

## SHELLY-T-6X1-N

Asymmetric square beam for illuminating near field shelf objects and floor/ground areas in larger environments

### SPECIFICATION:

Dimensions	119.8 x 19.6 mm
Height	7 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ



### MATERIALS:

Component	Type	Material	Colour	Finish
SHELLY-T-6X1-N	Linear lens	PMMA	clear	

### ORDERING INFORMATION:

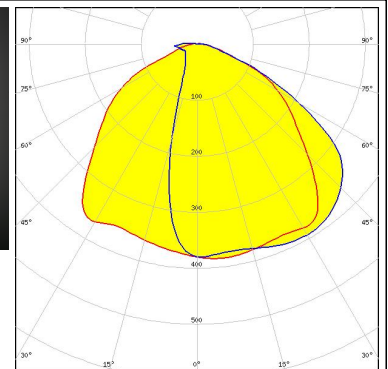
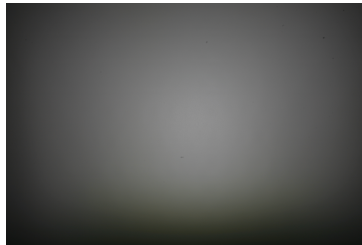
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14275_SHELLY-T-6X1-N » Box size: 480 x 280 x 300 mm	728	28	28	6.8



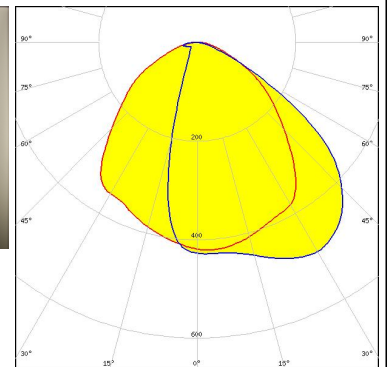
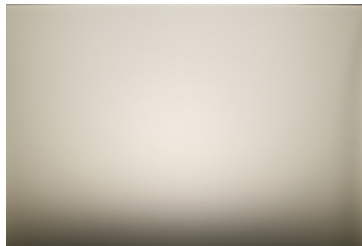
#### OPTICAL RESULTS (MEASURED):



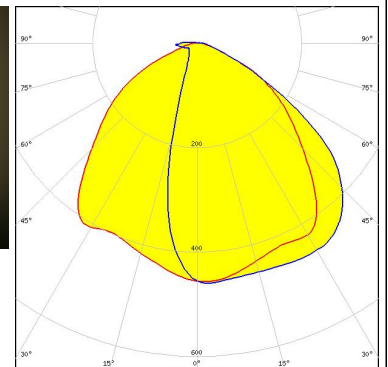
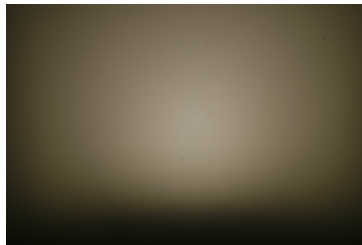
LED XB-D  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



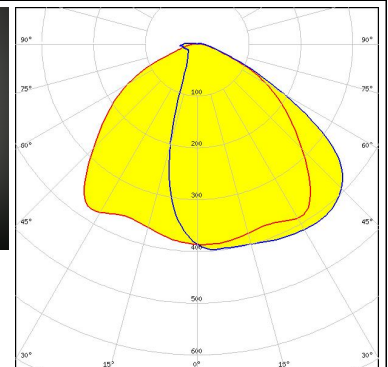
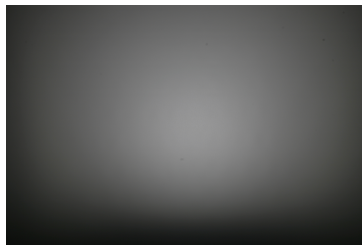
LED XQ-E HD  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON Rebel  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



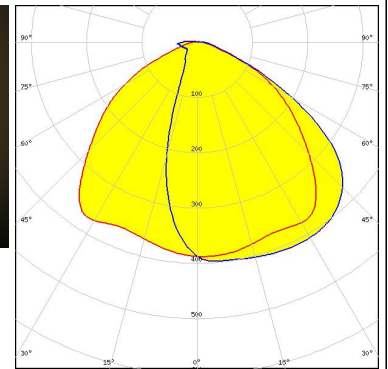
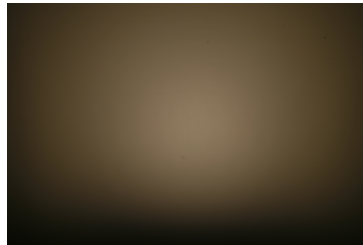
LED LUXEON Rebel ES  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (MEASURED):

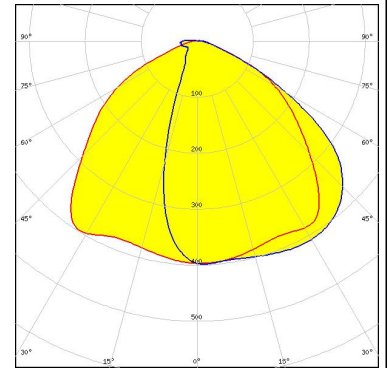
##### LUMILEDS

LED LUXEON T  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



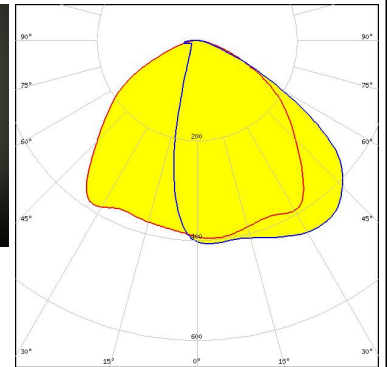
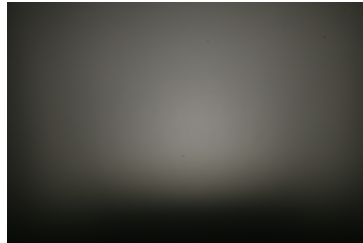
##### LUMILEDS

LED LUXEON TX  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



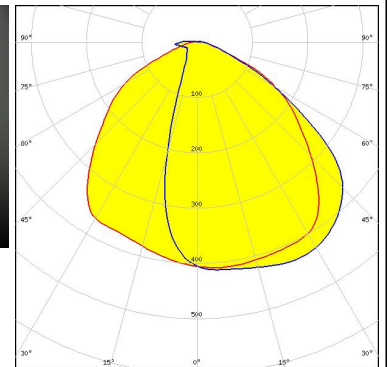
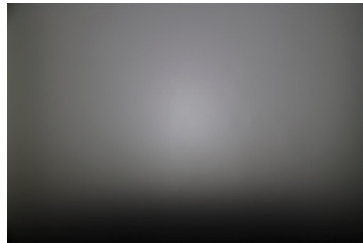
##### LUMILEDS

LED LUXEON Z ES  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

LED NCSxx19A  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

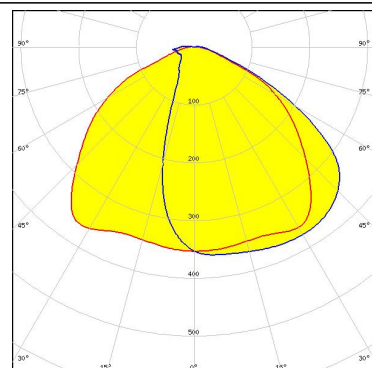




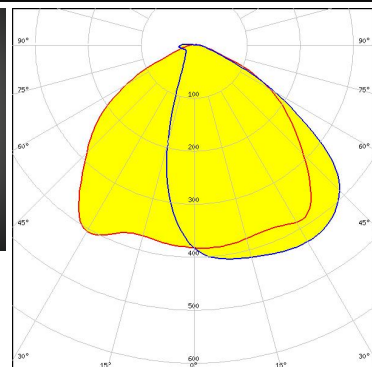
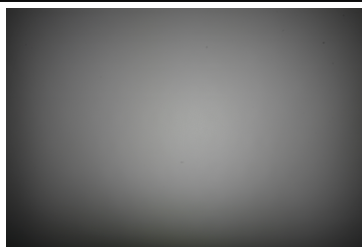
#### OPTICAL RESULTS (MEASURED):



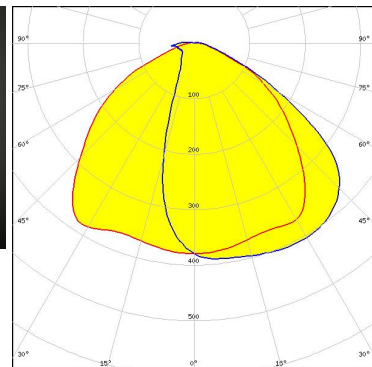
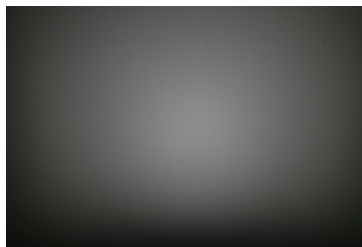
LED NCSxx19B  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



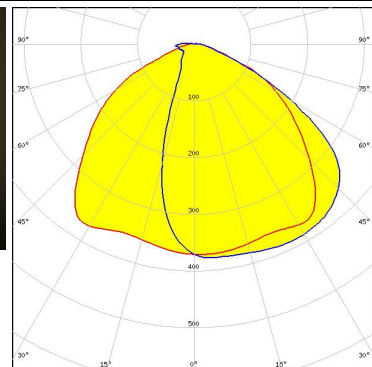
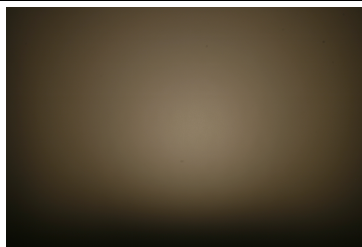
LED NF2x757A  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



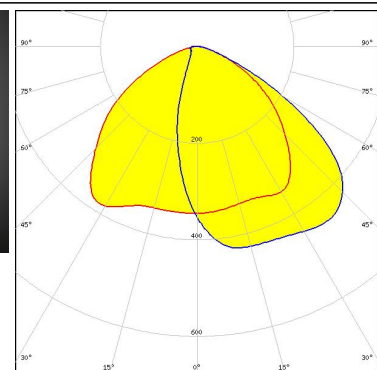
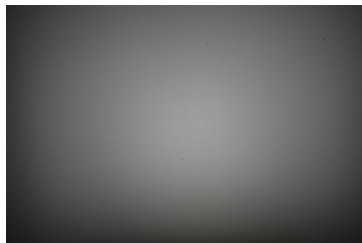
LED NVSxx19B/NVSxx19C  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

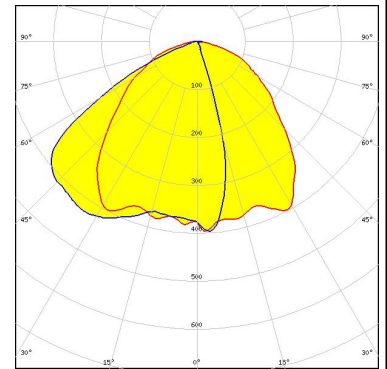
LED Duris S5 (2 chip)  
FWHM / FWTM Asymmetric  
Efficiency 93 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



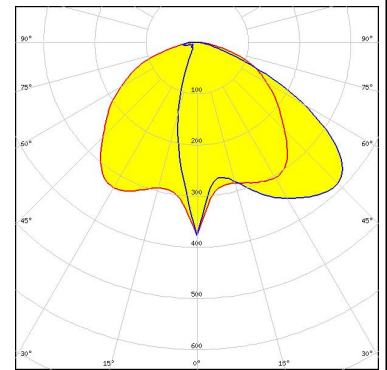
#### OPTICAL RESULTS (SIMULATED):



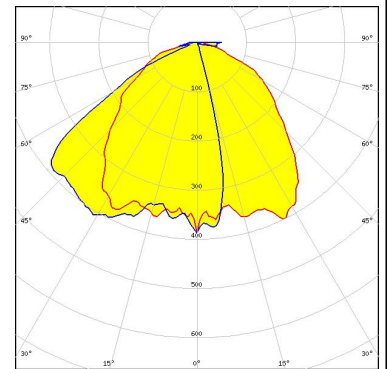
LED XP-E  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



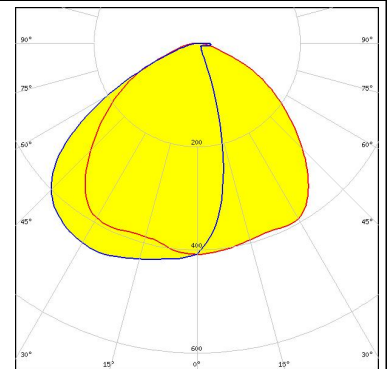
LED XQ-D  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XQ-E HI  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



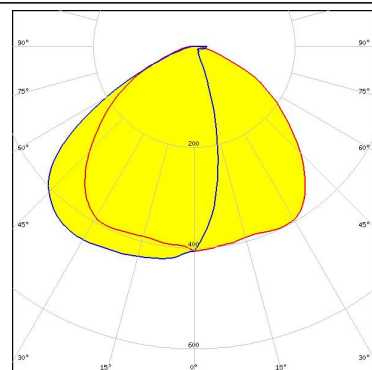
LED LUXEON 2835 Line  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

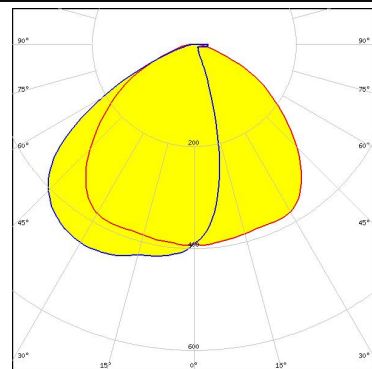
##### LUMILEDS

LED LUXEON 3030 HE Plus  
FWHM / FWTM Asymmetric  
Efficiency 95 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



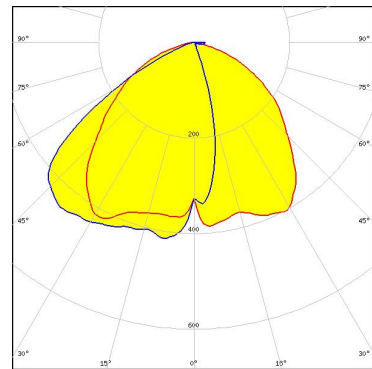
##### LUMILEDS

LED LUXEON 3535L  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

LED NF2x757G  
FWHM / FWTM Asymmetric  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
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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