

ORION UHE



ORION UHE 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
- Modular LED Tunnel lighting solution.
- High Luminous efficiency of 170lm/W.
- Multiple sizes and luminous power combinations.
- No Upwards or UV Light emission.
- IP67 Protected design.

Main Technical Data

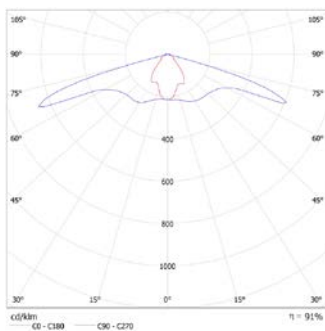
Luminous flux table

Product Type	Delivered Luminous flux (lm)		
	Cool white	Neutral white	Warm white
Orion UHE - 50W	8,500	8,500	8,100
Orion UHE - 60W	10,200	10,200	9,700
Orion UHE - 100W	17,000	17,000	16,150
Orion UHE - 120W	20,400	20,400	19,400
Orion UHE - 150W	25,500	25,500	24,200
Orion UHE - 180W	30,600	30,600	29,000
Orion UHE - 200W	34,000	34,000	32,300
Orion UHE - 240W	40,800	40,800	38,700

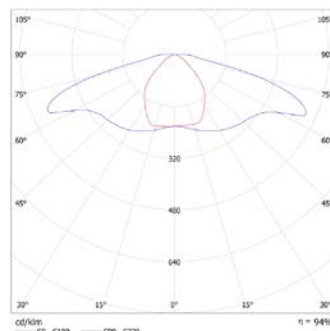
Models	ORION UHE 1	ORION UHE 2	ORION UHE 3	ORION UHE 4				
Operating Voltage	194-264V AC 45/65 Hz							
Energy Class	A++							
Overall consumption	50W	60W	100W	120W	150W	180W	200W	240W
LED Light Source	OCTALED Multi-channel LED Chip-on-Board (COB)							
Working temperature	- 30°C to +50°C							
Relative 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%

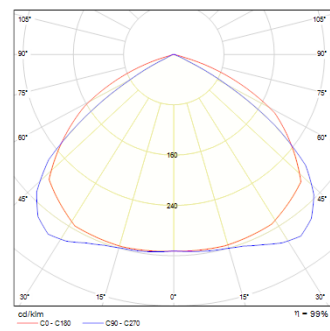
Optical Distribution Curves



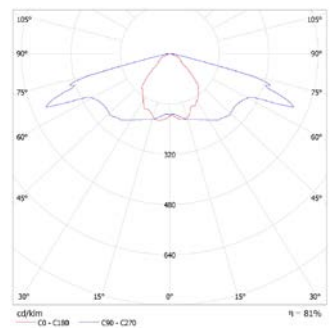
Optic A Distribution *Tunnel



Optic B Distribution *Tunnel



Optic C Distribution



Optic D Distribution

Product Selection Guide

ORN	UHE	X	WWW	Y	ZCC	OPT
Product Code	UHE 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

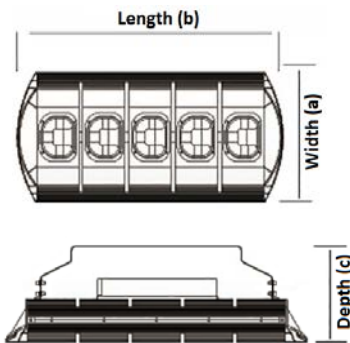
Product Code	Series Code	LED Module Count <i>X</i>	Rated Power <i>WWW</i>	Optics Code <i>Y</i>	CRI <i>Z</i>	CCT <i>CC</i>	Option <i>OPT</i>
ORN : ORION Series	UHE : UHE 170lm/W	1 : One LED Module	050 : 50W	A B C D Refer to Charts on Page 1			DIM: 1-10V Dimming DAL: DALI Dimming INT: Intellilamp NEMA 7 Node Add-on.
			060 : 60W				
		2 : Two LED Modules	100 : 100W				
			120 : 120W				
		3 : Three LED Modules	150 : 150W				
			180 : 180W				
		4 : Four LED Modules	200 : 200W				
			240 : 240W				

Examples of specific product selection:

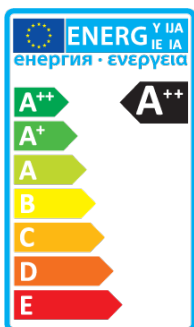
Coding: ORNUHE1060A750
 Type: ORION UHE, Single Module, 60W, Optic A, CRI Ra > 70, 5000K Color Temperature

Coding: ORNUHE4200A845 INT
 Type: ORION UHE, 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)		
ORNUHE1 WWWYZCC	320 mm	320 mm	260 mm	5.2 kg	Swivel Bracket
ORNUHE2 WWWYZCC		320 mm			
ORNUHE3 WWWYZCC		440 mm			
ORNUHE4 WWWYZCC		560 mm			
ORNUHE5 WWWYZCC		680 mm			



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.

