

LXP3-O-90

~10° x 40° oval beam optimized for CREE XP-E.
14.7 mm high assembly. Variant with beam
direction rotated 90°.

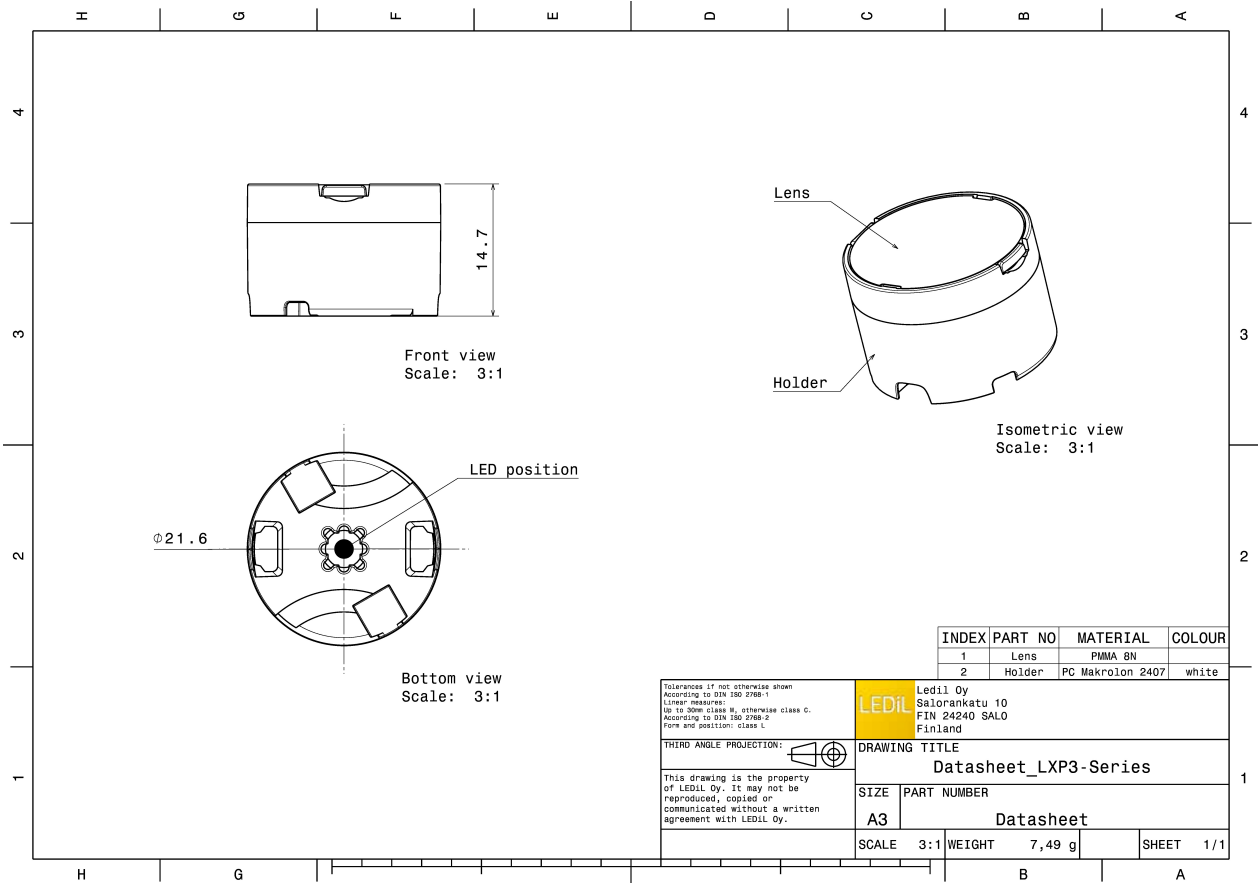
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	glue
Colour	white
Box size	480 x 280 x 300 mm
Box weight	9.2 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

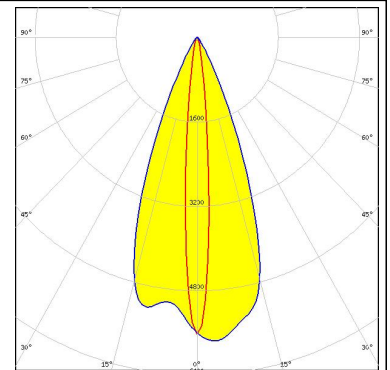
Component	Type	Material	Colour
LXP2-O-90	Lens	PMMA	clear
LXP3-LH1-WHT	Holder	PC	white



PHOTOMETRIC DATA (MEASURED):

CREE 

LED XP-E
FWHM 9.0 + 41.0°
Efficiency 93 %
Peak intensity 5.800 cd/lm
Required components:

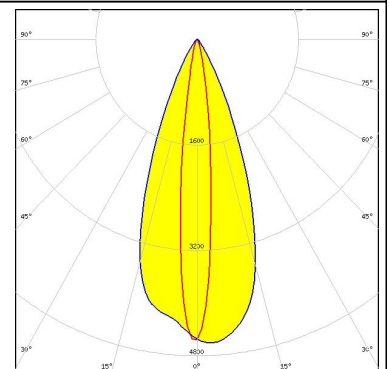


CREE 

LED XP-E2
FWHM 10.0 + 42.0°
Efficiency %
Peak intensity 6.200 cd/lm
Required components:

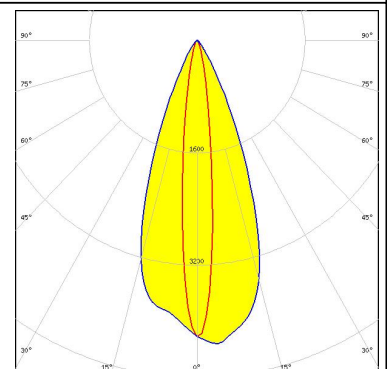
CREE 

LED XP-G
FWHM 12.0 + 40.0°
Efficiency 93 %
Peak intensity 4.600 cd/lm
Required components:



CREE 

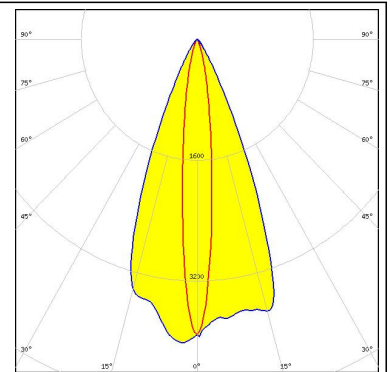
LED XP-G2
FWHM 12.0 + 40.0°
Efficiency 91 %
Peak intensity 4.400 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

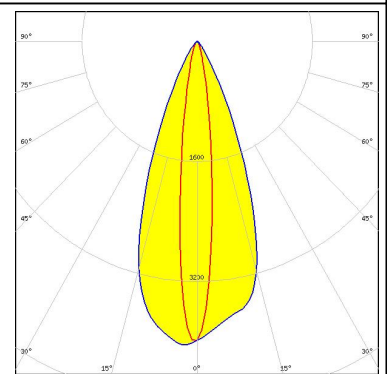
CREE 

LED XP-L HI
FWHM 12.0 + 44.0°
Efficiency 90 %
Peak intensity 4.000 cd/lm
Required components:




CREE 

LED XT-E
FWHM 13.0 + 41.0°
Efficiency 91 %
Peak intensity 4.050 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	10.0 + 34.0°
Efficiency	84 %
Peak intensity	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:

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