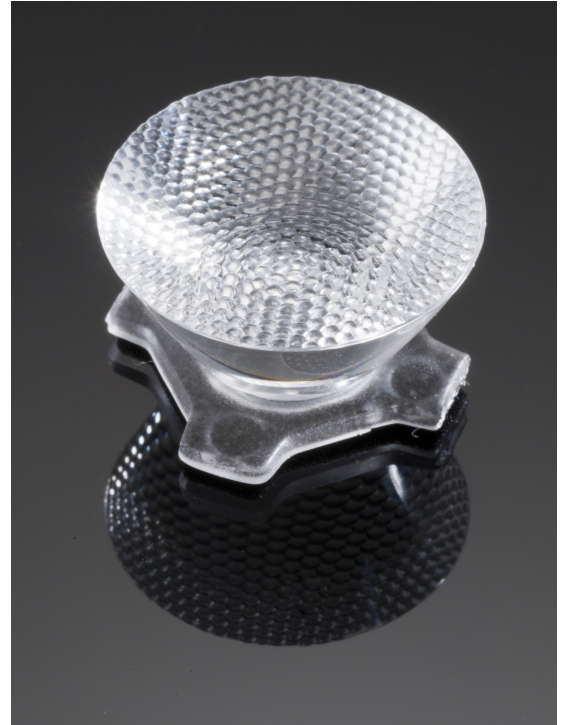


HEIDI-M

~25° medium beam

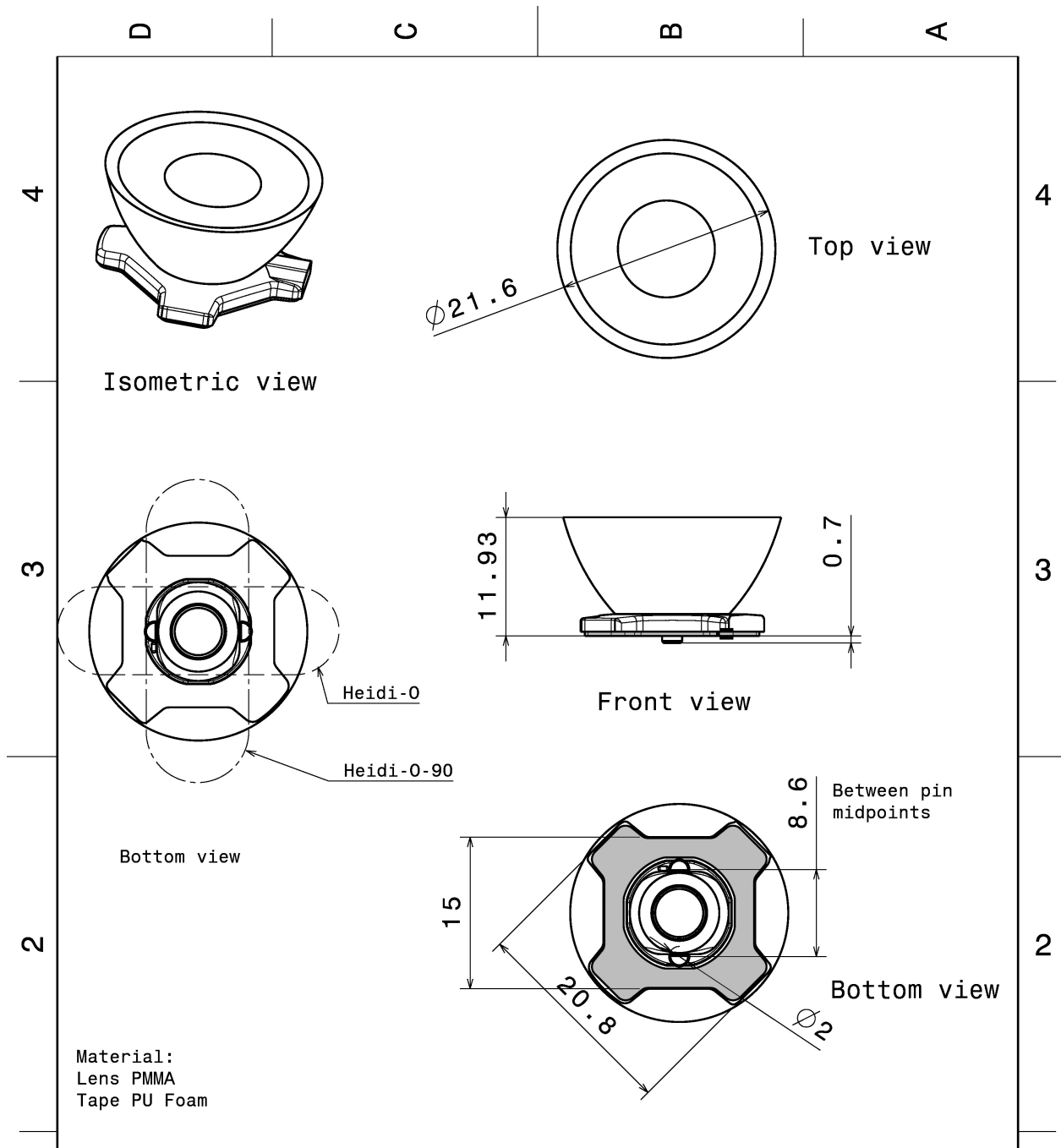
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.9 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.8 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

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



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DRAWN BY ah		DATE 24.6.2013		DRAWING TITLE Datasheet Heidi-0 assy	
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER		REV 001
DESIGNED BY	DATE	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

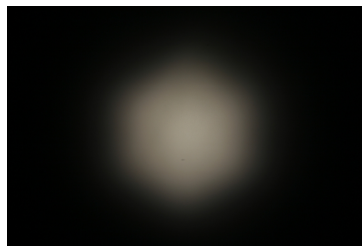
PHOTOMETRIC DATA (MEASURED):

CREE ⇄

LED XB-D
FWHM 29.0°
Efficiency 87 %
Peak intensity 2.000 cd/lm
Required components:

CREE ⇄

LED XB-H
FWHM 27.0°
Efficiency 87 %
Peak intensity 3.400 cd/lm
Required components:



CREE ⇄

LED XP-E
FWHM 28.0°
Efficiency 92 %
Peak intensity 2.860 cd/lm
Required components:

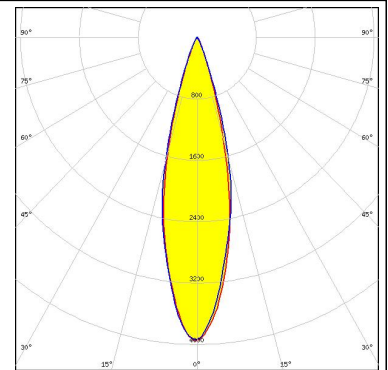
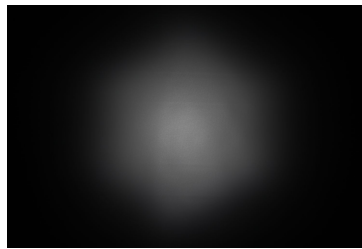
CREE ⇄

LED XP-G
FWHM 28.0°
Efficiency 92 %
Peak intensity 3.300 cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

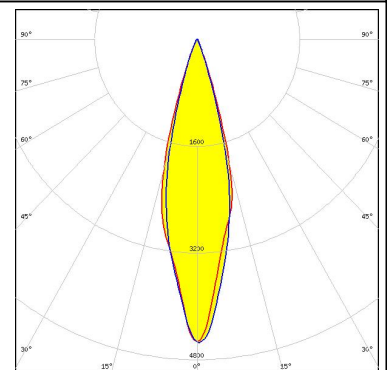
LUMILEDS

LED LUXEON C
 FWHM 26.0°
 Efficiency 87 %
 Peak intensity 3.950 cd/lm
 Required components:



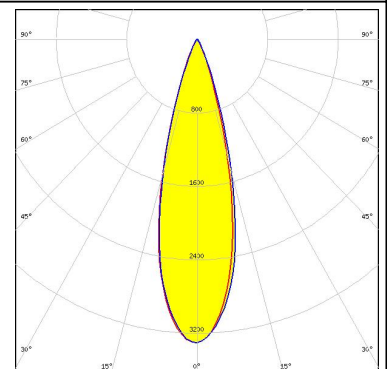
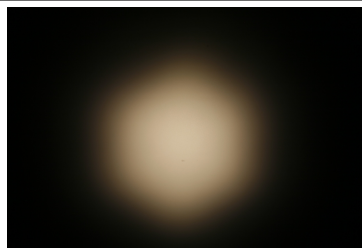
LUMILEDS

LED LUXEON CZ
 FWHM 26.0°
 Efficiency 94 %
 Peak intensity 4.500 cd/lm
 Required components:



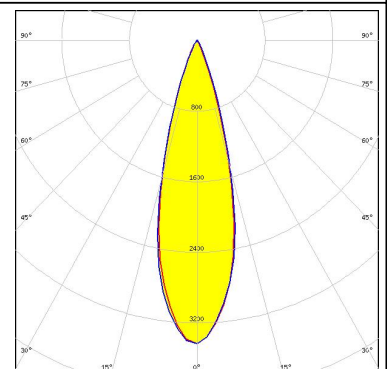
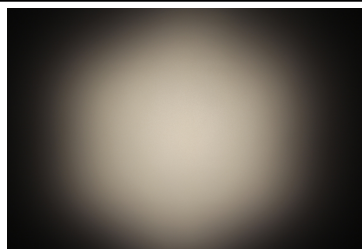
LUMILEDS

LED LUXEON T
 FWHM 28.0°
 Efficiency 87 %
 Peak intensity 3.300 cd/lm
 Required components:



LUMILEDS

LED LUXEON TX
 FWHM 29.0°
 Efficiency 88 %
 Peak intensity 3.400 cd/lm
 Required components:



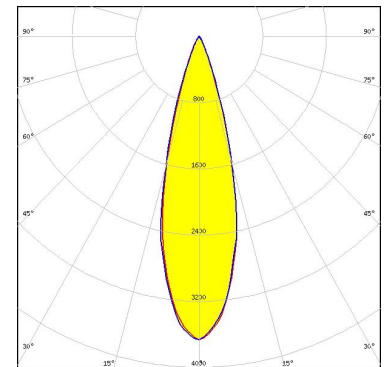
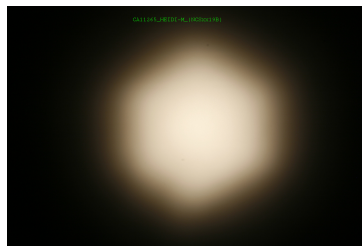
PHOTOMETRIC DATA (MEASURED):



LED NCSxx19A
FWHM 26.0°
Efficiency 87 %
Peak intensity 3.000 cd/lm
Required components:



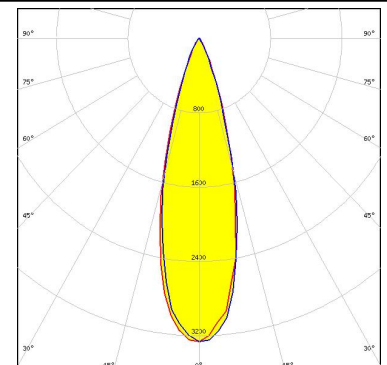
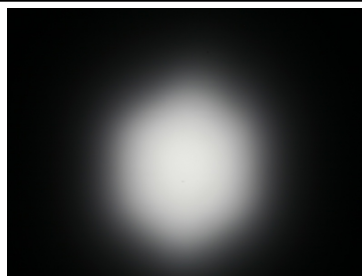
LED NCSxx19B
FWHM 29.0°
Efficiency 88 %
Peak intensity 3.700 cd/lm
Required components:



LED NVSxx19A
FWHM 28.0°
Efficiency 87 %
Peak intensity 3.100 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM 28.0°
Efficiency 90 %
Peak intensity 3.300 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

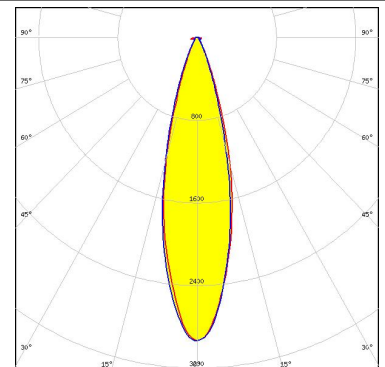
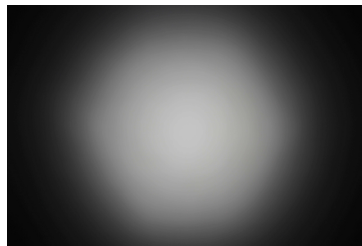
LED Oslon SSL 150
FWHM 26.0°
Efficiency 90 %
Peak intensity 3.400 cd/lm
Required components:

OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 28.0°
Efficiency 87 %
Peak intensity 3.130 cd/lm
Required components:

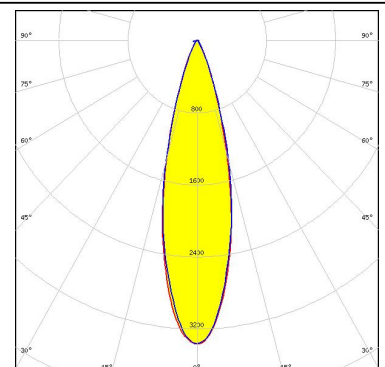
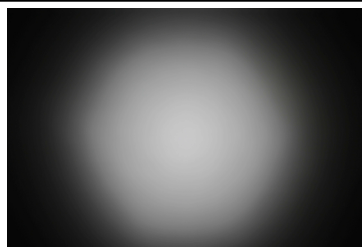
SAMSUNG

LED LH181A
FWHM 27.0°
Efficiency 88 %
Peak intensity 2.900 cd/lm
Required components:



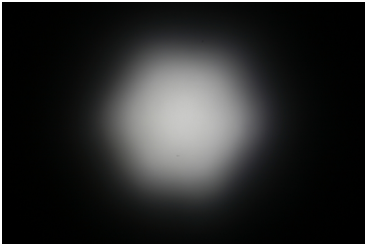
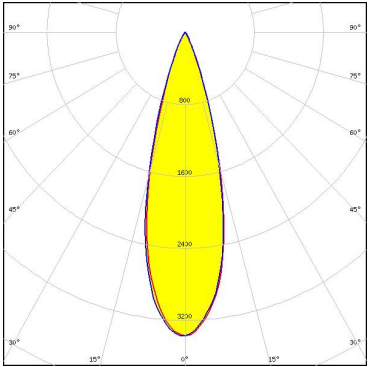


SAMSUNG

LED LH181B
FWHM 27.0°
Efficiency 93 %
Peak intensity 3.400 cd/lm
Required components:



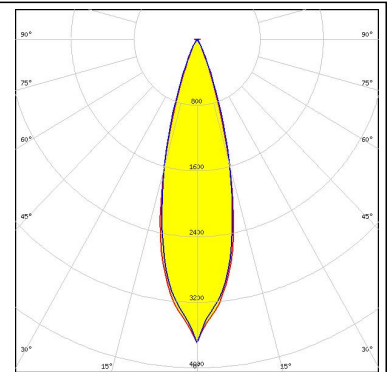
PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR		
LED	Z5	
FWHM	28.0°	
Efficiency	87 %	
Peak intensity	3.670 cd/lm	
Required components:		
 SEOUL SEMICONDUCTOR		
LED	Z5M1/Z5M2	
FWHM	29.0°	
Efficiency	89 %	
Peak intensity	3.400 cd/lm	
Required components:		
		

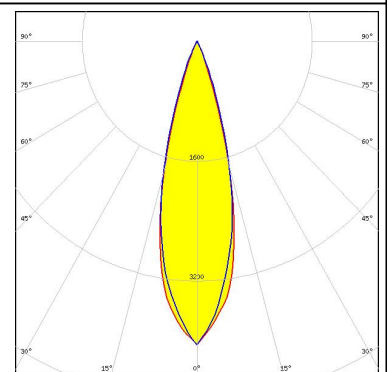
PHOTOMETRIC DATA (SIMULATED):



LED XT-E
FWHM 28.0°
Efficiency 93 %
Peak intensity 3.700 cd/lm
Required components:



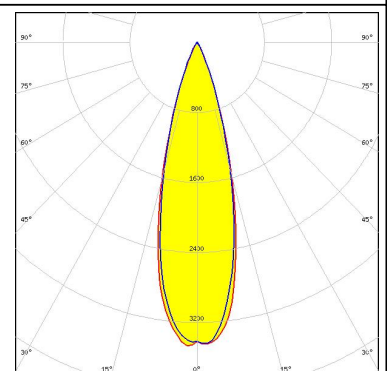
LED LUXEON Z ES
FWHM 28.0°
Efficiency 94 %
Peak intensity 4.050 cd/lm
Required components:



LED Oslon Square EC
FWHM 29.0°
Efficiency %
Peak intensity 3.200 cd/lm
Required components:



LED Oslon Square Gen3
FWHM 28.0°
Efficiency 94 %
Peak intensity 3.500 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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