

ORION Advance



ORION Advance Luminaire Series

Product Highlights

- IP67 Rated Current regulating driver with 20kV Double Stage Surge protection.
- LM-80 Certified Octa Light Multi-channel LED Chip-On-Board.
- Robust IK10 construction, built for extreme work conditions and high longevity.
- Modular LED Tunnel lighting solution.
- High Luminous efficiency of 130lm/W.
- Multiple sizes and luminous power combinations.
- No Upwards or UV Light emission.
- IP67 Protected design.

Main Technical Data

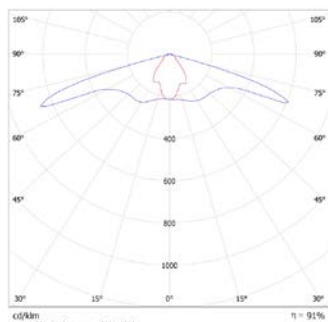
Luminous flux table

Product Type	Delivered Luminous flux (lm)		
	Cool white	Neutral white	Warm white
Orion Advance - 50W	6,500	6,500	6,170
Orion Advance - 60W	7,800	7,800	7,400
Orion Advance - 100W	13,000	13,000	12,350
Orion Advance - 120W	15,600	15,600	14,800
Orion Advance - 150W	19,500	19,500	18,500
Orion Advance - 180W	23,400	23,400	22,200
Orion Advance - 200W	26,000	26,000	24,700
Orion Advance - 240W	31,200	31,200	29,600

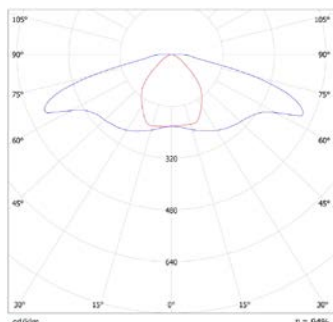
Models	ORION Advance 1	ORION Advance 2	ORION Advance 3	ORION Advance 4				
Operating Voltage	194-265V AC 45/65 Hz							
Energy Class	A++							
Overall consumption	50W	60W	100W	120W	150W	180W	200W	240W
LED Light Source	OCTALED Multi-channel LED Chip-on-Board (COB)							
Working temperature	- 30°C to +50°C							
Relative humidity	< 95 %							
NEMA7 Intelligent Node	Optional Add-on [INT Suffix to order]							
Color Rendering Index	Standard Ra > 70/ Ra > 80 optional							
Flicker rate	< 5%							
Power Factor	> 0.95							
Standard Compliance	EN 60598-1, EN 61547, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547.							
Color temperature CCT	Cool White 5000-5700K - Neutral White 4000-4500K - Warm White 3000-3500K							
Body	Black Powder coated high quality Aluminum body							
Lens Cover type	Tempered Borosilicate-glass lenses							
Light source Lifespan	L 70 > 50,000h							
Type of Mounting	Surface - Swivel bracket							
Protection Class	IP67 (IK10 Impact Resistance)							
Warranty	According to standard Octa Light warranty terms & conditions							

Octa Light maintains accuracy on all measurements within ± 7%

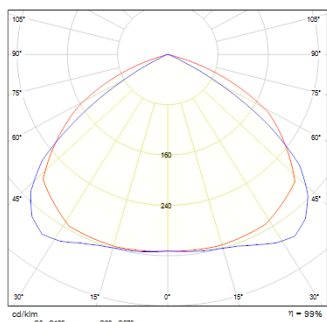
Optical Distribution Curves



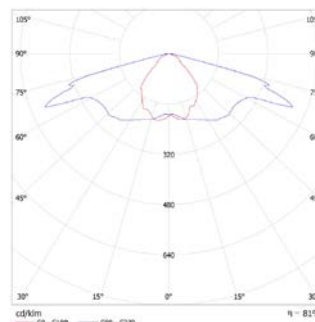
Optic A Distribution *Tunnel



Optic B Distribution *Tunnel



Optic C Distribution



Optic D Distribution

Product Selection Guide

ORN	ADV	X	WWW	Y	ZCC	OPT
Product Code	ADV Series	Module Count See Table 1	Wattage See Table 1	Optics code See Table 1	CRI & CCT See Table 1	Add-ons See Table 1

Table 1 – Available Dimensions, Wattage & Color Temps

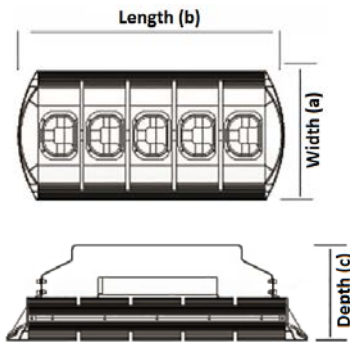
Product Code	Series Code	LED Module Count X	Rated Power WWW	Optics Code Y	CRI Z	CCT CC	Option OPT
ORN : ORION Series	ADV : Advance 130lm/W	1 : One LED Module	050 : 50W	A B C D	7: Ra > 70 8: Ra > 80	57 : 5700K 50 : 5000K 45 : 4500K 40 : 4000K 35 : 3500K 30 : 3000K	DIM: 1-10V Dimming DAL: DALI Dimming INT: Intellilamp NEMA 7 Node Add-on.
			060 : 60W				
		2 : Two LED Modules	100 : 100W				
			120 : 120W				
		3 : Three LED Modules	150 : 150W	Refer to Charts on Page 1			
			180 : 180W				
		4 : Four LED Modules	200 : 200W				
			240 : 240W				

Examples of specific product selection:

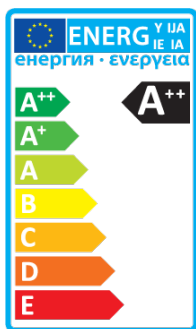
Coding: ORNADV1060A750
Type: ORION Advance, Single Module, 60W, Optic A, CRI Ra > 70, 5000K Color Temperature

Coding: ORNADV4200A845 INT
Type: ORION Advance, Four Modules, 200W, Optic A, CRI Ra > 80, 4500K Color Temperature, Intellilamp NEMA7 Add-on.

Table 2 – Mechanical Dimensions



Luminaire Type	Mechanical Dimensions ^{with Bracket}			Net weight	Standard mounting
	Width (a)	Length (b)	Depth (c)		
ORNADV1 WWWYZCC	320 mm	320 mm	260 mm	5.2 kg	Swivel Bracket
ORNADV2 WWWYZCC		320 mm		5.5 kg	
ORNADV3 WWWYZCC		440 mm		7.5 kg	
ORNADV4 WWWYZCC		560 mm		10.5 kg	
ORNADV5 WWWYZCC		680 mm		12.5 kg	



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.

