

STRADELLA-16-T1-A

Asymmetric IESNA Type I (short) beam designed for tilted poles. Suitable for Indian EESL specification.

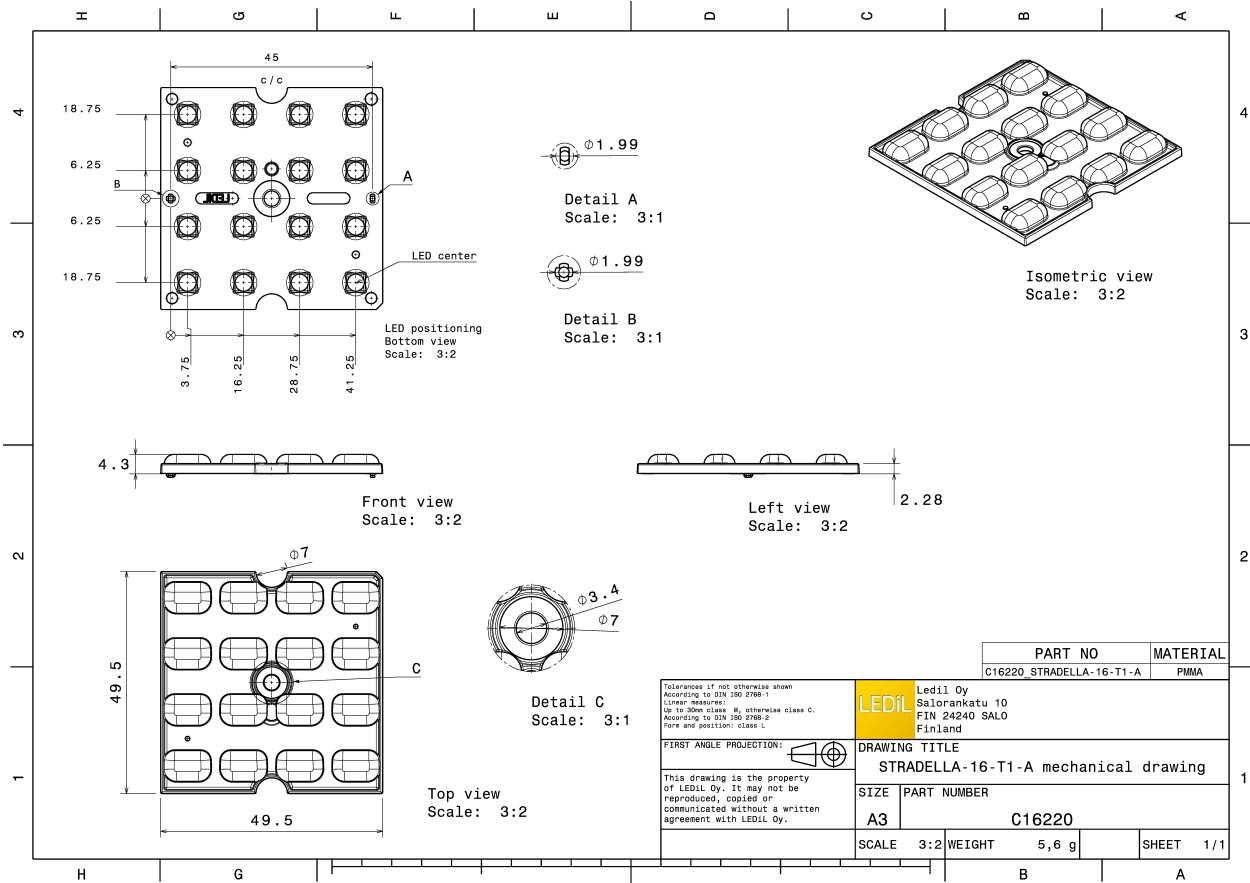
TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	4.3 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

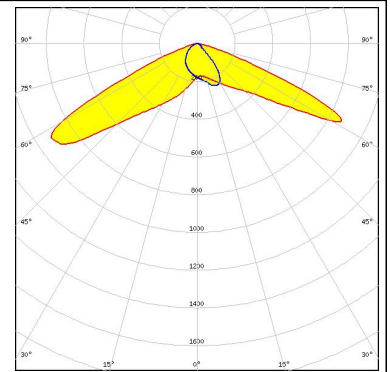
Component	Type	Material	Colour
STRADELLA-16-T1-A	Multi-lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

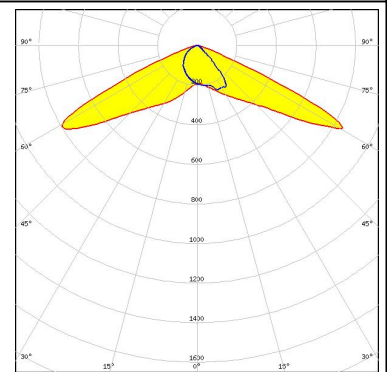
LG Innotek

LED LG 3030
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.980 cd/lm
LEDs/each optic 1
Light colour White
Required components:



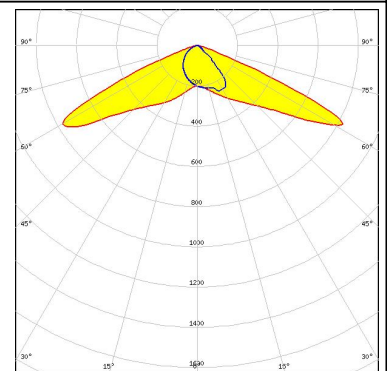
NICHIA

LED NFSx757D
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



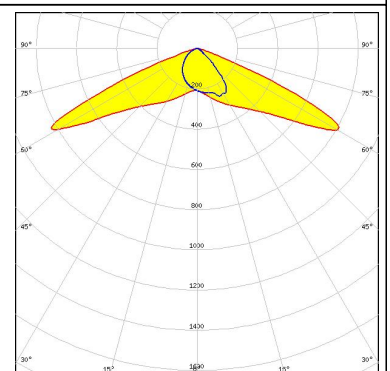
NICHIA

LED NFSx757G
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.960 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

LED PrevaLED Brick MP 4x16
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.950 cd/lm
LEDs/each optic 1
Light colour White
Required components:

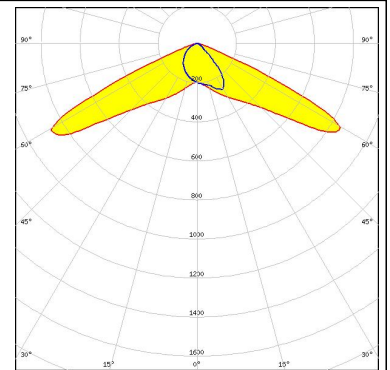


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

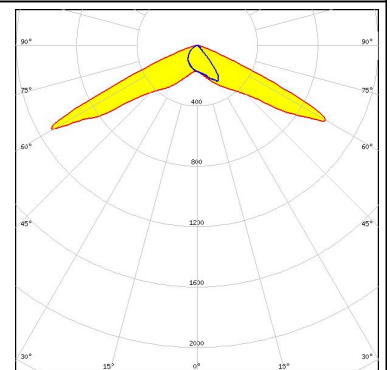
LED Duris S5 (2 chip)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.938 cd/lm
 LEDs/each optic 1
 Light colour Purple
 Required components:



OSRAM

Opto Semiconductors

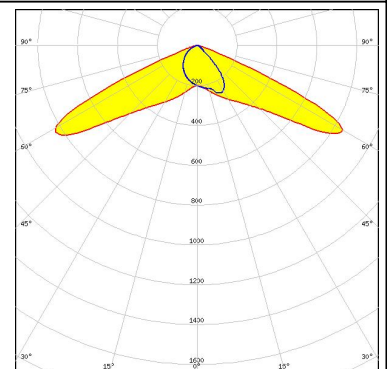
LED Duris S5 (Single chip)
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

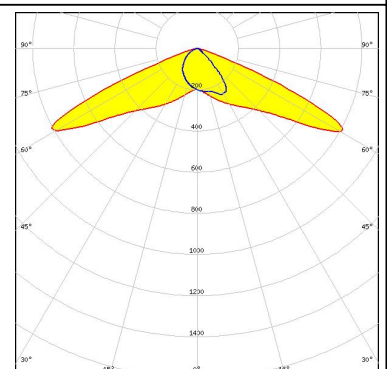
Opto Semiconductors

LED OSCONIQ S 3030
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.876 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

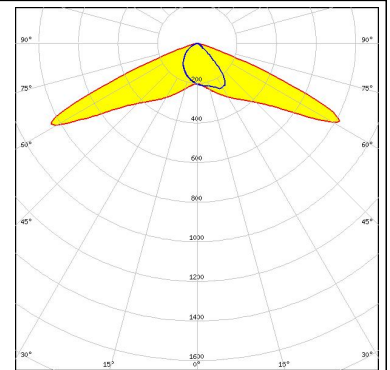
LED Fortimo FastFlex LED 4x16 DHE G4
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.980 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

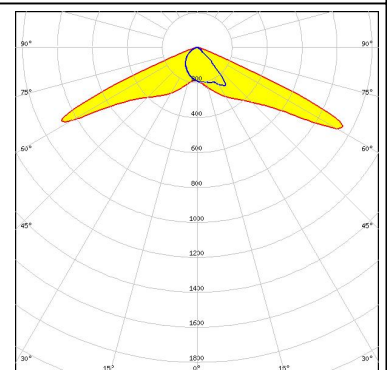
SAMSUNG

LED HiLOM RM64 (LM301B)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.970 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



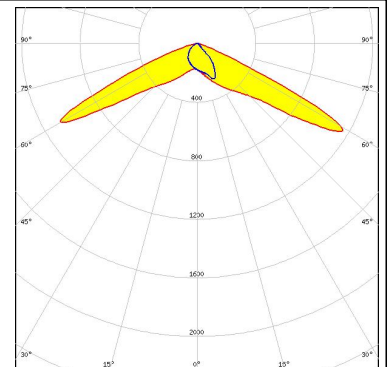
SAMSUNG

LED LM231 A/B
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



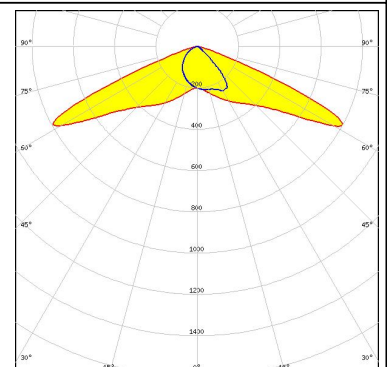
SEOUL SEMICONDUCTOR

LED SEOUL 3030
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

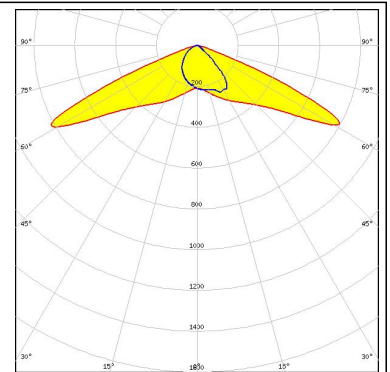
LED RLE 4x16 4000lm MP ADV2 OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE 4x16 4000lm MP ADV2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.948 cd/lm
LEDs/each optic 1
Light colour White
Required components:



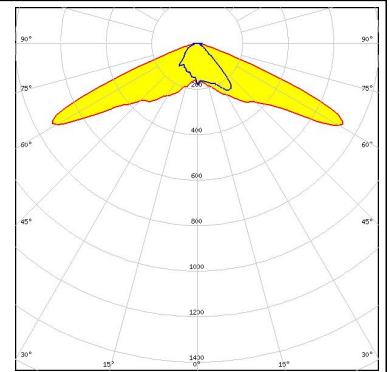
TRIDONIC

LED RLE 4x8 2000lm MP ADV2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:

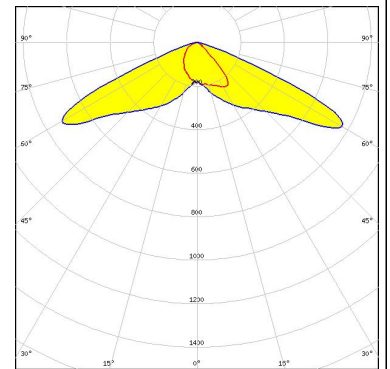
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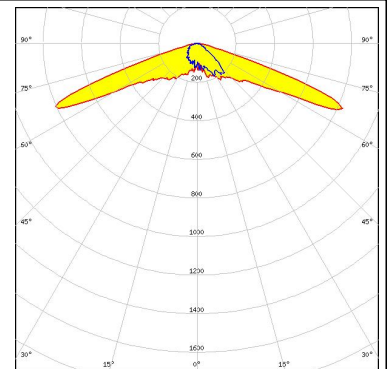
LED XD16
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.780 cd/lm
LEDs/each optic 1
Light colour White
Required components:



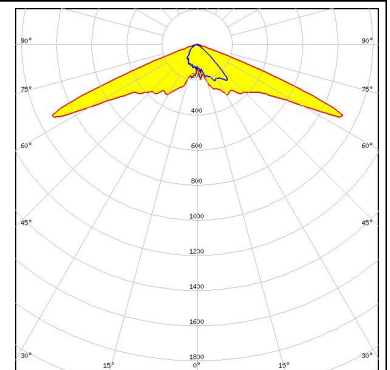
LED LUXEON 3030 2D (Round LES)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.893 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM Asymmetric
Efficiency 92 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



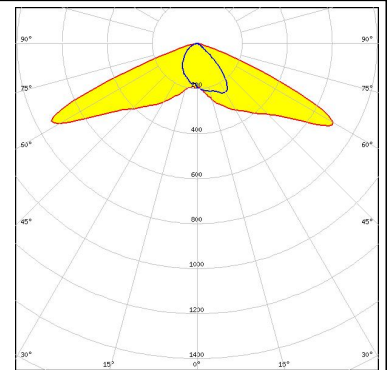
LED LUXEON CZ
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



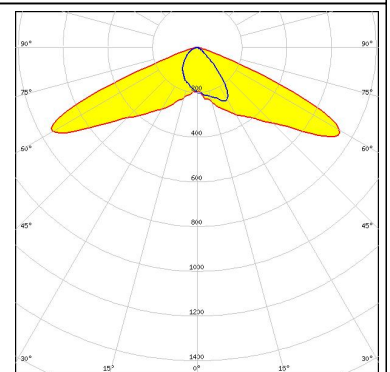
PHOTOMETRIC DATA (SIMULATED):



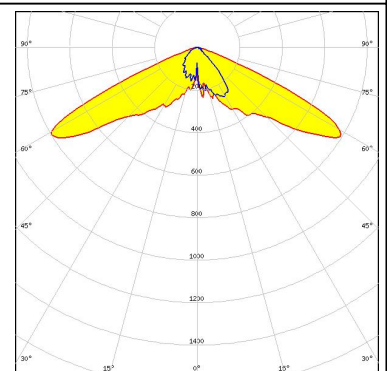
LED NF2x757G
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.760 cd/lm
LEDs/each optic 1
Light colour White
Required components:



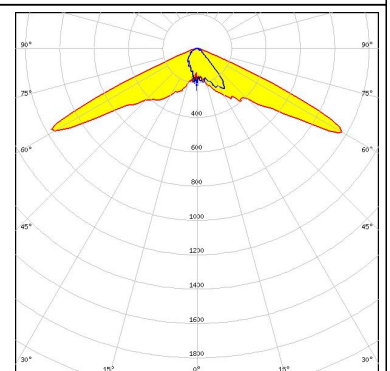
LED Duris S5 (2 chip)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.750 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH181B
FWHM Asymmetric
Efficiency 94 %
Peak intensity 0.840 cd/lm
LEDs/each optic 1
Light colour White
Required components:



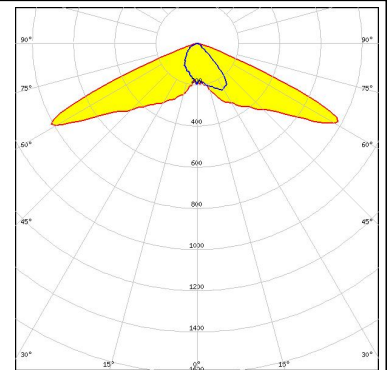
LED LM101B
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

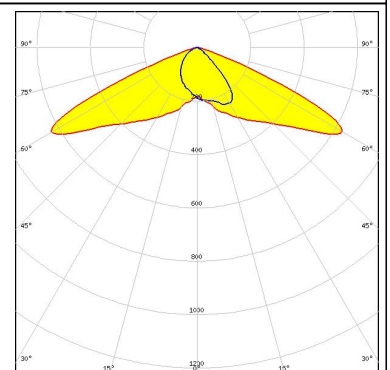
SAMSUNG

LED LM28xB Series
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.870 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

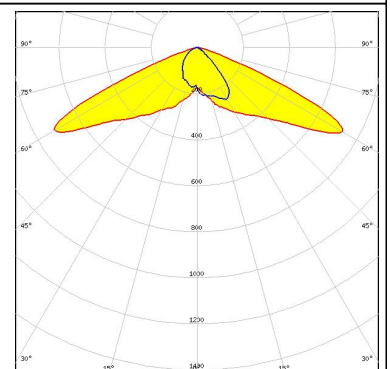
LED LM301B
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 0.667 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Transparent protective cover

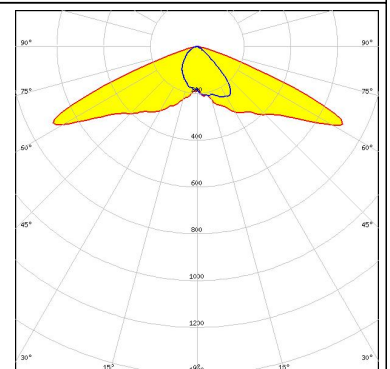
SAMSUNG

LED LM301B
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.760 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
 FWHM Asymmetric
 Efficiency 95 %
 Peak intensity 0.755 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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