STRADELLA-16-T1-A

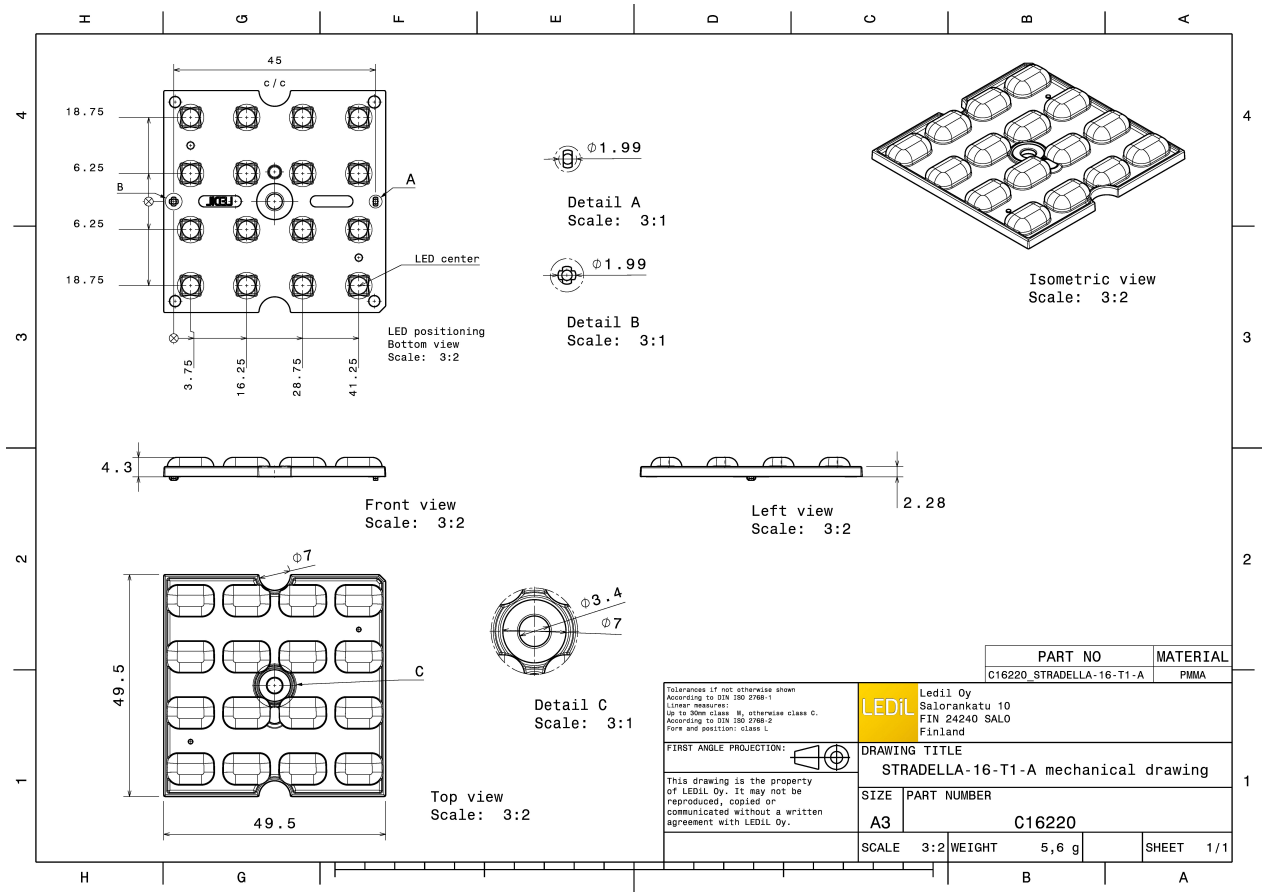
Asymmetric IESNA Type I (short) beam designed for tilted poles. Suitable for Indian EESL specification.

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:

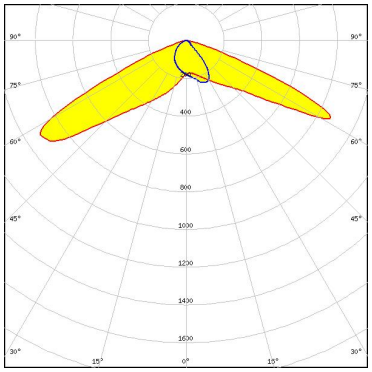
Component	Type	Material	Colour
STRADELLA-16-T1-A	Multi-lens	PMMA	clear


45
c / c
18.75
6.25
6.25
18.75
A
B
LED center
3.75
16.25
28.75
41.25
LED positioning
Bottom view
Scale: 3:2
Φ1.99
Detail A
Scale: 3:1
Φ1.99
Detail B
Scale: 3:1
Isometric view
Scale: 3:2
4.3
Front view
Scale: 3:2
2.28
Left view
Scale: 3:2
Φ7
49.5
C
49.5
Top view
Scale: 3:2
Φ3.4
Φ7
Detail C
Scale: 3:1
PART NO
C16220_STRADELLA-16-T1-A
MATERIAL
PMMA
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland
FIRST ANGLE PROJECTION:
DRAWING TITLE
STRADELLA-16-T1-A mechanical drawing
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.
SIZE
A3
PART NUMBER
C16220
SCALE 3:2
WEIGHT 5,6 g
SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

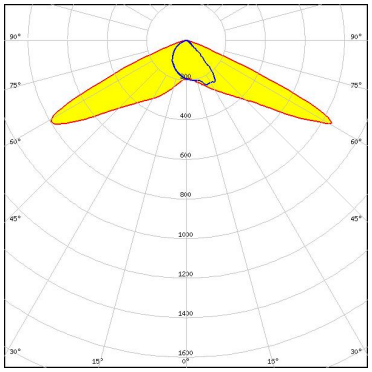
LG Innotek

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



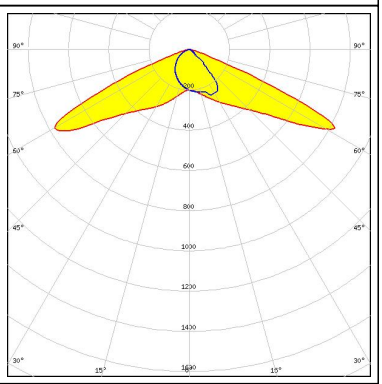
NICHIA

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



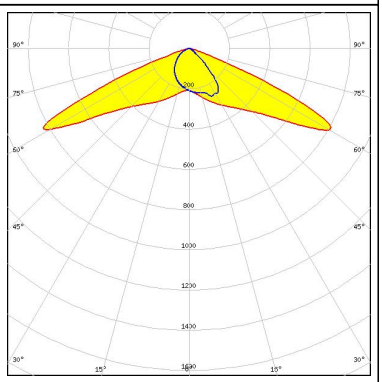
NICHIA

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



OSRAM

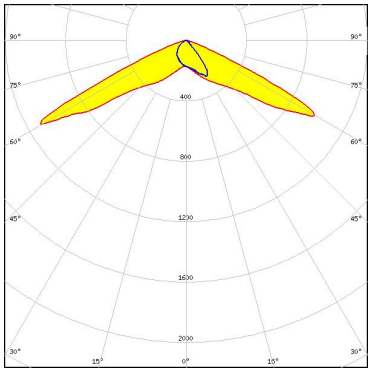
LED	PrevaLED Brick MP 4x16
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.950 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

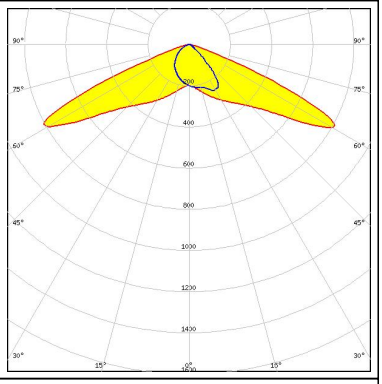
OSRAM
Opto Semiconductors

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



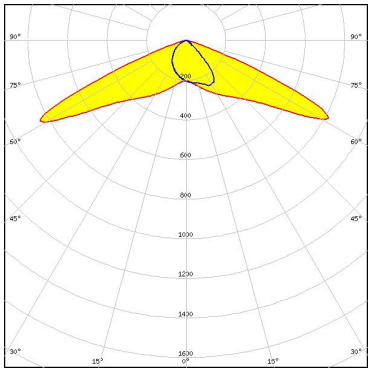
PHILIPS

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:	



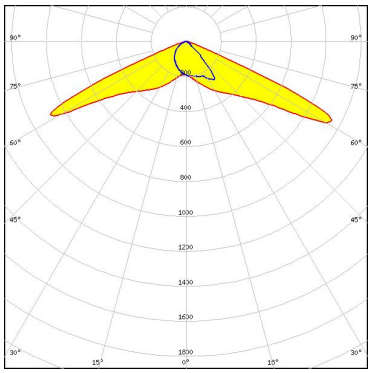
SAMSUNG

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



SAMSUNG

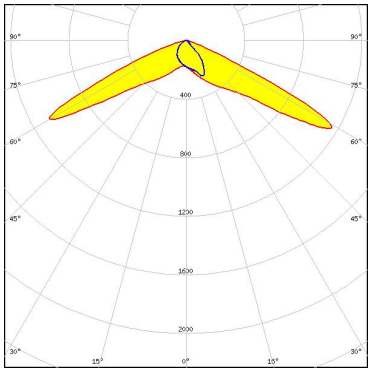
LED	LM231 A/B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.200 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

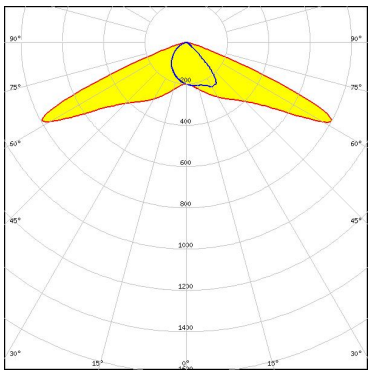
SEOUL SEMICONDUCTOR

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:	



TRIDONIC

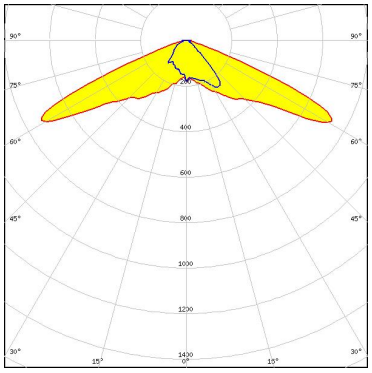
LED	RLE 4x8 2000lm MP ADV2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE

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

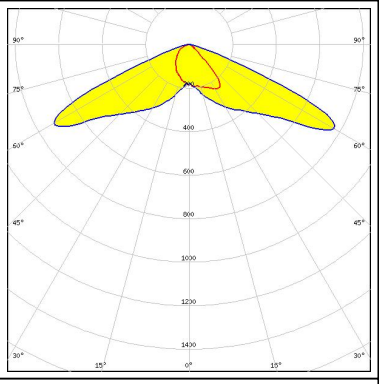
Required components:



LUMILEDS

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

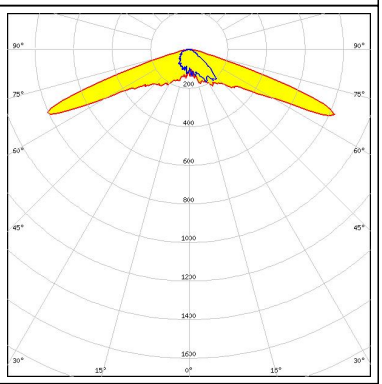
Required components:



LUMILEDS

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

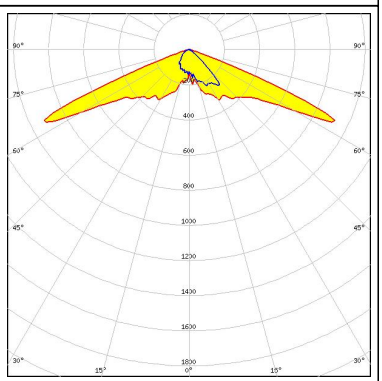
Required components:



LUMILEDS

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

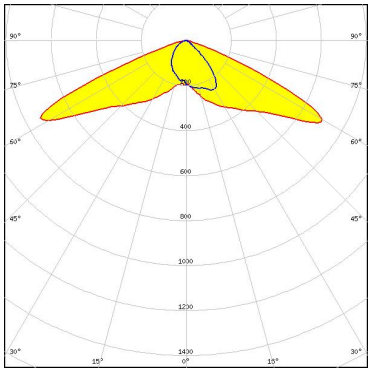
Required components:



PHOTOMETRIC DATA (SIMULATED):

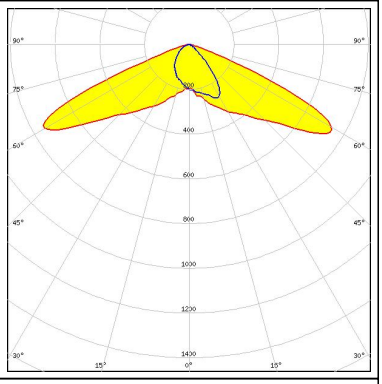
NICHIA

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



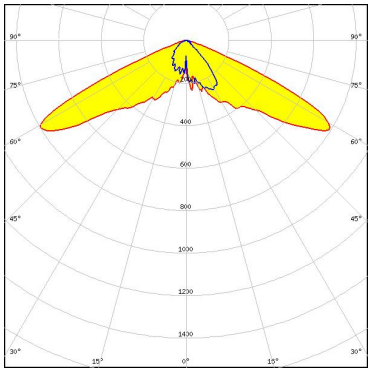
OSRAM
Opto Semiconductors

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



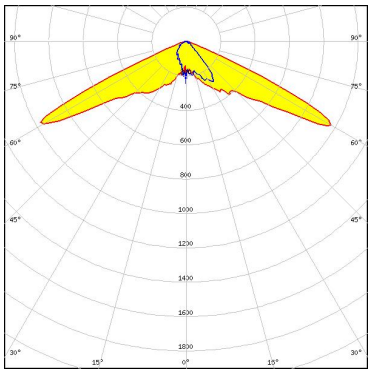
SAMSUNG

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



SAMSUNG

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

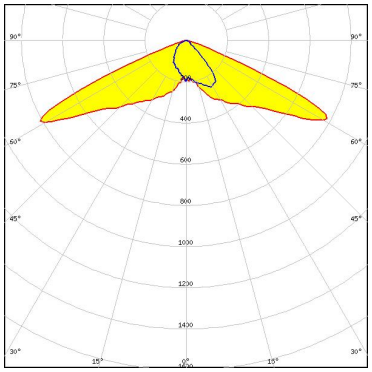


PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

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

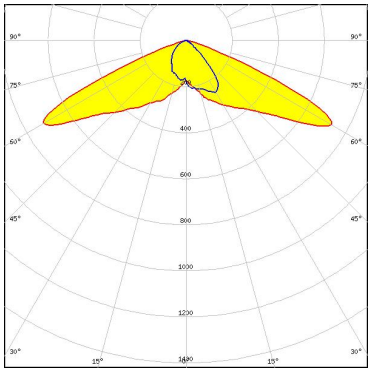
Required components:



SAMSUNG

LED	LM301B
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.760 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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