

HEIDI-SS

~15° smooth spot beam

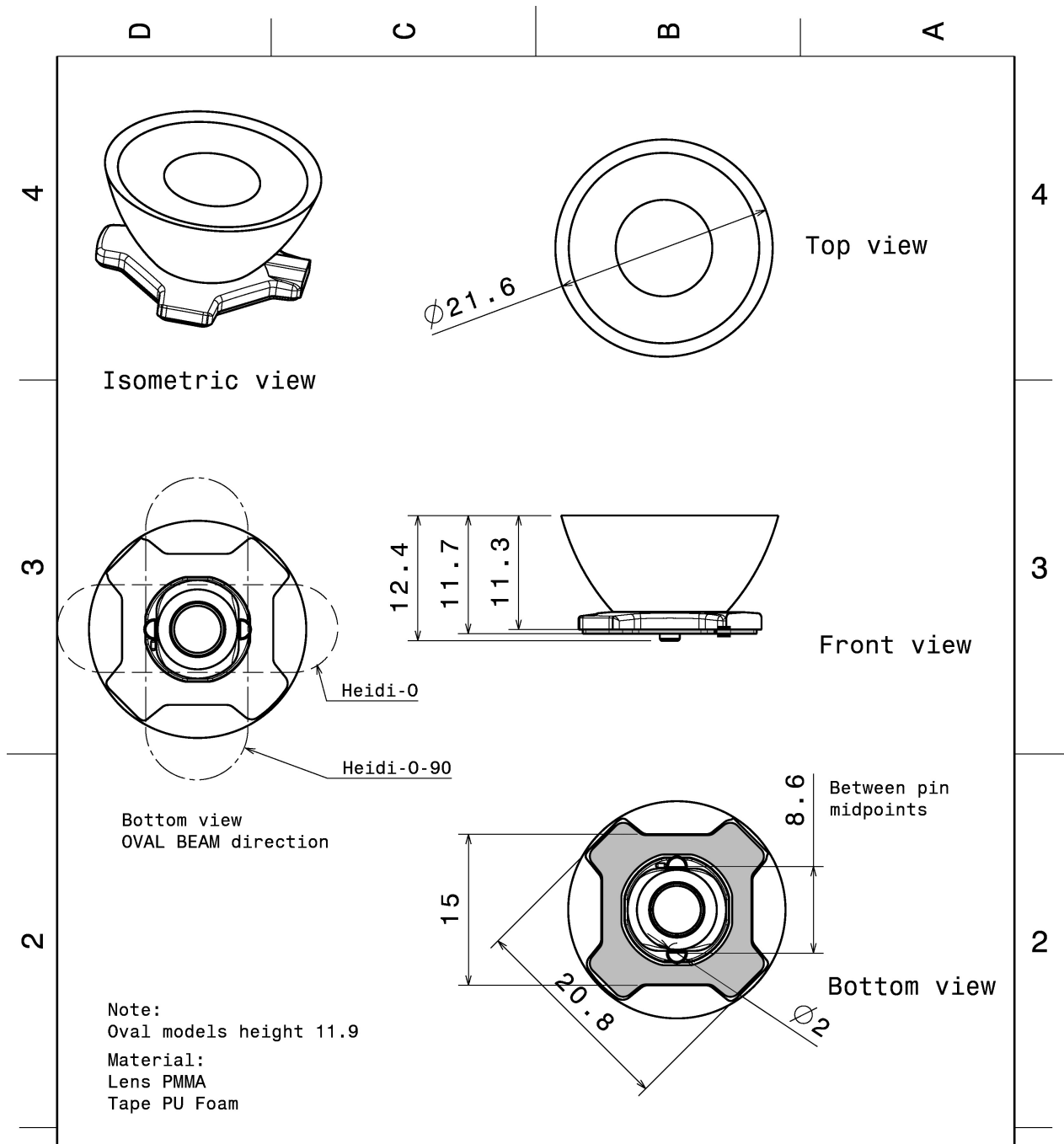
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.1 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HEIDI-SS	Lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black



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DRAWING TITLE		Datasheet Heidi-Series Assy			
DRAWN BY ah	DATE 1.2.2012	SIZE A4	DRAWING NUMBER		REV 2
CHECKED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	
DESIGNED BY	DATE				

PHOTOMETRIC DATA (MEASURED):



LED XP-E
FWHM 14.0°
Efficiency 92 %
Peak intensity 7.900 cd/lm
Required components:

SetPlotAreaWidth: 3 range error - min >= max

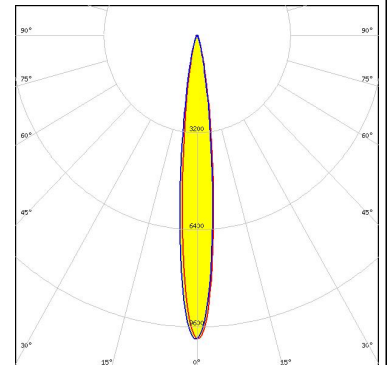


LED XP-G
FWHM 16.0°
Efficiency 92 %
Peak intensity 5.900 cd/lm
Required components:

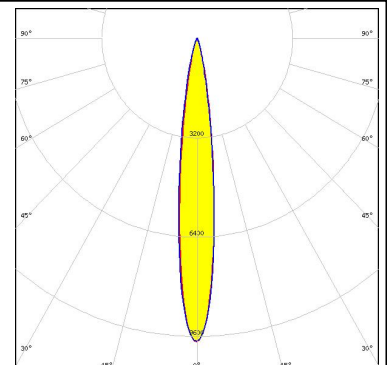
SetPlotAreaWidth: 3 range error - min >= max



LED XQ-E HI
FWHM 12.0°
Efficiency 92 %
Peak intensity 10.000 cd/lm
Required components:



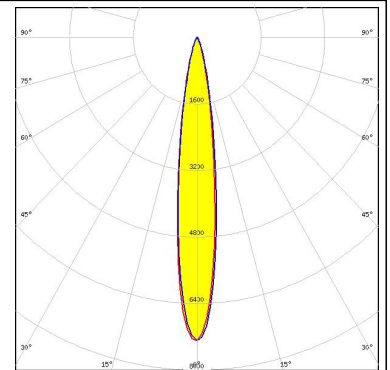
LED LUXEON C
FWHM 13.0°
Efficiency 87 %
Peak intensity 9.800 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

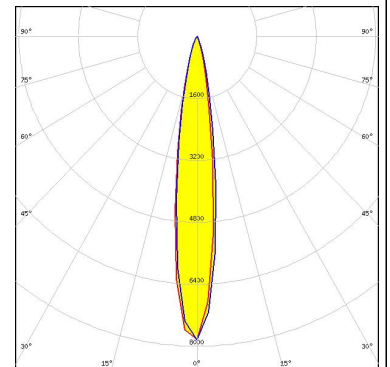
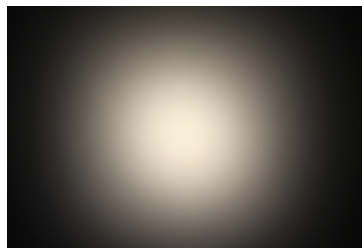
LUMILEDS

LED LUXEON T
 FWHM 15.0°
 Efficiency 87 %
 Peak intensity 7.300 cd/lm
 Required components:



LUMILEDS

LED LUXEON TX
 FWHM 16.0°
 Efficiency 86 %
 Peak intensity 7.800 cd/lm
 Required components:

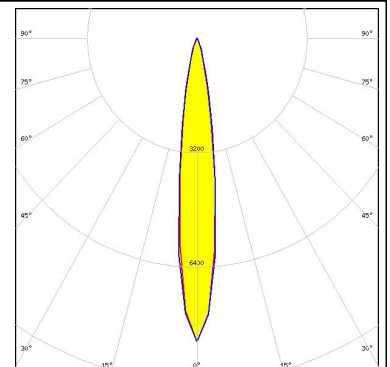
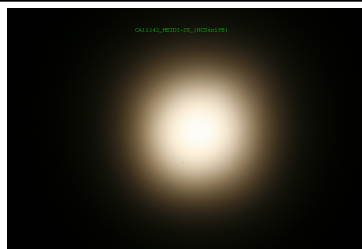


NICHIA

LED NCSxx19A
 FWHM 14.0°
 Efficiency 89 %
 Peak intensity 7.230 cd/lm
 Required components:

NICHIA

LED NCSxx19B
 FWHM 15.0°
 Efficiency 86 %
 Peak intensity 8.500 cd/lm
 Required components:



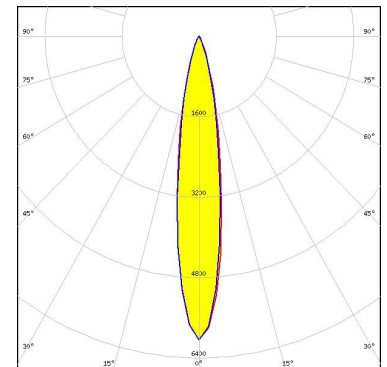
PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A
FWHM 15.0°
Efficiency 89 %
Peak intensity 6.100 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM 18.0°
Efficiency 87 %
Peak intensity 6.000 cd/lm
Required components:



LED Oslon SSL 150
FWHM 14.0°
Efficiency 91 %
Peak intensity 7.500 cd/lm
Required components:

SetPlotArea(1): X range error - min >= max



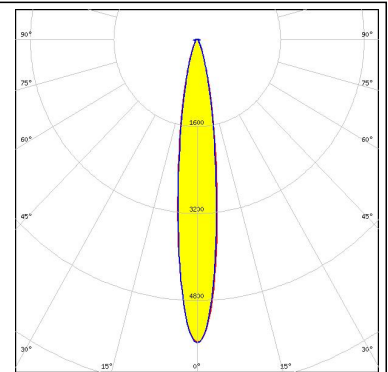
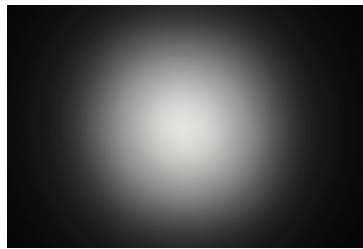
LED Oslon SSL 80
FWHM 14.0°
Efficiency 89 %
Peak intensity 7.300 cd/lm
Required components:

SetPlotArea(1): X range error - min >= max

PHOTOMETRIC DATA (MEASURED):

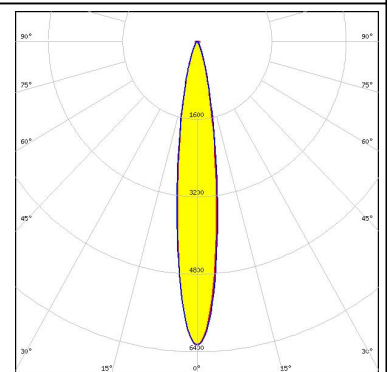
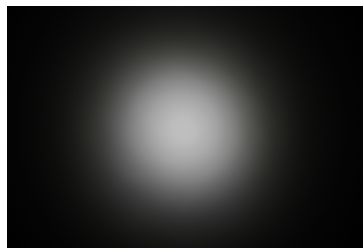
SAMSUNG

LED LH181A
 FWHM 15.0°
 Efficiency 88 %
 Peak intensity 5.600 cd/lm
 Required components:



SAMSUNG

LED LH181B
 FWHM 15.0°
 Efficiency 93 %
 Peak intensity 6.300 cd/lm
 Required components:



SEOUL SEMICONDUCTOR

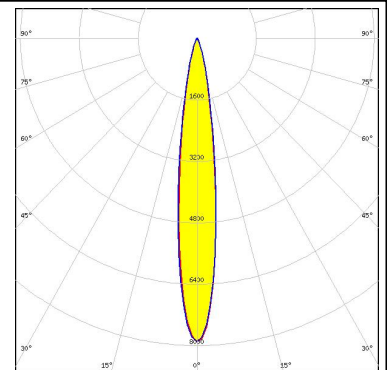
LED Z5
 FWHM 14.0°
 Efficiency 92 %
 Peak intensity 6.800 cd/lm
 Required components:

SetPlotArea(L1): 1 range error - min >= max



SEOUL SEMICONDUCTOR

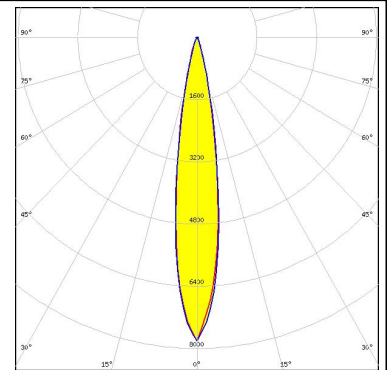
LED Z5M1/Z5M2
 FWHM 14.0°
 Efficiency 91 %
 Peak intensity 7.900 cd/lm
 Required components:



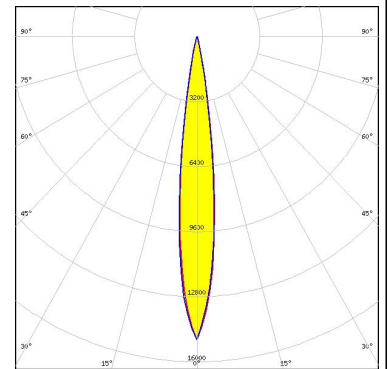
PHOTOMETRIC DATA (SIMULATED):



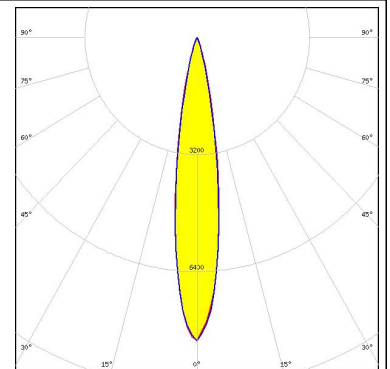
LED XP-G3
FWHM 17.0°
Efficiency 94 %
Peak intensity 7.810 cd/lm
Required components:



LED LUXEON Z ES
FWHM 13.0°
Efficiency 94 %
Peak intensity 14.900 cd/lm
Required components:



LED Oslon Square Gen3
FWHM 17.0°
Efficiency 94 %
Peak intensity 8.300 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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