

## FLARE-MINI-A-PIN

~100° x 20° oval beam. Assembly with location pins and installation tape.

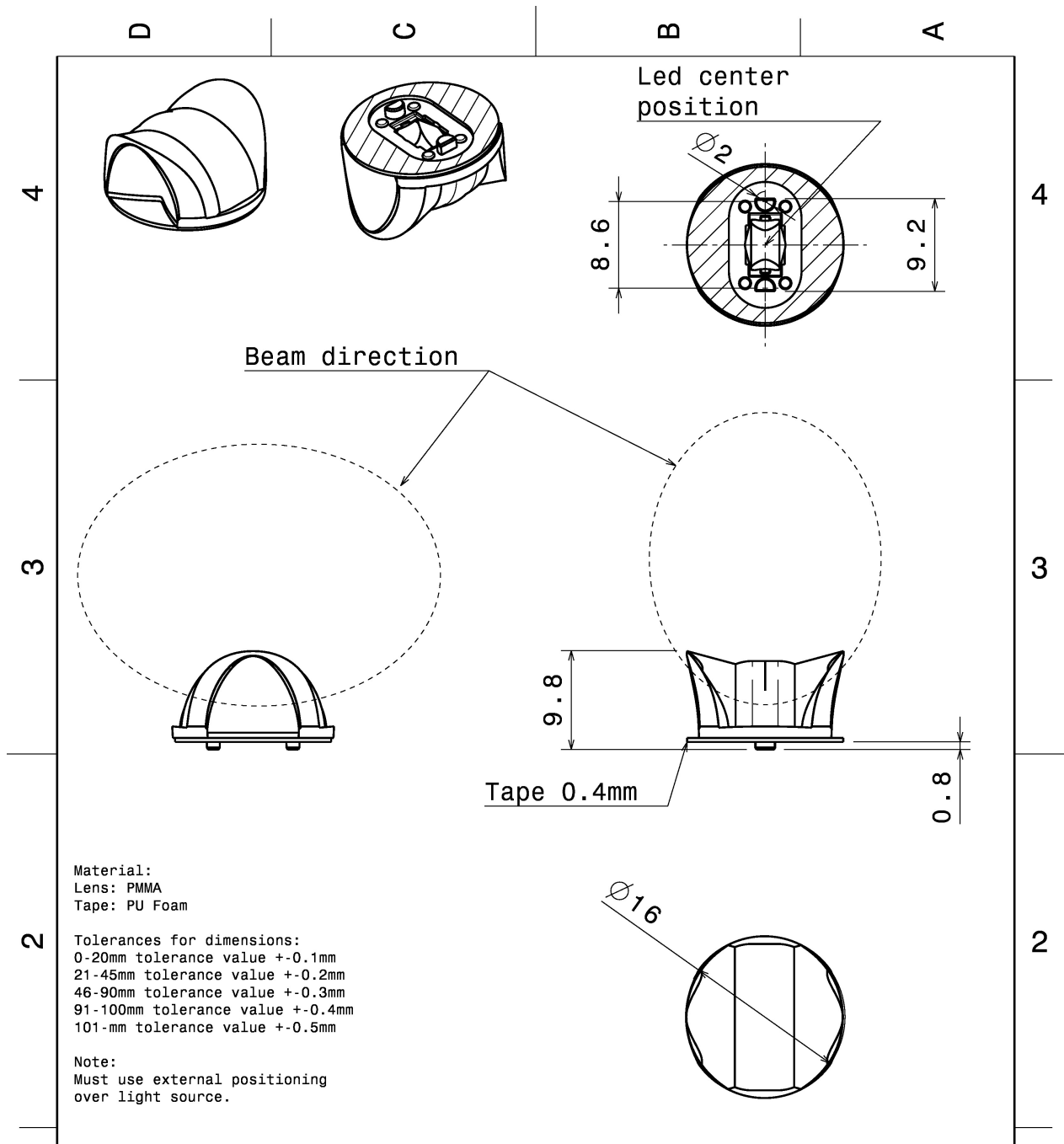
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16 mm
Height	9.1 mm
Fastening	tape, pin
Colour	clear
Box size	460 x 250 x 300 mm
Box weight	7.4 kg
Quantity in Box	4600 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
FLARE-MINI-A-PIN	Lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	black

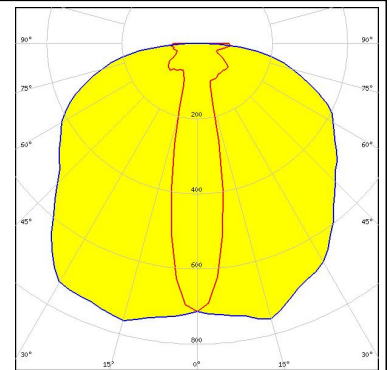
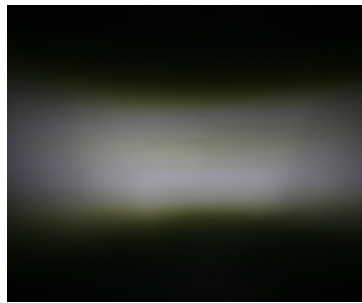


This drawing is our property. It can't be reproduced or communicated without our written agreement.				LediL Oy Salorankatu 10 FIN 24240 SALO Finland	
<b>DRAWING TITLE</b>					
DRAWN BY jk		DATE 20151005		<b>Datasheet Flare-Mini-A-PIN Assy</b>	
CHECKED BY		DATE		DRAWING NUMBER <b>CA12838</b>	
DESIGNED BY pl		DATE 27.02.2012		REV	
SIZE <b>A4</b>		SCALE <b>2:1</b>		WEIGHT <b>1,3g</b>	
				SHEET <b>1/1</b>	

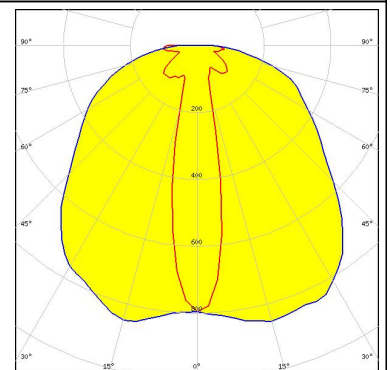
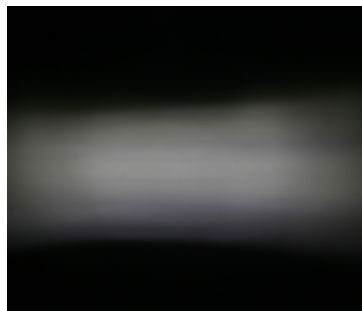
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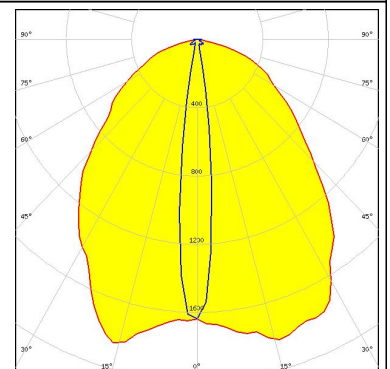
LED XB-D  
 FWHM 130.0 + 21.0°  
 Efficiency 94 %  
 Peak intensity 0.800 cd/lm  
 Required components:



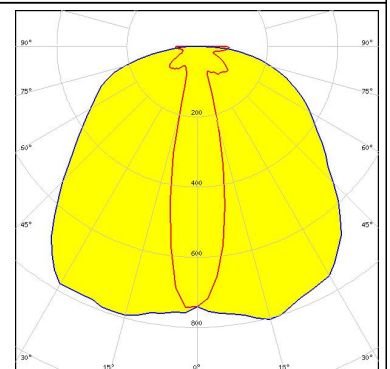
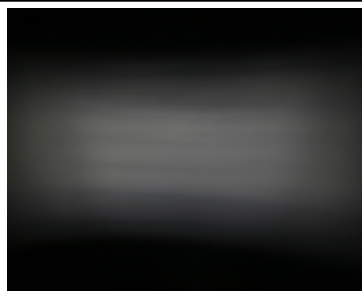
LED XP-E  
 FWHM 113.0 + 20.0°  
 Efficiency 94 %  
 Peak intensity 0.900 cd/lm  
 Required components:



LED XP-E2  
 FWHM 93.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 1.800 cd/lm  
 Required components:



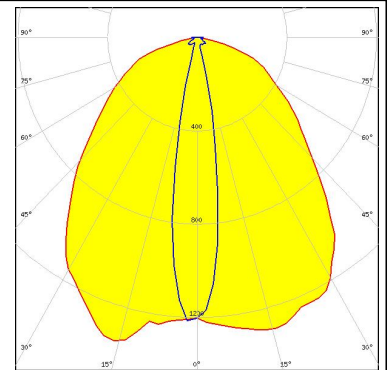
LED XP-G  
 FWHM 114.0 + 22.0°  
 Efficiency 94 %  
 Peak intensity 0.800 cd/lm  
 Required components:



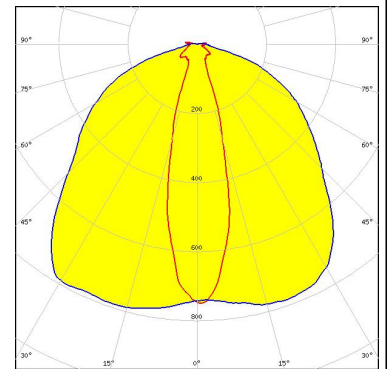
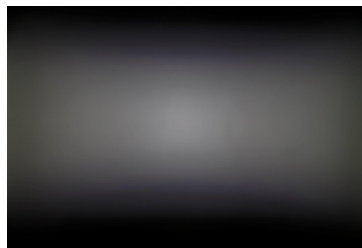
#### PHOTOMETRIC DATA (MEASURED):



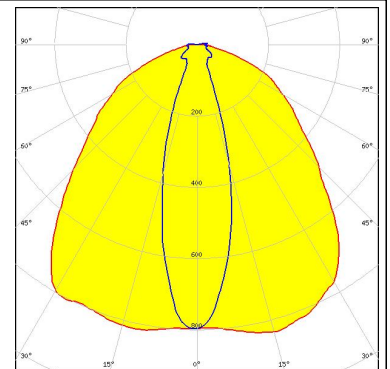
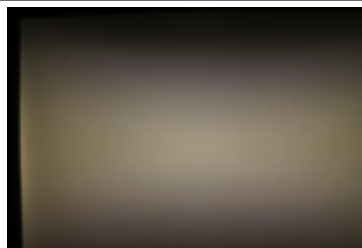
LED XP-G2  
 FWHM 94.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 1.300 cd/lm  
 Required components:



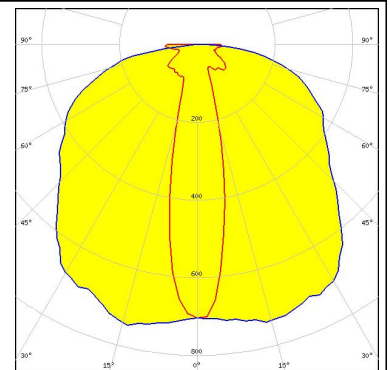
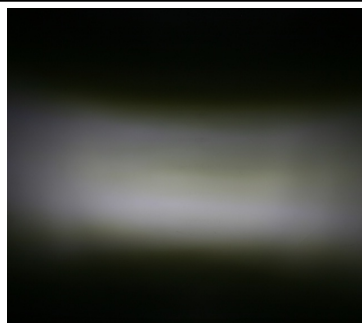
LED XP-L  
 FWHM 113.0 + 25.0°  
 Efficiency 90 %  
 Peak intensity 0.790 cd/lm  
 Required components:



LED XP-L2  
 FWHM 100.0 + 28.0°  
 Efficiency 94 %  
 Peak intensity 0.840 cd/lm  
 Required components:



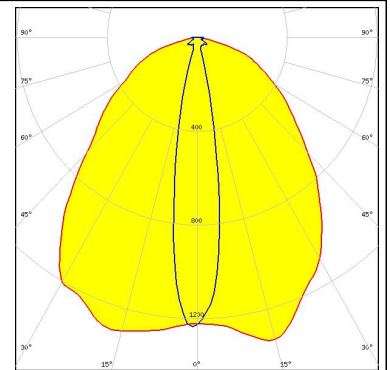
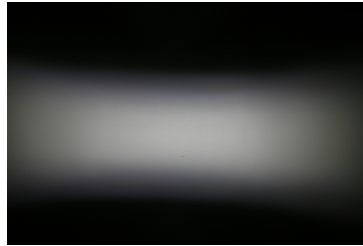
LED XT-E  
 FWHM 124.0 + 22.0°  
 Efficiency 94 %  
 Peak intensity 0.700 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

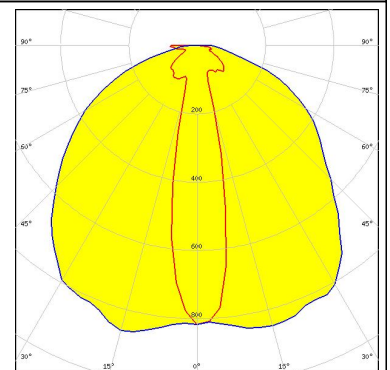
##### LG Innotek

LED H35C1 (LEMWA33)  
 FWHM 96.0 + 18.0°  
 Efficiency 94 %  
 Peak intensity 1.320 cd/lm  
 Required components:



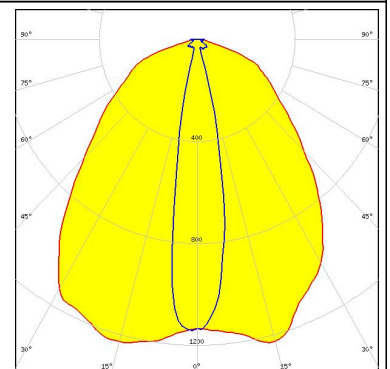
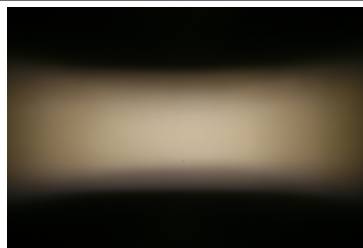
##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 110.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 0.900 cd/lm  
 Required components:



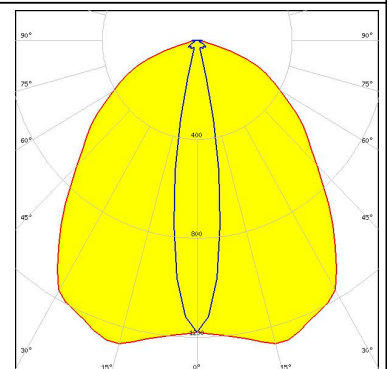
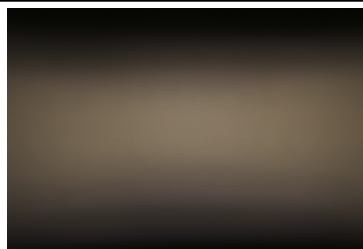
##### LUMILEDS

LED LUXEON T  
 FWHM 95.0 + 19.0°  
 Efficiency 93 %  
 Peak intensity 1.300 cd/lm  
 Required components:



##### LUMILEDS

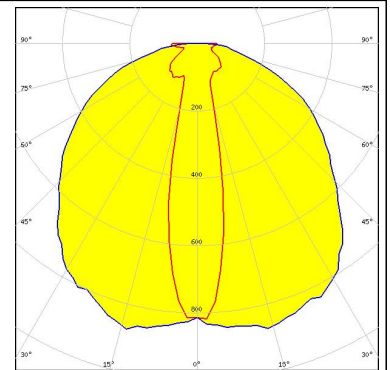
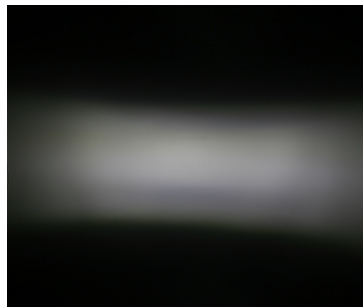
LED LUXEON TX  
 FWHM 93.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 1.300 cd/lm  
 Required components:



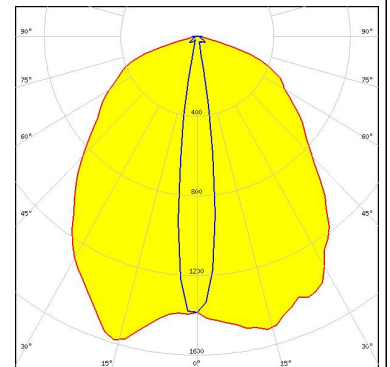
#### PHOTOMETRIC DATA (MEASURED):



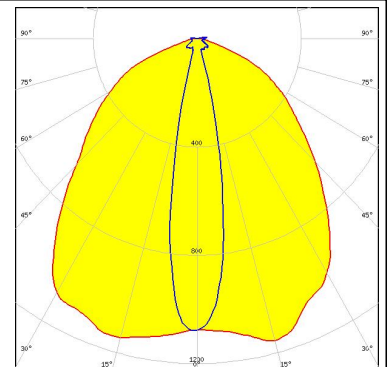
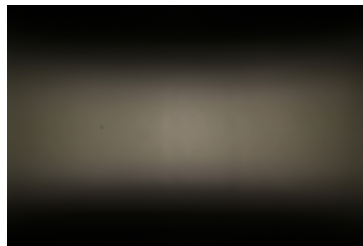
LED NCSxx19A  
 FWHM 112.0 + 20.0°  
 Efficiency 94 %  
 Peak intensity 0.900 cd/lm  
 Required components:



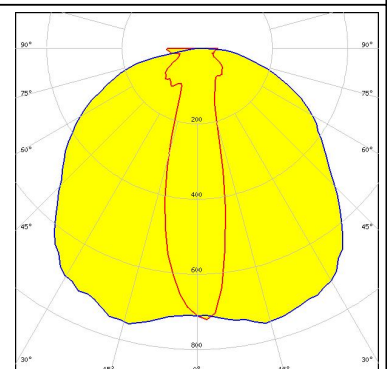
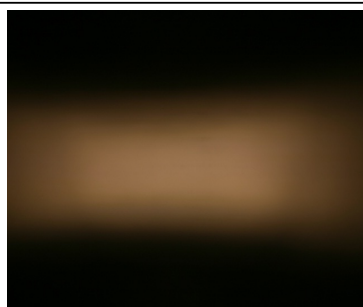
LED NCSxx19B  
 FWHM 95.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 1.600 cd/lm  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM 101.0 + 20.0°  
 Efficiency 94 %  
 Peak intensity 1.200 cd/lm  
 Required components:



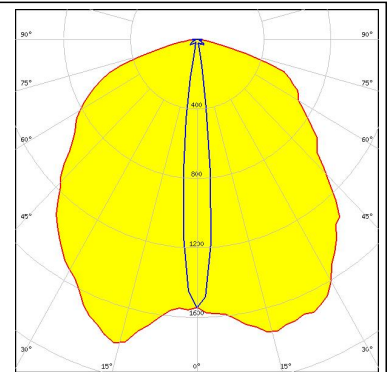
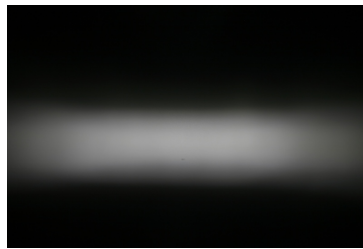
LED Oslon Square PC  
 FWHM 116.0 + 22.0°  
 Efficiency 94 %  
 Peak intensity 0.800 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

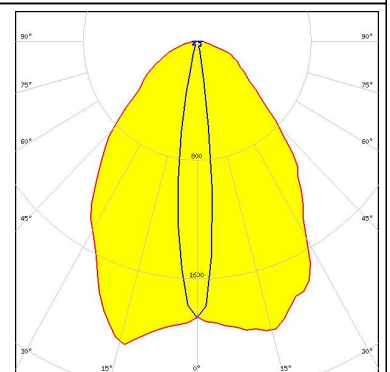
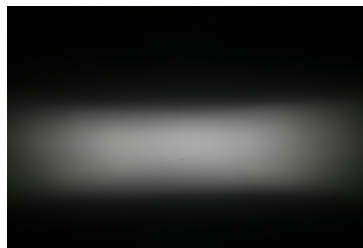
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 106.0 + 11.0°  
Efficiency 93 %  
Peak intensity 1.700 cd/lm  
Required components:



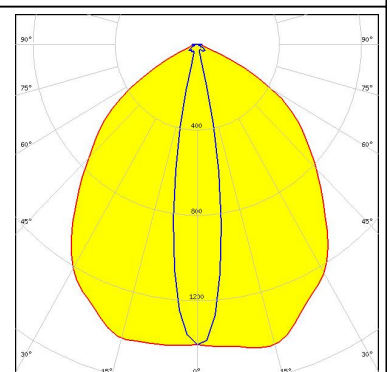
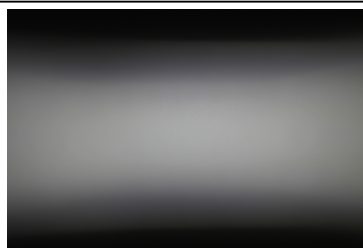
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 84.0 + 12.0°  
Efficiency 93 %  
Peak intensity 2.000 cd/lm  
Required components:



**SAMSUNG**

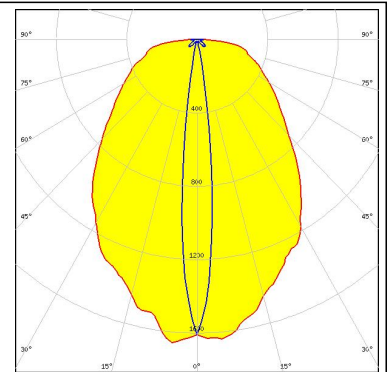
LED LH351Z  
FWHM 95.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.500 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

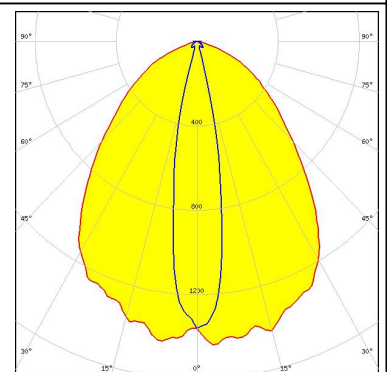
##### LUMILEDS

LED LUXEON C  
FWHM 11.0 + 84.0°  
Efficiency 92 %  
Peak intensity 1.600 cd/lm  
Required components:



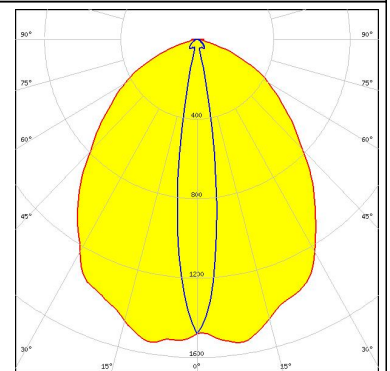
##### LUMILEDS

LED LUXEON H50-2  
FWHM 18.0 + 86.0°  
Efficiency 93 %  
Peak intensity 1.450 cd/lm  
Required components:



##### NICHIA

LED NVSxE21A  
FWHM 91.0 + 16.0°  
Efficiency 94 %  
Peak intensity 1.540 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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#### LEDiL Oy

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#### Local sales and technical support

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#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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