

EMMA-360

~170° side emitter

SPECIFICATION:

Dimensions	9.9 x 9.9 mm
Height	5.7 mm
Fastening	glue, pin
ROHS compliant	yes 🛈



PRODUCT DATASHEET C13055_EMMA-360

MATERIALS:

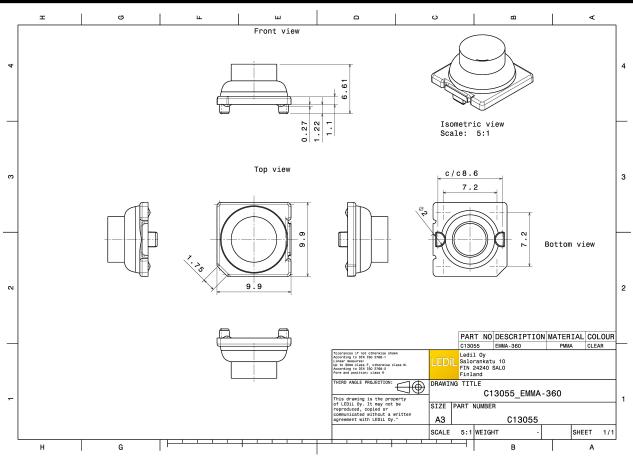
Component	Туре	Material	Colour	Finish	Length
EMMA-360	Single lens	PMMA	clear		9.9

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13055_EMMA-360	5000	300	100	1.6
» Box size:				



PRODUCT DATASHEET C13055_EMMA-360

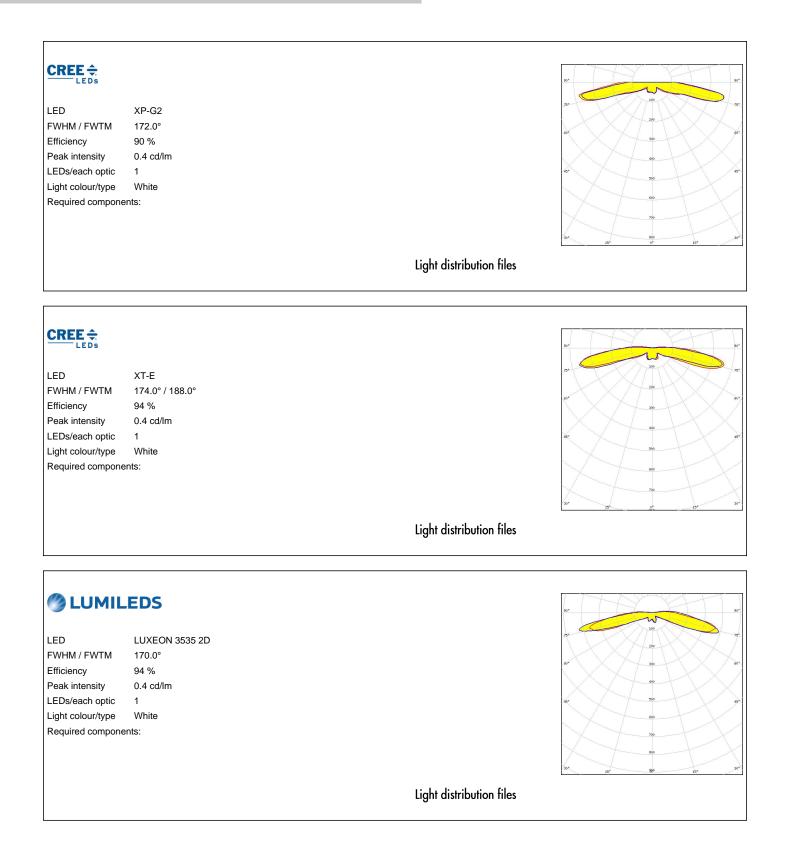


See also our general installation guide: <u>www.ledil.com/installation_guide</u>



CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	XB-D 170.0° 93 % 0.4 cd/lm 1 White ents:	
		Light distribution files
CREE Constructions	XP-E2 172.0° 94 % 0.4 cd/lm 1 White ents:	Light distribution files
CREE LED FWHM / FWTM Efficiency Peak intensity	XP-G 173.0° 88 % 0.4 cd/lm	
LEDs/each optic Light colour/type Required compone	1 White	Light distribution files





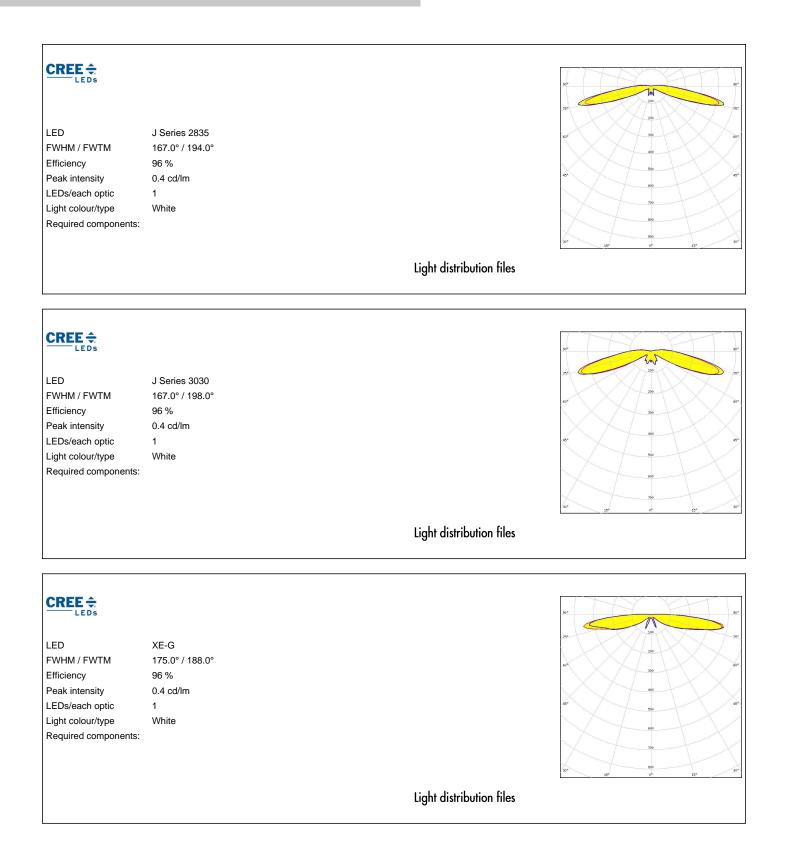


LUMILEDS LUXEON A LED FWHM / FWTM 173.0° Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour/type Required components: Light distribution files LUMILEDS LED LUXEON Rebel FWHM / FWTM 165.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **MNICHIA** NCSxx19A LED FWHM / FWTM 165.0° Efficiency 90 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

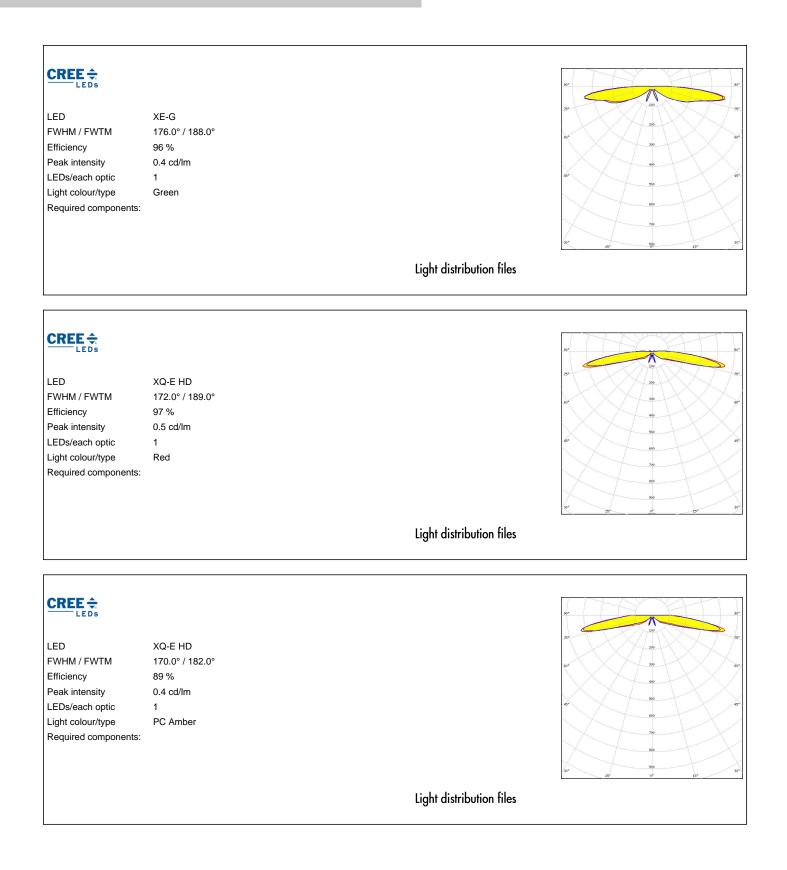


OSRAM Opto Semiconductors			50°
LED	OSLON Square EC		20
FWHM / FWTM	170.0°		
Efficiency	92 %		-00" <u>310</u> 00"
Peak intensity	0.4 cd/lm		400
LEDs/each optic	1		65° 20 6°
Light colour/type	White		
Required compone	ints:		20° - 20° - 20° - 20°
		Light distrib	bution files

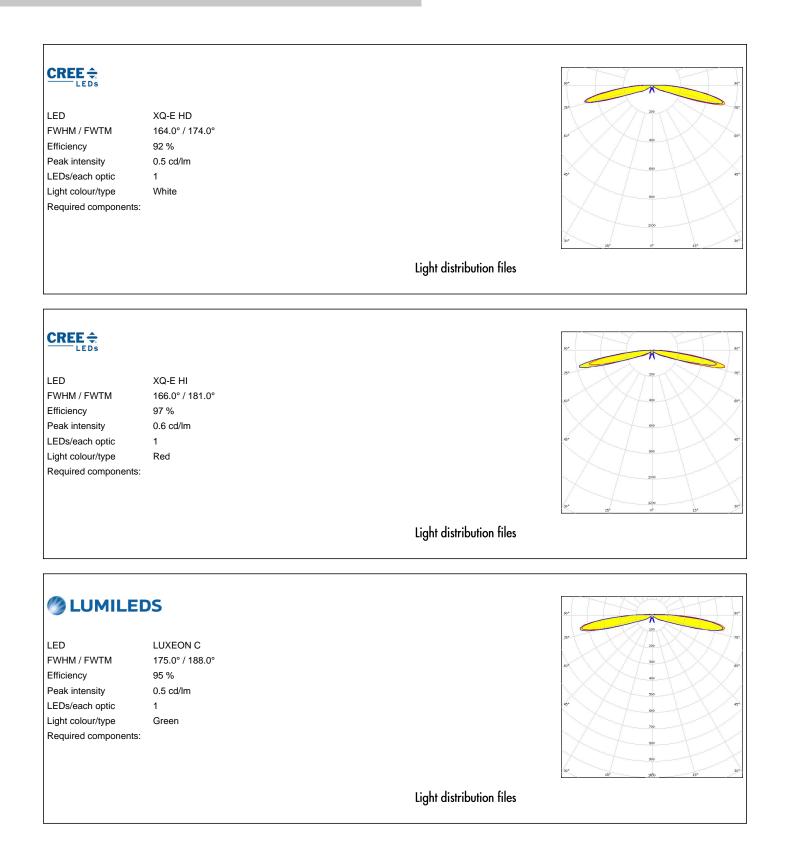














ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON C 177.0° / 192.0° 95 % 0.5 cd/lm 1 Red	
		Light distribution files
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON CZ 168.0° / 179.0° 97 % 0.6 cd/lm 1 Red	Light distribution files
UMILEI	DS	80' 82'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON CZ 166.0° / 178.0° 97 % 0.7 cd/lm 1 Blue	
		Light distribution files



LUMILEDS I FD LUXEON CZ FWHM / FWTM 166.0° / 178.0° Efficiency 97 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type Green Required components: Light distribution files LUMILEDS LUXEON CZ I FD 168.0° / 179.0° FWHM / FWTM Efficiency 97 % 0.6 cd/lm Peak intensity LEDs/each optic 1 Light colour/type Amber Required components: Light distribution files LUMILEDS LUXEON CZ LED FWHM / FWTM 166.0° / 178.0° Efficiency 97 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type Royal Blue Required components: Light distribution files

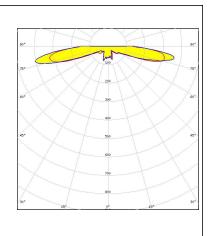


LUMILEDS I FD LUXEON Rubix FWHM / FWTM 168.0° / 178.0° Efficiency 97 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type Green Required components: Light distribution files LUMILEDS LUXEON V2 I FD 172.0° / 196.0° FWHM / FWTM Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ LED NCSxE17A FWHM / FWTM 166.0° / 189.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type Green Required components: Light distribution files

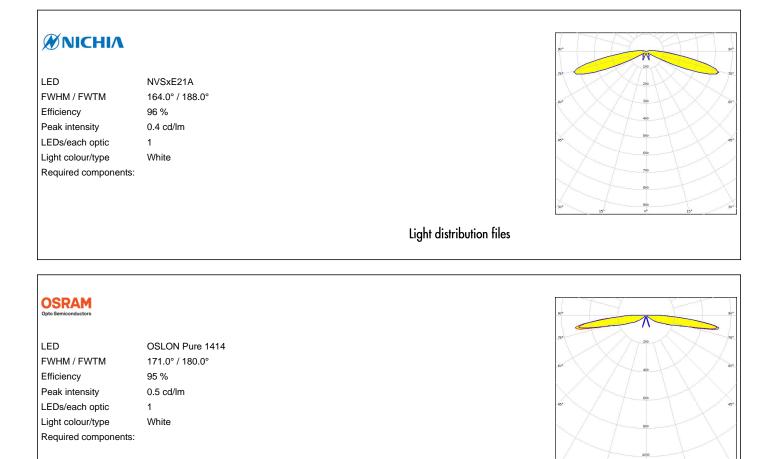


ΜΝΙCΗΙΛ

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: NF2W757G-MT (Tunable White) 174.0 + 178.0° / 182.0° 90 % 0.4 cd/lm 1 Tunable White



Light distribution files



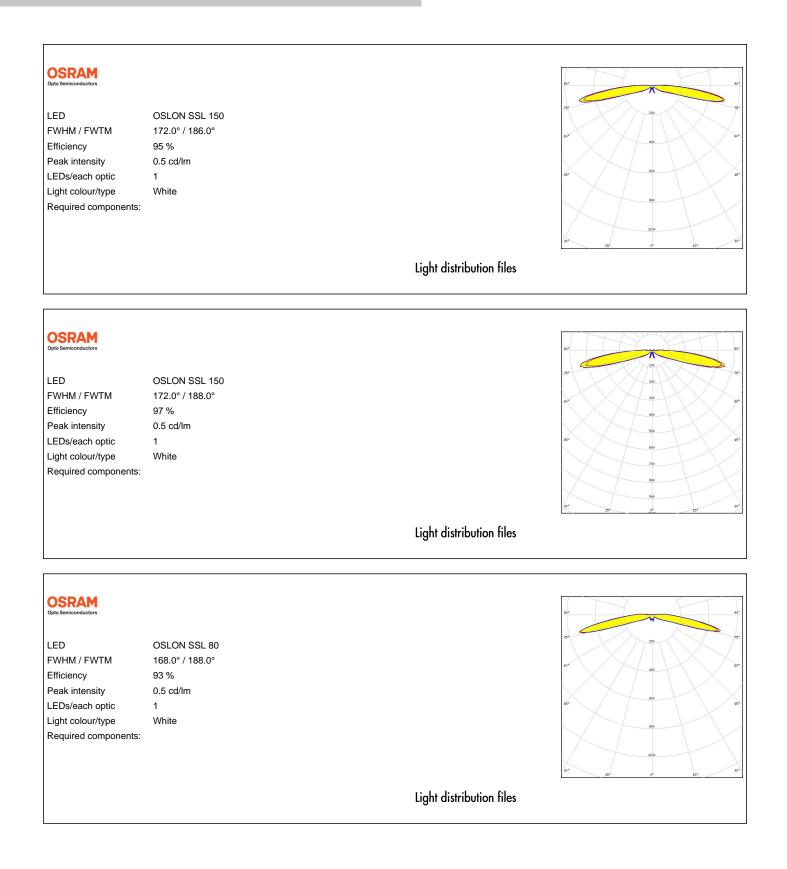
Light distribution files



Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON Signal 172.0° / 188.0° 97 % 0.5 cd/lm 1 Red	
		Light distribution files
OSRAM Opto Semiconductors	OSLON Signal 172.0° / 192.0° 97 % 0.4 cd/lm 1 White	
		Light distribution files
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON SSL 150 171.0° / 187.0° 97 % 0.5 cd/lm 1 Red	
		Light distribution files



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Opto Semiconductors	SFH 4716AS 164.0° / 180.0° 96 % 1 IR	
		Light distribution files
SAMSUN	IG	50'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LM28xB Series 169.0° / 199.0° 97 % 0.4 cd/lm 1 White	
		Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	MJT 3030 172.0° / 194.0° 95 % 0.5 cd/lm 1 White	
vequired components:		Light distribution files



SEOUL SEMICONDUCTOR		2017	90*
LED	Z8Y22P	25 109	75°
FWHM / FWTM	152.0°	80 20	60*
Efficiency	87 %		
Peak intensity	0.4 cd/lm		
LEDs/each optic	1	57 60	45*
Light colour/type	White		
Required components	5:	20° 20° 20° 12°	30*
		Light distribution files	



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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