

STRADA-2X2-MEW

Beam with extremely low glare fulfilling EN13201 M-class requirements for wet road surfaces in North Europe

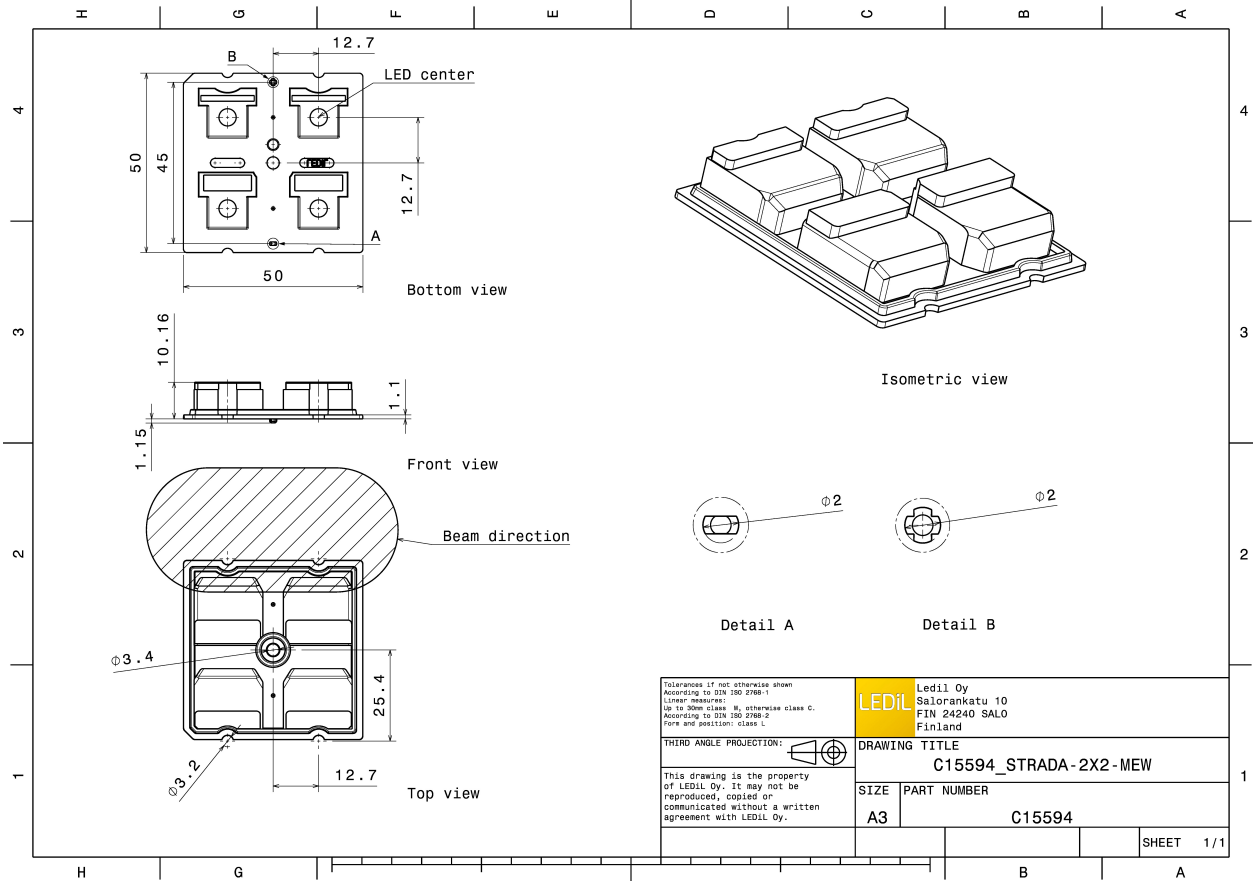
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10.2 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

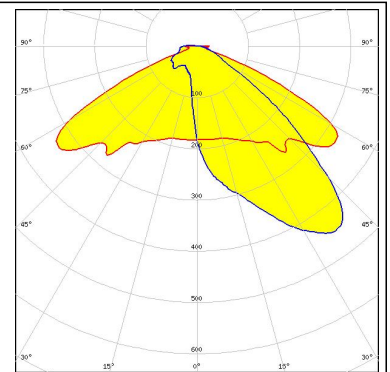
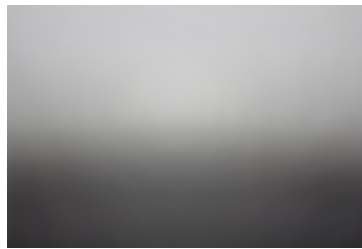
Component	Type	Material	Colour
STRADA-2X2-MEW	Multi-lens	PMMA	clear



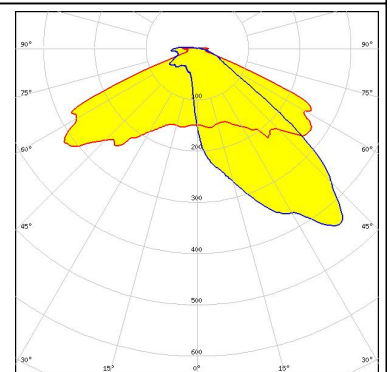
PHOTOMETRIC DATA (MEASURED):



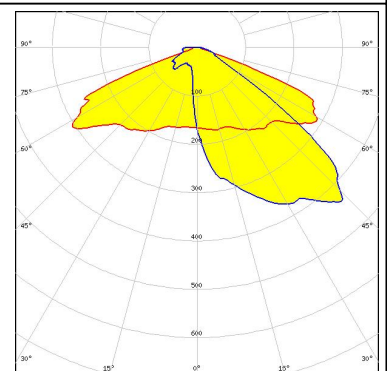
LED XD16
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.700 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



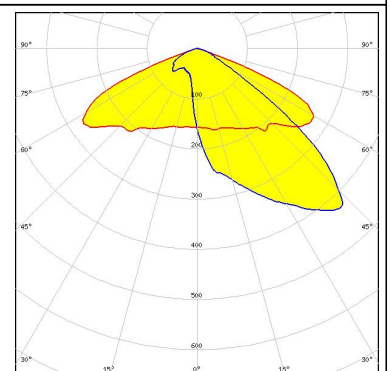
LED XD16
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



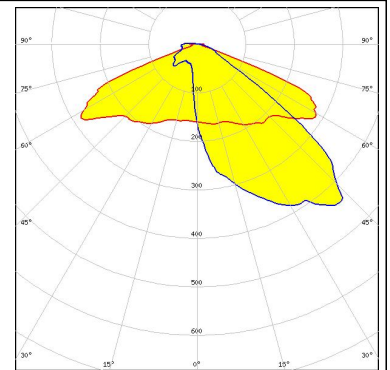
LED XP-G3
 FWHM Asymmetric
 Efficiency 86 %
 Peak intensity 0.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



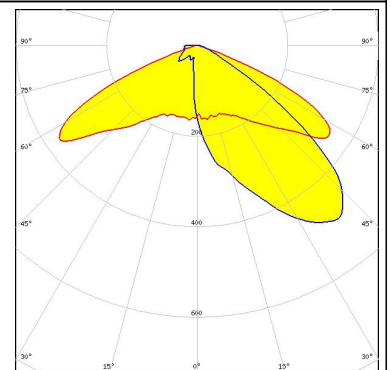
PHOTOMETRIC DATA (MEASURED):



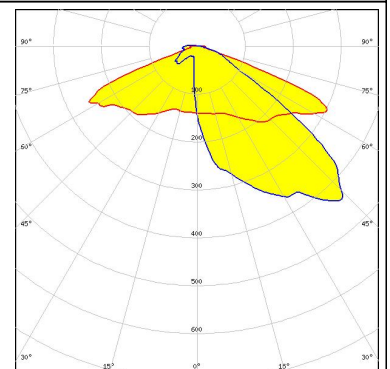
LED XP-L HI
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



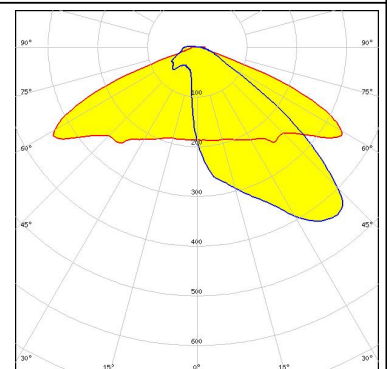
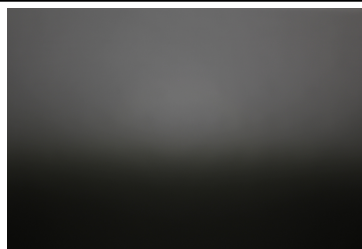
LED LUXEON 5050 Round LES
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.720 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON TX
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



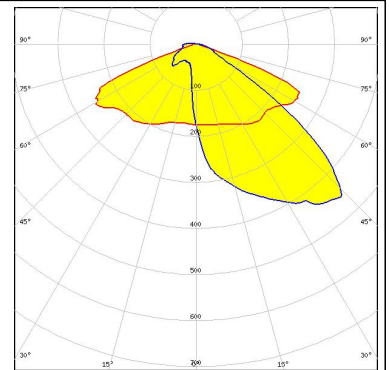
LED LUXEON V
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.770 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



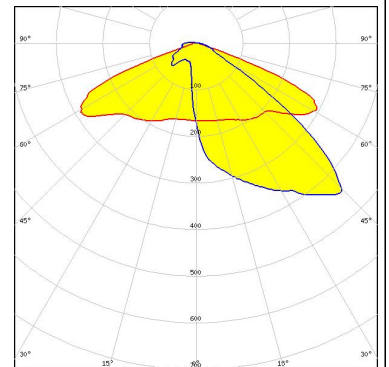
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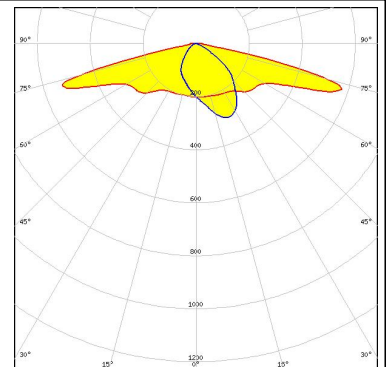
LED NVSW219D
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.990 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW319B
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED PrevaLED Brick HP 2x8
FWHM Asymmetric
Efficiency 87 %
Peak intensity 0.950 cd/lm
LEDs/each optic 1
Light colour White
Required components:

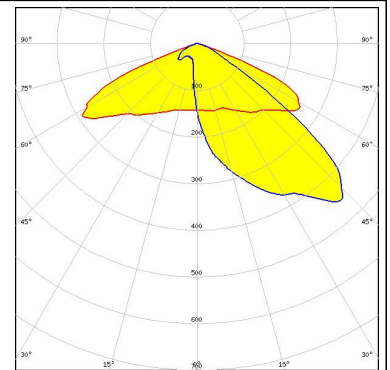
PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 0.950 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

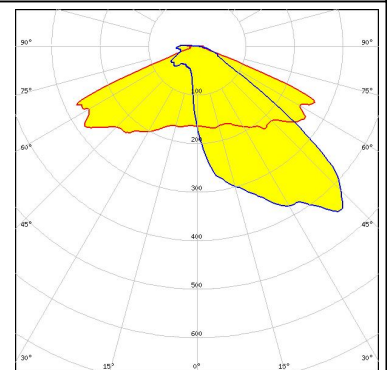
Transparent protective cover



OSRAM

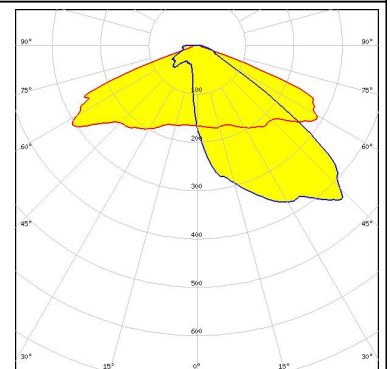
Opto Semiconductors

LED OSLON Square PC
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



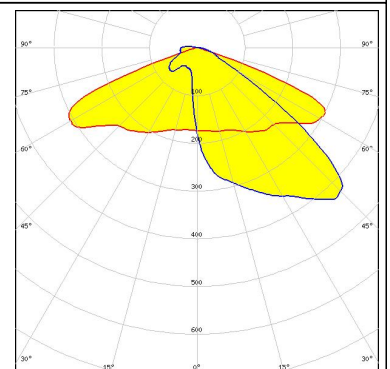
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

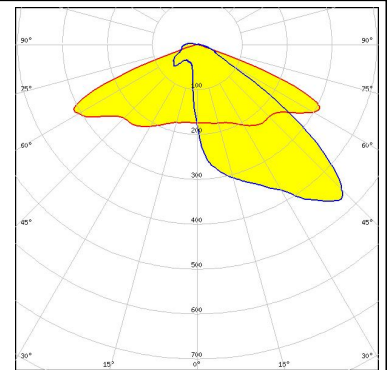
LED Fortimo FastFlex LED 2x8 DA G4+
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.951 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

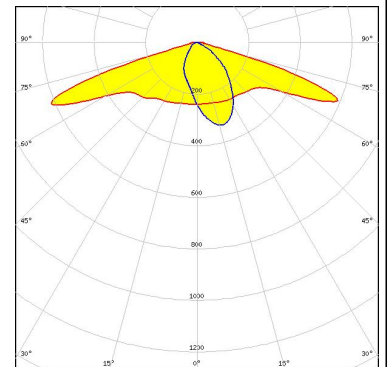
SAMSUNG

LED HiLOM RH16 (LH351C)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.990 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



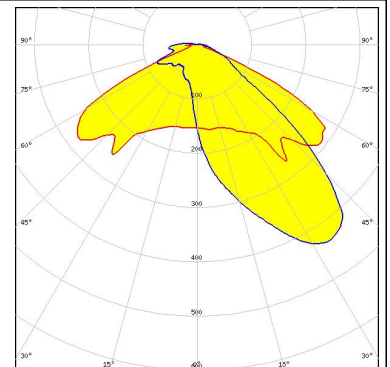
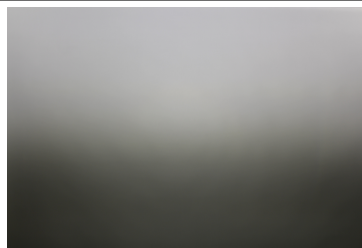
SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.890 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.890 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



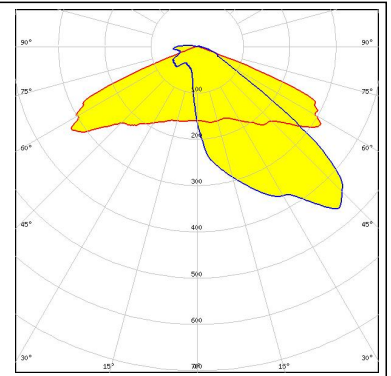
TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.200 cd/m
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



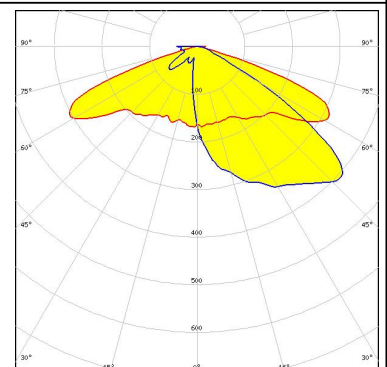
LED XHP35 HI
FWHM Asymmetric
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L2
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



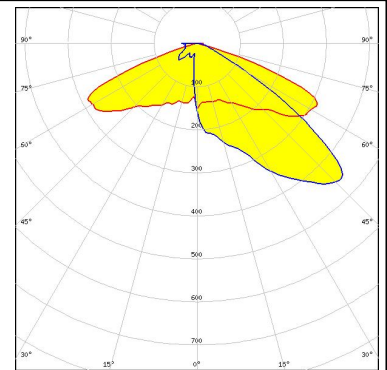
LED XP-G2 HE
FWHM Asymmetric
Efficiency 93 %
Peak intensity 0.846 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



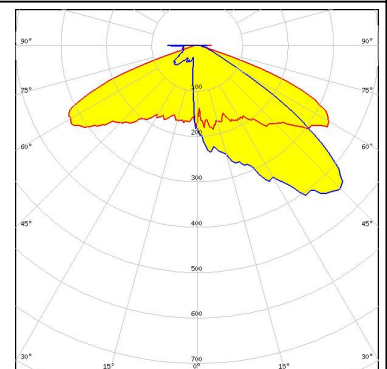
LED XP-L HD
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.850 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



LED XP-L2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

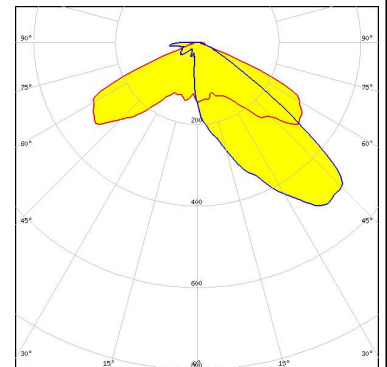
PHOTOMETRIC DATA (SIMULATED):



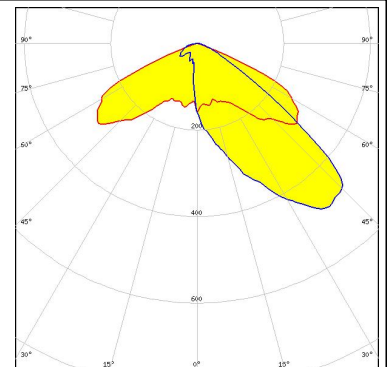
LED NCSxx19B
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM Asymmetric
Efficiency 86 %
Peak intensity 0.960 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM Asymmetric
Efficiency 0 %
Peak intensity 0.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

OSRAM

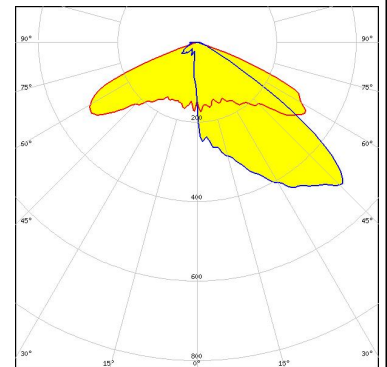
Opto Semiconductors

LED Duris S8
 FWHM Asymmetric
 Efficiency %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OSRAM

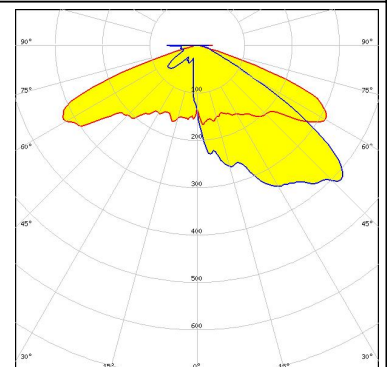
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



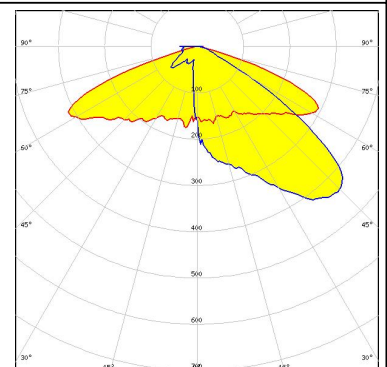
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.880 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351D
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.800 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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