

FLARE-MINI-AD-PIN

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

SPECIFICATION:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

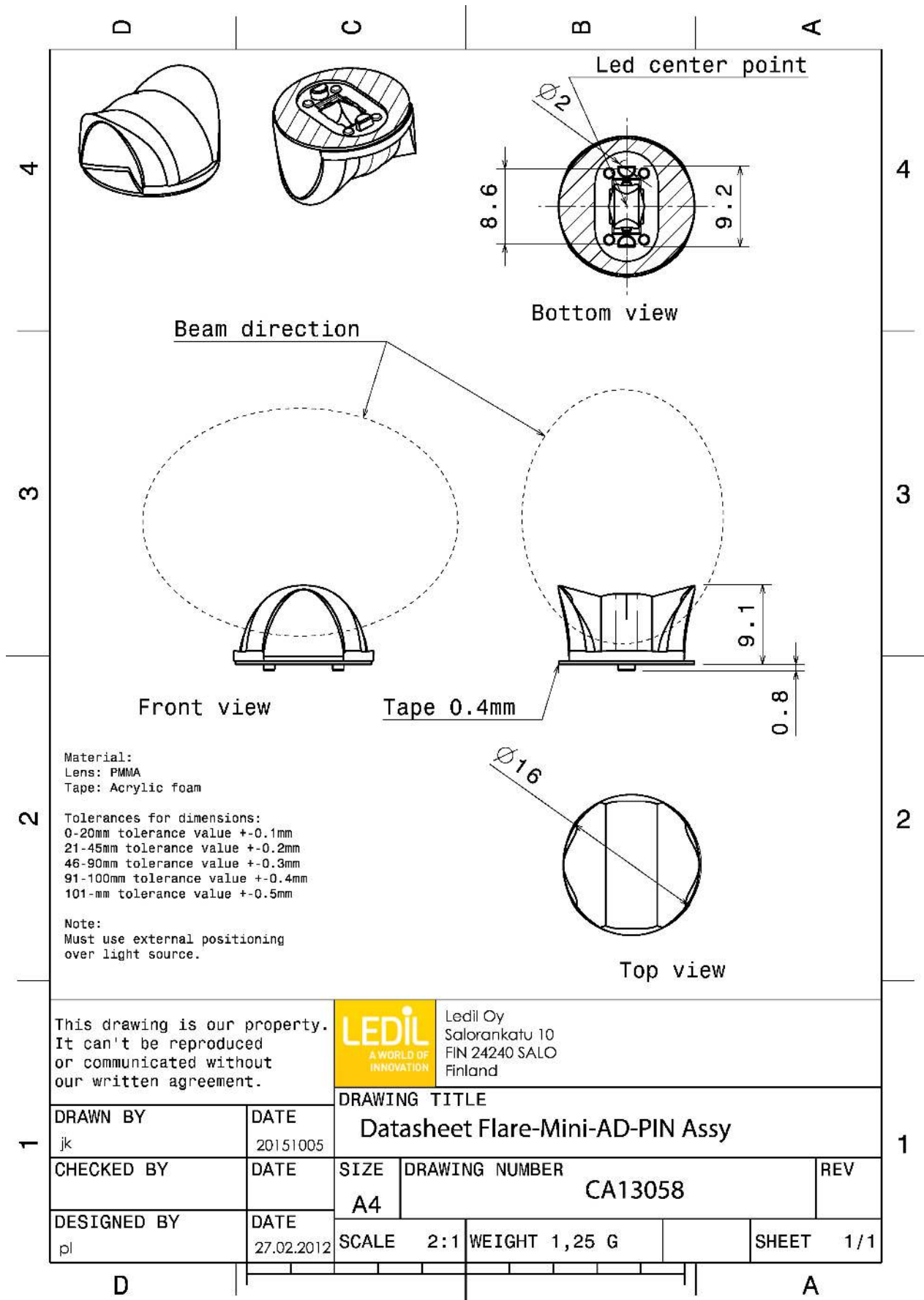


MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-MINI-AD-PIN	Single lens	PMMA	clear	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13058_FLARE-MINI-AD-PIN	Single lens	4600	230	230	6.9
» Box size:					

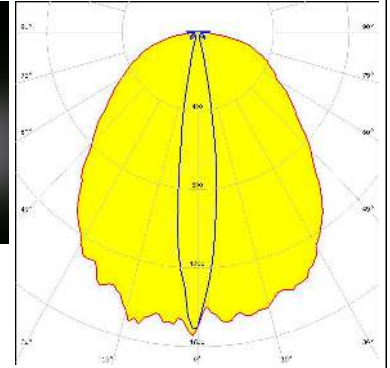


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

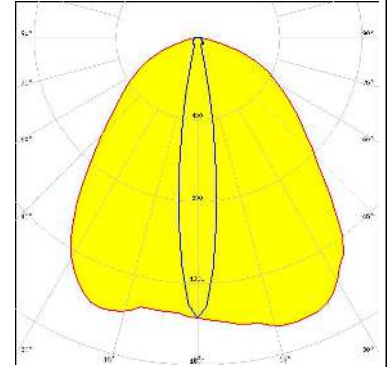
CREE → LED

LED XB-D
 FWHM / FWTM 100.0 + 16.0° / 160.0 + 31.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



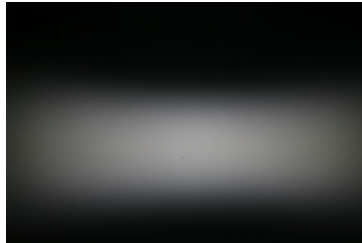
CREE → LED

LED XP-E2
 FWHM / FWTM 90.0 + 16.0° / 150.0 + 30.0°
 Efficiency 94 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



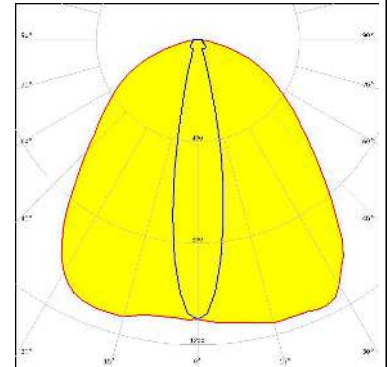
CREE → LED

LED XP-G
 FWHM / FWTM 100.0 + 20.0° / 156.0 + 34.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

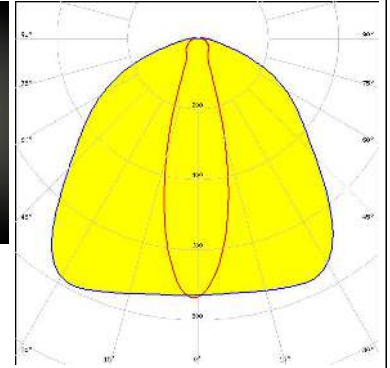
LED XP-G2
 FWHM / FWTM 95.0 + 21.0° / 151.0 + 37.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

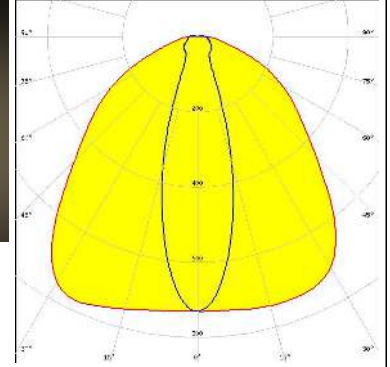
CREE LED

LED XP-L HD
 FWHM / FWTM 108.0 + 27.0° / 154.0 + 51.0°
 Efficiency 92 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



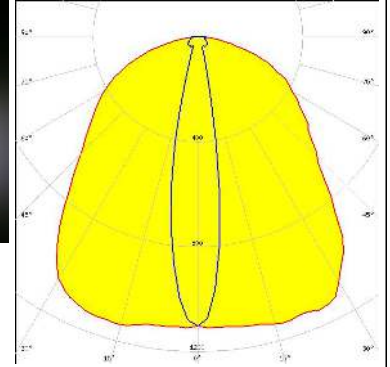
CREE LED

LED XP-L2
 FWHM / FWTM 102.0 + 29.0° / 154.0 + 54.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



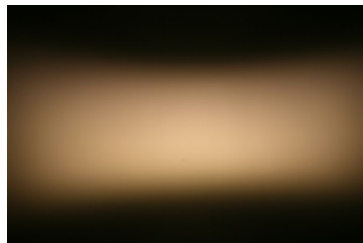
CREE LED

LED XT-E
 FWHM / FWTM 104.0 + 19.0° / 164.0 + 36.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

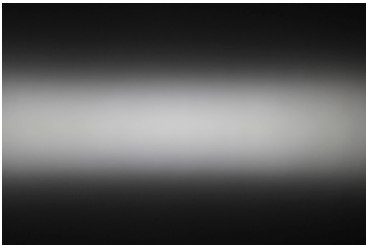
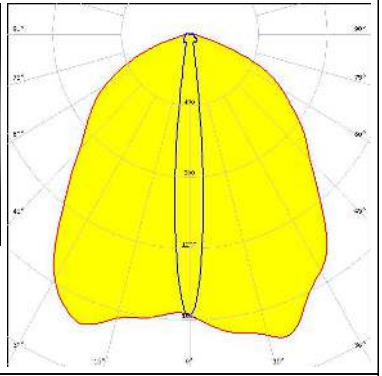

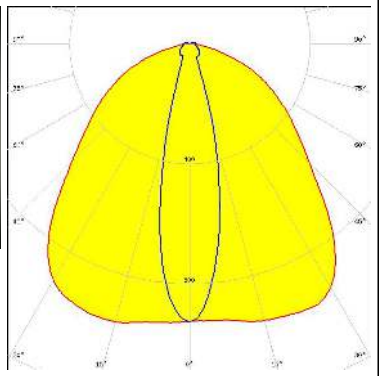
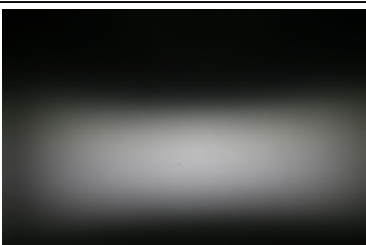
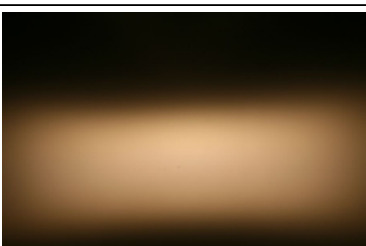


LUMILEDS

LED LUXEON A
 FWHM / FWTM 92.0 + 20.0° / 148.0 + 36.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



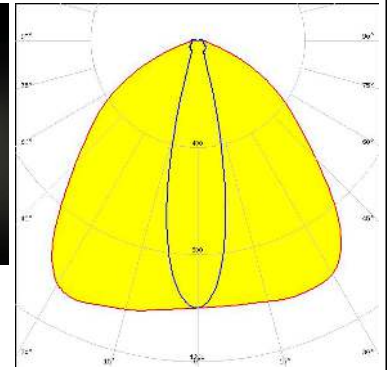
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CZ</p> <p>FWHM / FWTM 102.0 + 12.0° / 146.0 + 25.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSW219F</p> <p>FWHM / FWTM 100.0 + 24.0° / 149.0 + 42.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 100.0 + 20.0° / 147.0 + 34.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square EC</p> <p>FWHM / FWTM 92.0 + 21.0° / 148.0 + 36.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

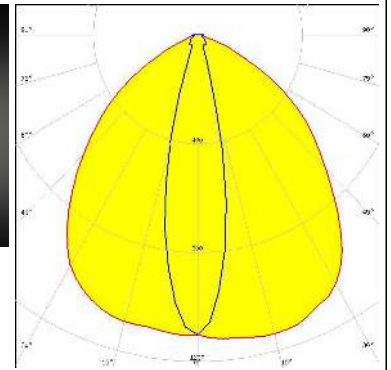
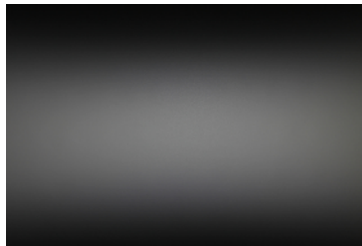
SAMSUNG

LED LH351B
 FWHM / FWTM 101.0 + 24.0° / 142.0 + 40.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

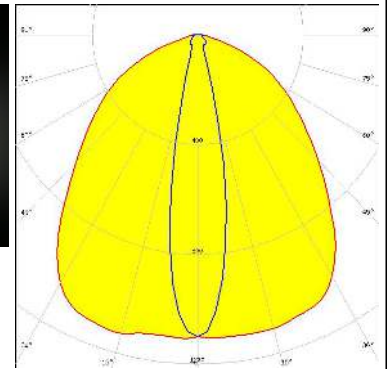
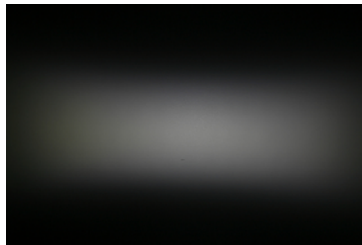


SAMSUNG

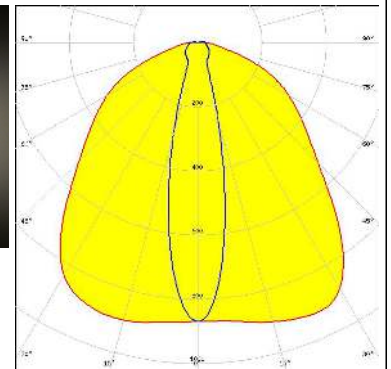
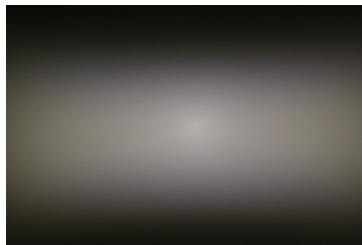
LED LH351Z
 FWHM / FWTM 99.0 + 24.0° / 135.0 + 41.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Z5M1/Z5M2
 FWHM / FWTM 99.0 + 22.0° / 147.0 + 38.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



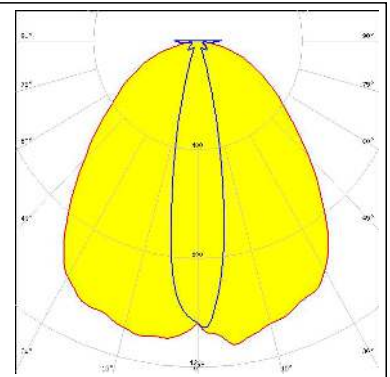
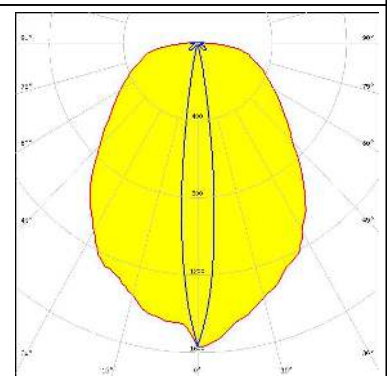
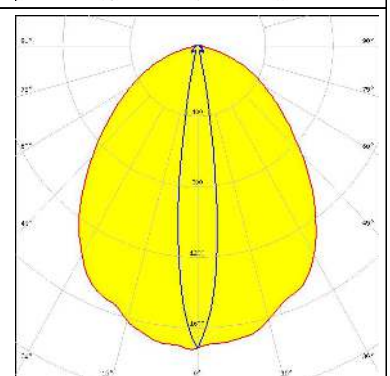
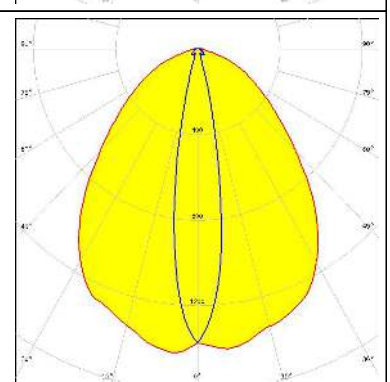
LED Z5M3
 FWHM / FWTM 102.0 + 23.0° / 154.0 + 45.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XP-G3 FWHM / FWTM: 93.0 + 20.0° / 151.0 + 37.0° Efficiency: 94 % Peak intensity: 1.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON C FWHM / FWTM: 13.0 + 86.0° / 23.0 + 167.0° Efficiency: 93 % Peak intensity: 1.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Z ES FWHM / FWTM: 90.0 + 14.0° / 144.0 + 26.0° Efficiency: 96 % Peak intensity: 1.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: 88.0 + 18.0° / 142.0 + 32.0° Efficiency: 95 % Peak intensity: 1.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

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

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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