

FLORENCE-3R-IP-Z60

~60° wide beam

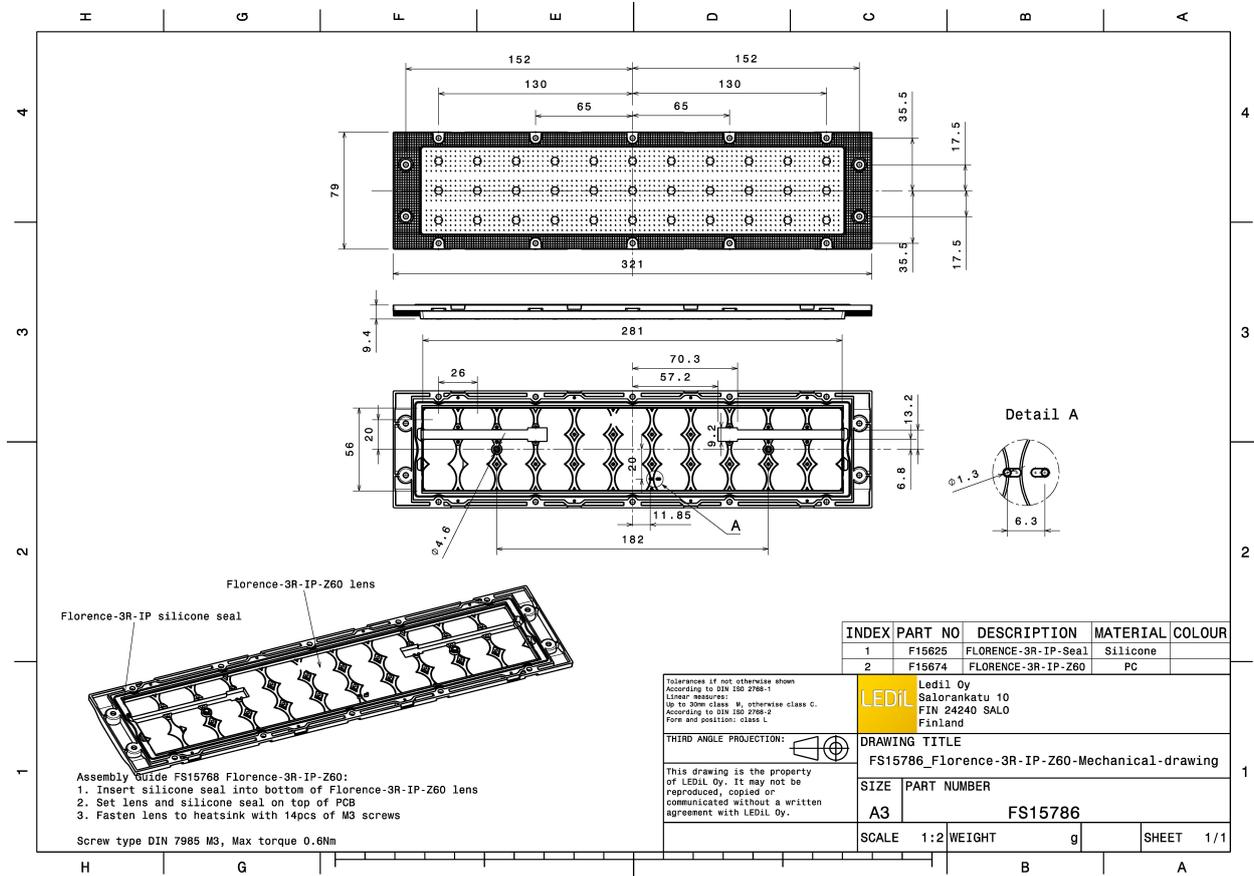
TECHNICAL SPECIFICATIONS:

Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Colour	clear
Box size	356 x 356 x 292 mm
Box weight	13 kg
Quantity in Box	80 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

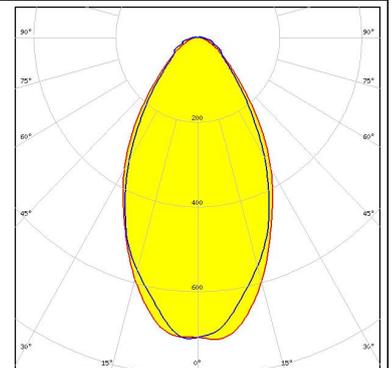
Component	Type	Material	Colour
FLORENCE-3R-IP-Z60	Lens	PC	clear
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear



PHOTOMETRIC DATA (MEASURED):

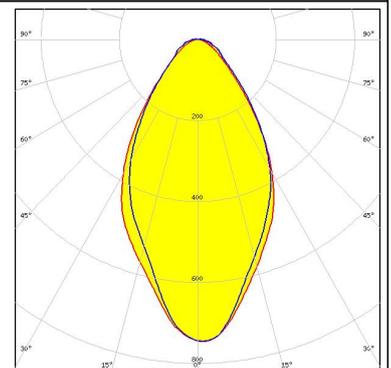
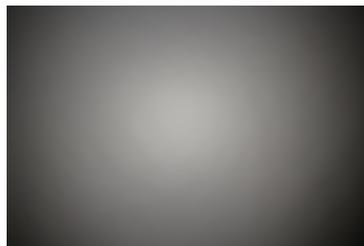
LG Innotek

LED LG 6030
 FWHM 60.0°
 Efficiency 86 %
 Peak intensity 0.720 cd/lm
 Required components:



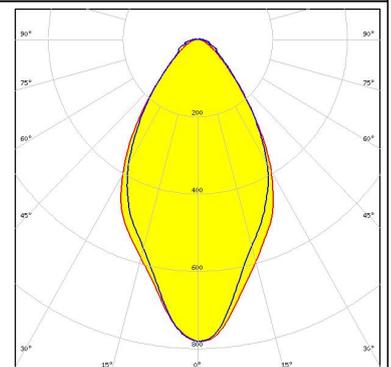
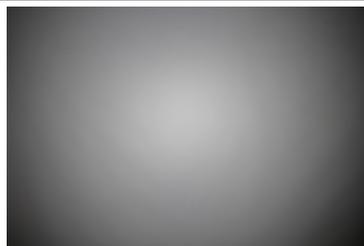
NICHIA

LED NVSxx19B/NVSxx19C
 FWHM 59.0°
 Efficiency 87 %
 Peak intensity 0.750 cd/lm
 Required components:



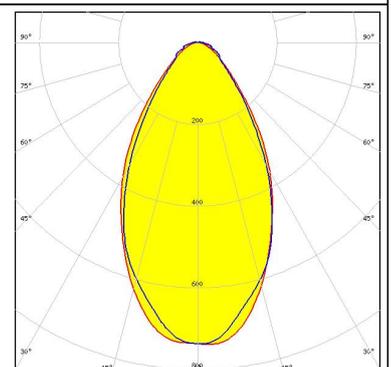
OSRAM Opto Semiconductors

LED Oslon Square Gen3
 FWHM 59.0°
 Efficiency 88 %
 Peak intensity 0.780 cd/lm
 Required components:



PHILIPS

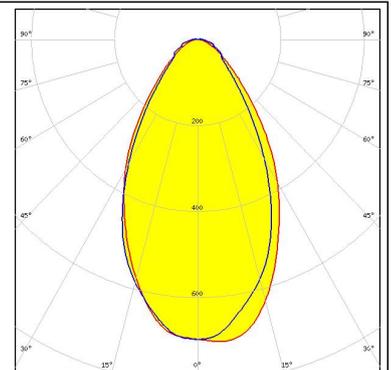
LED Fortimo LED Line 1ft 1100lm xx0 3R xV2/x
 FWHM 59.0°
 Efficiency 87 %
 Peak intensity 0.740 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

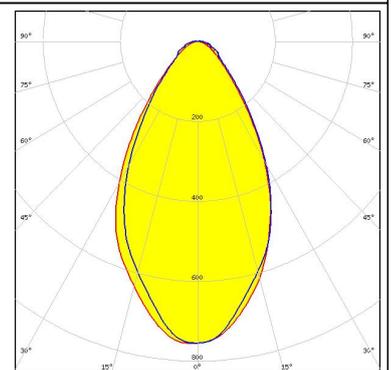
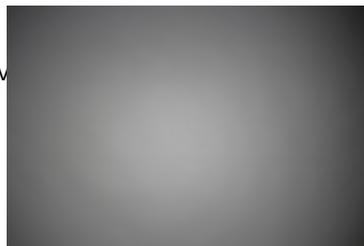
PHILIPS

LED Fortimo LED Line 1ft 2000lm 8xx 3R HV2
 FWHM 62.0°
 Efficiency 86 %
 Peak intensity 0.710 cd/lm
 Required components:



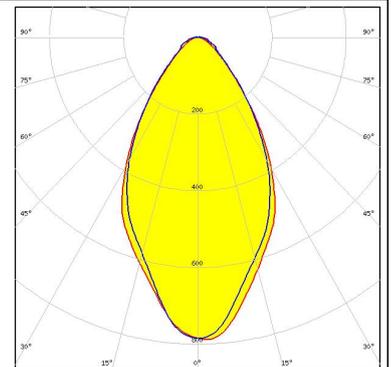
PHILIPS

LED Fortimo LED Line 1ft 650lm 8x0 3R xV2/xV
 FWHM 59.0°
 Efficiency 86 %
 Peak intensity 0.760 cd/lm
 Required components:



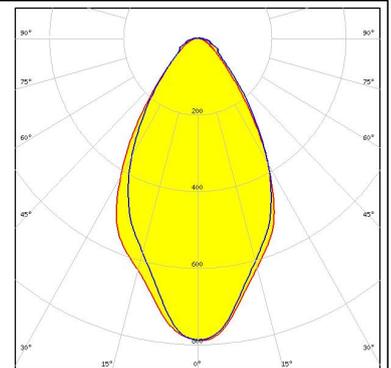
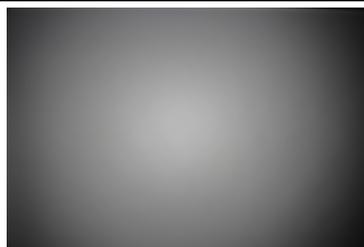
SEOUL SEMICONDUCTOR

LED SEOUL 5630C
 FWHM 59.0°
 Efficiency 87 %
 Peak intensity 0.790 cd/lm
 Required components:



SEOUL SEMICONDUCTOR

LED SunLike 3030
 FWHM 60.0 + 57.0°
 Efficiency 88 %
 Peak intensity 0.790 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

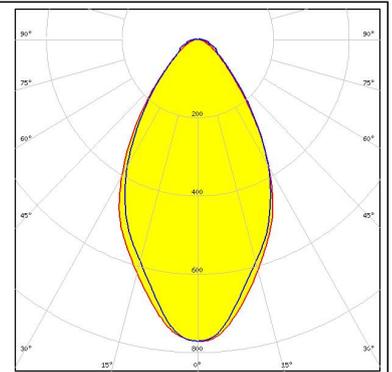
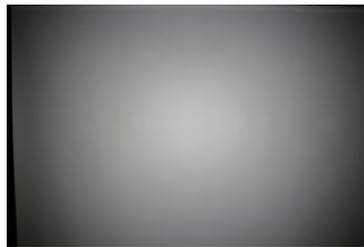
LED LLE G2 55mm 2000lm

FWHM 59.0°

Efficiency 88 %

Peak intensity 0.770 cd/lm

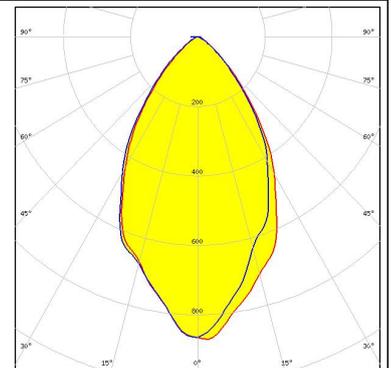
Required components:



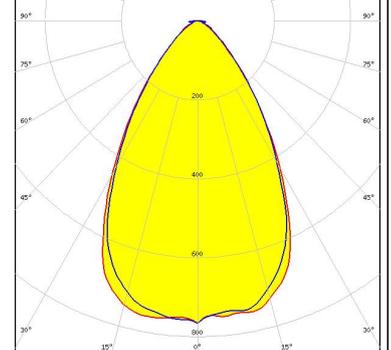
PHOTOMETRIC DATA (SIMULATED):



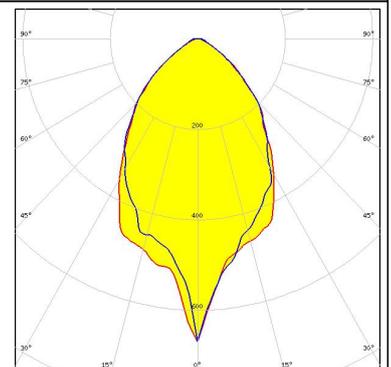
LED XP-G2
 FWHM 60.0°
 Efficiency 92 %
 Peak intensity 0.900 cd/lm
 Required components:



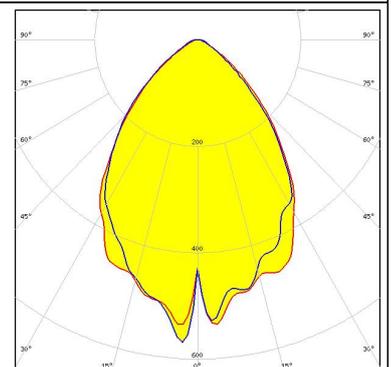
LED LUXEON 5050
 FWHM 64.0°
 Efficiency 94 %
 Peak intensity 0.770 cd/lm
 Required components:



LED LUXEON CZ
 FWHM 61.0°
 Efficiency 83 %
 Peak intensity 0.670 cd/lm
 Required components:



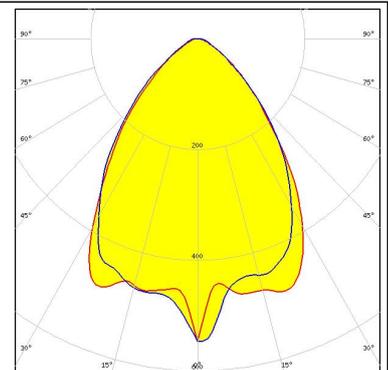
LED Duris E 2835
 FWHM 74.0°
 Efficiency 84 %
 Peak intensity 0.580 cd/lm
 Required components:



PHOTOMETRIC DATA (SIMULATED):

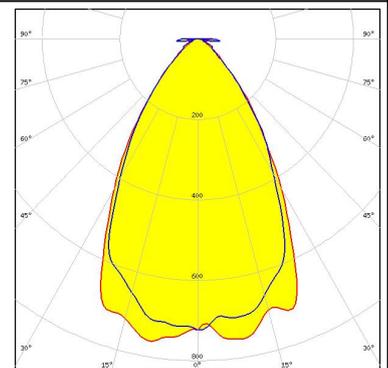
OSRAM
Opto Semiconductors

LED Duris S8
 FWHM 75.0°
 Efficiency 83 %
 Peak intensity 0.550 cd/lm
 Required components:



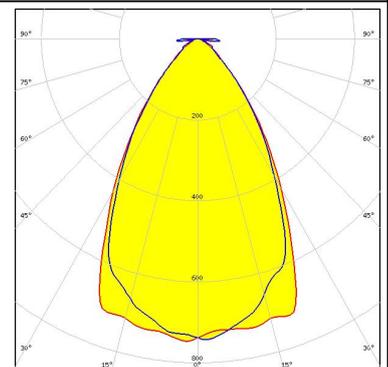
SEOL
SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM 62.0°
 Efficiency 93 %
 Peak intensity 0.770 cd/lm
 Required components:



SEOL
SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM 63.0°
 Efficiency 93 %
 Peak intensity 0.750 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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