

MEGA UHE



Main Technical Data

Product Highlights

- Variable models from 320W up to 800W.
- Unique ultra high efficient Octa Light Source inside.
- Multiple light distribution for different mount heights.
- Useful lifetime L70>50 000h.
- Interior/Exterior applications.
- High energy saving characteristics and granting long lifetime of the light source
- Flexible mounting options, easy installation, maintenance free.

Applications

- High efficient luminaire with efficiency up to 160lm/W.
- Suitable for replacing a variety of conventional Mercury - Vapour, Sodium and Metal Halide lamps.
- Sports arenas lighting
- Ideal for warehouses, factories, workshops, sport centers.
- High activity areas – industrial and shipping zones, airports

Luminous flux table

Product Type	Luminous flux (lm)		
	Cool white	Neutral white	Warm white
MEGA 4 UHE 320W	51,200	51,200	48,640
MEGA 6 UHE 480W	76,800	76,800	72,960
MEGA 8 UHE 640W	102,400	102,400	97,280
MEGA 10 UHE 800W	128,000	128,000	121,600

Models	MEGA 4 UHE	MEGA 6 UHE	MEGA 8 UHE	MEGA 10 UHE
Operating Voltage	186-265V AC 50/60 Hz			
Energy Class	A++			
Overall consumption	320W	480W	640W	800W
Working temperature	-30°C to +50°C			
Relative humidity	< 95 %			
DALI Dimming	Optional Add-on [DAL Suffix to order]			
1-10 V dimmability	Optional Add-on [DIM Suffix to order]			
Color Rendering Index	Standard Ra > 70/Ra>80 optional/Ra>90 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, etc.			
Color temperature CCT	Cool White 5300K-6000K - Neutral White 4500K-5000K - Warm White 2700K-3000K			
Body	Powder coated high quality Aluminum body RAL colors available upon request			
Cover type	Tempered glass lenses			
Light source Lifespan to L70	>50 000h			
Type of Mounting	Hook Attachment or Swivel bracket			
Protection Class	IP66, IK10			
Warranty	According to standard Octa Light warranty conditions			

Product Selection Guide

MEG	UHE	WWW	Y	CCC	OPT
Series Name	UHE Series	Wattage See Table 1	Opticalcode See Table 1	CRI & CCT See Table 1	Add-ons See Table 1

Table 1 – Available Dimensions, Wattage & Color Temps

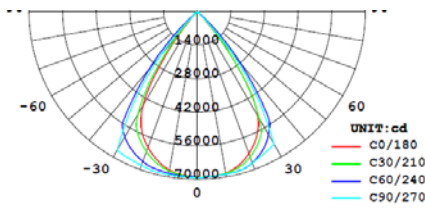
Series Code	Efficiency code	Rated Power WWW	Optics code Y	CRI	CCT CC	Option OPT
MEG : Mega Series	UHE : UHE 160lm/W	320W 480W 640W 800W	A- 60 degrees B- 90 degrees C- 120 degrees	7: Ra > 70 8: Ra > 80 9: Ra > 90	57 : 5700K 40 : 4000K 27 : 2700K	DIM: 0-10V Dimming DAL: DALI Dimming

Examples of specific product selection:

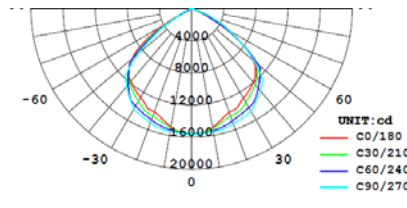
Coding: MEGUHE320A757
Type: MEGA UHE Series, 320 Watt , 60 degree, CRI 70, 5700K Color Temperature.

Coding: MEGUHE800B857
Type: MEGA UHE Series, 800 Watt, 90 degree, CRI 80, 5700K Color Temperature.

Light Distribution Curve



Standard distribution 60 degree



Standard distribution 120 degree

Table 2 – Mechanical Dimensions

Luminaire Type	Mechanical Dimensions			Gross weight /kg/	Standard mounting
	Length	Height	Width		
MEGUHE320YCCC	L=426mm	H=271mm	W=437	25	Hook Attachment or Swivel bracket
MEGUHE480YCCC	L=616mm			38	
MEGUHE640YCCC	L=810mm			50	
MEGUHE800YCCC	L=1000mm			62	

Disclaimer

Octa Light Bulgaria reserves the right to make changes in specifications without notice. Always make sure to use the 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.



