

## FLARE-MINI-AD-PIN

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

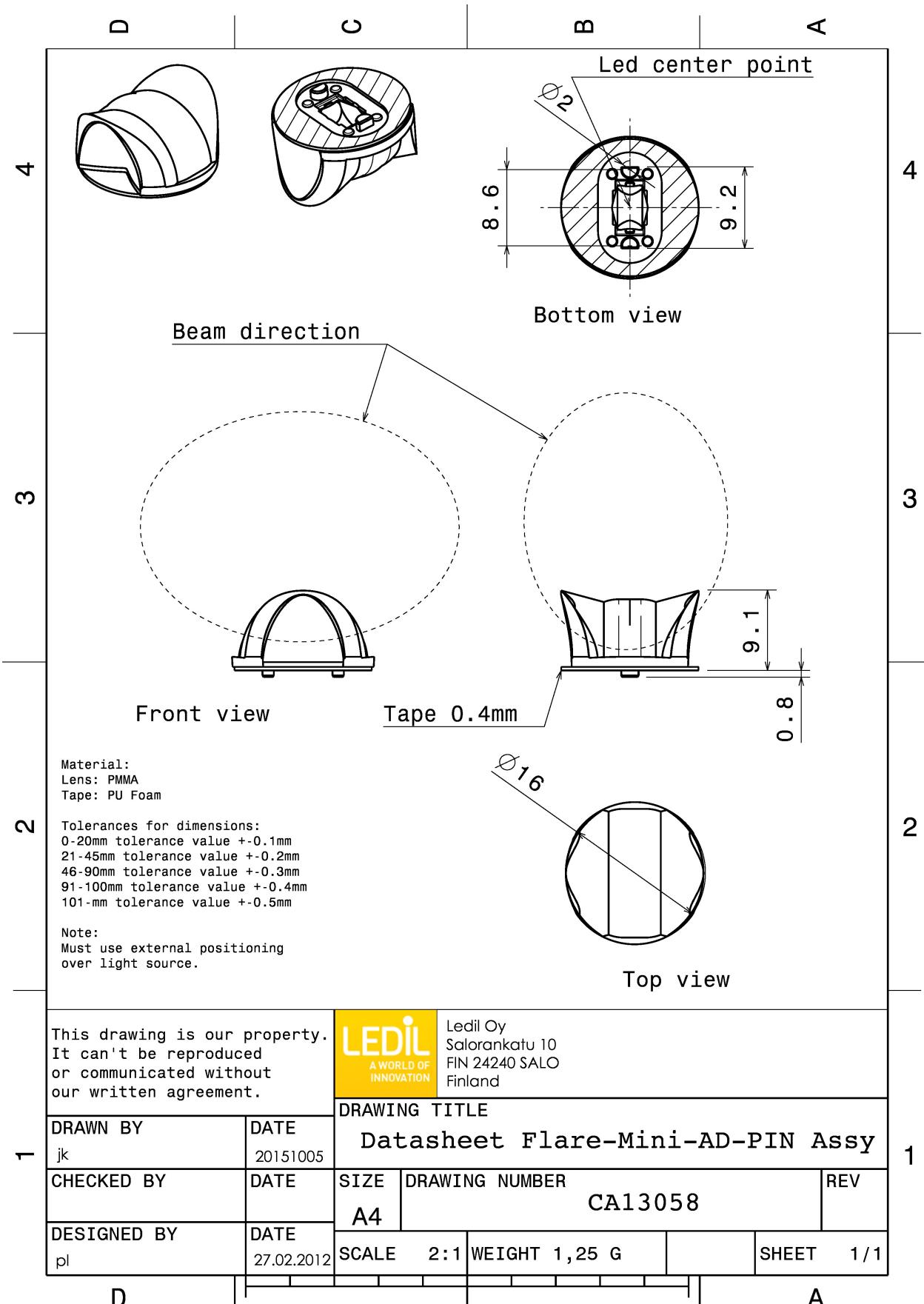
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape, pin
Colour	clear
Box size	
Box weight	6.9 kg
Quantity in Box	4600 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

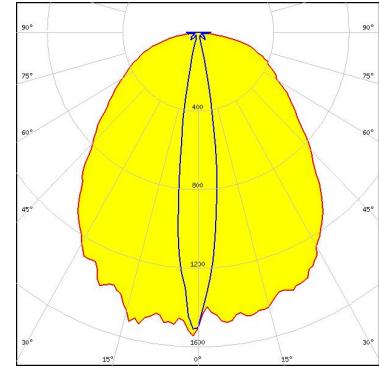
Component	Type	Material	Colour
FLARE-MINI-AD-PIN	Single lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	



### PHOTOMETRIC DATA (MEASURED):

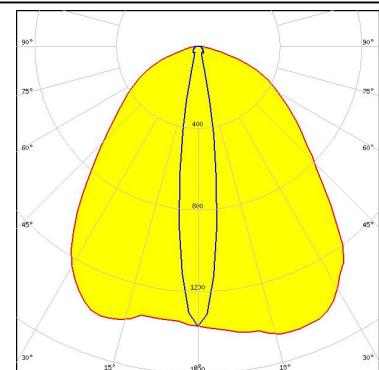
**CREE** 

LED XB-D  
FWHM 100.0 + 16.0°  
Efficiency 93 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



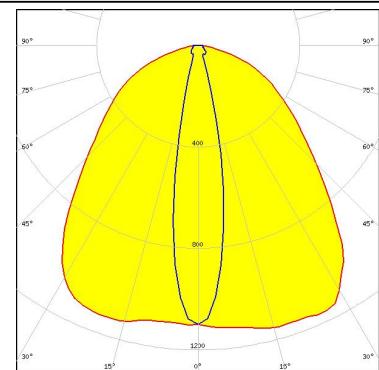
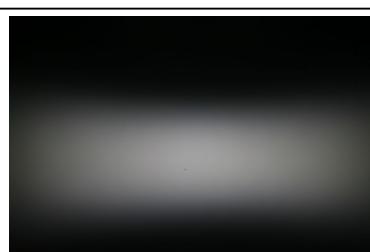
**CREE** 

LED XP-E2  
FWHM 90.0 + 16.0°  
Efficiency 94 %  
Peak intensity 1.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** 

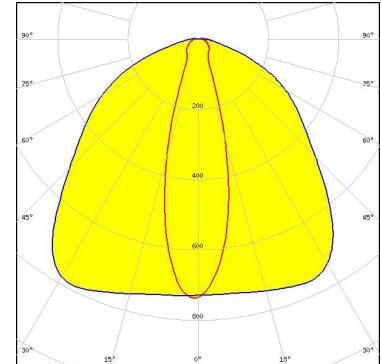
LED XP-G  
FWHM 100.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

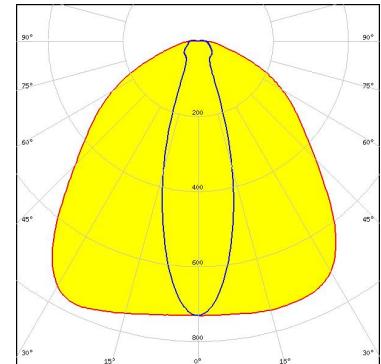
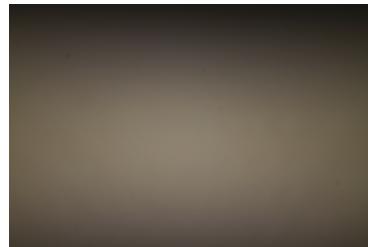
**CREE** 

LED XP-L HD  
FWHM 108.0 + 27.0°  
Efficiency 92 %  
Peak intensity 0.780 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



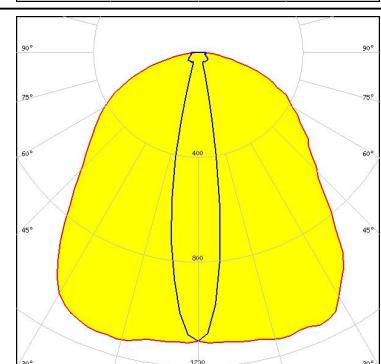
**CREE** 

LED XP-L2  
FWHM 102.0 + 29.0°  
Efficiency 94 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



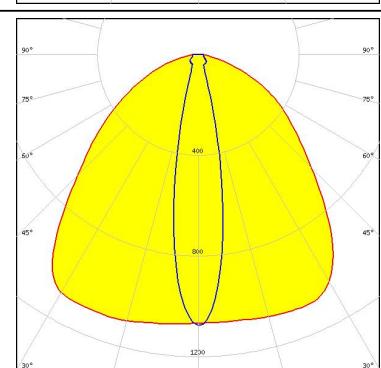
**CREE** 

LED XT-E  
FWHM 104.0 + 19.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



 **LG Innotek**

LED H35C1 (LEMWA33)  
FWHM 100.0 + 20.0°  
Efficiency 93 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

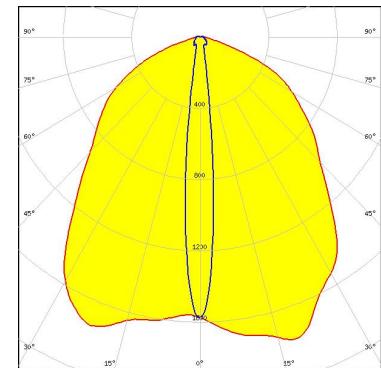
#### LUMILEDS

LED LUXEON A  
FWHM 92.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



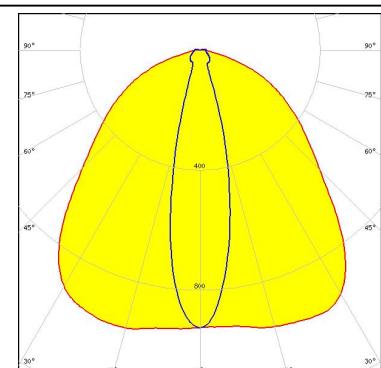
#### LUMILEDS

LED LUXEON CZ  
FWHM 102.0 + 12.0°  
Efficiency 94 %  
Peak intensity 1.800 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



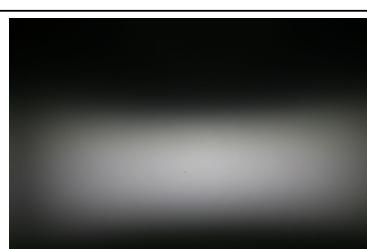
#### NICHIA

LED NVSW219F  
FWHM 100.0 + 24.0°  
Efficiency 94 %  
Peak intensity 0.970 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

LED NVSxx19A  
FWHM 100.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

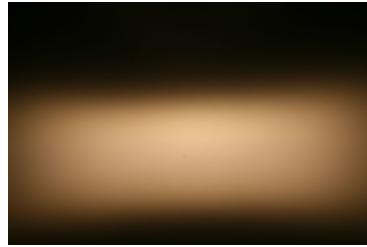


### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

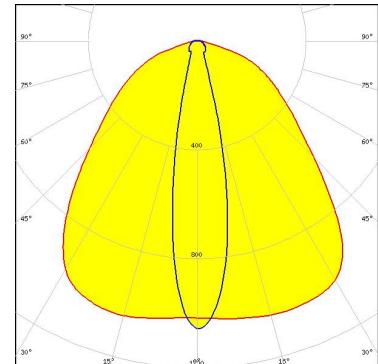
Opto Semiconductors

LED OSLON Square EC  
FWHM 92.0 + 21.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



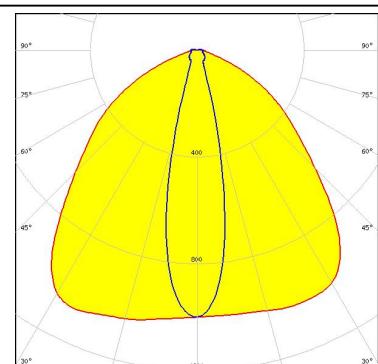
#### PHILIPS

LED Fortimo FastFlex 2x8 DS G3  
FWHM 96.0 + 21.0°  
Efficiency 93 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



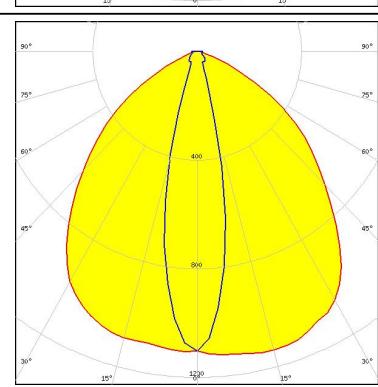
#### SAMSUNG

LED LH351B  
FWHM 101.0 + 24.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

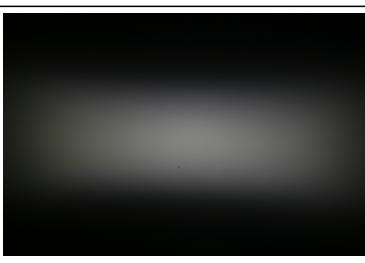
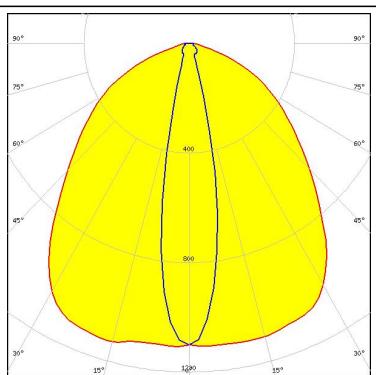
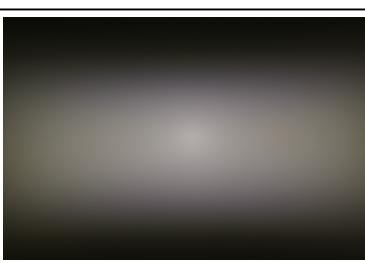
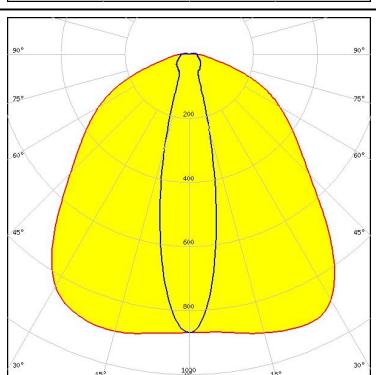
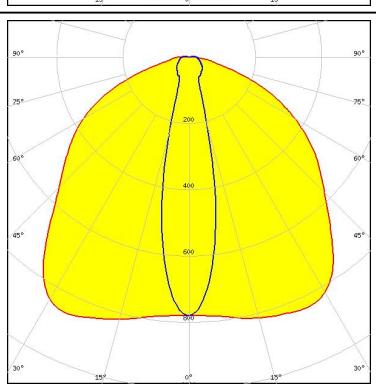


#### SAMSUNG

LED LH351Z  
FWHM 99.0 + 24.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



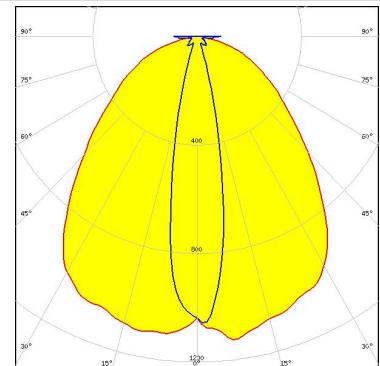
### PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR	LED Z5M1/Z5M2 FWHM 99.0 + 22.0° Efficiency 94 % Peak intensity cd/lm LEDs/each optic 1 Light colour White Required components:		
 SEOUL SEMICONDUCTOR	LED Z5M3 FWHM 102.0 + 23.0° Efficiency 94 % Peak intensity 0.920 cd/lm LEDs/each optic 1 Light colour White Required components:		
 SEOUL SEMICONDUCTOR	LED Z8Y22P FWHM 117.0 + 23.0° Efficiency 93 % Peak intensity 0.860 cd/lm LEDs/each optic 1 Light colour White Required components:		

### PHOTOMETRIC DATA (SIMULATED):

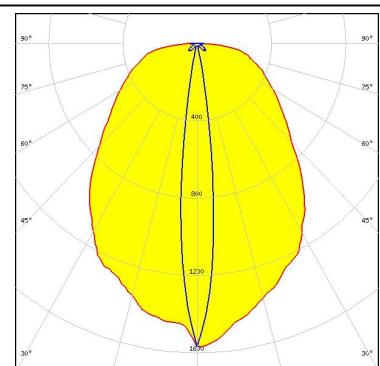
#### CREE

LED XP-G3  
FWHM 93.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.130 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

LED LUXEON C  
FWHM 13.0 + 86.0°  
Efficiency 93 %  
Peak intensity 1.570 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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