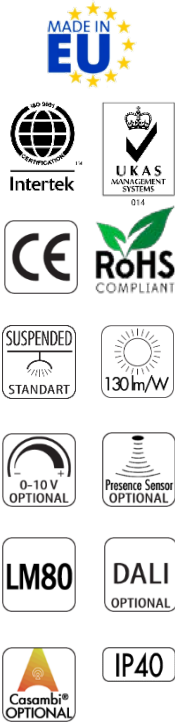


DCR Premium



Product Highlights

- Suitable replacement of Mercury-Vapor, Sodium and Metal Halide lamps.
- Ideal for warehouses, factories, sport centers and limited access zones.
- LM-80 Certified Octa Light High Efficiency LED Packages.

DCR Linear High-bay LED Luminaires.

- A++ Energy Rating with Delivered System efficiency of 135lm/W.
- Optional Dimming (0-10V/DALI) or CASAMBI Wireless Controls.
- Presence Sensors (IR and Microwave) optionally available.
- No Upwards or UV light emission.
- Available in Cool, Neutral & Warm White Color Temperatures.

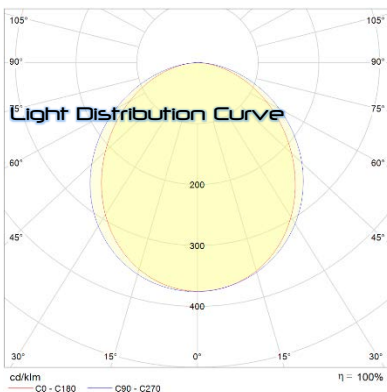
Luminous Flux Table

Product Type	Luminous flux (lm)	Luminous flux (lm)		
		Cool White	Neutral White	Warm White
DCR Premium 2ft 95W	12,350	12,350	11,730	
DCR Premium 2ft 125W	16,250	16,250	15,430	
DCR Premium 2ft 160W	20,800	20,800	19,760	
DCR Premium 4ft 160W	20,800	20,800	19,760	
DCR Premium 4ft 225W	29,250	29,250	27,870	
DCR Premium 4ft 320W	41,600	41,600	39,520	

Main Technical Data

Models	DCR Linear LED High bay Series					
	95	2ft 125	160	160	4ft 225	320
Operating Voltage	194 - 264V AC, 50/60Hz					
Energy Class	A++					
LED Light Source	OCTA LED 2835 PLCC					
LED Driver	Premium Constant Current LED Driver by TCI, Tridonic, OSRAM or Phillips or equivalent.					
Rated Consumption	95W	125W	160W	160W	225W	320W
Input Current (at 230V AC)	458mA	604mA	773mA	773mA	1087mA	1545mA
Operating temperature	-20°C to +50°C					
Relative humidity	< 95 %					
DALI Dimming	Optional Add-on [DALI Suffix to order code]					
PIR Sensor	Optional Add-on [PIR Suffix to order code]					
Microwave Sensor	Optional Add-on [MWS Suffix to order code]					
CASAMBI® Integration	Optional Add-on [CMB Suffix to order code]					
Color Rendering Index	Ra > 80					
Power Factor	> 0.90					
Flicker	< 5%					
Standard Compliance	EN 61000, EN 61547, EN 55015, EN 60598					
Color temperature CCT	Cool White 5700K-6500K - Neutral White 5000K-4500K - Warm White 2700K-3000K					
Body	Powder Coated Stamped Stainless Steel					
Diffuser	UV stabilized, reinforced polycarbonate Frosted Cover					
Type of Mounting	Hook Attachment or Swivel bracket.					
Useful Lifetime	L70 > 50,000h					
Protection Class	IP40					
Warranty	According to standard Octa Light warranty conditions					

Octa Light maintains accuracy on all measurements within ±7%



Product Selection Guide

DCR	PRE	S	WWW	ZCC	OPT
Series Name	Efficiency Code	Size	Wattage	CRI & CCT	Add-ons
		See Table 1	See Table 1	See Table 1	See Table 1

1 – Available Sizes, Wattage & Color Temps

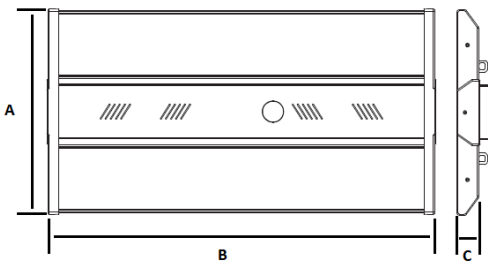
Series Code DCR	Efficiency Code PRE	Size Code S	Rated Power WWW	CRI Z	CCT CC	Option Codes OPT
DCR	PRE : Premium 130lm/W	2 : 2ft	105 : 105W	8 : Ra > 80	65 : 6500K	DAL: DALI Dimming. PIR : Infra-red Presence Sensor. MWS : Microwave Presence Sensor. CMB : Casambi® Integration
			160 : 160W		57 : 5700K	
		4 : 4ft	160 : 160W		50 : 5000K	
			225 : 225W		45 : 4500K	
			320 : 320W		40 : 4000K 30 : 3000K 27 : 2700K	

Examples of specific product selection:

Coding: DCRPRE2095857
Type: DCR Premium 130lm/W Linear Highbay 2ft – 95W, CRI: Ra > 80, 5700K Color Temperature.

Coding: DCRPRE4160865 PIR
Type: DCR Premium 130lm/W Linear Highbay 4ft – 160W, CRI: Ra > 80, 6500K Color Temperature, with PIR Sensor.

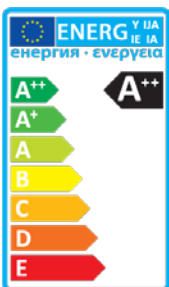
2 – Mechanical Dimensions and Illustrations



Product Code	Mechanical Dimensions			
	A	B	C	Weight
DCR 2ft	325mm	612mm	53mm	5Kg
DCR 4ft	325mm	1220mm	53mm	10Kg

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.

