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:

Led center point

Ø2

8.6

9.2

Bottom view

Beam direction

3

Front view

Tape 0.4mm

9.1

0.8

Ø16

Top view

Material:
Lens: PMMA
Tape: Acrylic foam

Tolerances for dimensions:
0-20mm tolerance value +-0.1mm
21-45mm tolerance value +-0.2mm
46-90mm tolerance value +-0.3mm
91-100mm tolerance value +-0.4mm
101-mm tolerance value +-0.5mm

Note:
Must use external positioning
over light source.

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A WORLD OF
INNOVATION

DRAWING TITLE				
Datasheet Flare-Mini-AD-PIN Assy				
DRAWN BY	DATE			
jk	20151005			
CHECKED BY	DATE	SIZE	DRAWING NUMBER	REV
		A4	CA13058	
DESIGNED BY	DATE	SCALE 2:1	WEIGHT 1,25 G	SHEET 1/1
pl	27.02.2012			

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

OPTICAL RESULTS (MEASURED):

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:	
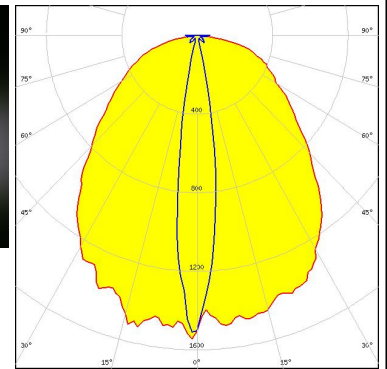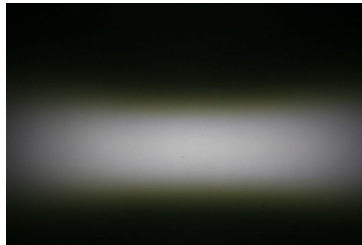
LED	XP-E2
FWHM / FWTM	90.0 + 16.0° / 150.0 + 30.0°
Efficiency	94 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
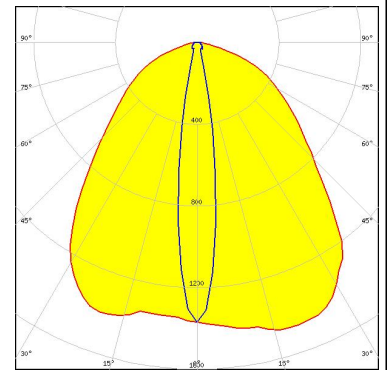
LED	XP-G
FWHM / FWTM	100.0 + 20.0° / 156.0 + 34.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
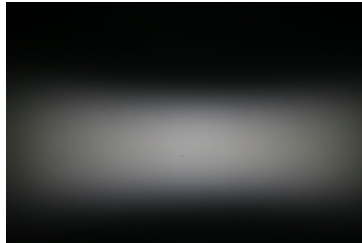
LED	XP-G2
FWHM / FWTM	95.0 + 21.0° / 151.0 + 37.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (MEASURED):

CREE LEDs
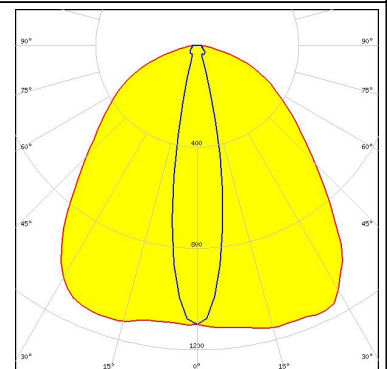
LED	XP-G4
FWHM / FWTM	97.0 + 22.0° / 133.0 + 39.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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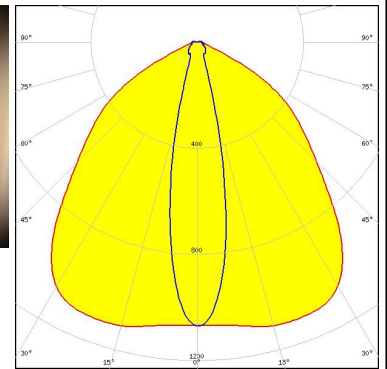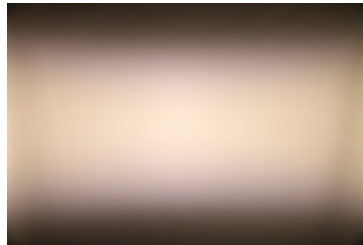
LED	XP-L HD
FWHM / FWTM	108.0 + 27.0° / 154.0 + 51.0°
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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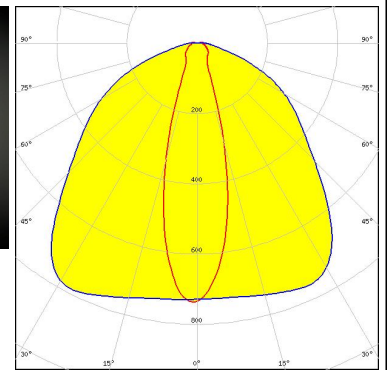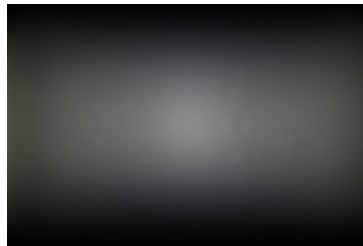
LED	XP-L2
FWHM / FWTM	102.0 + 29.0° / 154.0 + 54.0°
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs
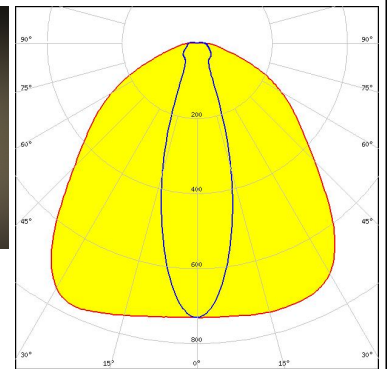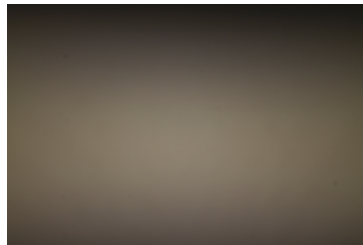
LED	XT-E
FWHM / FWTM	104.0 + 19.0° / 164.0 + 36.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
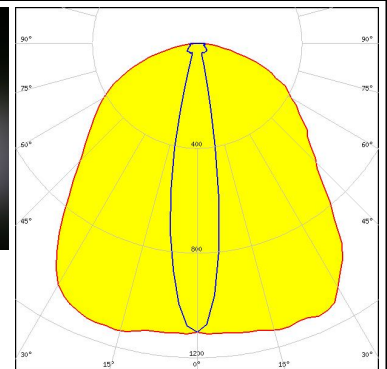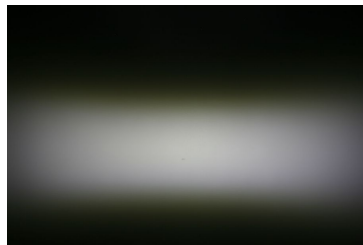
OPTICAL RESULTS (MEASURED):

LUMILEDS

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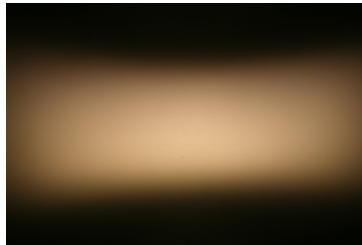
LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	102.0 + 12.0° / 146.0 + 25.0°
Efficiency	94 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
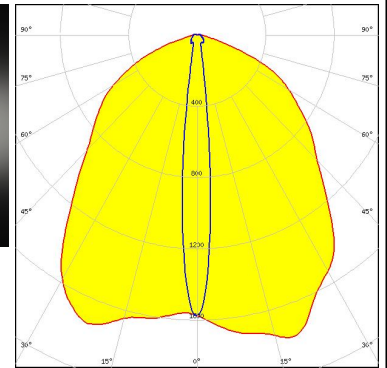
NICHIA

LED	NVSW219F
FWHM / FWTM	100.0 + 24.0° / 149.0 + 42.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
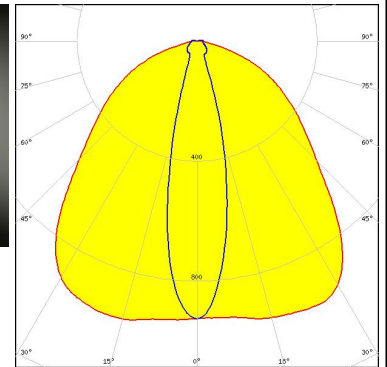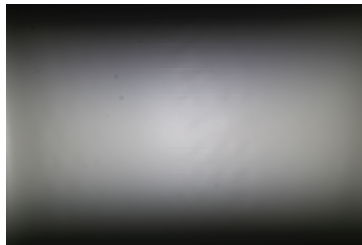
NICHIA

LED	NVSxx19A
FWHM / FWTM	100.0 + 20.0° / 147.0 + 34.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
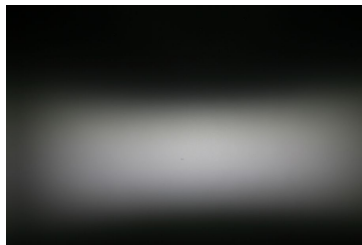
OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	92.0 + 21.0° / 148.0 + 36.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
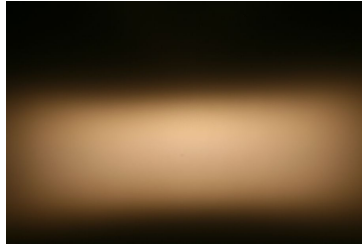
SAMSUNG

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:	
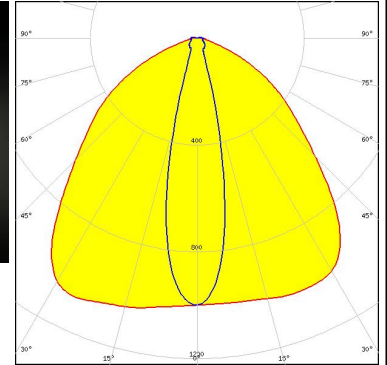
SAMSUNG

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:	
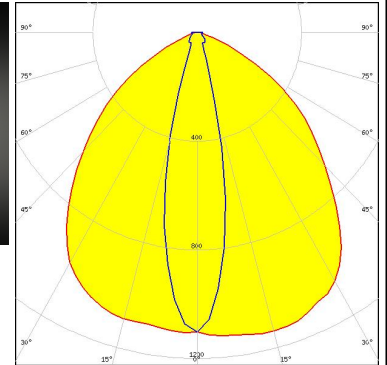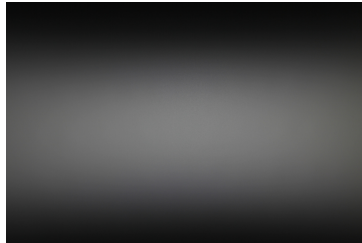
SEOUL SEMICONDUCTOR

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

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR	
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:	

SEOUL SEMICONDUCTOR	
LED	Z8Y22P
FWHM / FWTM	117.0 + 23.0° / 156.0 + 45.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

CREE LEDs

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:	

LUMILEDS
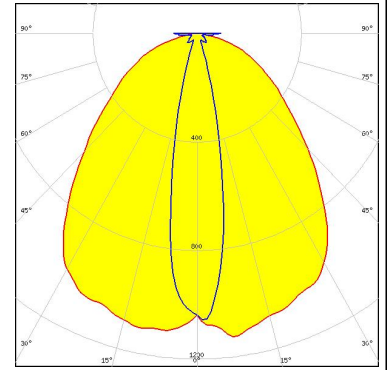
LED	LUXEON C
FWHM / FWTM	13.0 + 86.0° / 23.0 + 167.0°
Efficiency	93 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS
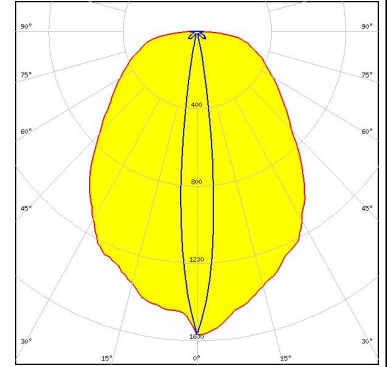
LED	LUXEON Z ES
FWHM / FWTM	90.0 + 14.0° / 144.0 + 26.0°
Efficiency	96 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors
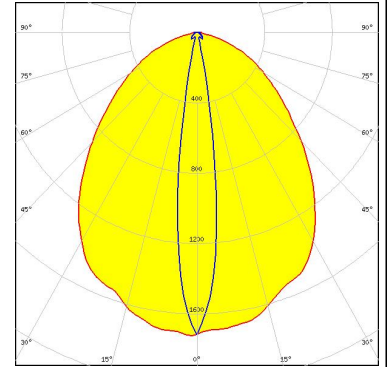
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	88.0 + 18.0° / 142.0 + 32.0°
Efficiency	95 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	