

EMILY-D

~11° diffused spot beam. 14.74 mm high lens.

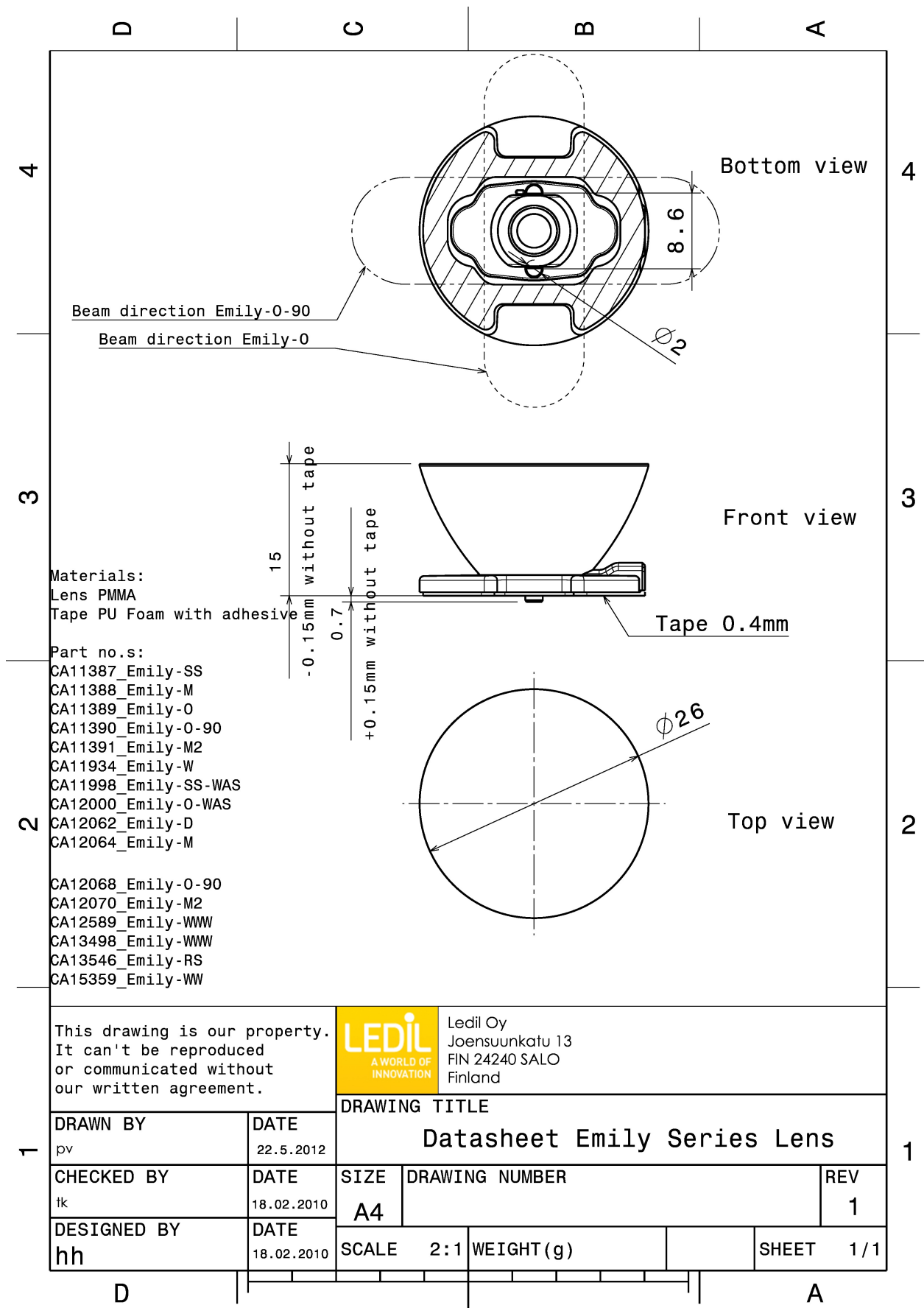
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26 mm
Height	14.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.5 kg
Quantity in Box	1690 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
EMILY-D	Lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black



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LEDiL
A WORLD OF INNOVATION

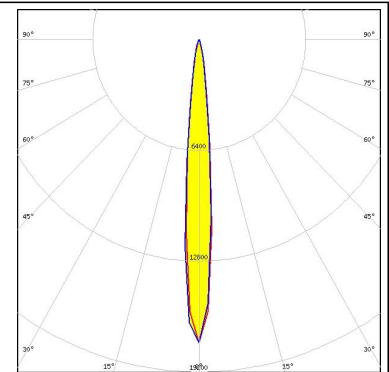
Ledil Oy
Joensuunkatu 13
FIN 24240 SALO
Finland

DRAWN BY pv		DATE 22.5.2012	DRAWING TITLE Datasheet Emily Series Lens		
CHECKED BY tk	DATE 18.02.2010	SIZE A4	DRAWING NUMBER		REV 1
DESIGNED BY hh	DATE 18.02.2010	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

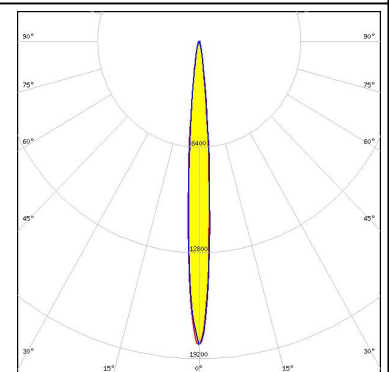
PHOTOMETRIC DATA (MEASURED):



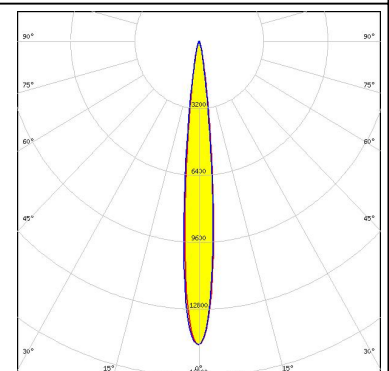
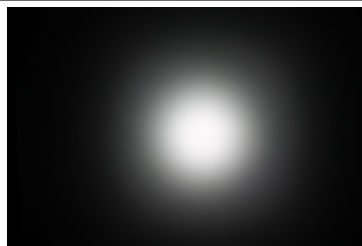
LED XB-H
 FWHM 10.0°
 Efficiency 89 %
 Peak intensity 17.500 cd/Im
 Required components:



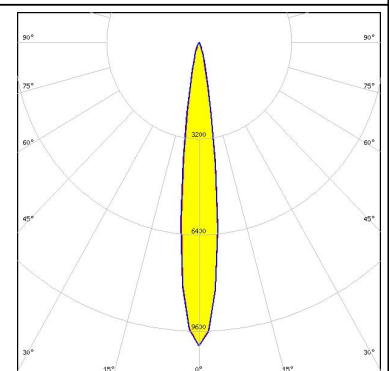
LED XD16
 FWHM 8.0°
 Efficiency 92 %
 Peak intensity 18.400 cd/Im
 Required components:



LED XHP35 HI
 FWHM 11.0°
 Efficiency 92 %
 Peak intensity 14.500 cd/Im
 Required components:



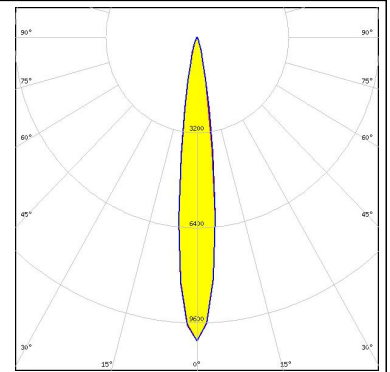
LED XM-L
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 10.100 cd/Im
 Required components:



PHOTOMETRIC DATA (MEASURED):

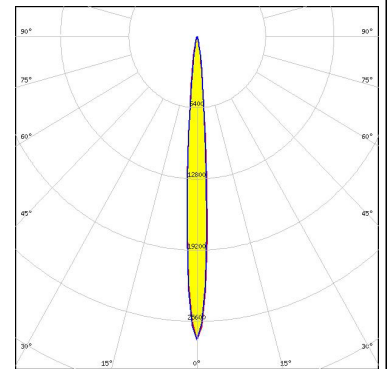
CREE 

LED XM-L2
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 10.200 cd/lm
 Required components:



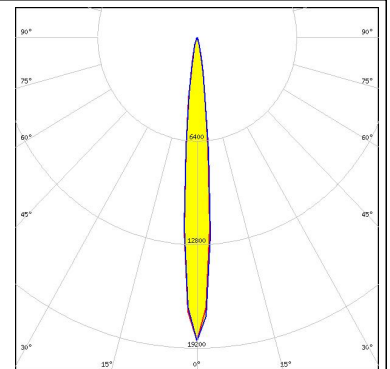
CREE 

LED XP-E2
 FWHM 8.0°
 Efficiency 87 %
 Peak intensity 27.300 cd/lm
 Required components:



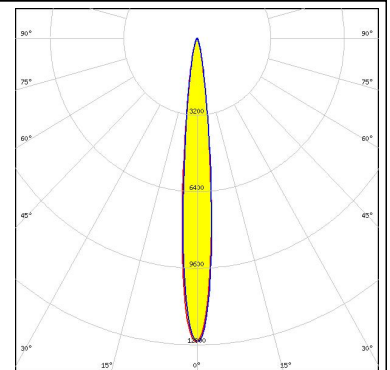
CREE 

LED XP-G2
 FWHM 10.0°
 Efficiency 90 %
 Peak intensity 20.800 cd/lm
 Required components:



CREE 

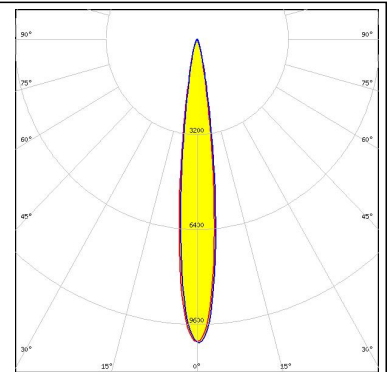
LED XP-G3
 FWHM 11.0°
 Efficiency 94 %
 Peak intensity 13.000 cd/lm
 Required components:



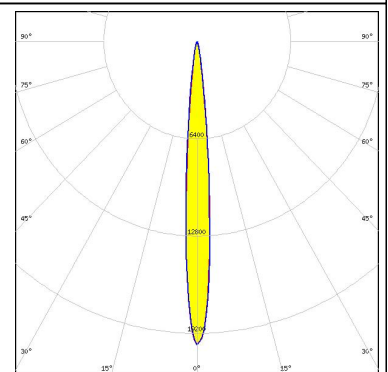
PHOTOMETRIC DATA (MEASURED):



LED XP-L
FWHM 13.0°
Efficiency 90 %
Peak intensity 10.200 cd/lm
Required components:



LED XP-L HI
FWHM 9.0°
Efficiency 87 %
Peak intensity 20.000 cd/lm
Required components:



LED XT-E
FWHM 9.0°
Efficiency %
Peak intensity 14.000 cd/lm
Required components:

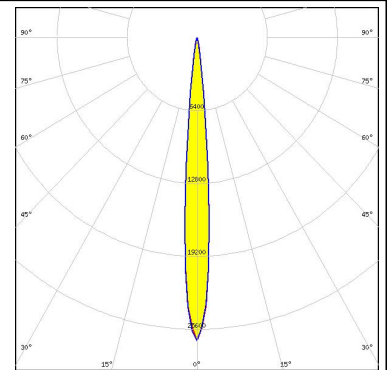


LED LUXEON A
FWHM 11.0°
Efficiency 91 %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

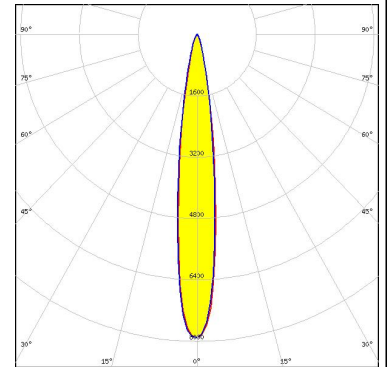
LUMILEDS

LED LUXEON Rebel ES
FWHM 10.0°
Efficiency 91 %
Peak intensity cd/lm
Required components:



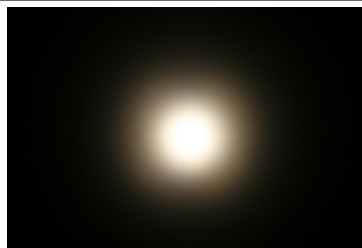
NICHIA

LED NS9x383
FWHM 14.0°
Efficiency 90 %
Peak intensity 7.900 cd/lm
Required components:



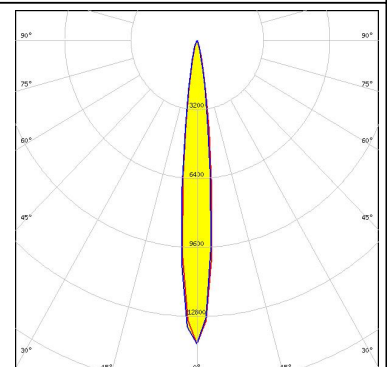
OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 9.0°
Efficiency 86 %
Peak intensity 20.060 cd/lm
Required components:



SAMSUNG

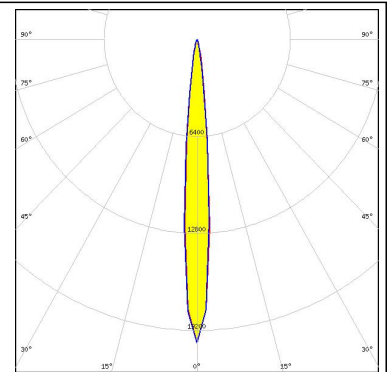
LED LH351B
FWHM 12.0°
Efficiency 88 %
Peak intensity 14.000 cd/lm
Required components:



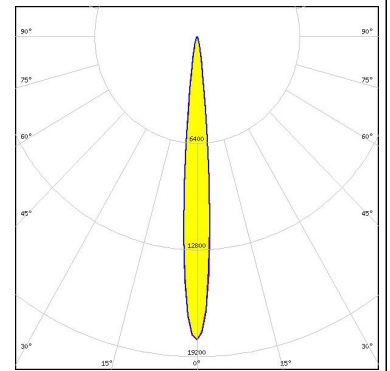
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

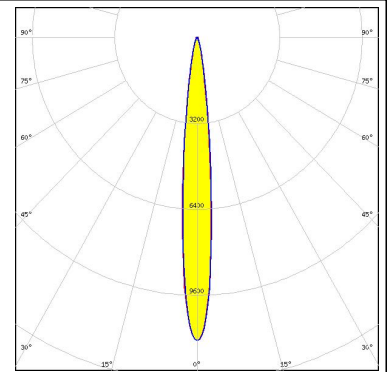
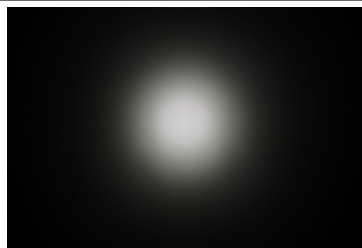
LED LH351Z
 FWHM 10.0°
 Efficiency 88 %
 Peak intensity 20.000 cd/lm
 Required components:



LED Z5M1/Z5M2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 18.200 cd/lm
 Required components:



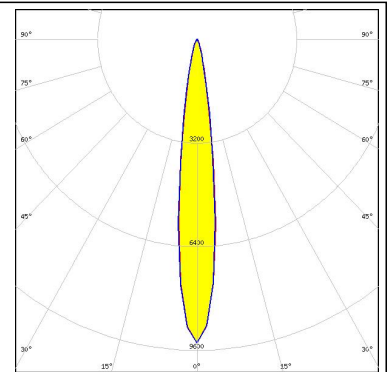
LED Z8Y22P
 FWHM 11.0°
 Efficiency 93 %
 Peak intensity 11.300 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

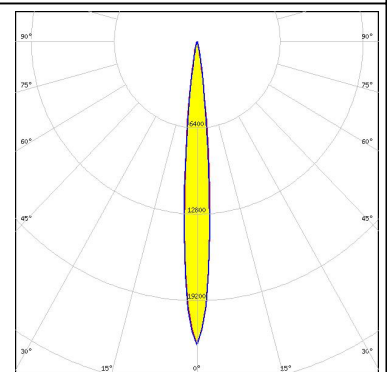
CREE 

LED XM-L HVW
FWHM 14.0°
Efficiency %
Peak intensity cd/lm
Required components:



OSRAM
Opto Semiconductors

LED Oslon Square Gen3
FWHM 9.9°
Efficiency 94 %
Peak intensity 22.500 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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