

STRADA-2X2-FR

Asymmetric spotlight beam for floodlighting railway tracks according to Russian normative

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	11.8 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

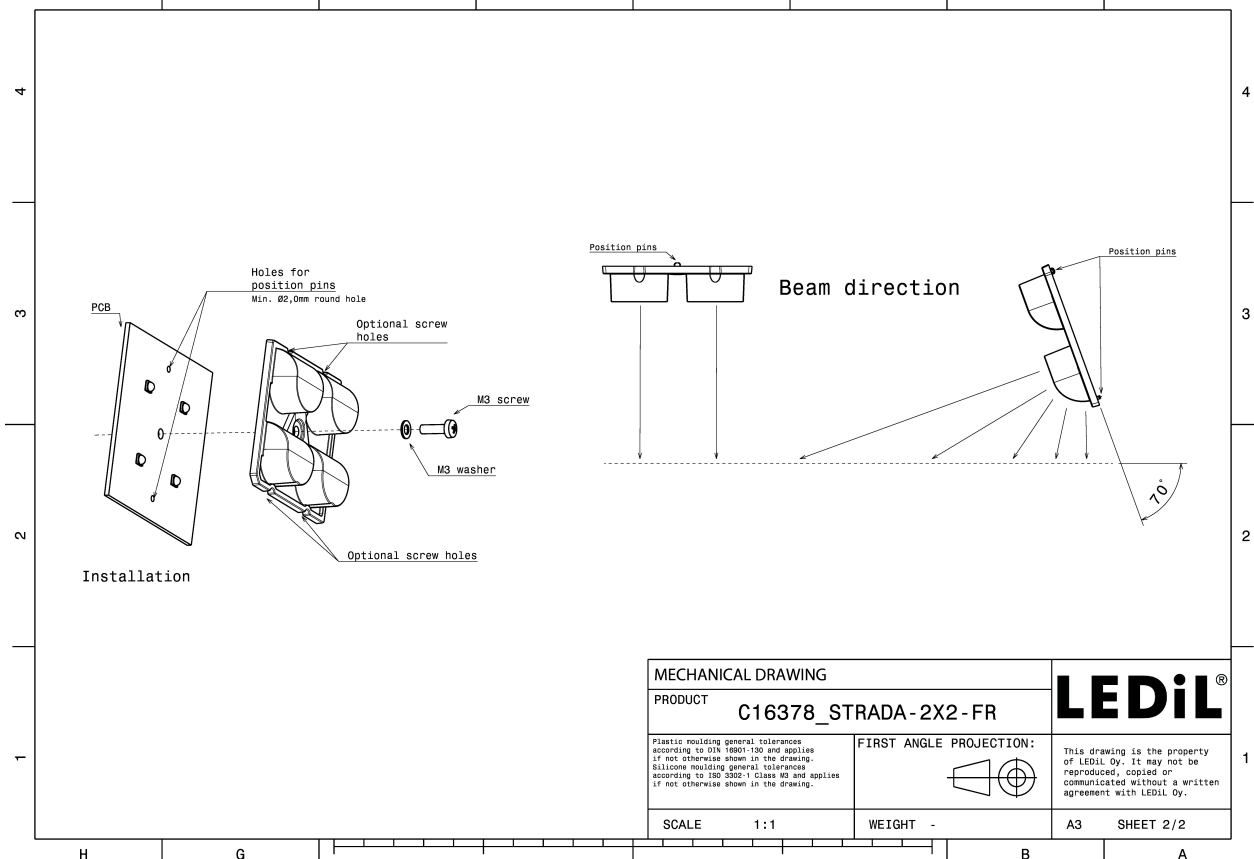
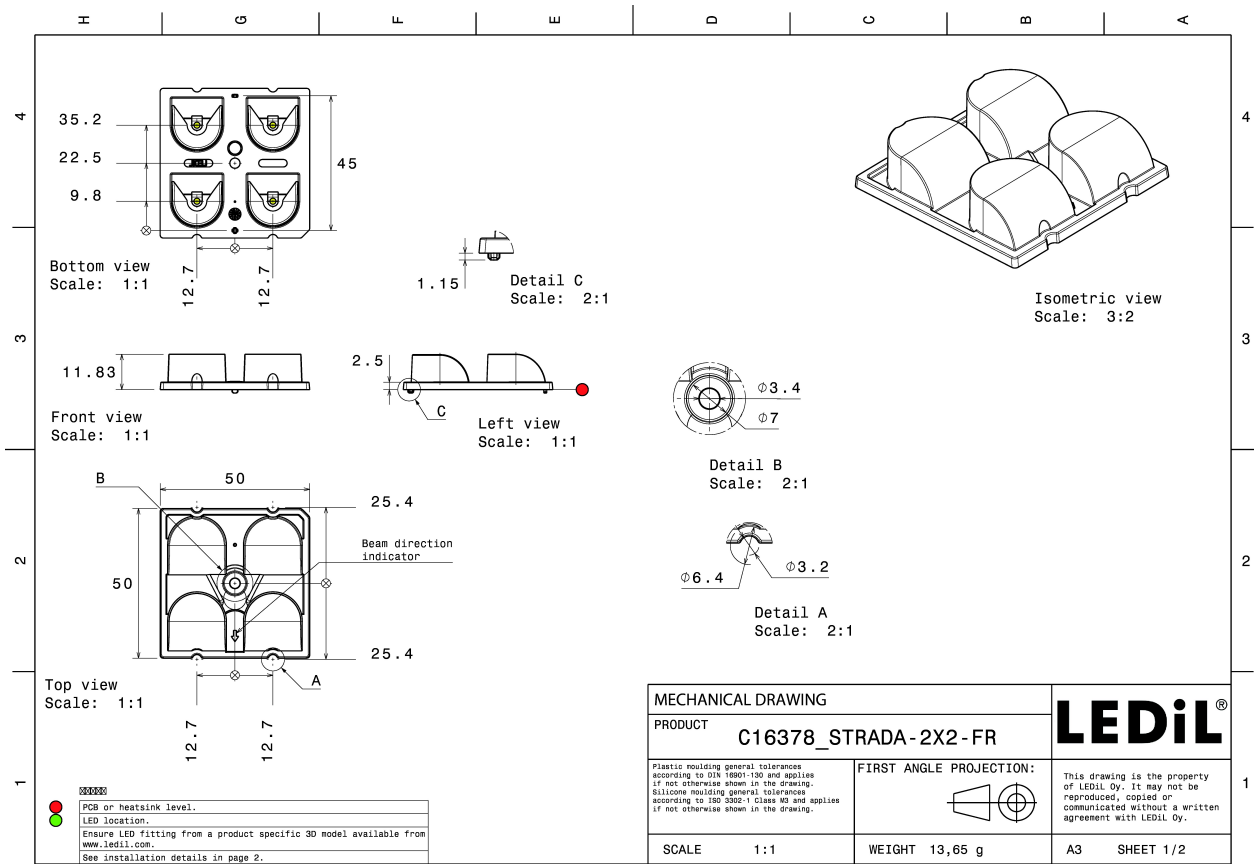
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16378_STRADA-2X2-FR » Box size: 476 x 273 x 292 mm	800		160	11.7



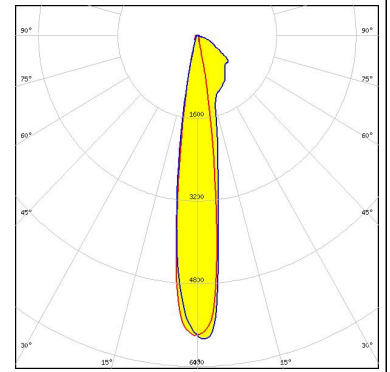


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

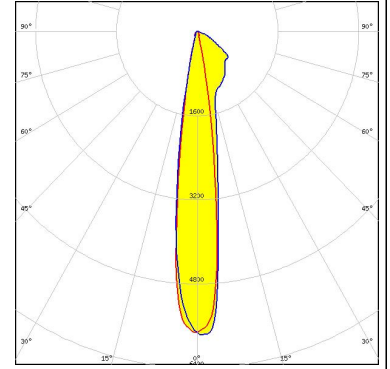


LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



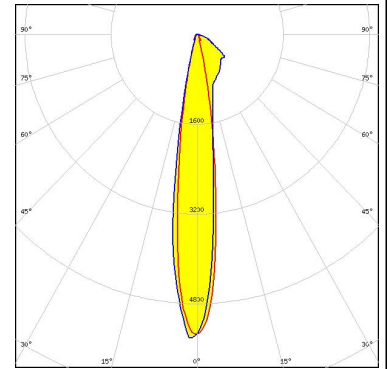
LED XP-G2
FWHM / FWTM Asymmetric
Efficiency 90 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass

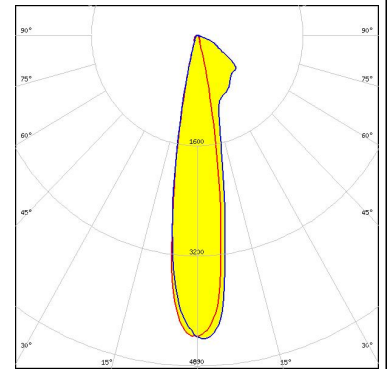


Your solutions

LED RecLED 122x50mm 1900lm 730 2x4 Opt G1
FWHM / FWTM Asymmetric
Efficiency 97 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



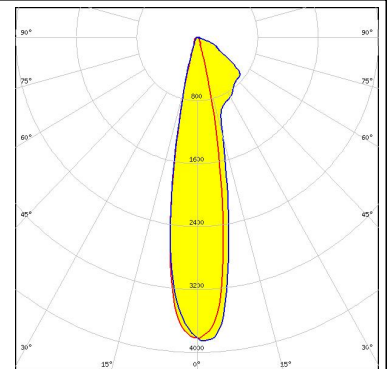
LED NVSW219F
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



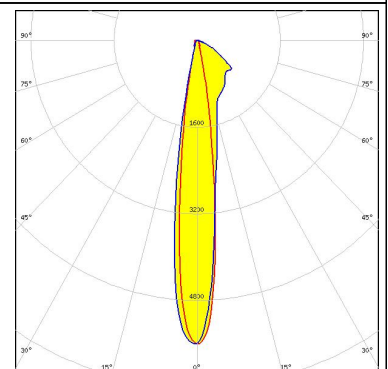
OPTICAL RESULTS (MEASURED):



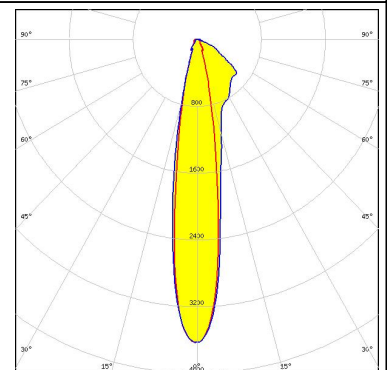
LED NVSW319B
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLOM Square PC
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



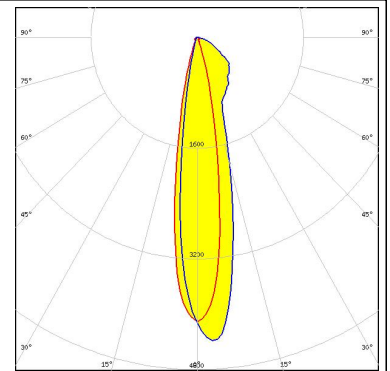
LED Z5M3
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

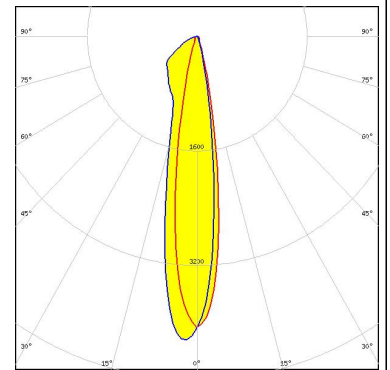


LED XP-G2 HE
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

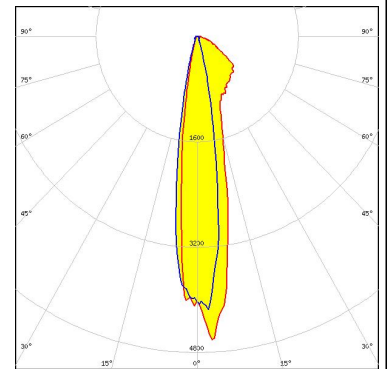


LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

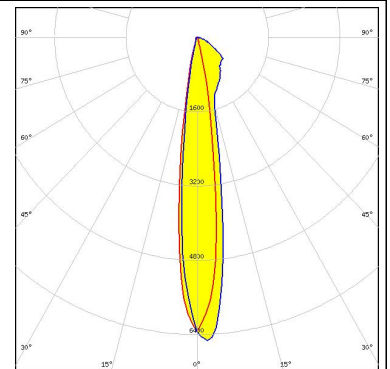
Protective plate, glass



LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



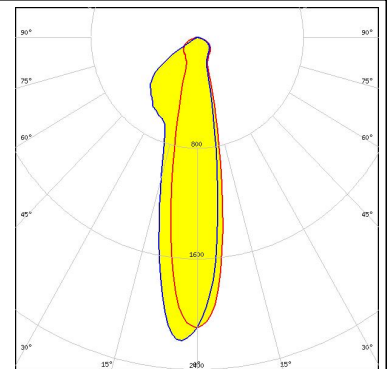
LED LUXEON TX
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

LUMILEDS

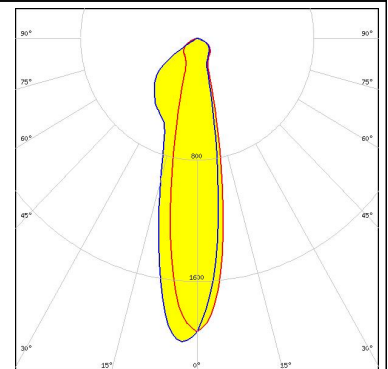
LED	LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

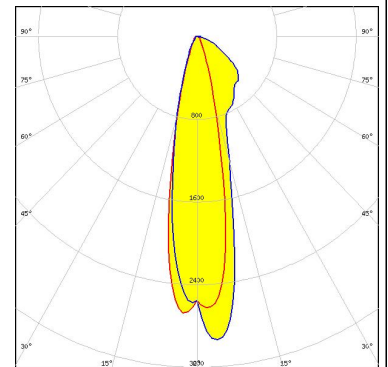
LED	LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



NICHIA

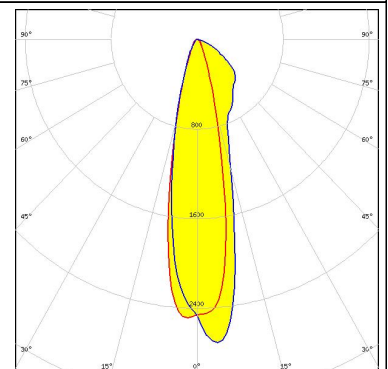
LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NV4WB35AM
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

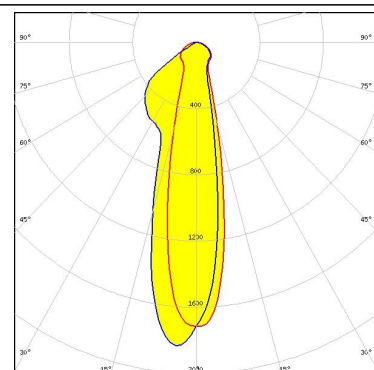
Protective plate, glass



OPTICAL RESULTS (SIMULATED):

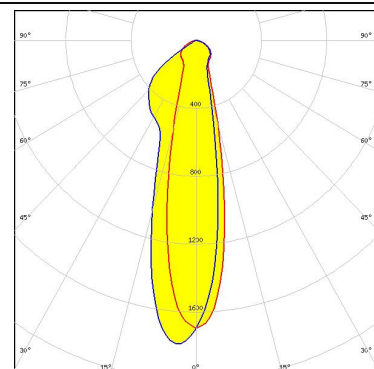


LED NVSW519A
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

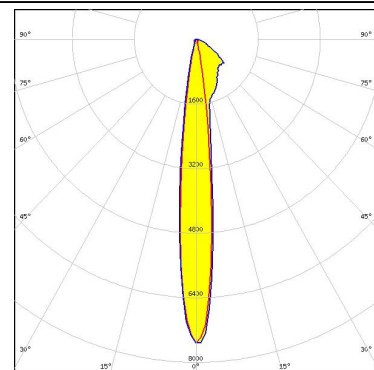


LED NVSW519A
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

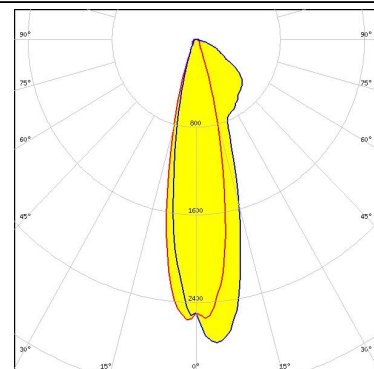
Protective plate, glass



LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NWSx229A
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

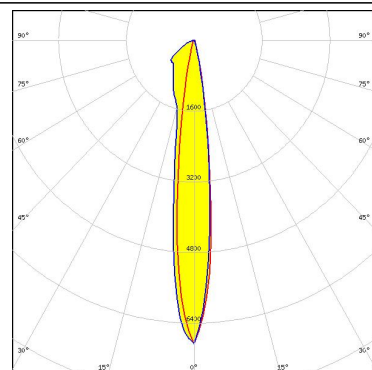


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

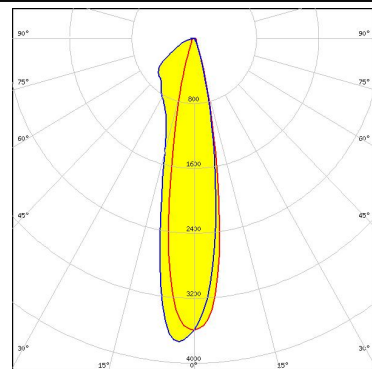
LED OSCONIQ P 3737 (2W version)
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

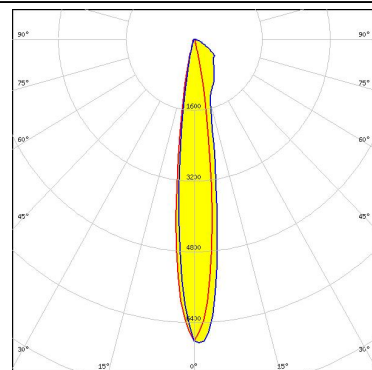
LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

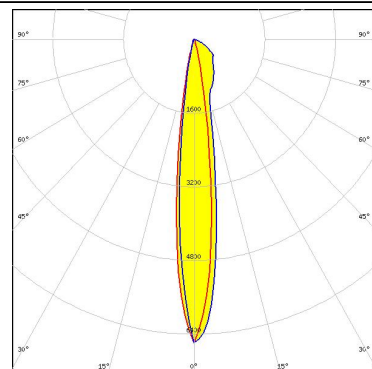


OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

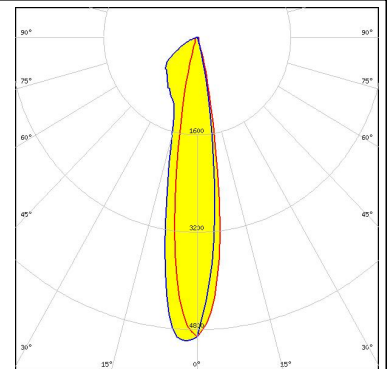
Protective plate, glass



OPTICAL RESULTS (SIMULATED):

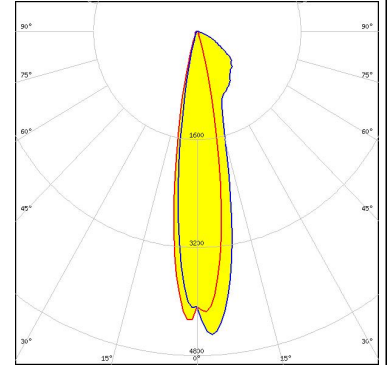
SAMSUNG

LED LH351B
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



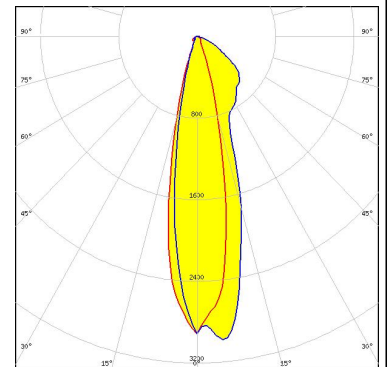
SAMSUNG

LED LH351C
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351D
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 3 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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