

FLORENCE-1R-O

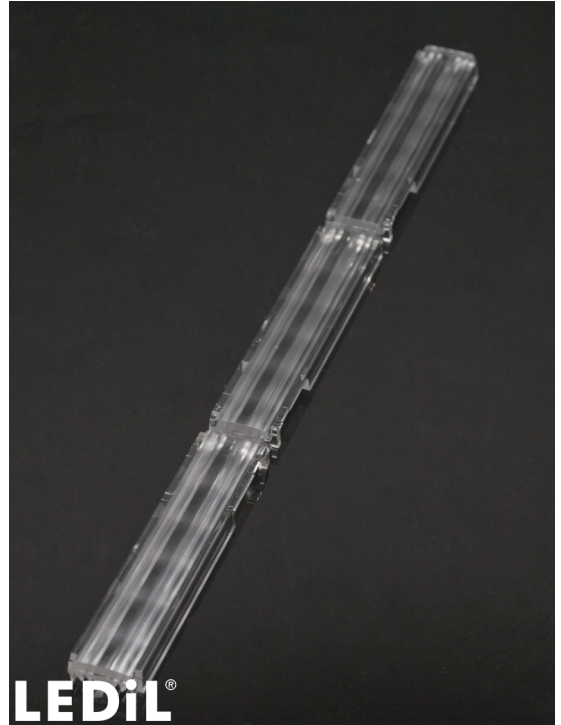
~95° + 30° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	7 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

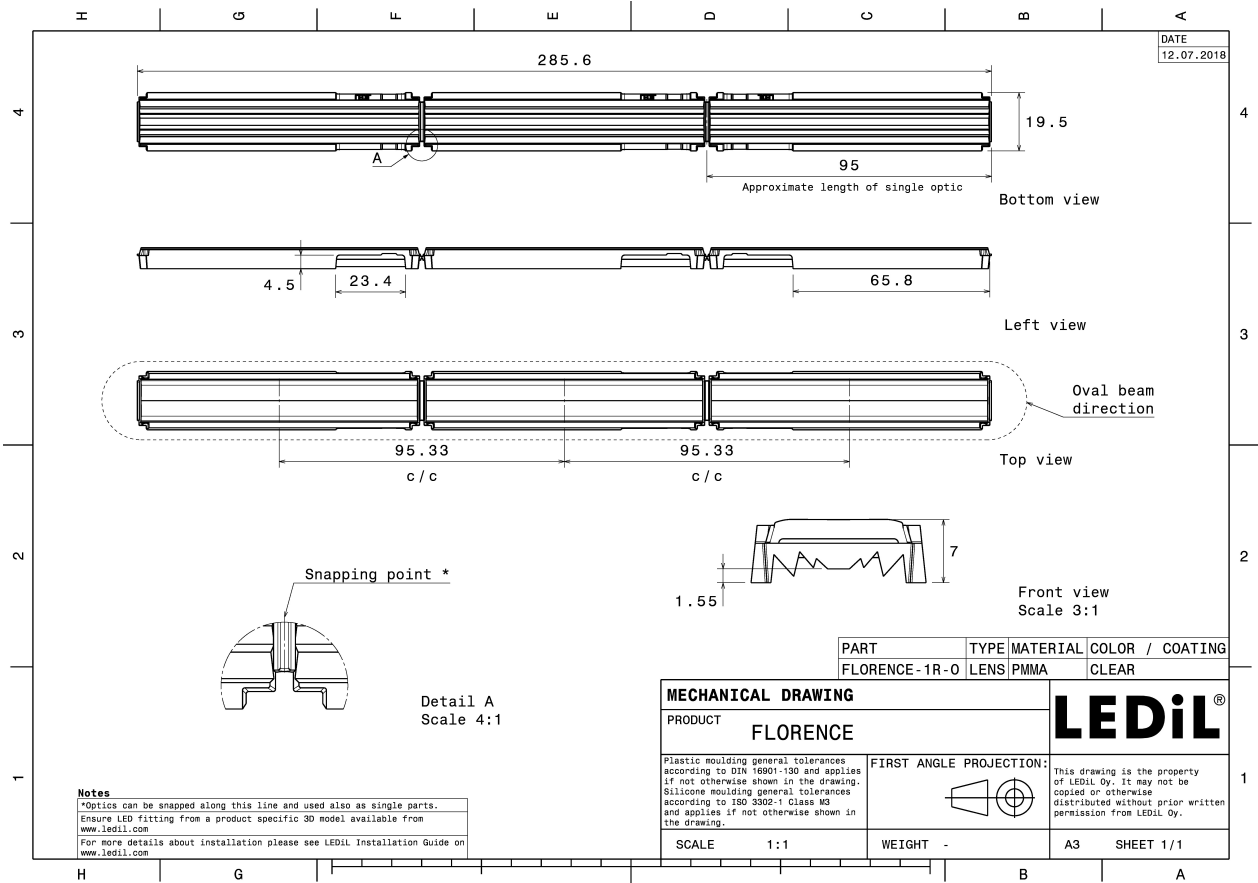
Component	Type
FLORENCE-1R-O	Linear lens



Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

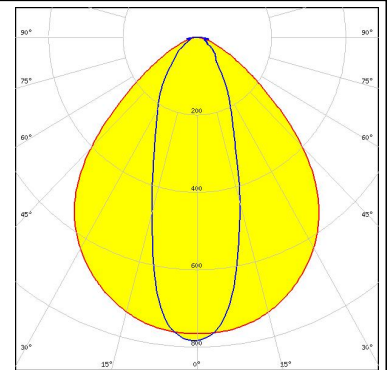
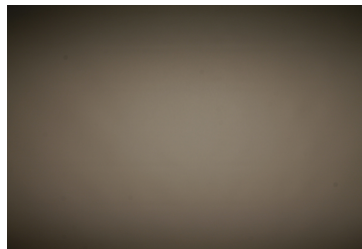
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14454_FLORENCE-1R-O » Box size: 480 x 280 x 300 mm	210	45	15	8.1



PHOTOMETRIC DATA (MEASURED):

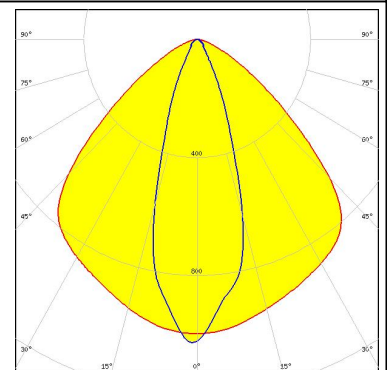
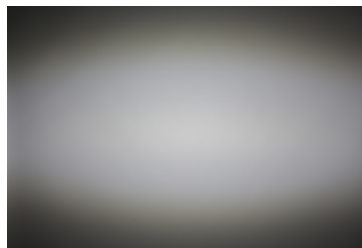
CEZOS

LED L0-280024-xxx-C0800-L267
 FWHM 92.0 + 35.0°
 Efficiency 91 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



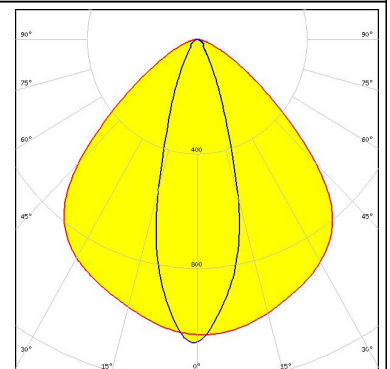
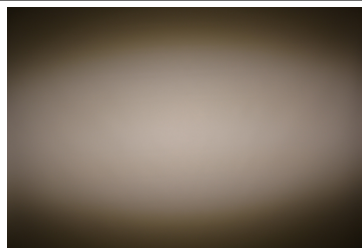
LUMILEDS

LED LUXEON 3014
 FWHM 98.0 + 33.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



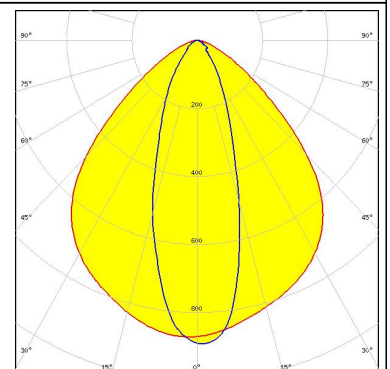
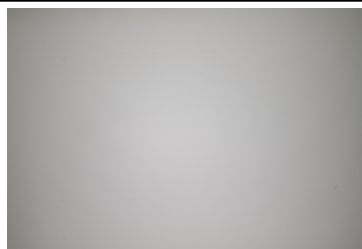
LUMILEDS

LED LUXEON 3020
 FWHM 95.0 + 31.0°
 Efficiency 93 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

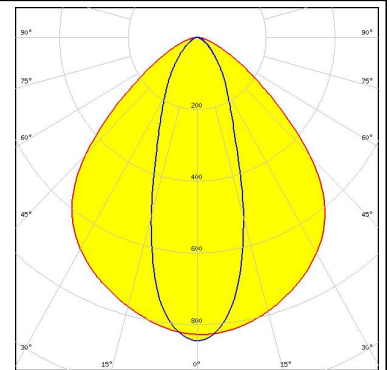
LED LUXEON 3030 2D (Round LES)
 FWHM 93.0 + 34.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

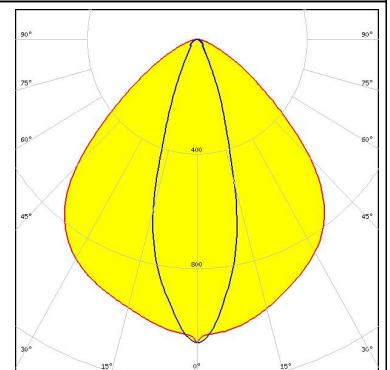
LUMILEDS

LED LUXEON 3535L
 FWHM 93.0 + 35.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



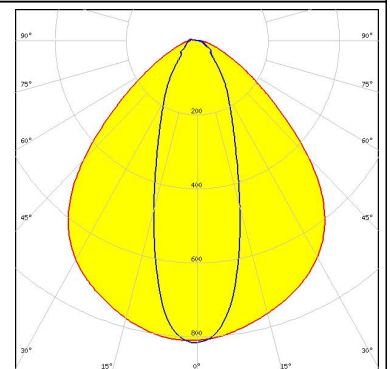
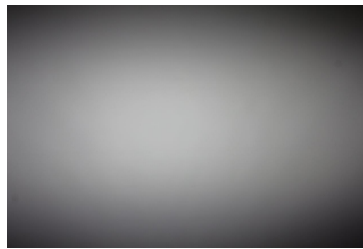
LUMINUS

LED MP-2016
 FWHM 94.0 + 31.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



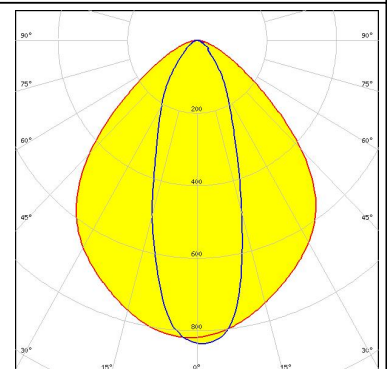
NICHIA

LED NF2x757D
 FWHM 93.0 + 34.0°
 Efficiency 94 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


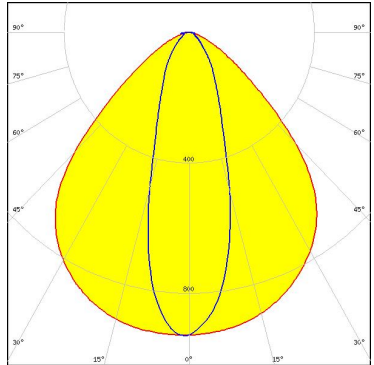

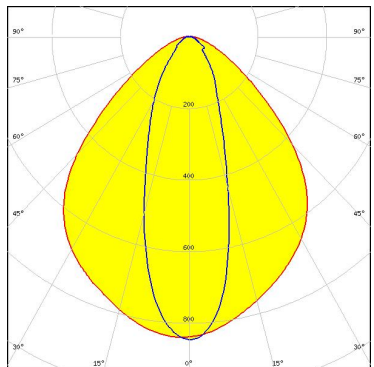

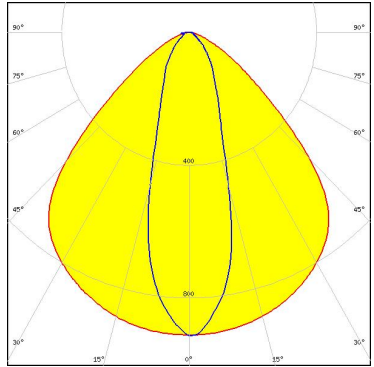
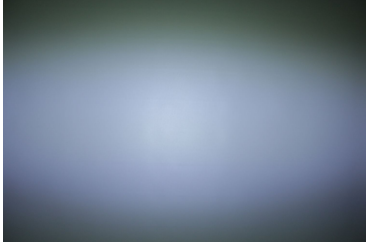
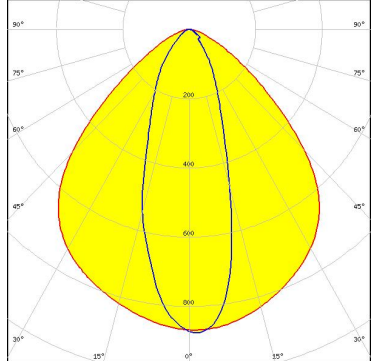


NICHIA

LED NF2x757G
 FWHM 92.0 + 35.0°
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



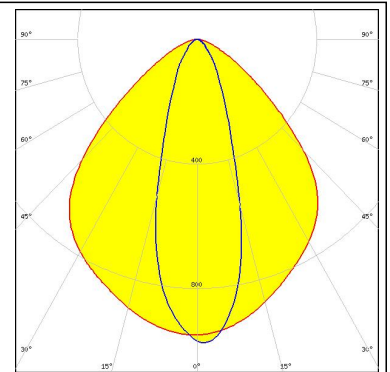
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NFSW757H FWHM 92.0 + 31.0° Efficiency 94 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components: C14353_FLORENCE-1R-CLIP-A</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S5 (2 chip) FWHM 92.0 + 33.0° Efficiency 91 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>PHILIPS</p> <p>LED Fortimo LED Line 1ft 2000lm 1R HV4 FWHM 95.0 + 31.0° Efficiency 94 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components: C14353_FLORENCE-1R-CLIP-A</p>		
<p>SAMSUNG</p> <p>LED LM28xB Series FWHM 94.0 + 34.0° Efficiency 93 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

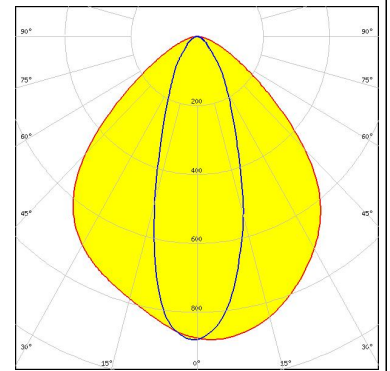
SAMSUNG

LED LM301A
 FWHM 93.0 + 32.0°
 Efficiency 92 %
 Peak intensity 1 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



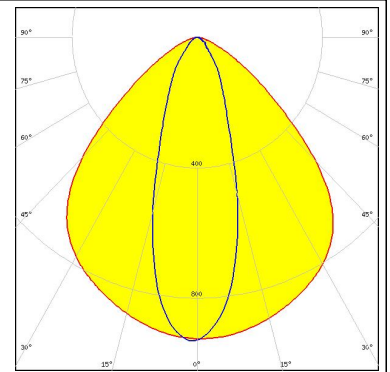
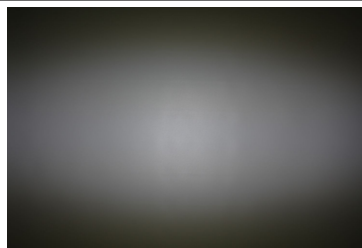
SAMSUNG

LED LM302A
 FWHM 92.0 + 34.0°
 Efficiency 92 %
 Peak intensity 0.9 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



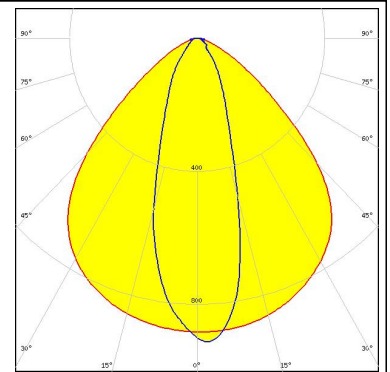
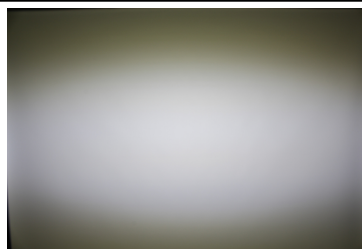
SAMSUNG

LED LM561C
 FWHM 94.0 + 32.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:


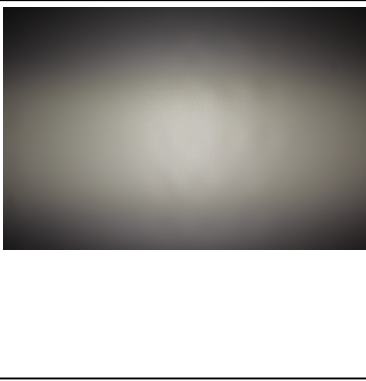
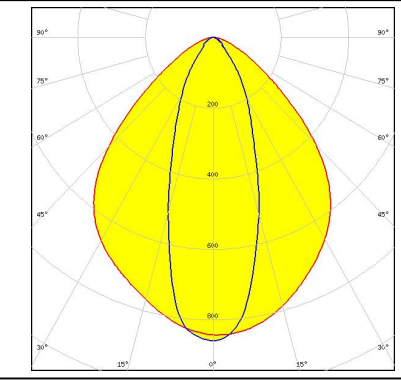

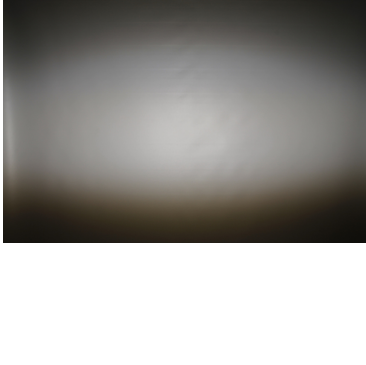
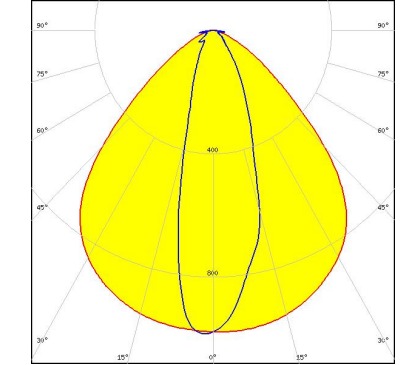


SAMSUNG

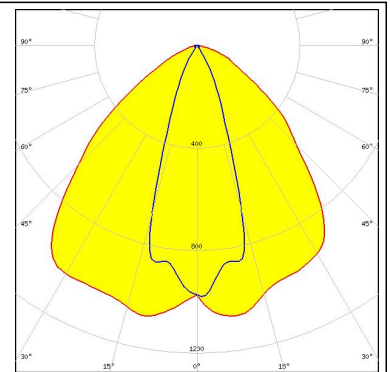
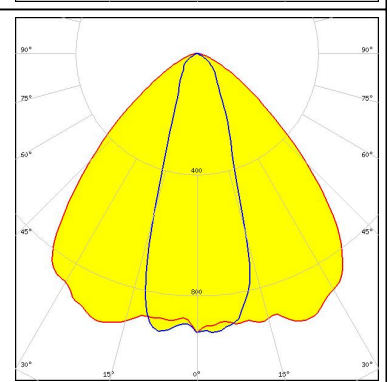
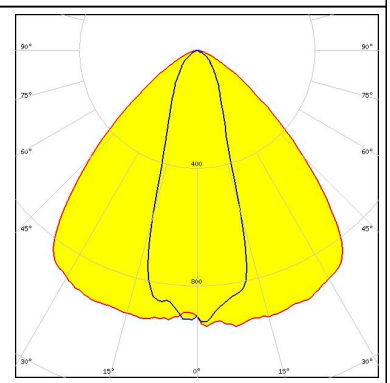
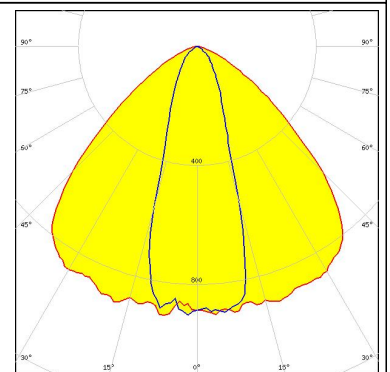
LED LT-S282N
 FWHM 95.0 + 32.0°
 Efficiency 93 %
 Peak intensity 0.9 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 3030 FWHM 91.0 + 35.0° Efficiency 90 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030 FWHM 92.0 + 30.0° Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: C14353_FLORENCE-1R-CLIP-A</p>		

PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON CZ FWHM 95.0 + 33.0° Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris E 2835 FWHM 92.0 + 30.0° Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris E5 FWHM 92.0 + 32.0° Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SEOUL SEMICONDUCTOR</p> <p>LED SEOUL DC 3030C FWHM 98.0 + 32.0° Efficiency 95 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

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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