

STRADA-2X2-TF

Narrow forward throw beam optimized for European tunnels

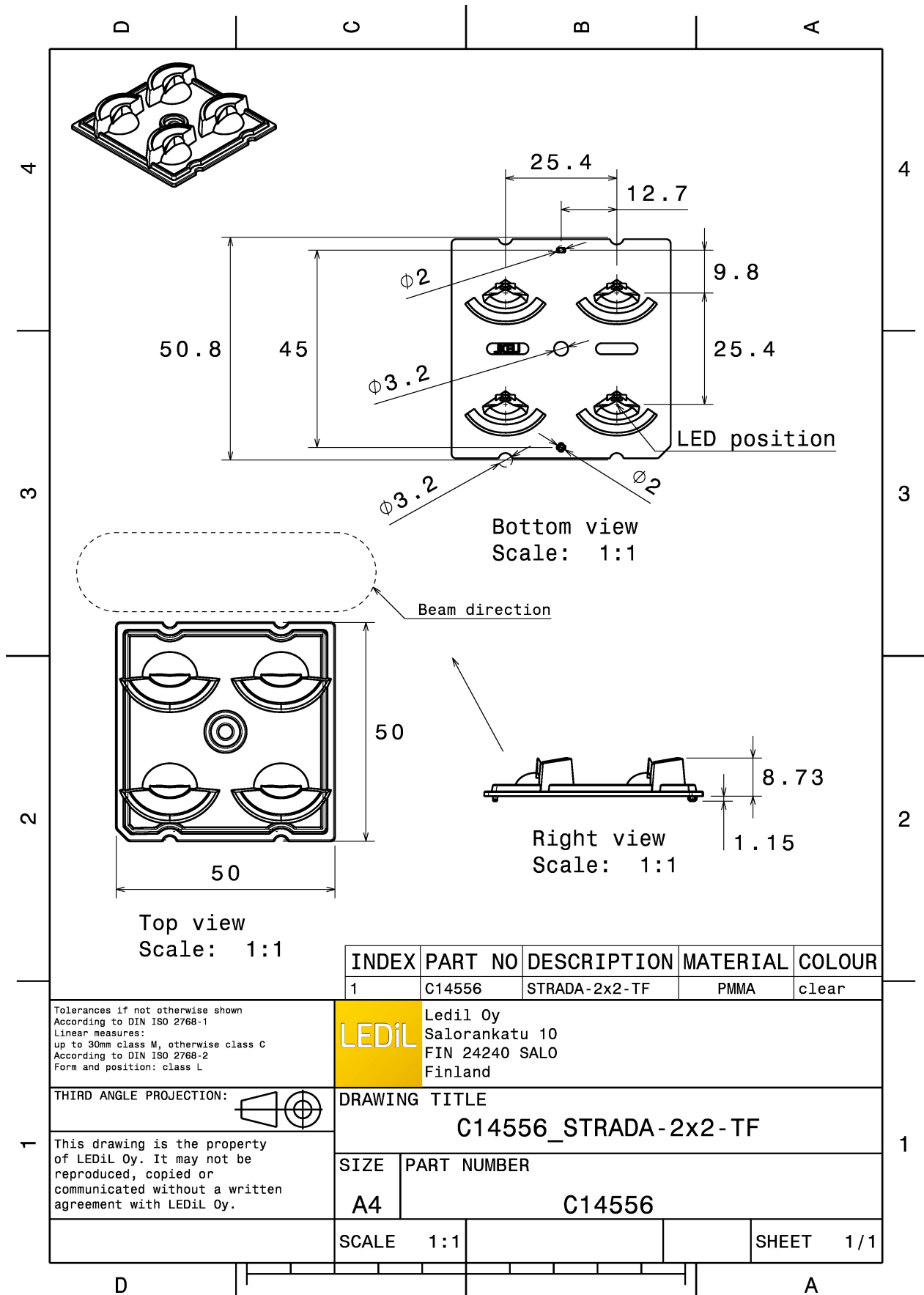
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	8.7 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.5 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

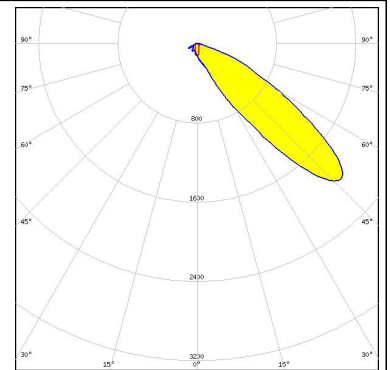
Component	Type	Material	Colour
STRADA-2X2-TF	Multi-lens	PMMA	clear



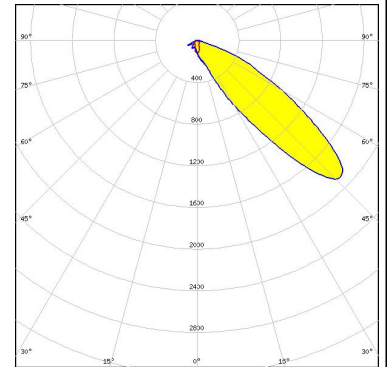
PHOTOMETRIC DATA (MEASURED):



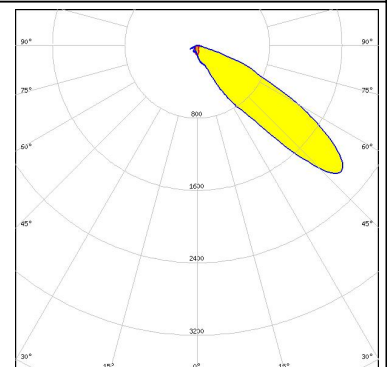
LED QUICK FLUX XTP 2x4 xxx LS G5
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



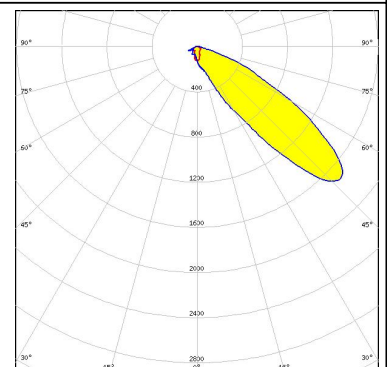
LED QUICK FLUX XTP 2x6 xxx LS G5
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



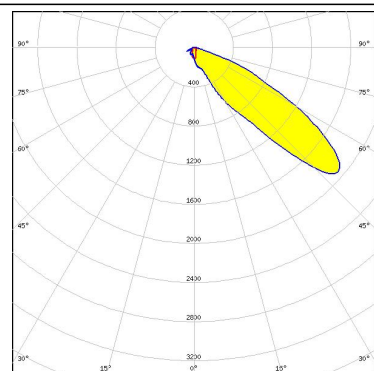
LED XP-G3
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



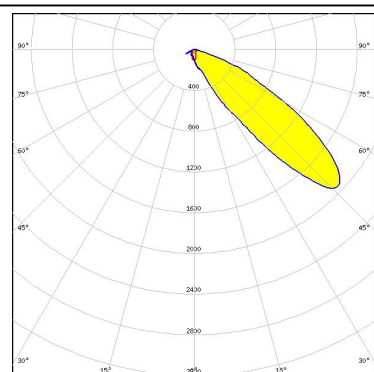
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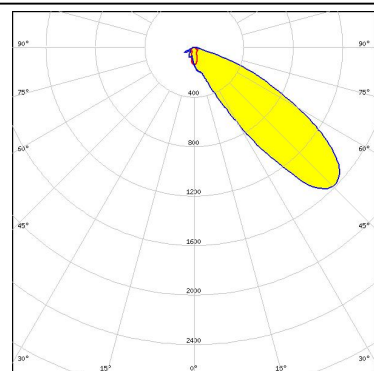
LED H35C1 (LEMWA33)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



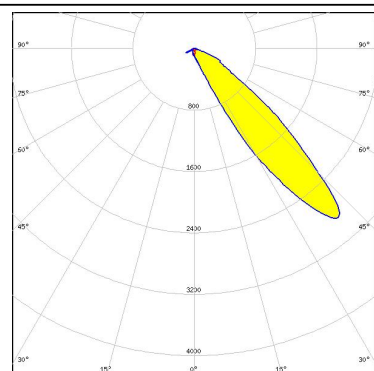
LED LUXEON T
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.950 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW3x9A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



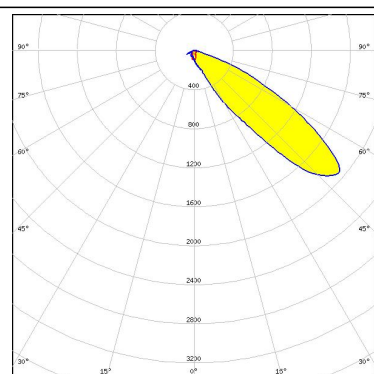
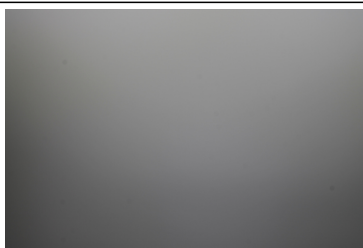
LED NVSxE21A
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

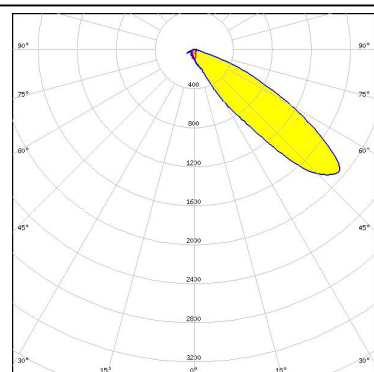
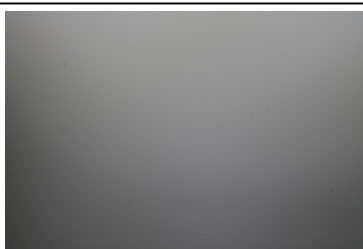
LED PrevaLED Brick HP 2x8
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

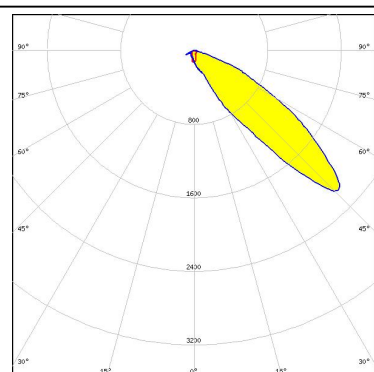
LED OSOLON Square CSSRM2/CSSRM3
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

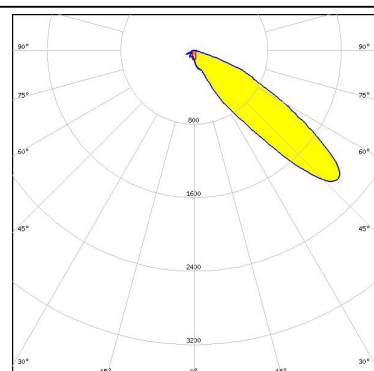
Opto Semiconductors

LED OSOLON Square PC
FWHM Asymmetric
Efficiency 94 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

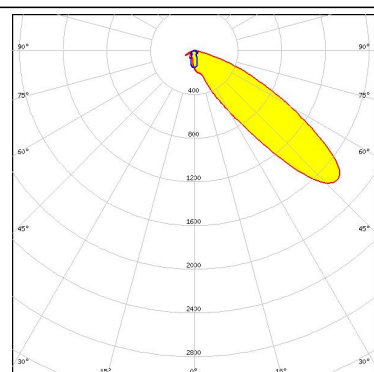
LED Fortimo FastFlex LED 2x8 DA G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

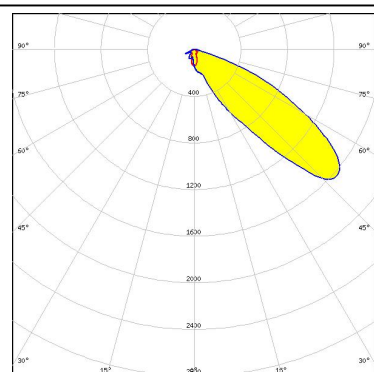
SAMSUNG

LED HiLOM RH16 (LH351C)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



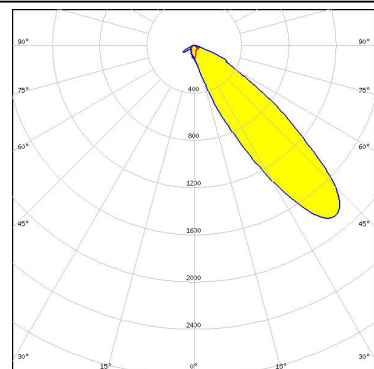
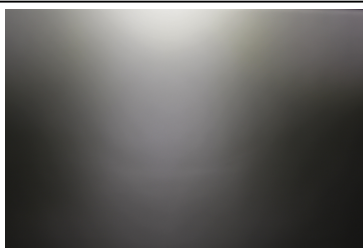
SAMSUNG

LED LH351B
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.640 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



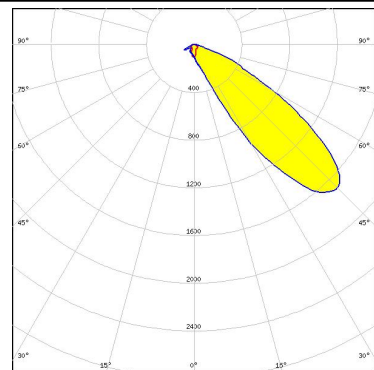
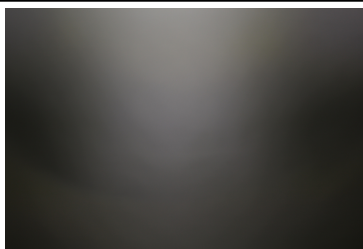
SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

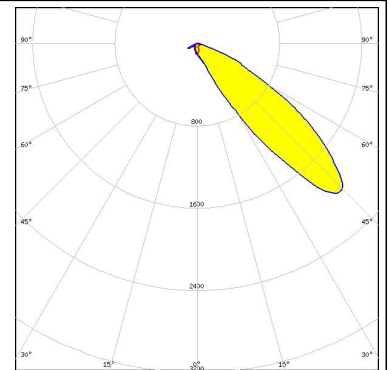


PHOTOMETRIC DATA (MEASURED):

TOSHIBA

Leading Innovation >>>

LED TL1L4
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

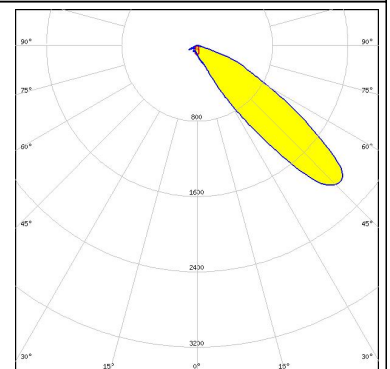


TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

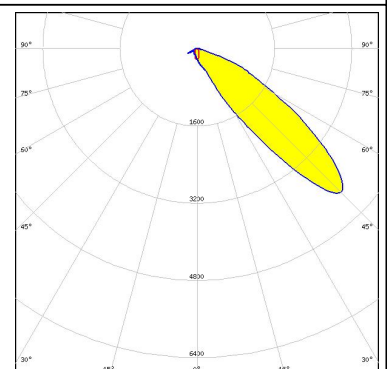
TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

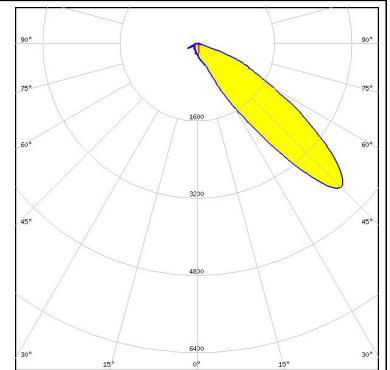
LED RLE G1 49x121mm 2000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

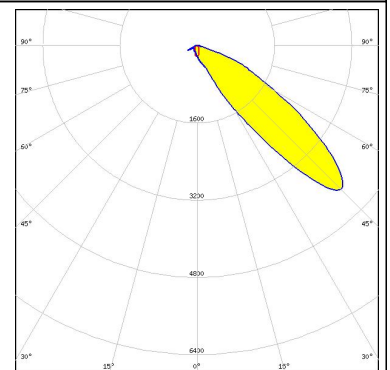
TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



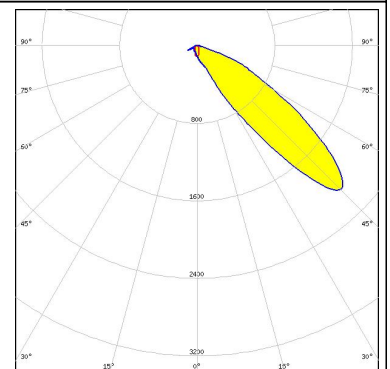
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

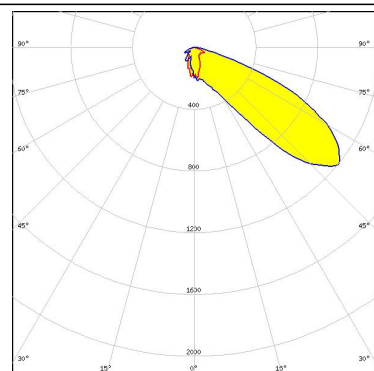
LED RLE G1 49x245mm 4000lm xxx EXC OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



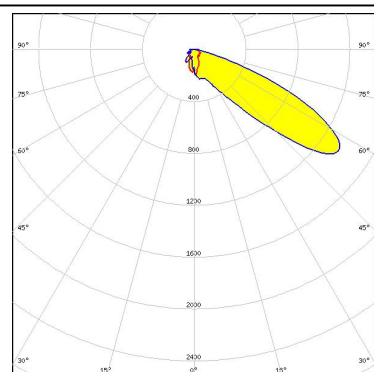
PHOTOMETRIC DATA (SIMULATED):



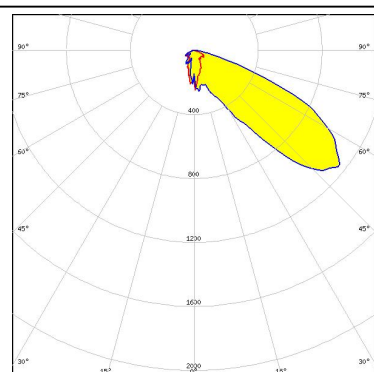
LED NWSx229A
FWHM Asymmetric
Efficiency 92 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



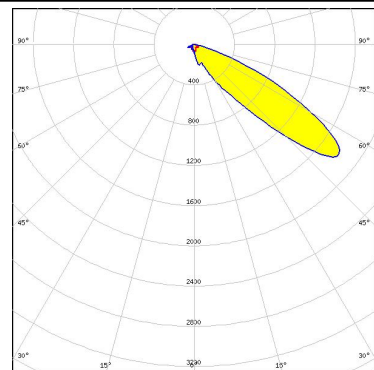
LED Fortimo FastFlex LED 2x8 DAX G4
FWHM Asymmetric
Efficiency 93 %
Peak intensity 1.360 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH351D
FWHM Asymmetric
Efficiency 88 %
Peak intensity 1.150 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z5M1/Z5M2
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.810 cd/lm
LEDs/each optic 1
Light colour White
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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