard /Suspended optional			
Protection Class	IP21 standard , IP 40 optional [P40 Suffix to order code]			
Warranty	According to standard Octa Light warranty conditions			

Octa Light maintains accuracy on all measurements within ±7%

Product Selection Guide

PR	Y	XXXX	WWW	8CC	OPT
Series Name	Type See Table 1	Length ft See Table 1	Wattage See Table 1	CRI & CCT See Table 1	Add-ons See Table 1

Table 1 – Available Dimensions, Wattage & Color Temps

Series Code	Type	Luminaire Length	Rated Power	CRI	CCT	OPT
		XXXX	WWW		CC	
PR : Prolux Series	A - Oval shape	0600	020	8: Ra > 80	57 : 5700K 40 : 4000K 27 : 2700K	DIM : 0-10V Dimming DAL : DALI Dimming. 3HR : 3 Hour Emergency Battery P40: IP40 Rating.
	B - Rectangular shape	1200	027			
		1200	037			
		1500	047			

Examples of specific product selection:

Coding: PRA0600020857
Type: Prolux A Series, oval shape, 60cm long, 20 Watt , CRI 80, 5700K Color Temperature.

Coding: PRB1200027840
Type: Prolux B Series, rectangular shape, 120cm long, 27 Watt , CRI 80, 4000K Color Temperature.

Luminous Intensity Curve

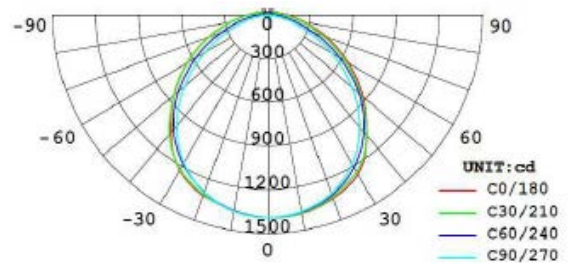
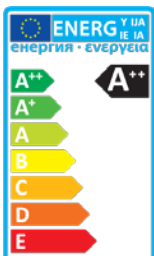


Table 2 – Mechanical Dimensions

Luminaire Type	Mechanical Dimensions		
	A(mm)	B(mm)	C(mm)
PRA06000208XX	627	200	71
PRA12000278XX	1255	200	71
PRA12000378XX	1255	200	71
PRA15000478XX	1540	200	71
PRB06000208XX	627	154	73
PRB12000278XX	1255	154	73
PRB12000378XX	1255	154	73
PRB15000478XX	1538	154	73



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.

