

# MEGA Premium



## Main Technical Data

### Applications

- High efficient luminaire with efficiency up to 130lm/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

### Product Highlights

- Variable models from 320W up to 800W.
- Unique ultra 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 life-time of the light source.
- Flexible mounting options, easy installation, maintenance free.

### Luminous flux table

Product Type	Luminous flux (lm)		
	Cool white	Neutral white	Warm white
<b>MEGA 4 Premium 320W</b>	41,600	41,600	39,520
<b>MEGA 6 Premium 480W</b>	62,400	62,400	59,280
<b>MEGA 8 Premium 640W</b>	83,200	83,200	79,040
<b>MEGA 10 Premium 800W</b>	104,000	104,000	98,800

Models	MEGA 4 Premium	MEGA 6 Premium	MEGA 8 Premium	MEGA 10 Premium
<b>Operating Voltage</b>	186-265V AC 50/60 Hz			
<b>Energy Class</b>	A++			
<b>Overall consumption</b>	320W	480W	640W	800W
<b>Working temperature</b>	- 30°C to +50°C			
<b>Relative humidity</b>	< 95 %			
<b>DALI Dimming</b>	Optional Add-on [DAL Suffix to order]			
<b>1-10 V dimmability</b>	Optional Add-on [DIM Suffix to order]			
<b>Color Rendering Index</b>	Standard Ra > 70/Ra>80 optional/Ra>90 optional			
<b>Flicker rate</b>	< 5%			
<b>Power Factor</b>	> 0.95			
<b>Standard Compliance</b>	EN 60598-1, EN 61547, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, etc.			
<b>Color temperature CCT</b>	Cool White 5300K-6000K - Neutral White 4500K-5000K - Warm White 2700K-3000K			
<b>Body</b>	Powder coated high quality Aluminum body RAL colors available upon request			
<b>Cover type</b>	Tempered glass lenses			
<b>Light source Lifespan to L70</b>	>50 000h			
<b>Type of Mounting</b>	Hook Attachment or Swivel bracket			
<b>Protection Class</b>	IP66, IK10			
<b>Warranty</b>	According to standard Octa Light warranty conditions			

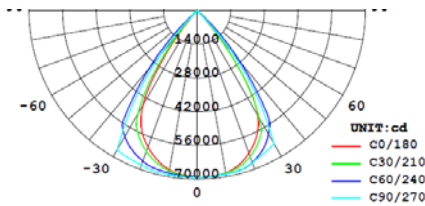
# Product Selection Guide

<b>MEG</b>	<b>PRE</b>	<b>WWW</b>	<b>Y</b>	<b>CCC</b>	<b>OPT</b>
Series Name	Premium Series	Wattage See Table	Opticalcode See Table 1	CRI & CCT See Table 1	Add-ons See Table 1

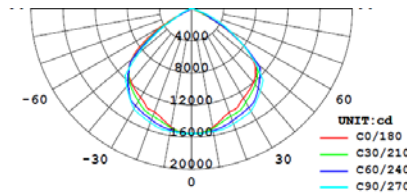
Table 1 – Available Dimensions, Wattage & Color Temps

Series Code	Efficiency code	Rated Power WWW	Optics code Y	CRI	CCT CC	Option OPT
MEG : Mega Series	PRE : Premium 130lm/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

## Light Distribution Curve



Standard distribution 60 degree



Standard distribution 120 degree

Table 2 – Mechanical Dimensions

Luminaire Type	Length	Mechanical Dimensions		Gross weight /kg/	Standard mounting
		Height	Width		
MEGPRE320YCCC	L=426mm	H=271mm	W=437	25	Hook Attachment or Swivel bracket
MEGPRE480YCCC	L=616mm			38	
MEGPRE640YCCC	L=810mm			50	
MEGPRE800YCCC	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.



