

OLGA-O

~20° + 40° oval beam. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

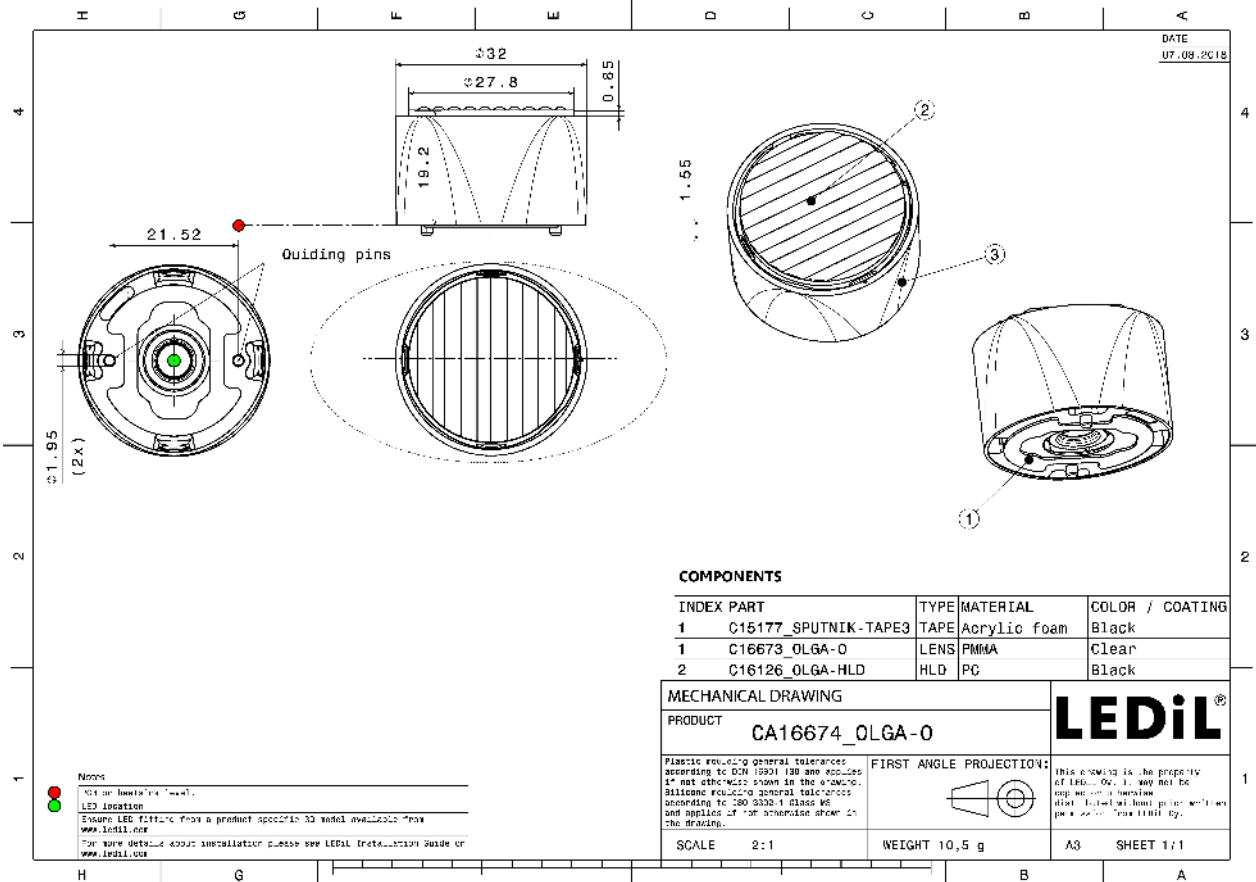
MATERIALS:

Component	Type	Material	Colour	Finish
OLGA-O	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16674_OLGA-O	Single lens	792	132	66	9.8
» Box size: 476 x 273 x 292 mm					



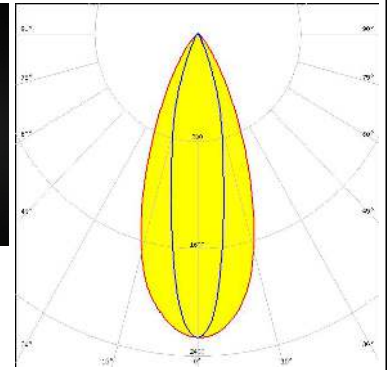


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

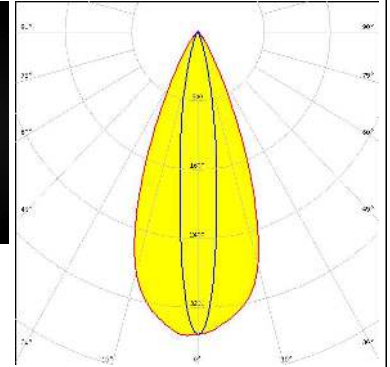
CREE ⇄ LED

LED XHP50.2
 FWHM / FWTM 42.0 + 21.0° / 72.0 + 47.0°
 Efficiency 79 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



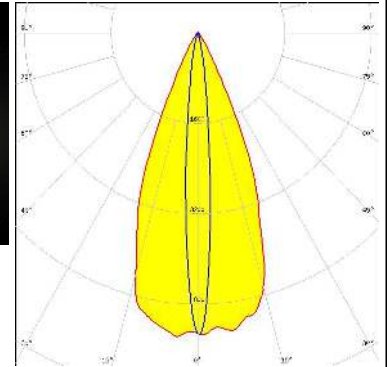
CREE ⇄ LED

LED XM-L3
 FWHM / FWTM 43.0 + 15.0° / 65.0 + 34.0°
 Efficiency 86 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



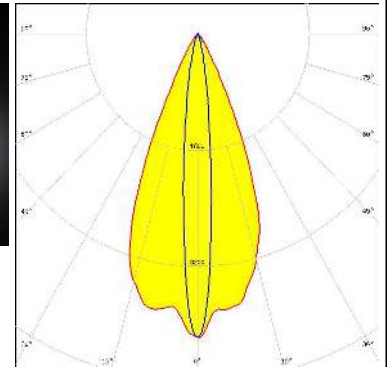
CREE ⇄ LED

LED XP-E2
 FWHM / FWTM 44.0 + 10.0° / 60.0 + 23.0°
 Efficiency 88 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE ⇄ LED

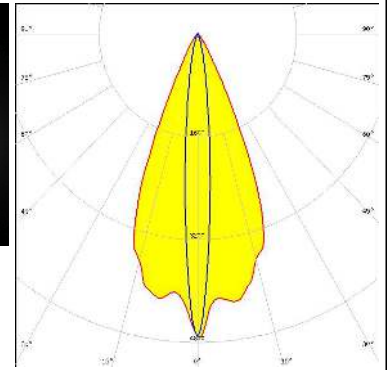
LED XQ-E HD
 FWHM / FWTM 44.0 + 11.0° / 62.0 + 26.0°
 Efficiency 80 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

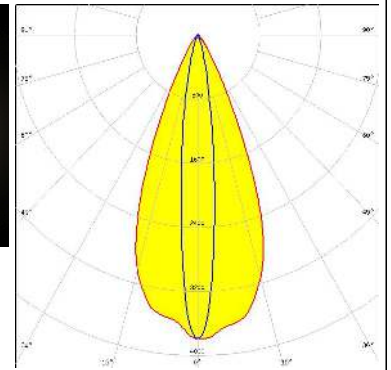
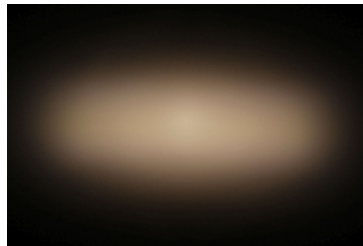
CREE LED

LED XQ-E HI
 FWHM / FWTM 44.0 + 10.0° / 60.0 + 25.0°
 Efficiency 85 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



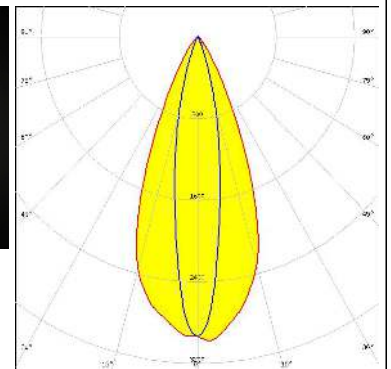
CREE LED

LED XT-E
 FWHM / FWTM 44.0 + 13.0° / 65.0 + 30.0°
 Efficiency 84 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



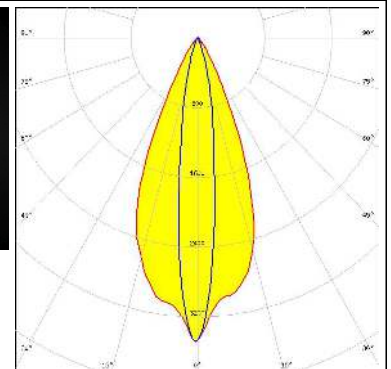
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 43.0 + 18.0° / 67.0 + 39.0°
 Efficiency 86 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


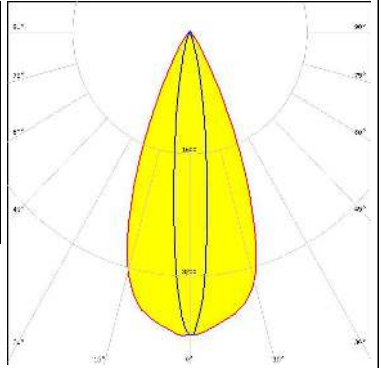

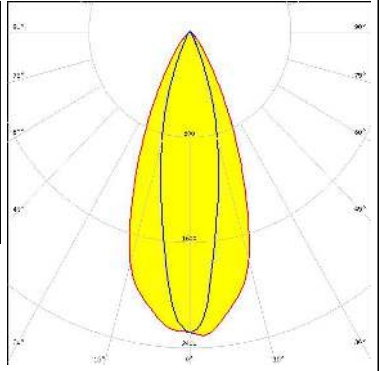
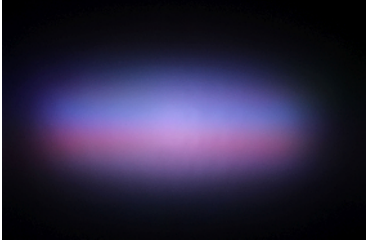
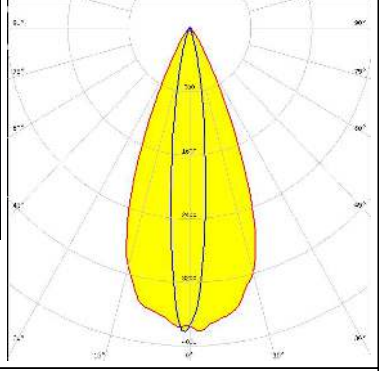

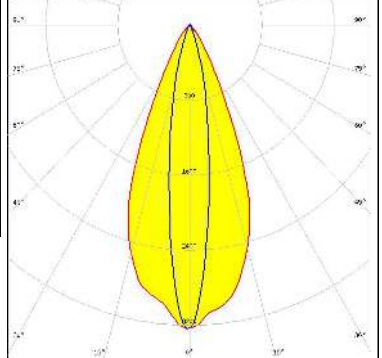


NICHIA



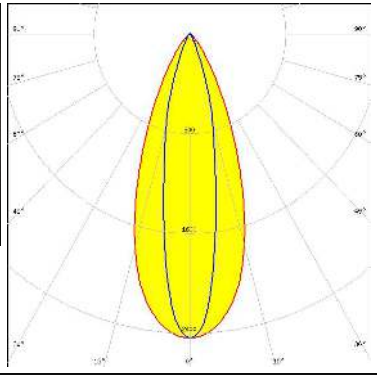


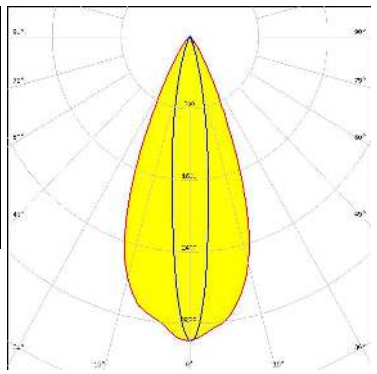
LED NCSxE17A
 FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°
 Efficiency 84 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSW319B</p> <p>FWHM / FWTM 44.0 + 13.0° / 64.0 + 30.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 43.0 + 23.0° / 72.0 + 49.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSTAR Stage (S2WN)</p> <p>FWHM / FWTM 44.0 + 14.0° / 64.0 + 30.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 3.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED LH231B</p> <p>FWHM / FWTM 44.0 + 16.0° / 67.0 + 37.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

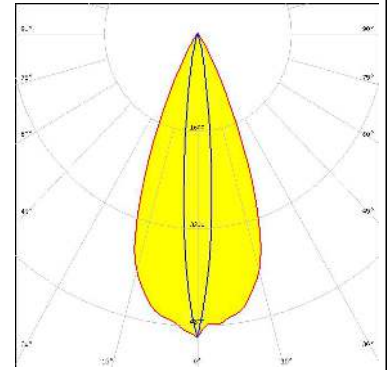
OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED WICOP 5050</p> <p>FWHM / FWTM 41.0 + 21.0° / 72.0 + 45.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 43.0 + 14.0° / 65.0 + 34.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (SIMULATED):

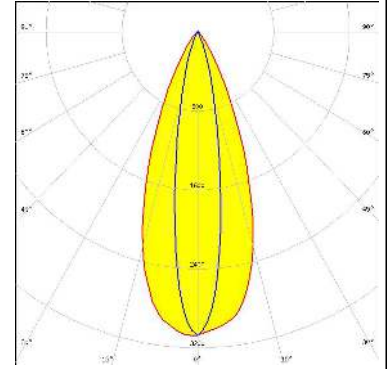
CREE ⇄ LED

LED XHP35 HI
 FWHM / FWTM 11.0 + 42.0°
 Efficiency 90 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



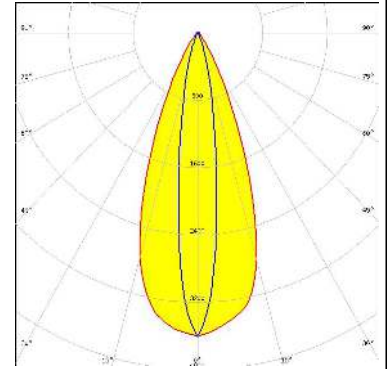
CREE ⇄ LED

LED XHP50.3 HD
 FWHM / FWTM 40.0 + 18.0° / 67.0 + 38.0°
 Efficiency 87 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



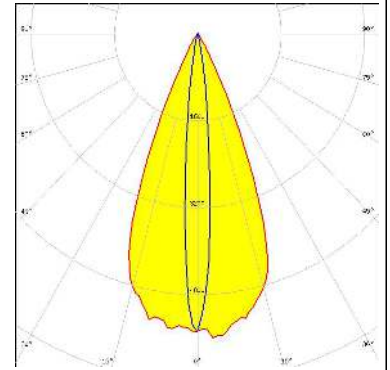
CREE ⇄ LED

LED XHP50.3 HI
 FWHM / FWTM 42.0 + 14.0° / 65.0 + 34.0°
 Efficiency 95 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE ⇄ LED

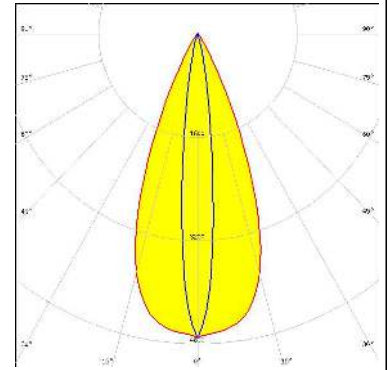
LED XP-G2
 FWHM / FWTM 9.5 + 42.0°
 Efficiency 90 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

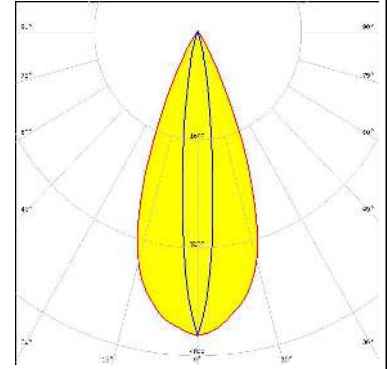
CREE LED

LED XP-G2 HE
 FWHM / FWTM 42.0 + 12.0° / 60.0 + 26.0°
 Efficiency 91 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



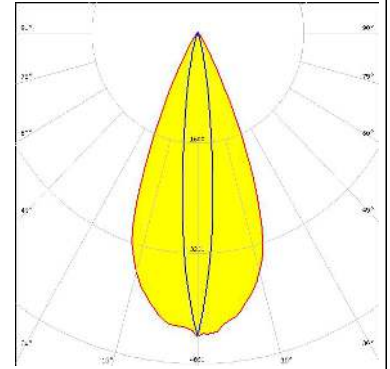
CREE LED

LED XP-G3
 FWHM / FWTM 42.0 + 12.0° / 60.0 + 28.0°
 Efficiency 89 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



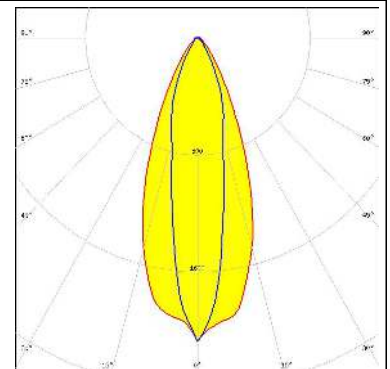
CREE LED

LED XP-L HI
 FWHM / FWTM 12.0 + 42.0°
 Efficiency 88 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

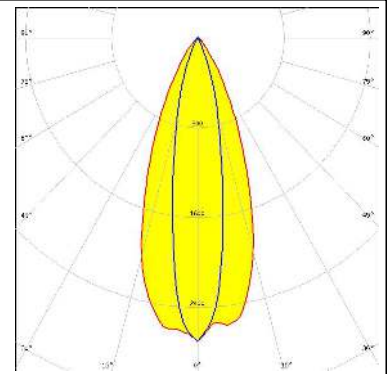
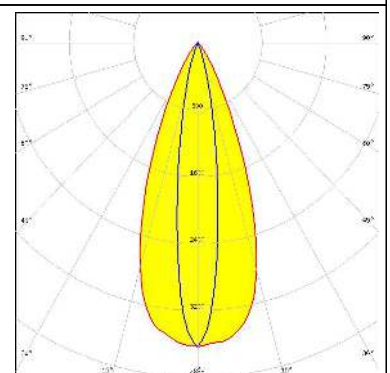
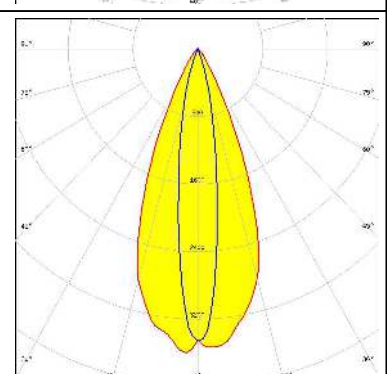
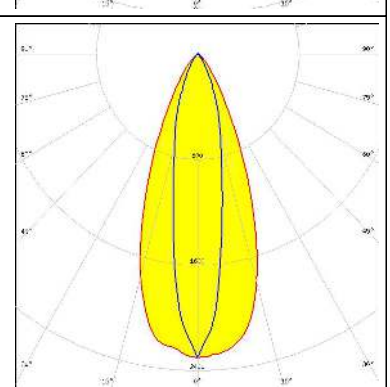


LUMILEDS

LED LUXEON 7070
 FWHM / FWTM 42.0 + 20.0° / 76.0 + 60.0°
 Efficiency 92 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



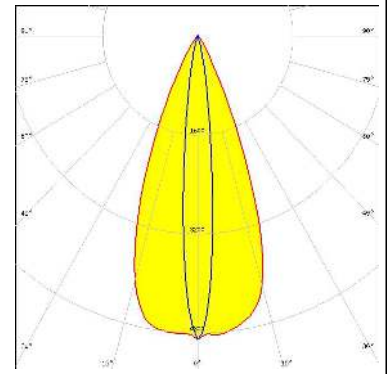
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON M/MX FWHM / FWTM: 20.0 + 40.0° Efficiency: 86 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMINUS</p> <p>LED: SST-70X-WCS FWHM / FWTM: 41.0 + 16.0° / 65.0 + 34.0° Efficiency: 90 % Peak intensity: 3.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 42.0 + 16.0° / 64.0 + 36.0° Efficiency: 90 % Peak intensity: 3.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Duris S10 FWHM / FWTM: 42.0 + 20.0° / 72.0 + 54.0° Efficiency: 86 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	42.0 + 12.0° / 61.0 + 24.0°
Efficiency	90 %
Peak intensity	4.9 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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