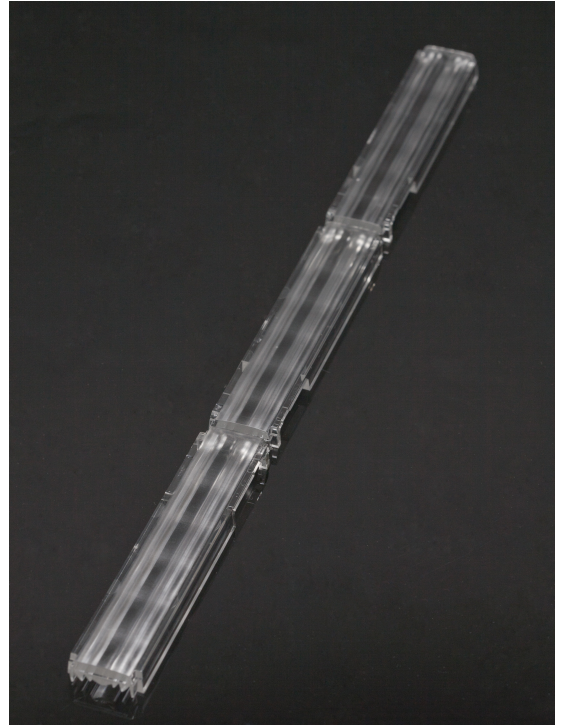


FLORENCE-1R-O

~95° 30° oval beam

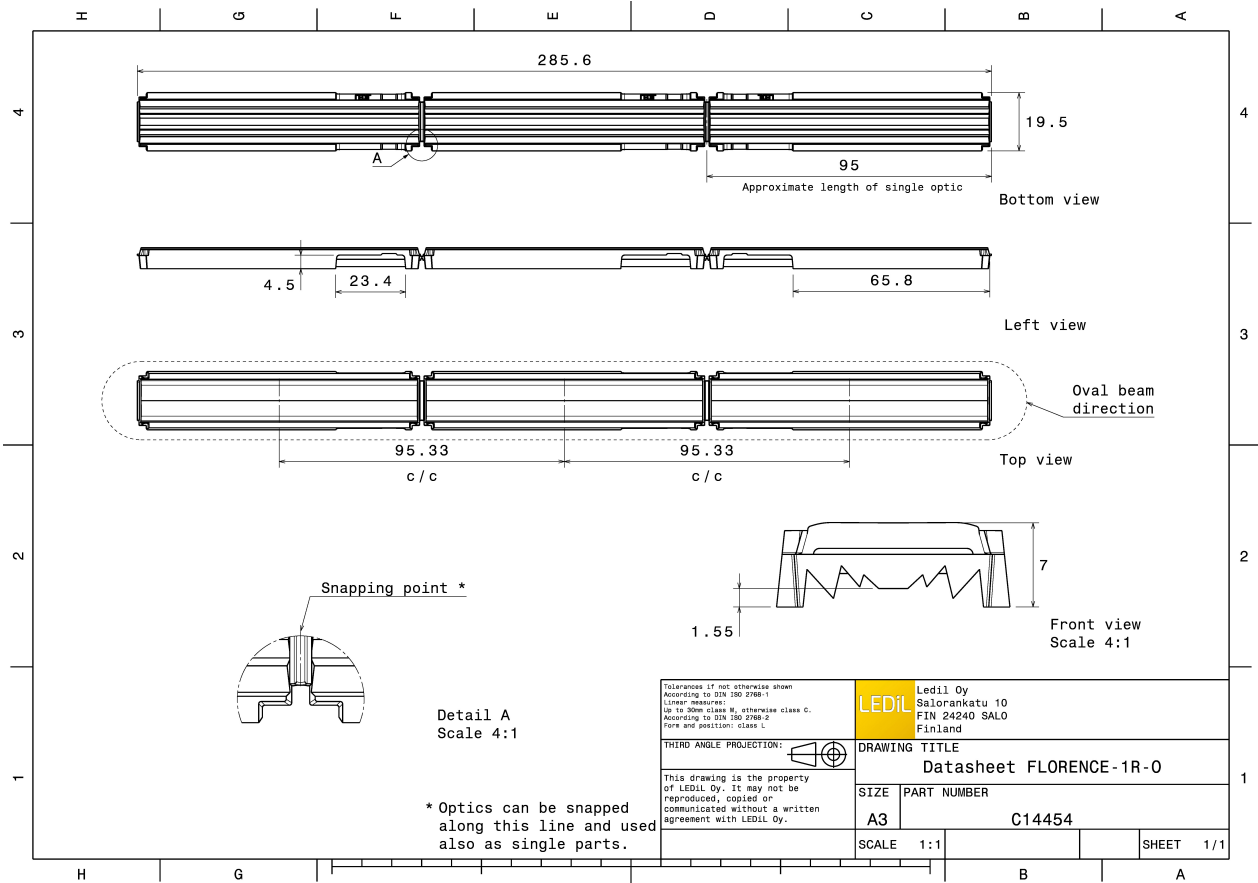
TECHNICAL SPECIFICATIONS:

Dimensions	285.6x19.5 mm
Height	7 mm
Fastening	clips, glue
Colour	clear
Box size	398 x 298 x 140 mm
Box weight	0 kg
Quantity in Box	210 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

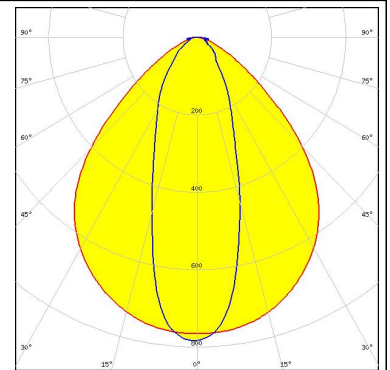
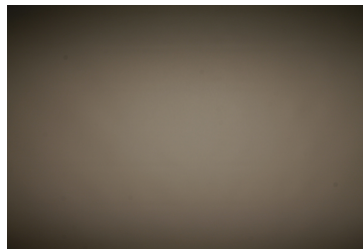
Component	Type	Material	Colour
FLORENCE-1R-O	Lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

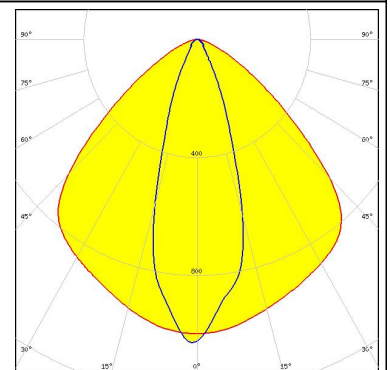
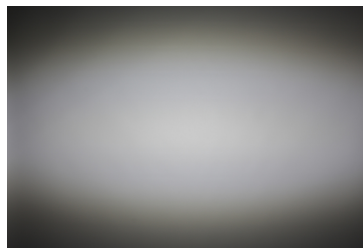
CEZOS

LED L0-280024-xxx-C0800-L267
FWHM 92.0 + 35.0°
Efficiency 91 %
Peak intensity 0.780 cd/lm
Required components:



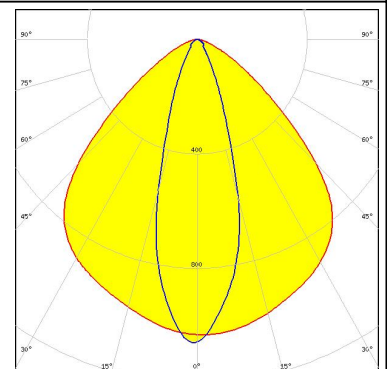
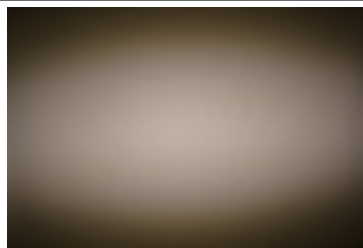
LUMILEDS

LED LUXEON 3014
FWHM 98.0 + 33.0°
Efficiency 93 %
Peak intensity 1.030 cd/lm
Required components:



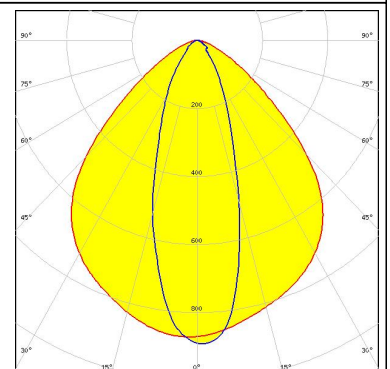
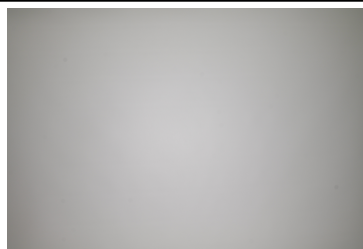
LUMILEDS

LED LUXEON 3020
FWHM 95.0 + 31.0°
Efficiency 93 %
Peak intensity 1.060 cd/lm
Required components:



LUMILEDS

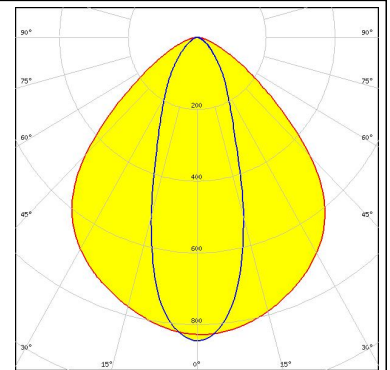
LED LUXEON 3030 2D
FWHM 93.0 + 34.0°
Efficiency 91 %
Peak intensity 0.890 cd/lm
Required components:



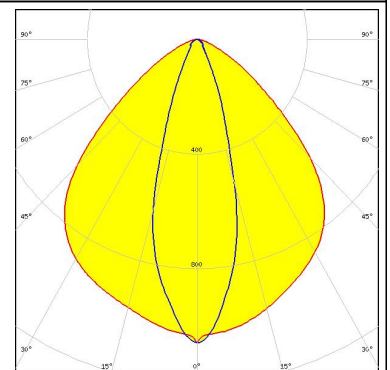
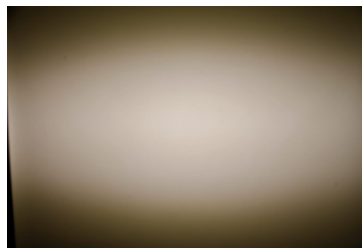
PHOTOMETRIC DATA (MEASURED):



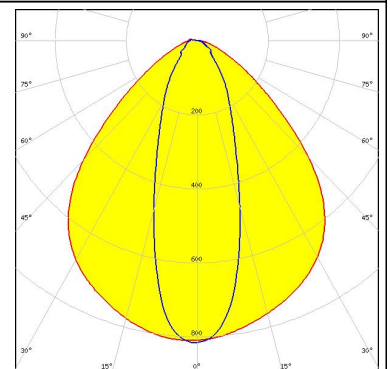
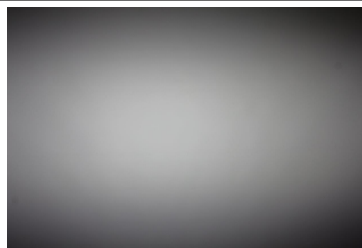
LED LUXEON 3535L
 FWHM 93.0 + 35.0°
 Efficiency 93 %
 Peak intensity 0.850 cd/lm
 Required components:



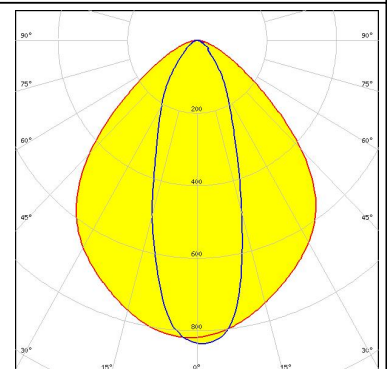
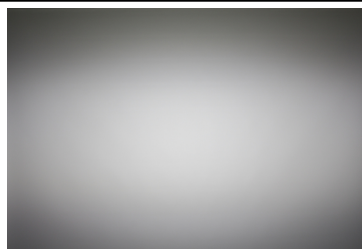
LED MP-2016
 FWHM 94.0 + 31.0°
 Efficiency 92 %
 Peak intensity 1.100 cd/lm
 Required components:



LED NF2x757D
 FWHM 93.0 + 34.0°
 Efficiency 94 %
 Peak intensity 0.820 cd/lm
 Required components:



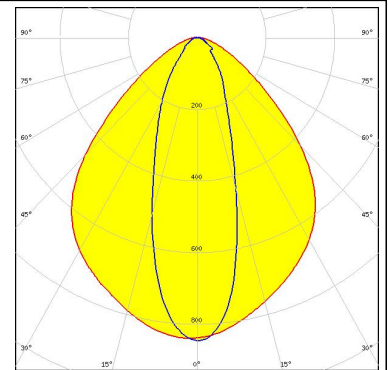
LED NF2x757G
 FWHM 92.0 + 35.0°
 Efficiency 90 %
 Peak intensity 0.870 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

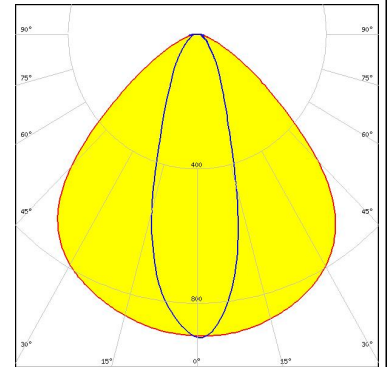
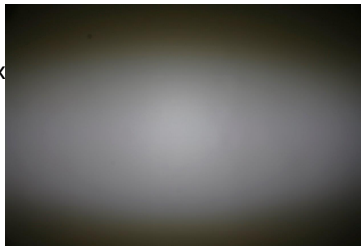
OSRAM
Opto Semiconductors

LED Duris S5 (2 chip)
FWHM 92.0 + 33.0°
Efficiency 91 %
Peak intensity 0.850 cd/lm
Required components:



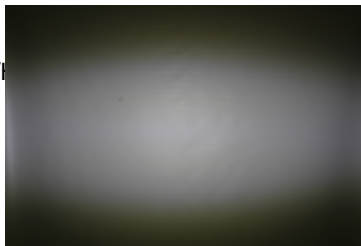
PHILIPS

LED Fortimo LED Line 1ft 1100lm xx0 1R xv2/x
FWHM 96.0 + 32.0°
Efficiency 94 %
Peak intensity 0.900 cd/lm
Required components:



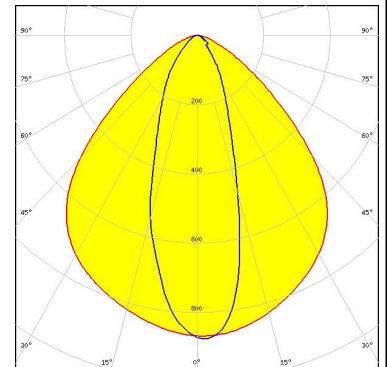
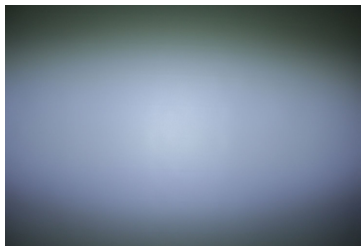
PHILIPS

LED Fortimo LED Line 1ft 2000lm 8x0 1R HV1/1
FWHM 95.0 + 31.0°
Efficiency 94 %
Peak intensity 0.910 cd/lm
Required components:
C14353_FLORENCE-1R-CLIP-A



SAMSUNG

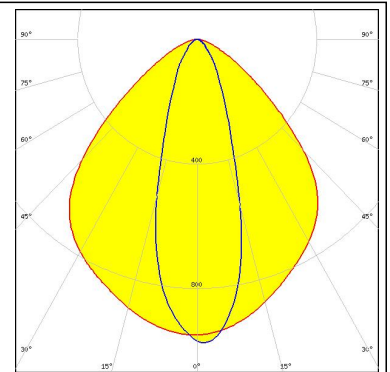
LED LM28xB Series
FWHM 94.0 + 34.0°
Efficiency 93 %
Peak intensity 0.880 cd/lm
Required components:



PHOTOMETRIC DATA (MEASURED):

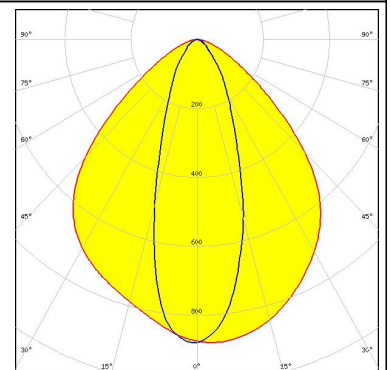
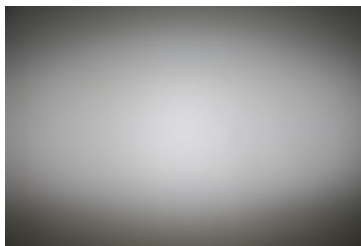
SAMSUNG

LED LM301A
FWHM 93.0 + 32.0°
Efficiency 92 %
Peak intensity 0.975 cd/lm
Required components:



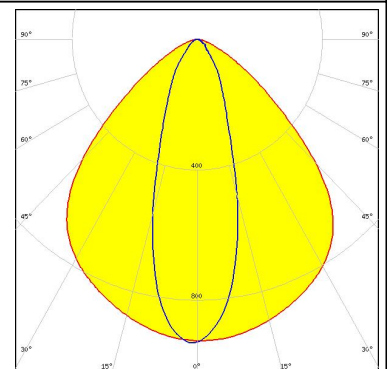
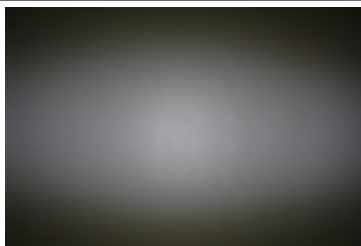
SAMSUNG

LED LM302A
FWHM 92.0 + 34.0°
Efficiency 92 %
Peak intensity 0.880 cd/lm
Required components:



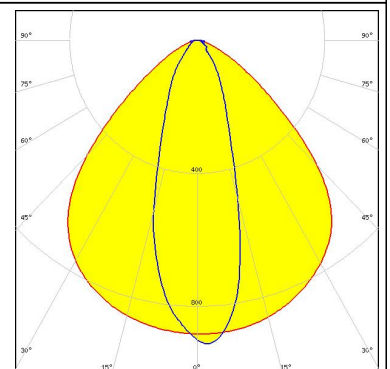
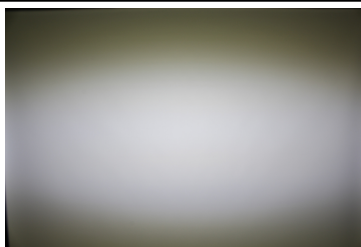
SAMSUNG

LED LM561C
FWHM 94.0 + 32.0°
Efficiency 93 %
Peak intensity 0.930 cd/lm
Required components:



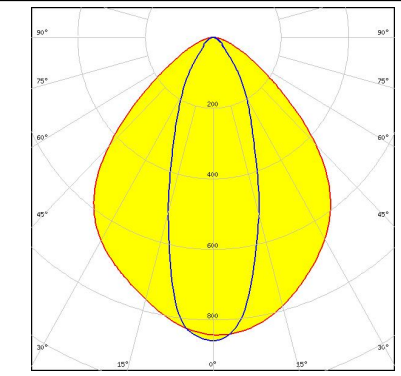

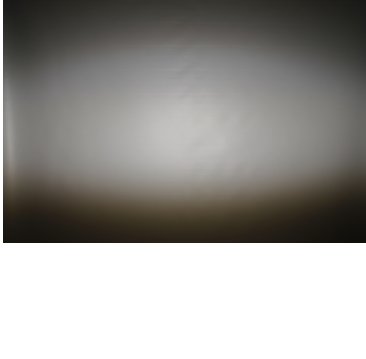
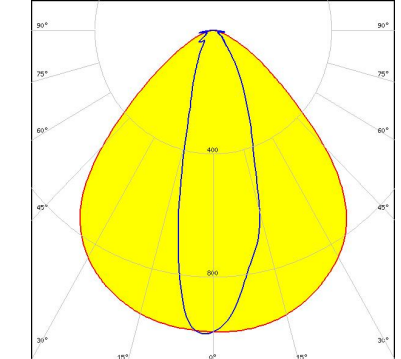


SAMSUNG

LED LT-S282N
FWHM 95.0 + 32.0°
Efficiency 93 %
Peak intensity 0.910 cd/lm
Required components:



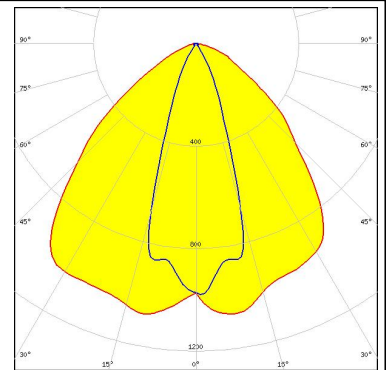
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 3030 FWHM 91.0 + 35.0° Efficiency 90 % Peak intensity 0.860 cd/lm Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030 FWHM 92.0 + 30.0° Efficiency 94 % Peak intensity 0.990 cd/lm Required components: C14353_FLORENCE-1R-CLIP-A</p>		

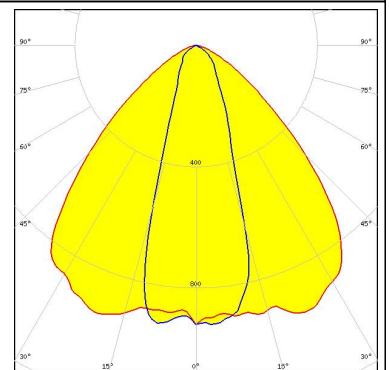
PHOTOMETRIC DATA (SIMULATED):



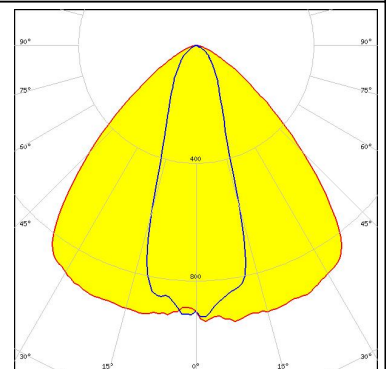
LED LUXEON CZ
FWHM 95.0 + 33.0°
Efficiency 94 %
Peak intensity 1.080 cd/lm
Required components:



LED Duris E 2835
FWHM 92.0 + 30.0°
Efficiency 94 %
Peak intensity 0.950 cd/lm
Required components:



LED Duris E5
FWHM 92.0 + 32.0°
Efficiency 94 %
Peak intensity 0.950 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.

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