

STRADA-2X2-5050-T2-C2

IESNA Type II (medium) beam with added house side backlight. Designed for tilted and long armatures. Variant optimized for flat 5050 size LED packages.

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	7.4 mm
ROHS compliant	yes ⓘ

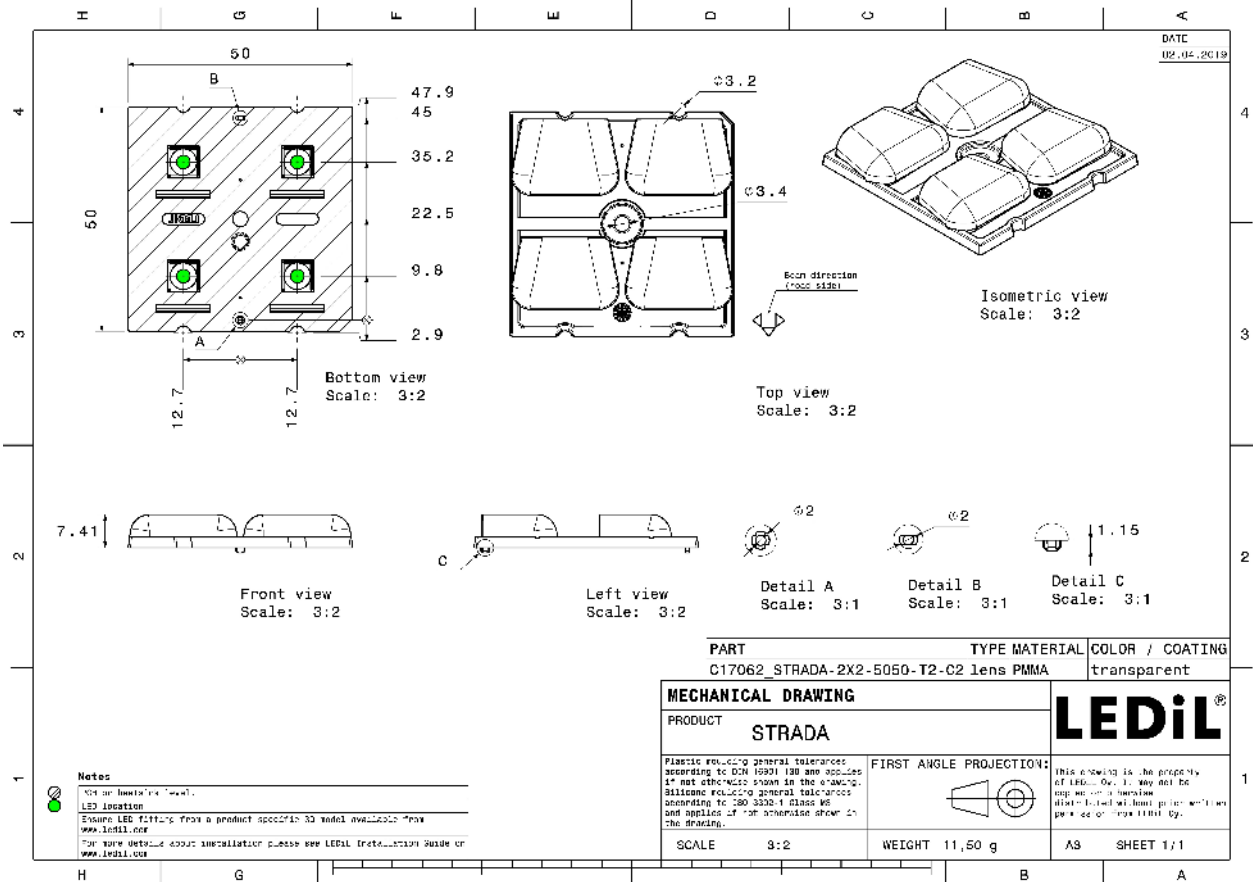


MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-2X2-5050-T2-C2	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17062_STRADA-2X2-5050-T2-C2 » Box size: 480 x 280 x 300 mm	800	160	160	10.0

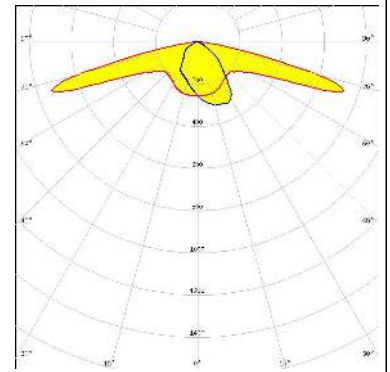


See also our general installation guide: www.ledil.com/installation_guide

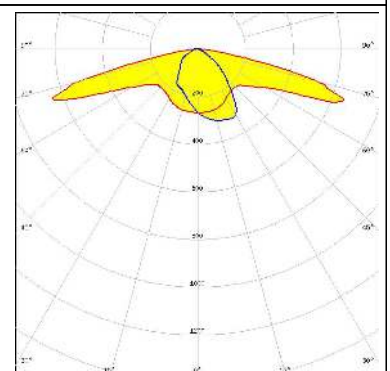
OPTICAL RESULTS (MEASURED):



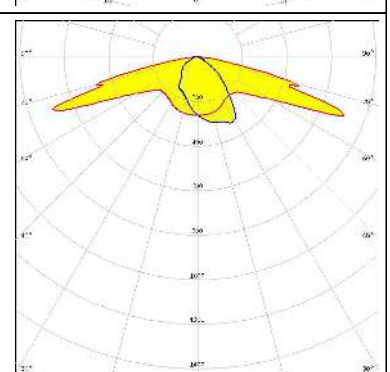
LED J Series 5050C 6V E Class
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



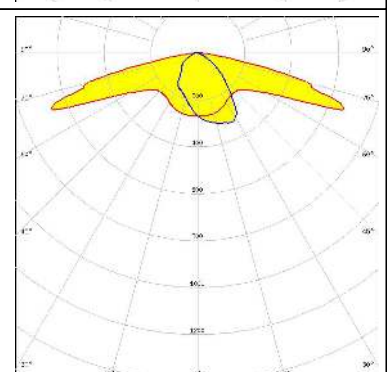
LED LUXEON XR-5050 SQR (L213-xxxx016MRH001)
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



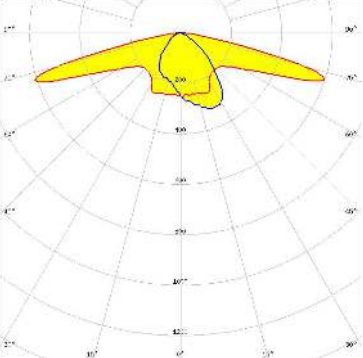

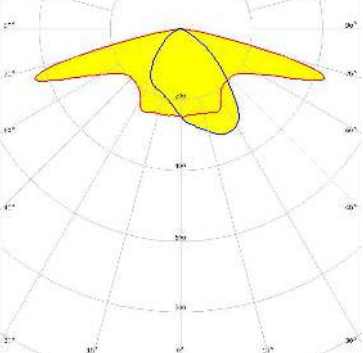

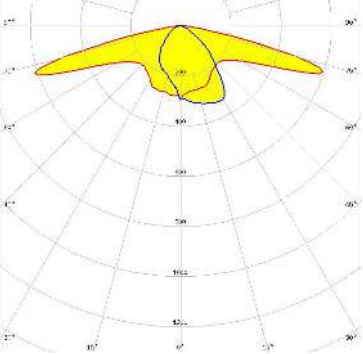

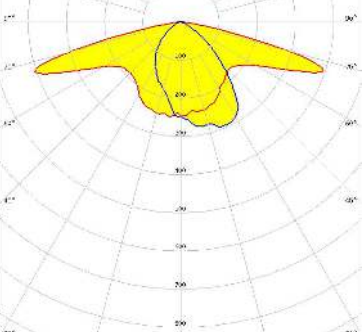
LED RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Fortimo FastFlex LED 2x8 DA HE
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



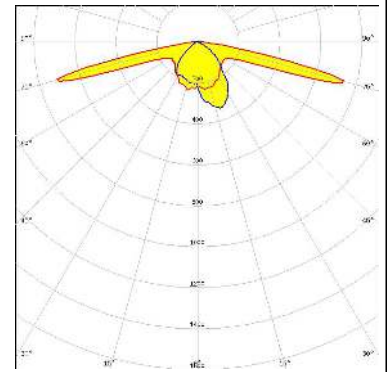
OPTICAL RESULTS (SIMULATED):

<p>CREE  LED</p> <p>LED J Series 5050 Round LES FWHM / FWTM 154.0 + 77.0° / 166.0 + 125.0° Efficiency 93 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE  LED</p> <p>LED J Series 5050 Round LES FWHM / FWTM 153.0 + 77.0° / 162.0 + 123.0° Efficiency 83 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p style="background-color: #e0f0ff; padding: 2px; display: inline-block;">Protective plate, glass</p>	
<p>CREE  LED</p> <p>LED J Series 5050 Round LES FWHM / FWTM Asymmetric Efficiency 96 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE  LED</p> <p>LED J Series 5050B 6V K Class FWHM / FWTM Asymmetric Efficiency 75 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p style="background-color: #e0f0ff; padding: 2px; display: inline-block;">Protective plate, glass</p>	

OPTICAL RESULTS (SIMULATED):

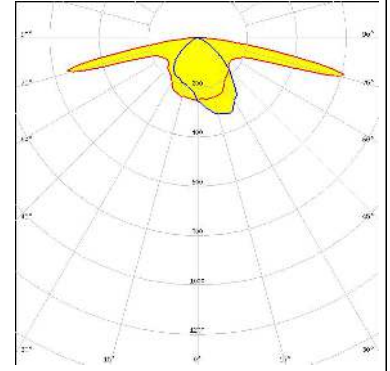
CREE LED

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



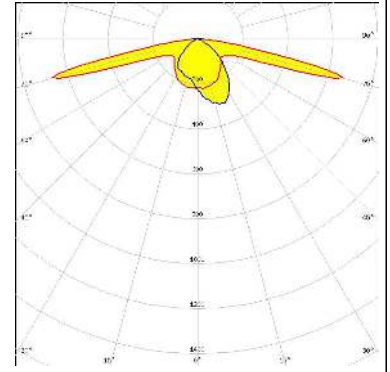
CREE LED

LED XP-G2 HE
 FWHM / FWTM Asymmetric
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

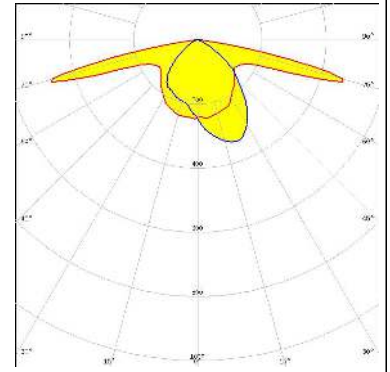
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

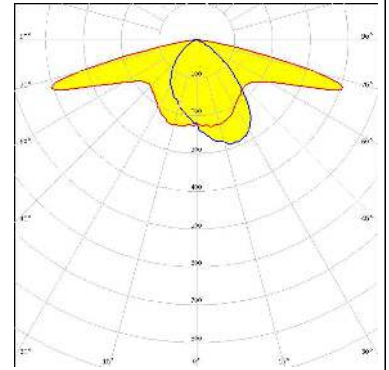


OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

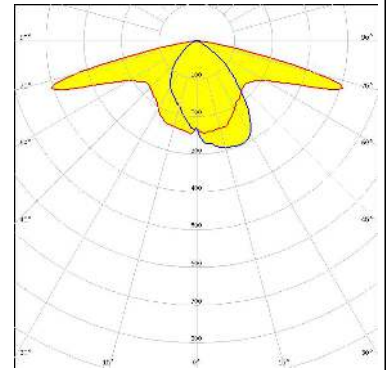
Protective plate, glass



LUMILEDS

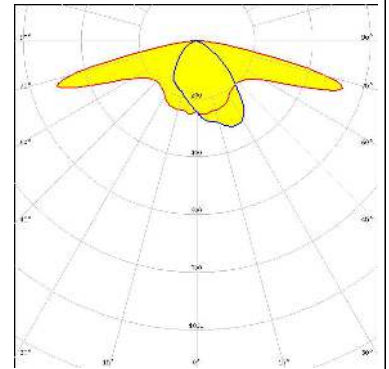
LED LUXEON 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



LUMILEDS

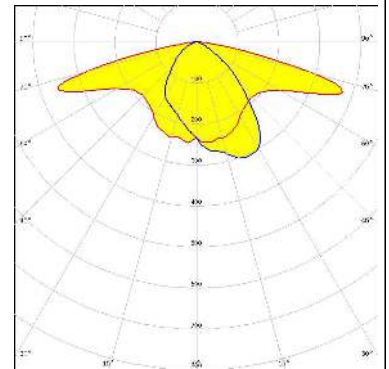
LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



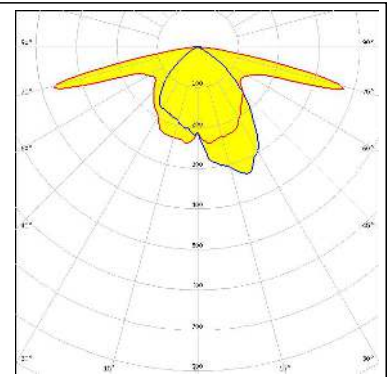
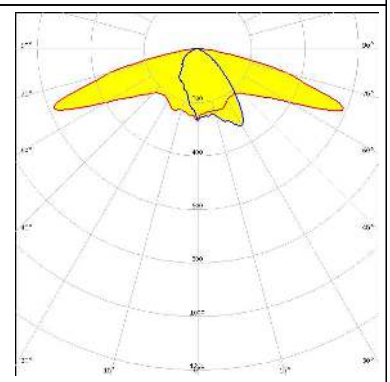
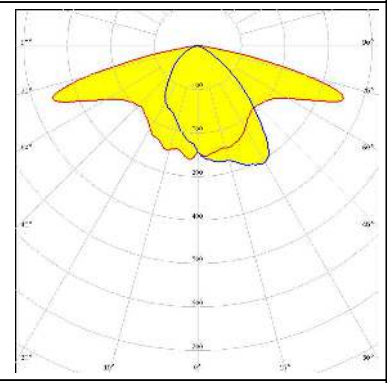
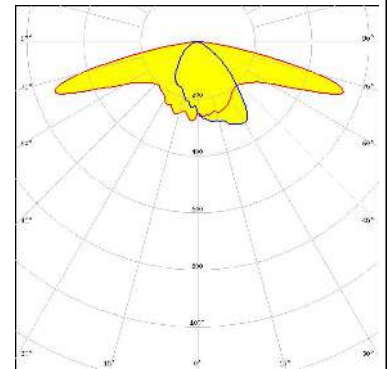
LUMILEDS

LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



OPTICAL RESULTS (SIMULATED):

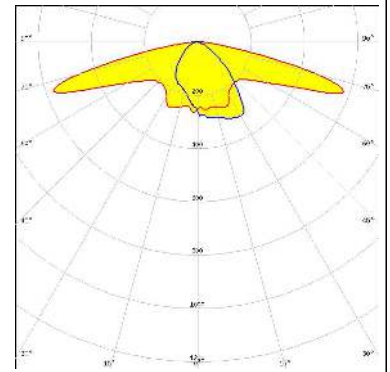
<p>LUMILEDS</p> <p>LED: LUXEON HL2X FWHM / FWTM: Asymmetric Efficiency: 74 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components: Protective plate, glass</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.6 cd/lm LEDs/each optic: 4 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Duris S8 FWHM / FWTM: Asymmetric Efficiency: 78 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components: Protective plate, glass</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Duris S8 FWHM / FWTM: Asymmetric Efficiency: 92 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSCONIQ S 5050
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

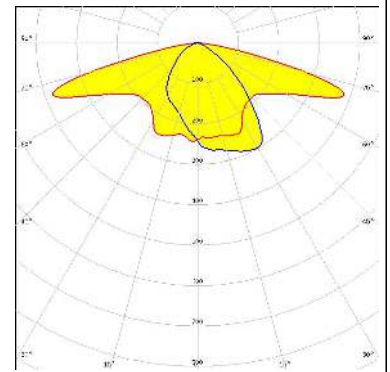


OSRAM

Opto Semiconductors

LED OSCONIQ S 5050
 FWHM / FWTM Asymmetric
 Efficiency 79 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

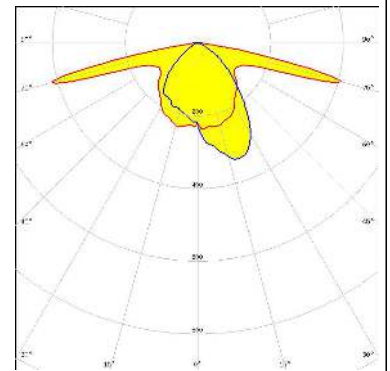


OSRAM

Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM Asymmetric
 Efficiency 73 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

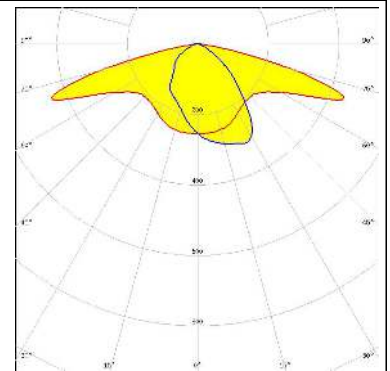
Protective plate, glass



PHILIPS

LED Fortimo FastFlex LED 2x8 DA HE
 FWHM / FWTM Asymmetric
 Efficiency 82 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass

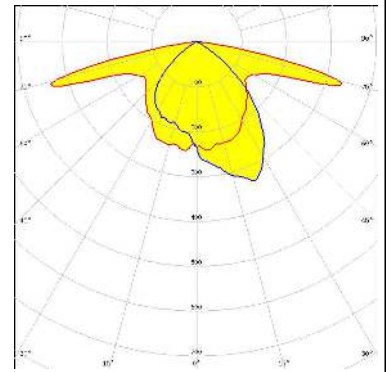


OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351C
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

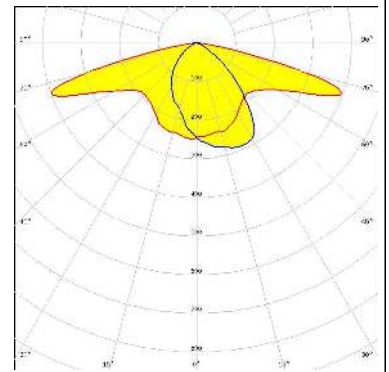
Protective plate, glass



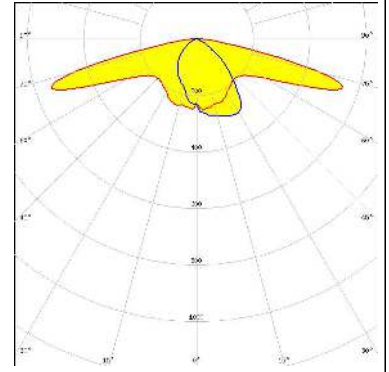
SAMSUNG

LED LH502C
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

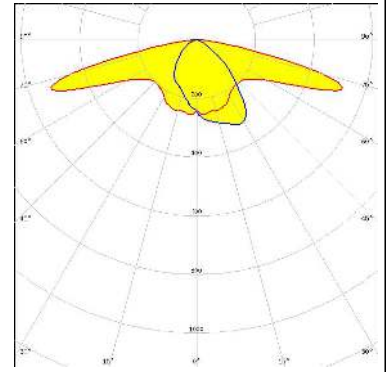
Protective plate, glass



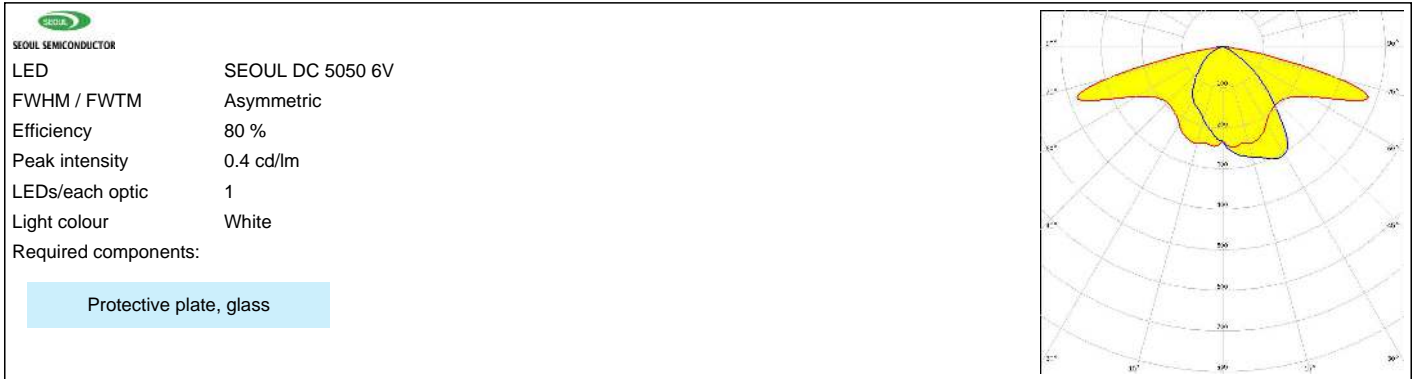
SEOUL SEMICONDUCTOR
 LED MJT 5050
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED SEOUL DC 5050 6V
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):



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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