

## OLGA-W

~40° wide beam with flange. Assembly with holder and installation tape.

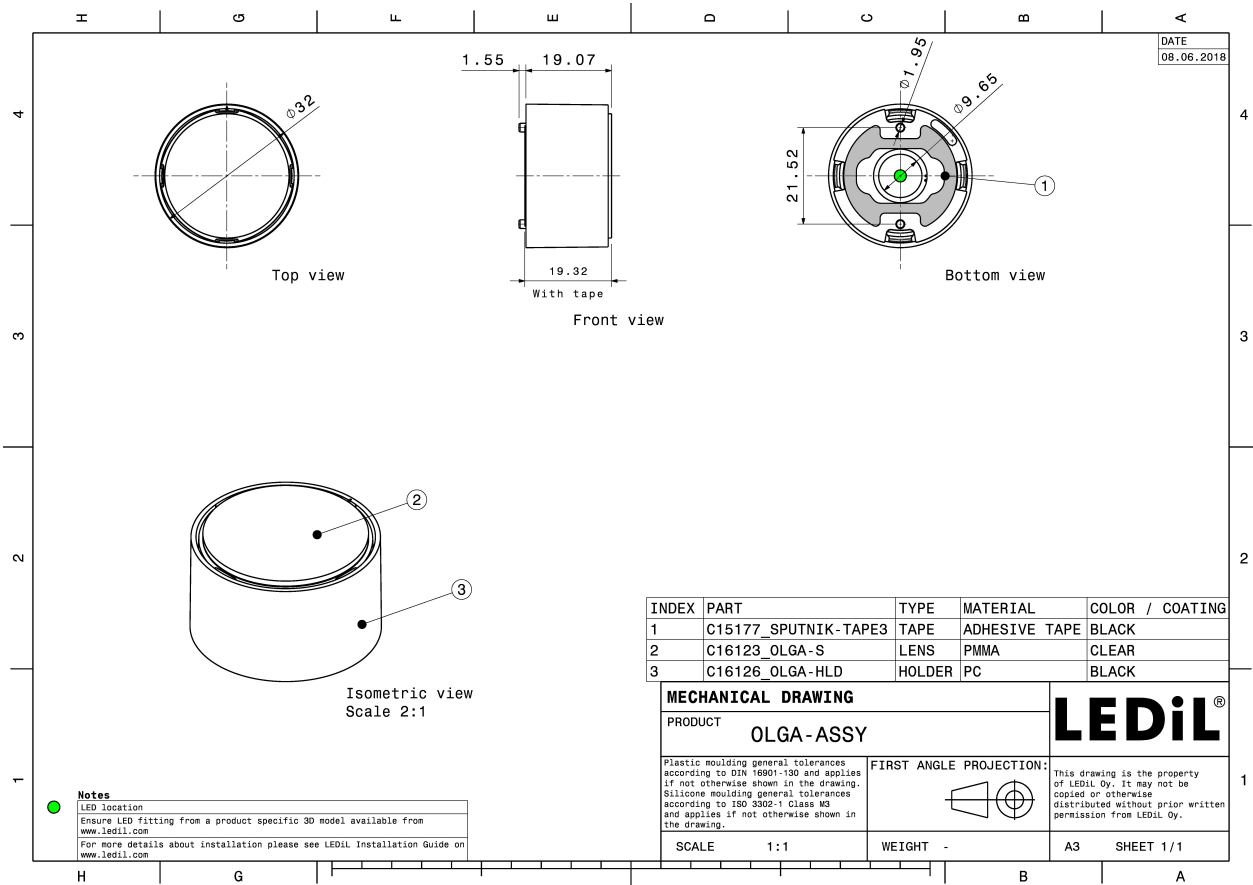
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
Colour	black
Box size	476 x 273 x 292 mm
Box weight	10 kg
Quantity in Box	792 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

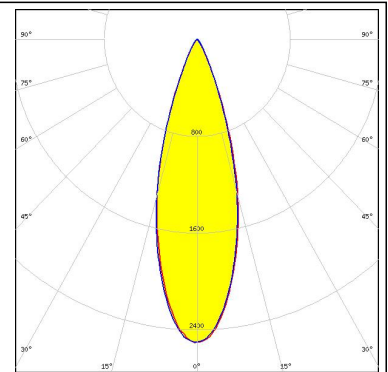
Component	Type	Material	Colour
OLGA-W	Lens	PMMA	clear
OLGA-HLD	Holder	PC	black
SPUTNIK-TAPE3	Tape	PU tape	black



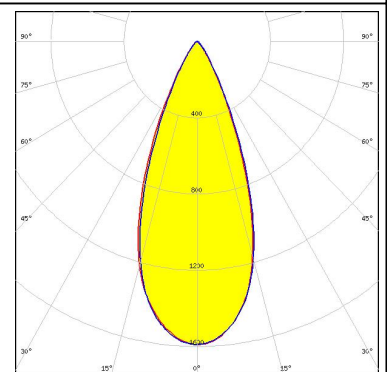
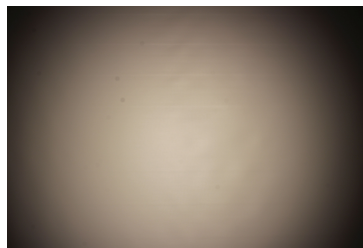
**PHOTOMETRIC DATA (MEASURED):**



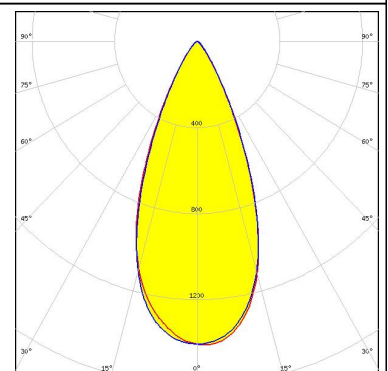
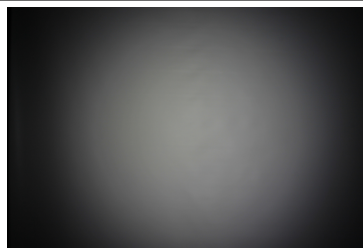
LED XD16  
FWHM 32.0°  
Efficiency 82 %  
Peak intensity 2.500 cd/lm  
Required components:



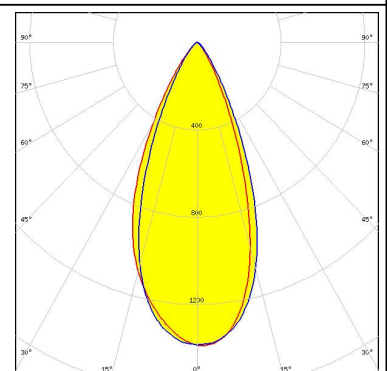
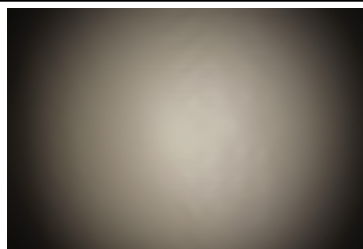
LED XHP50.2  
FWHM 42.0°  
Efficiency 84 %  
Peak intensity 1.590 cd/lm  
Required components:



LED XHP70  
FWHM 44.0°  
Efficiency 84 %  
Peak intensity 1.400 cd/lm  
Required components:



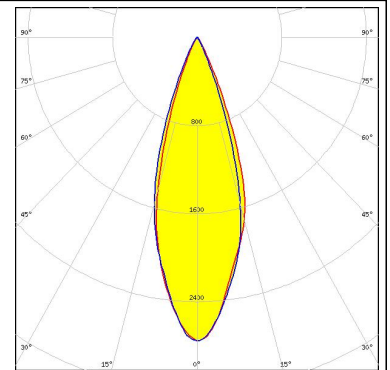
LED XHP70.2  
FWHM 44.0°  
Efficiency 83 %  
Peak intensity 1.400 cd/lm  
Required components:



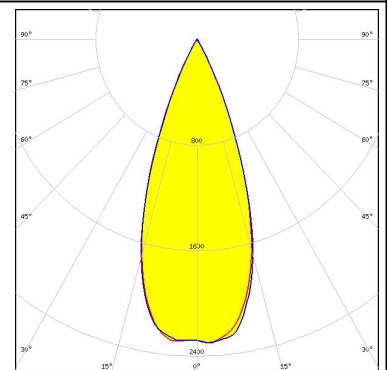
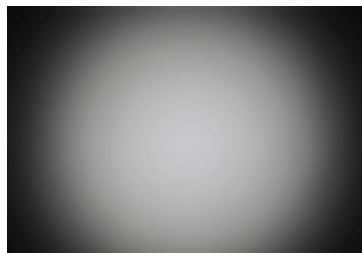
**PHOTOMETRIC DATA (MEASURED):**



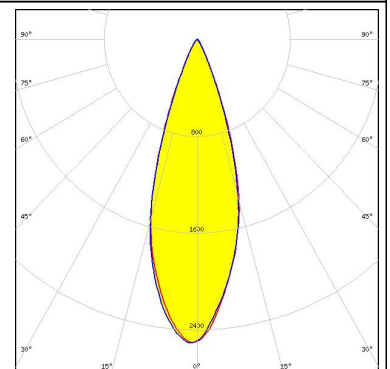
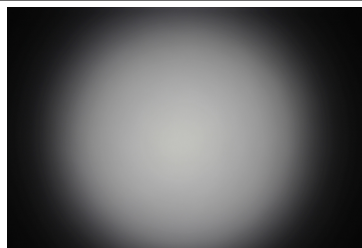
LED XQ-E HI  
FWHM 34.0°  
Efficiency 85 %  
Peak intensity 2.300 cd/lm  
Required components:



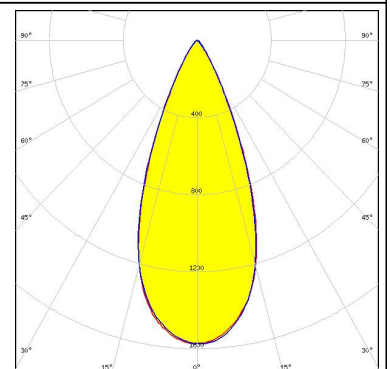
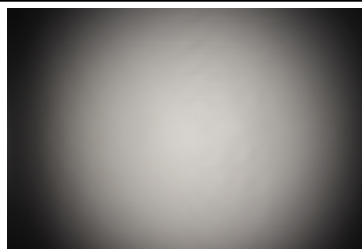
LED LUXEON 5050  
FWHM 35.0°  
Efficiency 86 %  
Peak intensity 2.200 cd/lm  
Required components:



LED LUXEON CZ  
FWHM 34.0°  
Efficiency 86 %  
Peak intensity 2.500 cd/lm  
Required components:



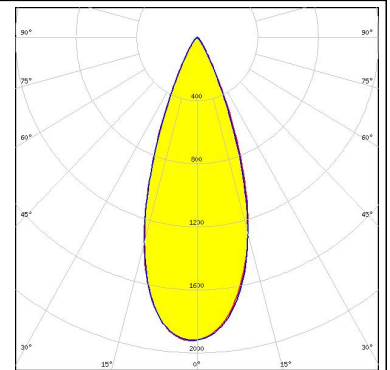
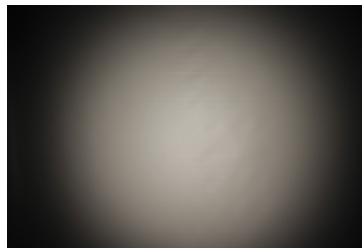
LED LUXEON M/MX  
FWHM 42.0°  
Efficiency 84 %  
Peak intensity 1.600 cd/lm  
Required components:



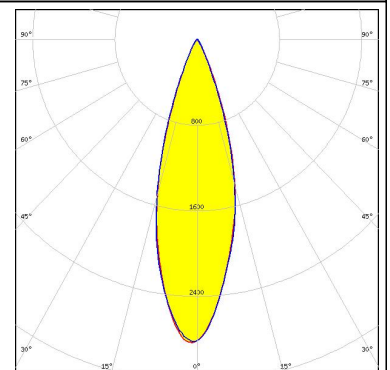
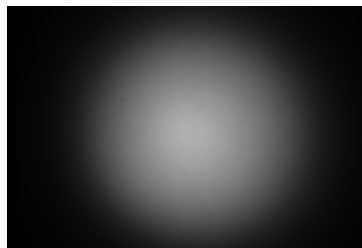
#### PHOTOMETRIC DATA (MEASURED):



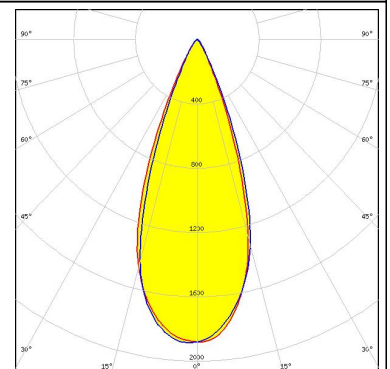
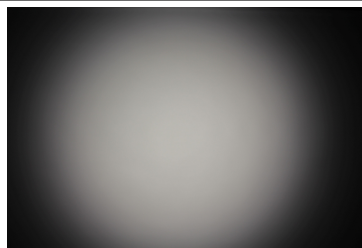
LED LUXEON V  
 FWHM 38.0°  
 Efficiency 84 %  
 Peak intensity 2.000 cd/lm  
 Required components:



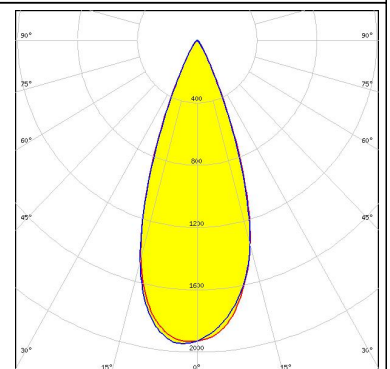
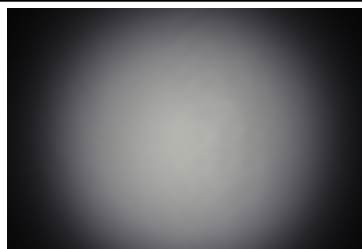
LED Oslon Black Flat  
 FWHM 31.0°  
 Efficiency 85 %  
 Peak intensity 2.800 cd/lm  
 Required components:



LED Oslon Square EC  
 FWHM 39.0°  
 Efficiency 84 %  
 Peak intensity 1.900 cd/lm  
 Required components:



LED Oslon Square Gen3  
 FWHM 39.0°  
 Efficiency 85 %  
 Peak intensity 2.000 cd/lm  
 Required components:

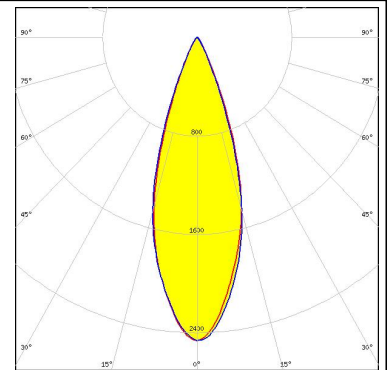
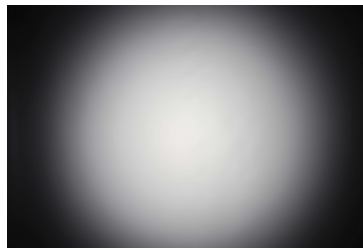




### PHOTOMETRIC DATA (MEASURED):

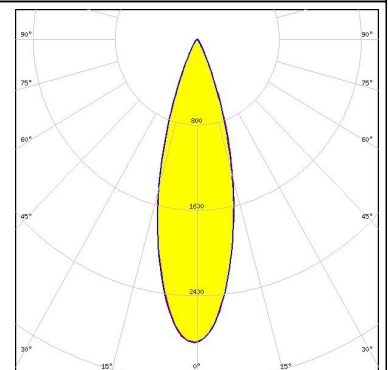
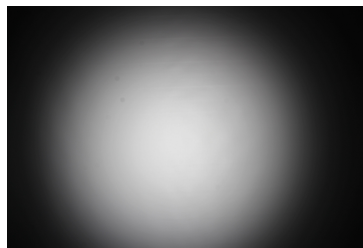
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 34.0°  
Efficiency 85 %  
Peak intensity 2.500 cd/lm  
Required components:



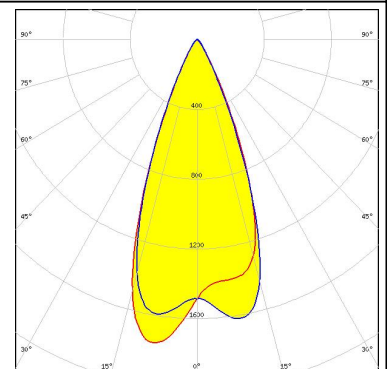
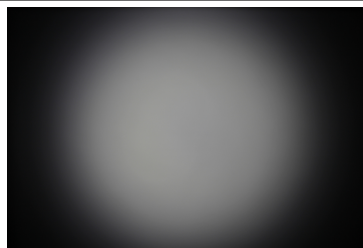
**SAMSUNG**

LED LH181B  
FWHM 30.0°  
Efficiency 85 %  
Peak intensity 2.800 cd/lm  
Required components:



**SAMSUNG**

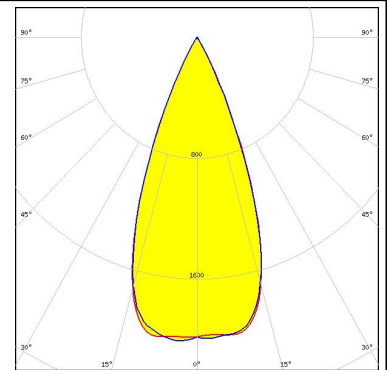
LED LH351B  
FWHM 41.0°  
Efficiency 85 %  
Peak intensity 1.800 cd/lm  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

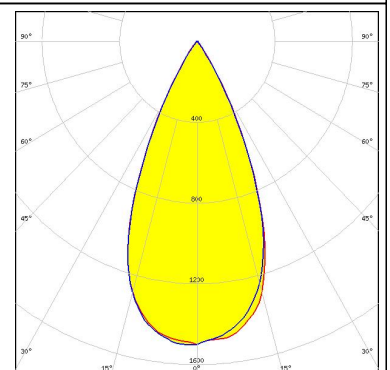
#### CITIZEN

LED PSL440  
FWHM 42.0°  
Efficiency 94 %  
Peak intensity 2.030 cd/lm  
Required components:



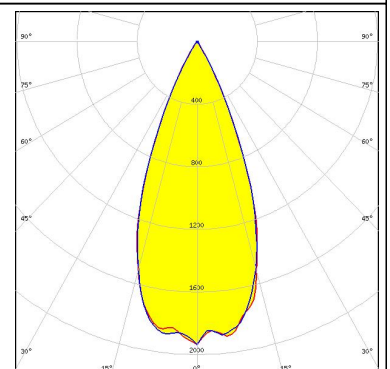
#### CITIZEN

LED PSL445  
FWHM 47.0°  
Efficiency 90 %  
Peak intensity 1.545 cd/lm  
Required components:



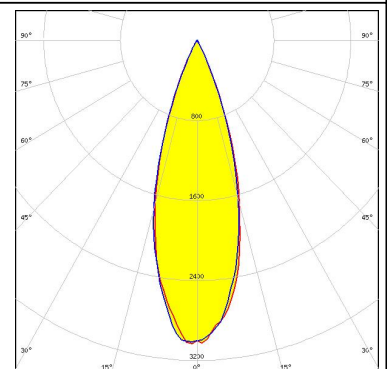
#### CREE

LED XHP50  
FWHM 42.0°  
Efficiency 92 %  
Peak intensity 1.975 cd/lm  
Required components:



#### LUMILEDS

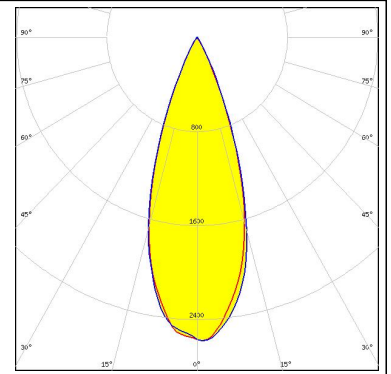
LED LUXEON MZ  
FWHM 33.0°  
Efficiency 93 %  
Peak intensity 3.060 cd/lm  
Required components:



## PHOTOMETRIC DATA (SIMULATED):



LED NFMW48xA  
FWHM 36.0°  
Efficiency 93 %  
Peak intensity 2.600 cd/lm  
Required components:





### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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