

## DAISY-7X1-WAS

Asymmetric beam for wall-washing

### SPECIFICATION:

Dimensions	279.4 x 40.0 mm
Height	27 mm
Fastening	clips
ROHS compliant	yes ⓘ

### MATERIALS:

Component	Type	Material	Colour	Finish
C17391_DAISY-7X1-WAS	Linear lens	PMMA	clear	
C17727_DAISY-7X1-WAS-COVER-WHT	Accessory	PC	white	
C17393_DAISY-7X1-WAS-COVER	Accessory	PC	black	matt
C18281_DAISY-7X1-WAS-SHD	Shade	PC	metal	gloss

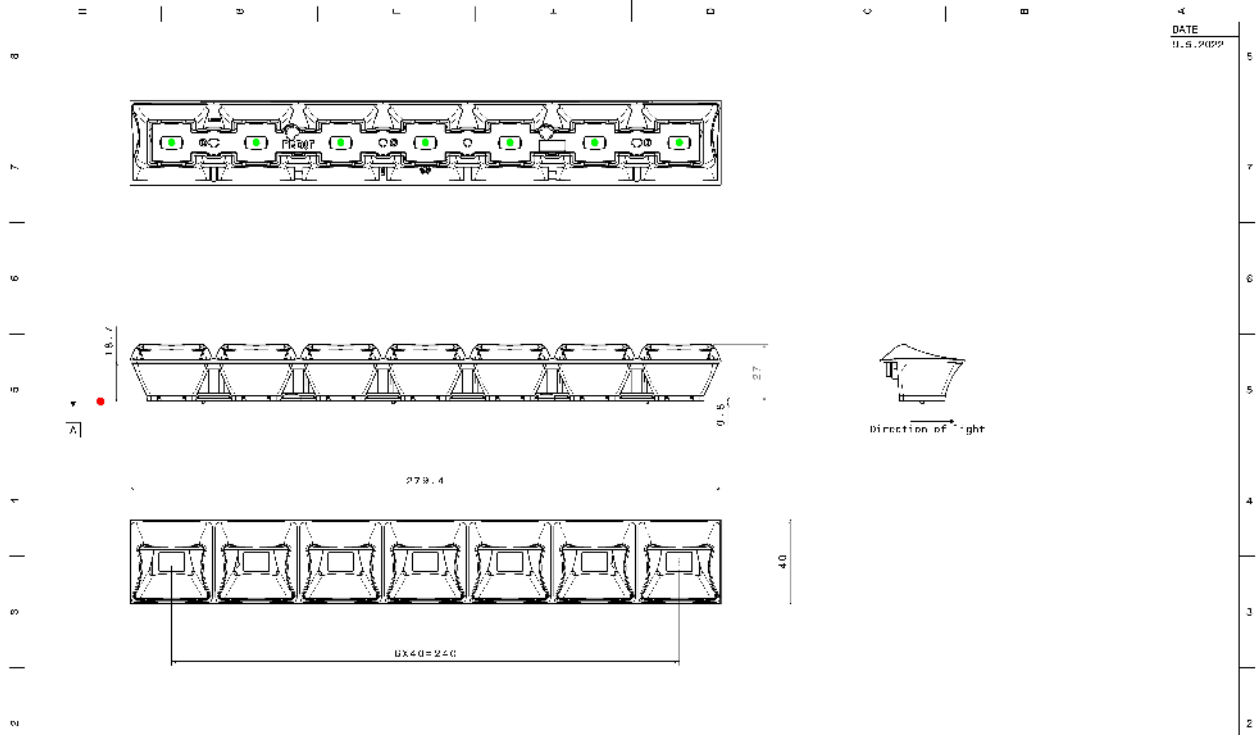
### ORDERING INFORMATION:

#### Quantities for one set:

Linear lens	1
Shade	1
Accessory	1



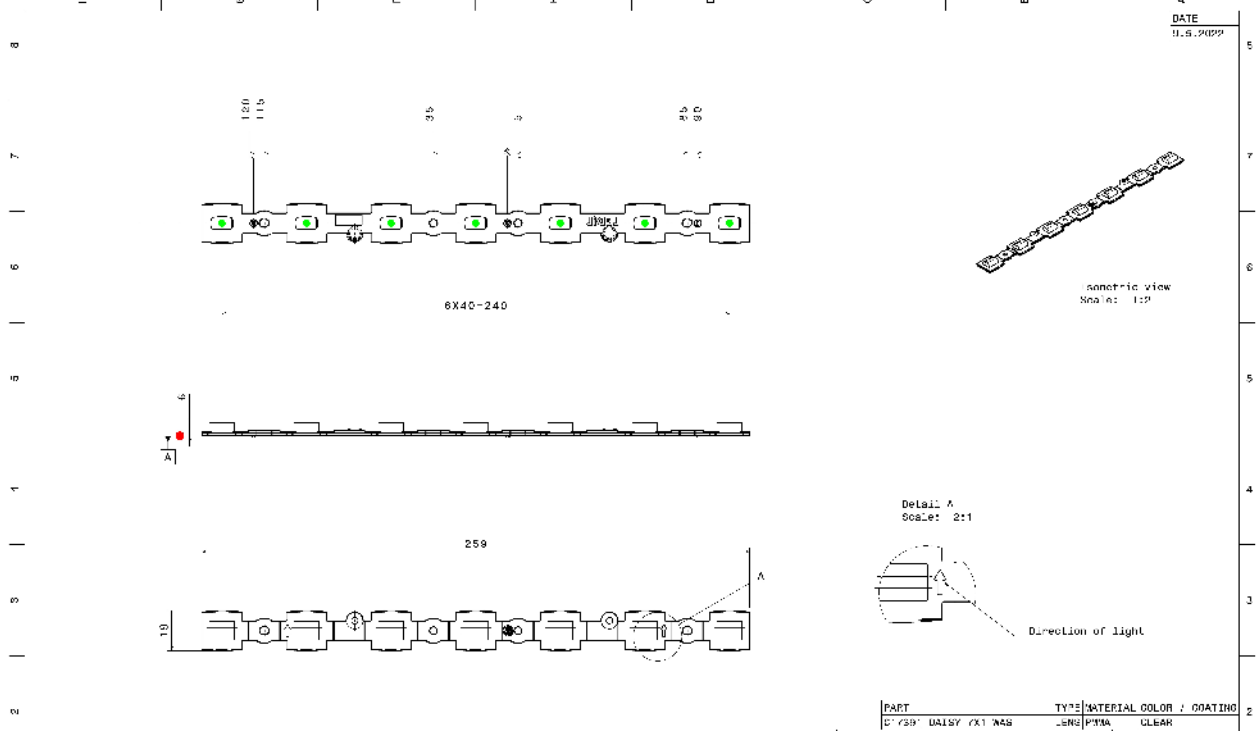
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17391_DAISY-7X1-WAS » Box size: 400 x 300 x 300 mm	Linear lens	312	156	156	5.4
C18281_DAISY-7X1-WAS-SHD » Box size: 595 x 360 x 250 mm	Shade	156	156	156	8.4
C17393_DAISY-7X1-WAS-COVER » Box size: 595 x 360 x 250 mm	Accessory	156	156	156	4.9
C17727_DAISY-7X1-WAS-COVER-WHT » Box size: 595 x 360 x 250 mm	Accessory	156	156	156	5.1



**Notes**

- 1. No of thermic bond.
- 2. All dimensions are in millimeters.
- 3. Tolerances are in millimeters unless otherwise specified.
- 4. The LED chip is not guaranteed to be in the same plane as the PCB.
- 5. The LED chip is not guaranteed to be in the same plane as the PCB.

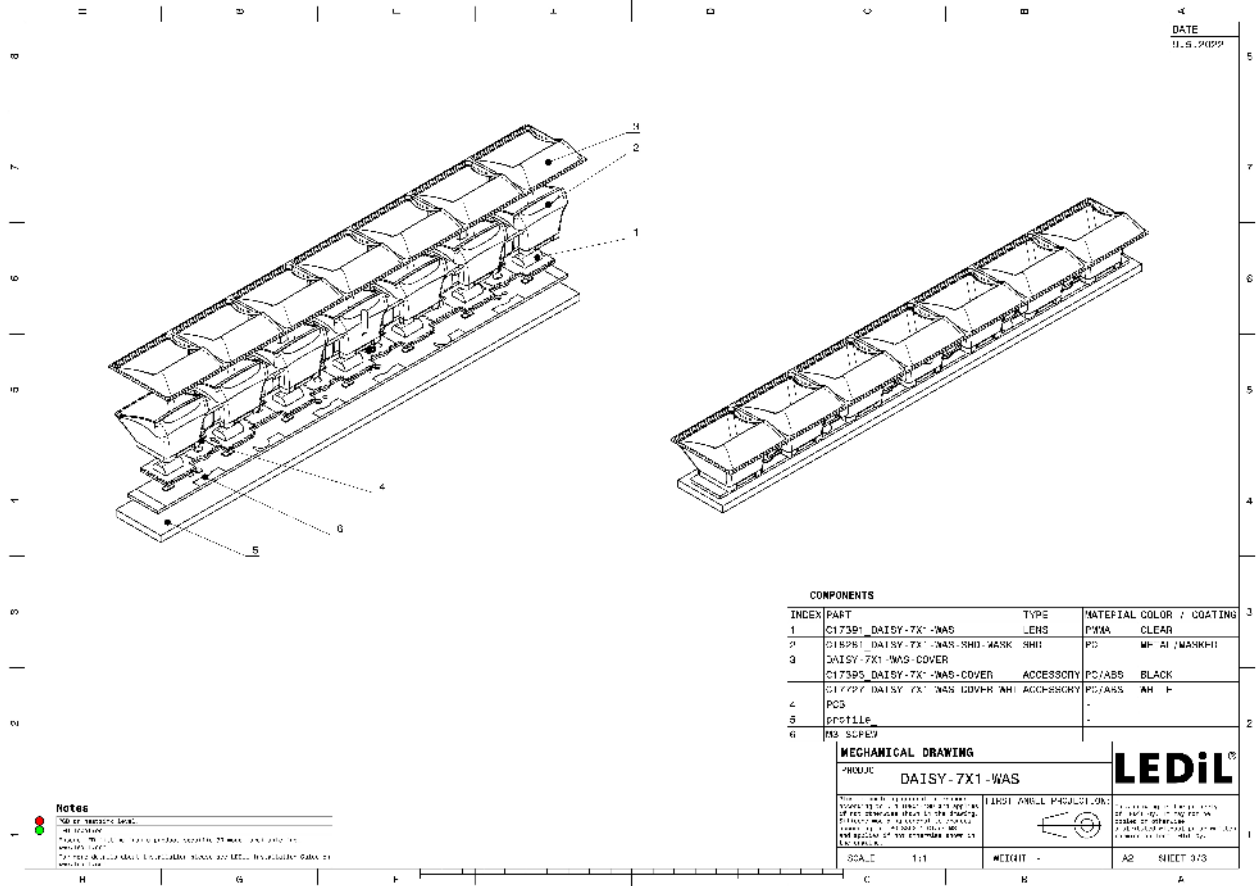
MECHANICAL DRAWING		LEDiL®	
PRODUCT	DAISY-7X1-WAS	FIRST ANGLE PROJECTION	
SCALE	1:1	WEIGHT	-
		A2 SHEET 1/3	



**Notes**

- 1. No of thermic bond.
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MECHANICAL DRAWING		LEDiL®	
PART	DAISY-7X1-WAS	TYPE	MATERIAL COLOR / COATING
PRODUCT	DAISY-7X1-WAS	LENS	PMMA CLEAR
SCALE	1:1	WEIGHT	-
		A2 SHEET 2/3	



DATE  
11.05.2022

**Notes**


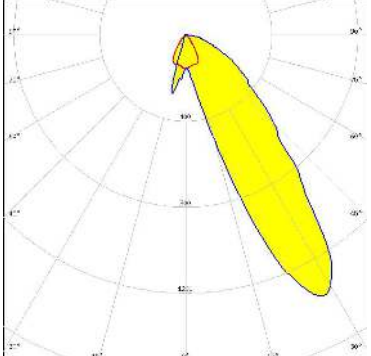

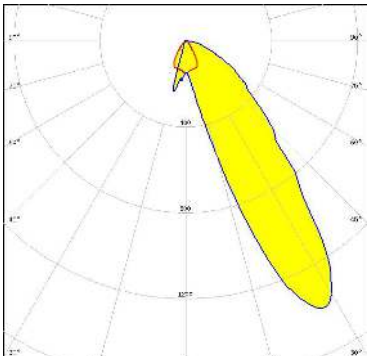

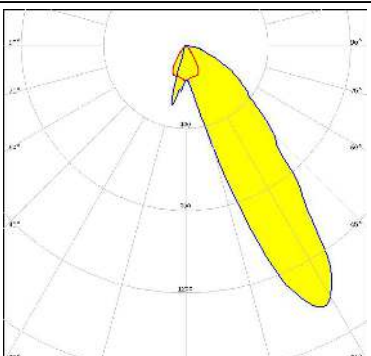

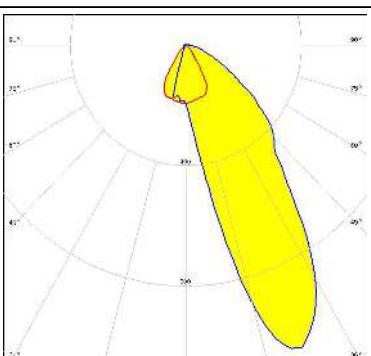
- 1. All dimensions are in millimeters.
- 2. Tolerances are in millimeters unless otherwise specified.
- 3. Dimensions are given in millimeters unless otherwise specified.
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COMPONENTS			
INDEX	PART	TYPE	MATERIAL COLOR / COATING
1	C173P1 DAISY-7X1-WAS	LENS	PMMA CLEAR
2	C18P81 DAISY-7X1-WAS-SHIELD-MARK	SHIELD	PC MF-AI (MARKPH)
3	DAISY-7X1-WAS-COVER	ACCESSORY	PC/ABS BLACK
4	C173P2 DAISY-7X1-WAS-LEVER-MH	ACCESSORY	PC/ABS AN-F
5	PROFILLE	-	-
6	MS-SCHRAUBE	-	-

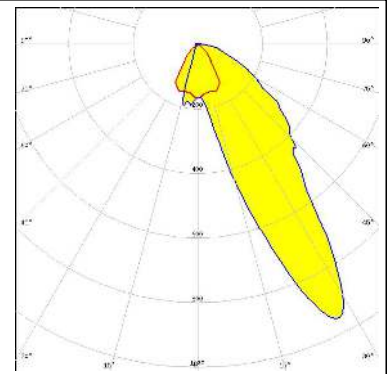
<b>MECHANICAL DRAWING</b>		<b>LEDiL®</b>
DAISY-7X1-WAS		
<p>THIS DRAWING IS THE PROPERTY OF LEDIL OY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LEDIL OY.</p>	<p>FIRST SMALL PROJECTION</p>	
SCALE 1:1	WEIGHT -	A2 SHEET 3/3

See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

 <p> <b>LED</b> LED Line SMD L28W2 TW Module 20mm 2800Lm Daisy 7x1 (E21A)  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 74 %  <b>Peak intensity</b> 1.4 cd/lm  <b>LEDs/each optic</b> 2  <b>Light colour</b> Tunable White  <b>Required components:</b>            C17393_DAISY-7X1-WAS-COVER         </p>	
 <p> <b>LED</b> LED Line SMD L28W2 White Module 20mm 2800Lm Daisy 7x1 (E21A)  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 74 %  <b>Peak intensity</b> 1.4 cd/lm  <b>LEDs/each optic</b> 2  <b>Light colour</b> White  <b>Required components:</b>            C17393_DAISY-7X1-WAS-COVER         </p>	
 <p> <b>LED</b> LUXEON HL2Z  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 76 %  <b>Peak intensity</b> 1.4 cd/lm  <b>LEDs/each optic</b> 2  <b>Light colour</b> White  <b>Required components:</b>            C17393_DAISY-7X1-WAS-COVER         </p>	
 <p> <b>LED</b> LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)  <b>FWHM / FWTM</b> Asymmetric  <b>Efficiency</b> 78 %  <b>Peak intensity</b> 1.1 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b>            C17393_DAISY-7X1-WAS-COVER         </p>	

### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxE17A FWHM / FWTM Asymmetric Efficiency 74 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: C17393_DAISY-7X1-WAS-COVER</p>	 A beam spread diagram for the Nichia LED. It shows a yellow beam shape on a grid of concentric circles and radial lines. The beam is elongated and points downwards, with a peak intensity of 1.2 cd/lm. The grid includes radial lines at 15°, 30°, 45°, 60°, 75°, and 90°, and concentric circles representing beam diameters of 10°, 20°, 30°, 40°, 50°, and 60°.
<p><b>SAMSUNG</b></p> <p>LED LH231B FWHM / FWTM Asymmetric Efficiency 79 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components: C17393_DAISY-7X1-WAS-COVER</p>	 A beam spread diagram for the Samsung LED. It shows a yellow beam shape on a grid of concentric circles and radial lines. The beam is elongated and points downwards, with a peak intensity of 1.3 cd/lm. The grid includes radial lines at 15°, 30°, 45°, 60°, 75°, and 90°, and concentric circles representing beam diameters of 10°, 20°, 30°, 40°, 50°, and 60°.

### OPTICAL RESULTS (SIMULATED):

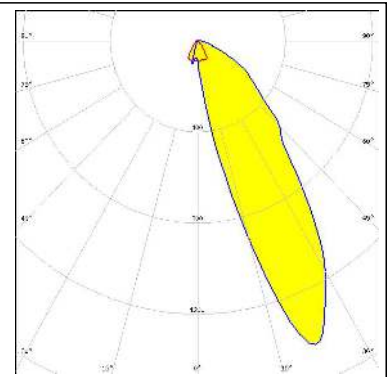
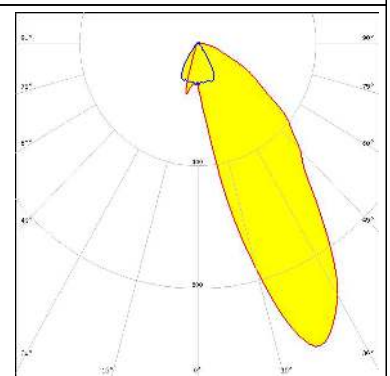
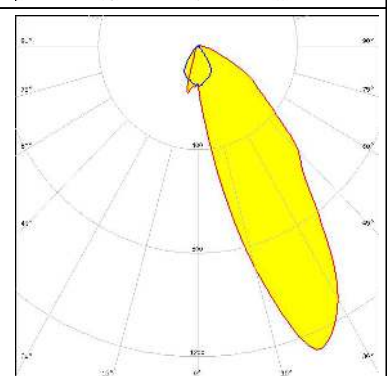
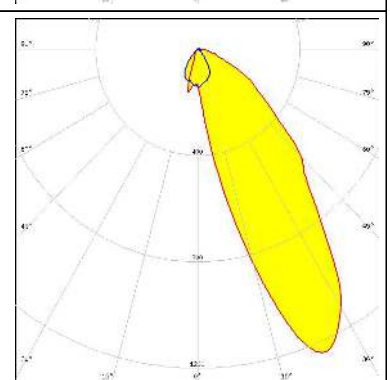
<p><b>NICHIA</b></p> <p>LED NCSxE17A            FWHM / FWTM Asymmetric            Efficiency 71 %            Peak intensity 1.5 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17393_DAISSY-7X1-WAS-COVER</p>	
<p><b>NICHIA</b></p> <p>LED NCSxE17A            FWHM / FWTM Asymmetric            Efficiency 73 %            Peak intensity 1.5 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17393_DAISSY-7X1-WAS-COVER</p>	
<p><b>NICHIA</b></p> <p>LED NCSxE17A            FWHM / FWTM Asymmetric            Efficiency 70 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C17727_DAISSY-7X1-WAS-COVER-WHT</p>	
<p><b>NICHIA</b></p> <p>LED NCSxE17A            FWHM / FWTM Asymmetric            Efficiency 73 %            Peak intensity 1.5 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17727_DAISSY-7X1-WAS-COVER-WHT</p>	

### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM Asymmetric            Efficiency 73 %            Peak intensity 1.1 cd/lm            LEDs/each optic 2            Light colour Tunable White            Required components:            C17727_DAISSY-7X1-WAS-COVER-WHT</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM Asymmetric            Efficiency 72 %            Peak intensity 1.1 cd/lm            LEDs/each optic 2            Light colour Tunable White            Required components:            C17393_DAISSY-7X1-WAS-COVER</p>	
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM Asymmetric            Efficiency 73 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C17393_DAISSY-7X1-WAS-COVER</p>	
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM Asymmetric            Efficiency 73 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C17727_DAISSY-7X1-WAS-COVER-WHT</p>	



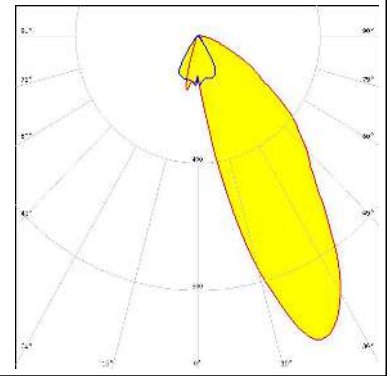
### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NVSxE21A            FWHM / FWTM Asymmetric            Efficiency 72 %            Peak intensity 1.4 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17393_DAISY-7X1-WAS-COVER</p>	
<p><b>SAMSUNG</b></p> <p>LED LM28xB Series            FWHM / FWTM Asymmetric            Efficiency 73 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C17393_DAISY-7X1-WAS-COVER</p>	
<p><b>SAMSUNG</b></p> <p>LED LM28xB Series            FWHM / FWTM Asymmetric            Efficiency 74 %            Peak intensity 1.3 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17393_DAISY-7X1-WAS-COVER</p>	
<p><b>SAMSUNG</b></p> <p>LED LM301B            FWHM / FWTM Asymmetric            Efficiency 73 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C17393_DAISY-7X1-WAS-COVER</p>	

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

LED	LM301B
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C17393_DAISY-7X1-WAS-COVER



### 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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