

DAISY-4X1-W

~50° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	182.0 x 40.0 mm
Height	20.2 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

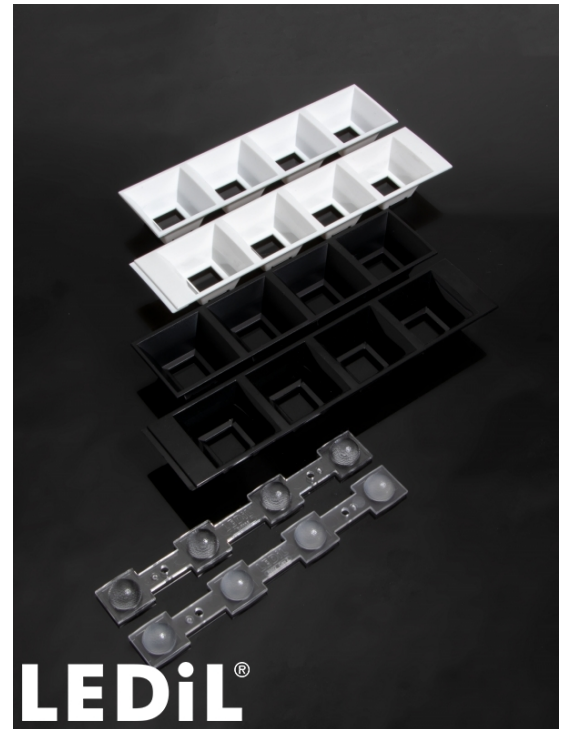
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
C16588_DAISY-4X1-W	Linear lens	PMMA	clear	
C16590_DAISY-4X1-SHD	Shade	PC-ABS	black	gloss
C16784_DAISY-4X1-SHD-WHT	Shade	PC	white	gloss
C17422_DAISY-4X1-SHD2-MATT	Shade	PC	black	matt
C17423_DAISY-4X1-SHD2-WHT-MATT	Shade	PC	white	matt
C17528_DAISY-4X1-SHD-MET	Shade	PC	metal	gloss
C17535_DAISY-4X1-SHD2-MET-MATT	Shade	PC	metal	matt

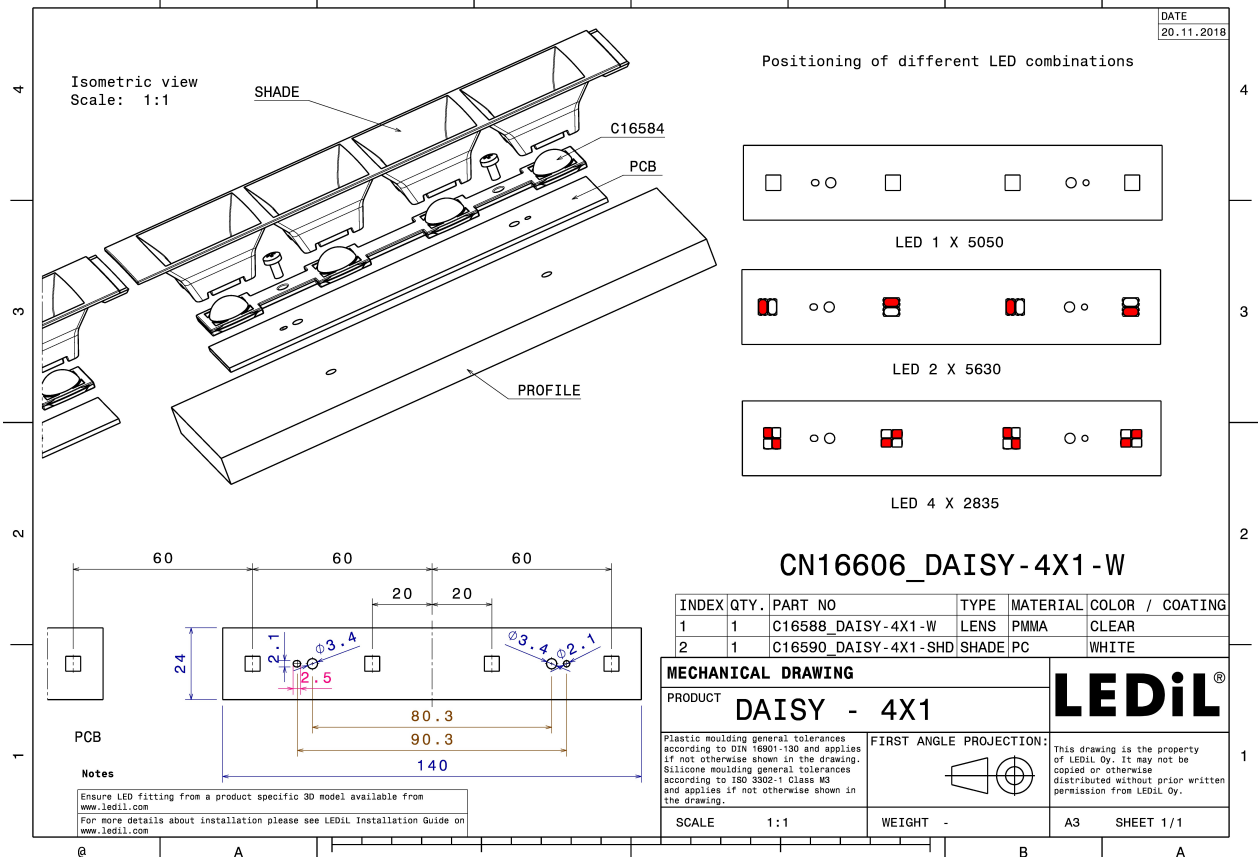
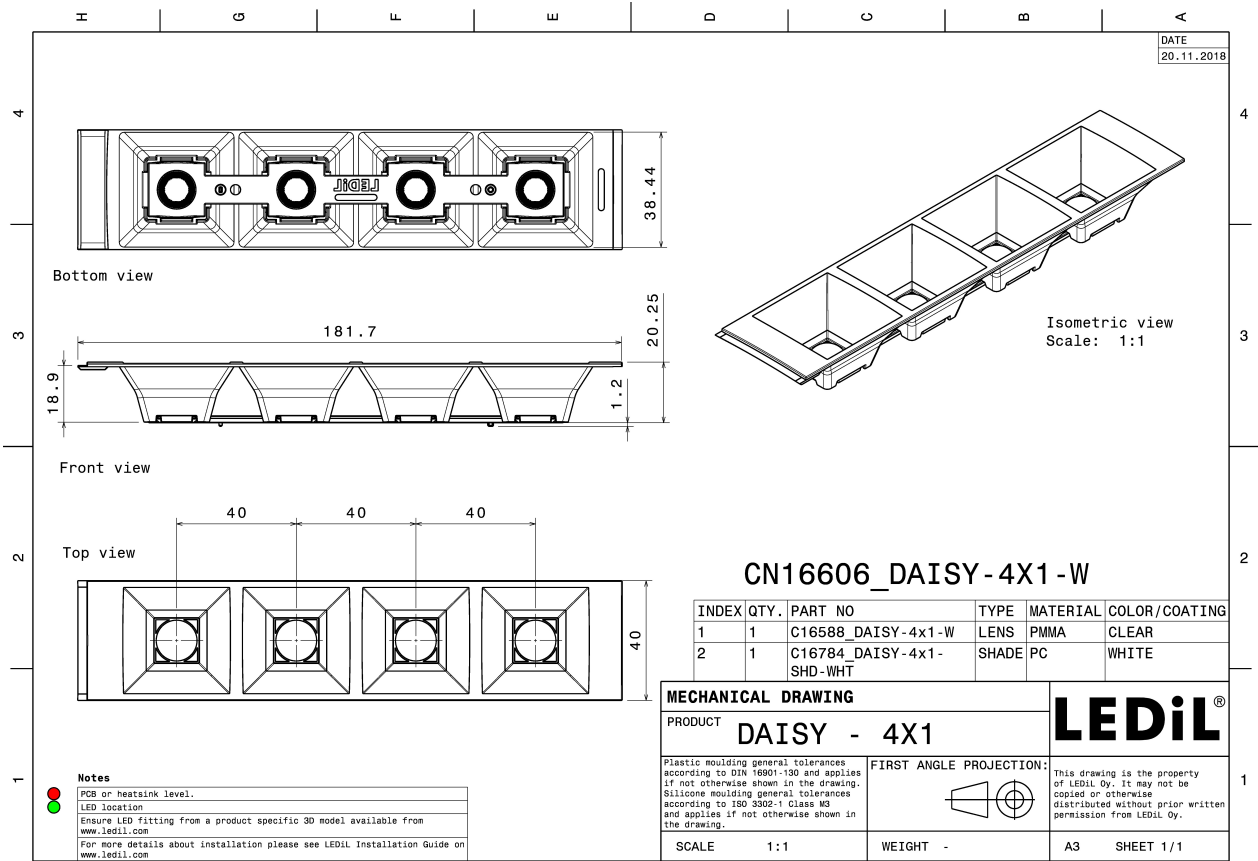
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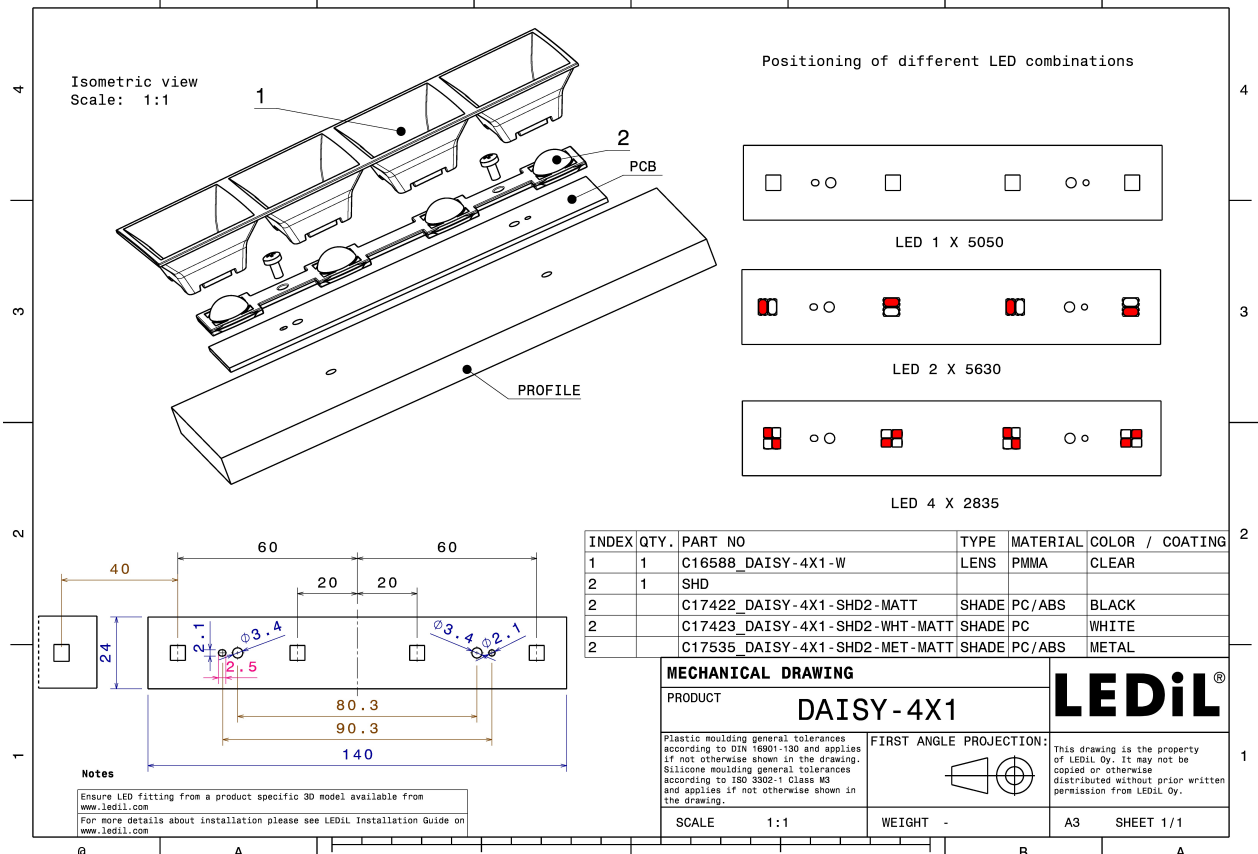
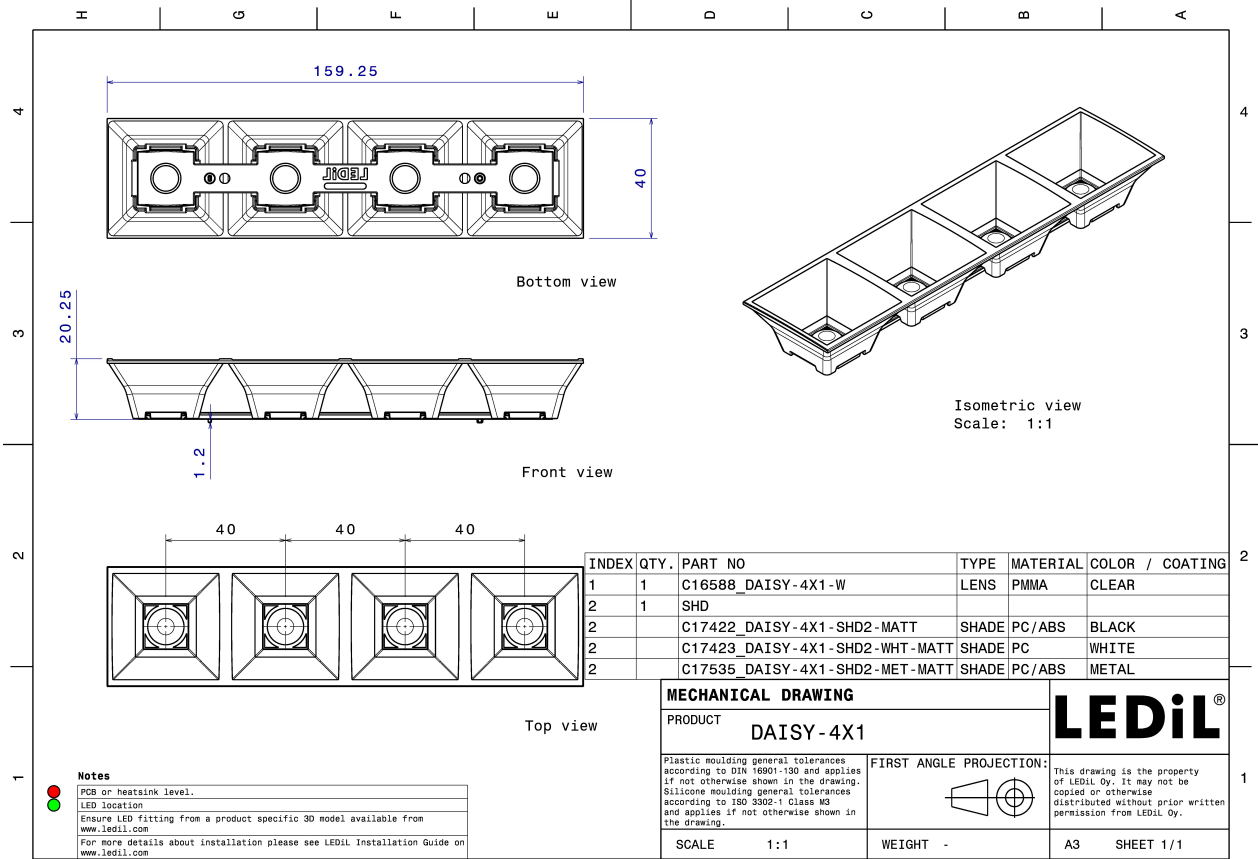
Quantities for one set:

Linear lens	1
Shade	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16588_DAISY-4X1-W » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	6.3
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	8.6
C17535_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.1
C17422_DAISY-4X1-SHD2-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	8.2
C17423_DAISY-4X1-SHD2-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.4
C16590_DAISY-4X1-SHD » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
C17528_DAISY-4X1-SHD-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7



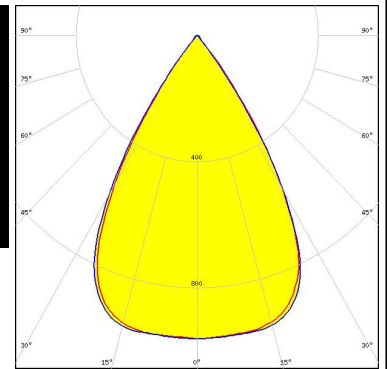


See also our general installation guide: www.ledil.com/installation_guide

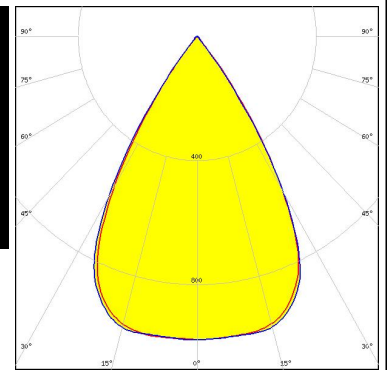
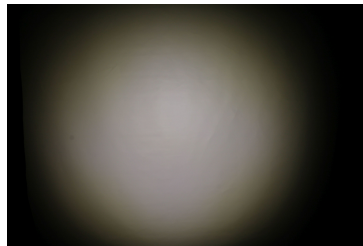
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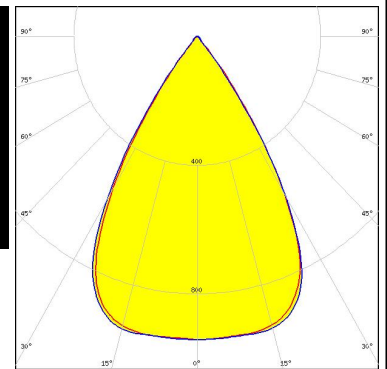
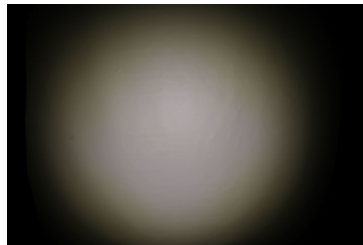
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.0° / 78.0°
 Efficiency 93 %
 Peak intensity 1 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17535_DAISSY-4X1-SHD2-MET-MATT



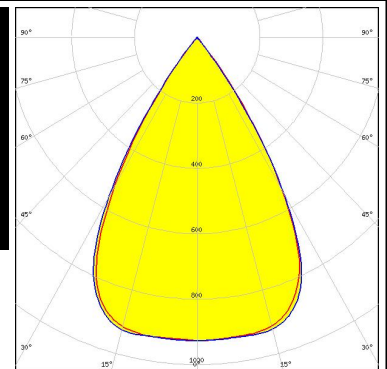
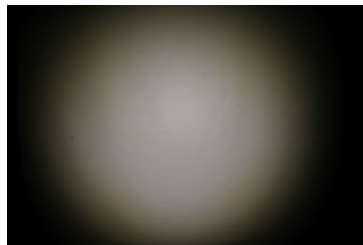
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.0° / 78.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17528_DAISSY-4X1-SHD-MET



LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 64.0° / 78.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17423_DAISSY-4X1-SHD2-WHT-MATT



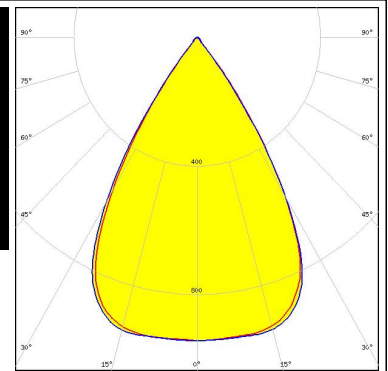
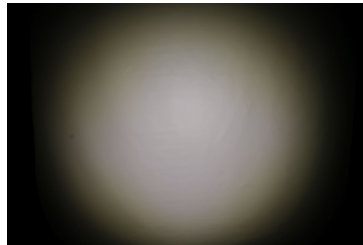
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.0° / 77.5°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



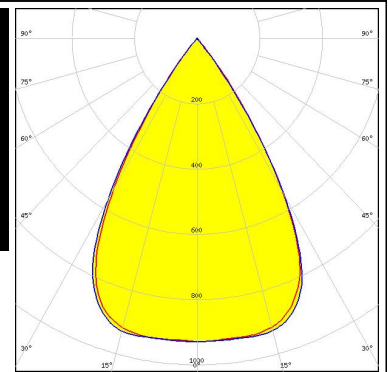
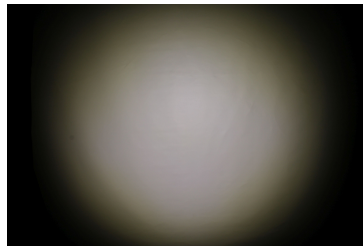
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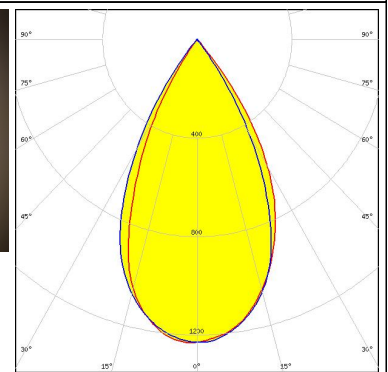
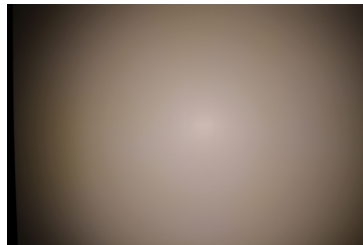
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 64.0° / 78.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



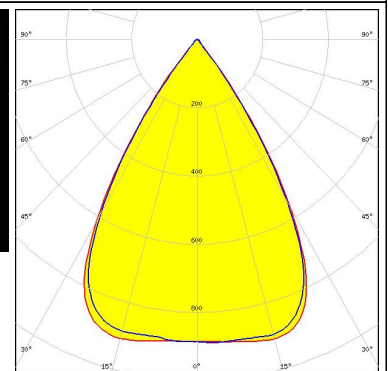
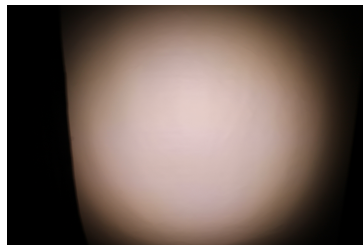
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.0° / 77.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



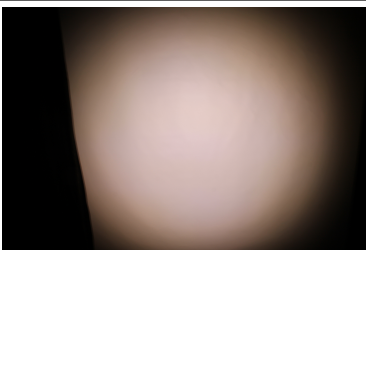
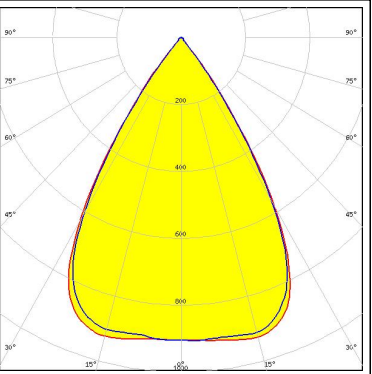
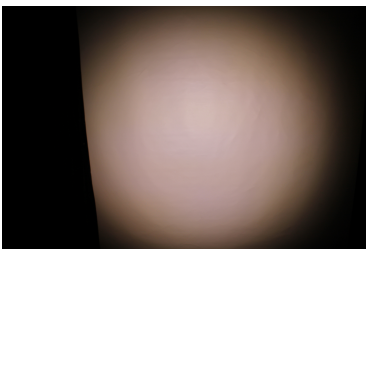
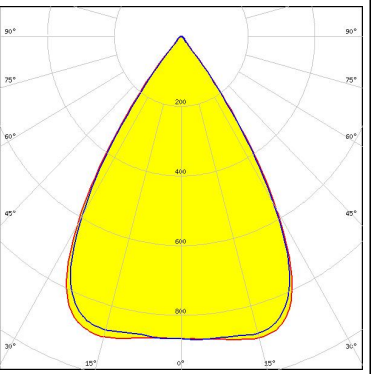

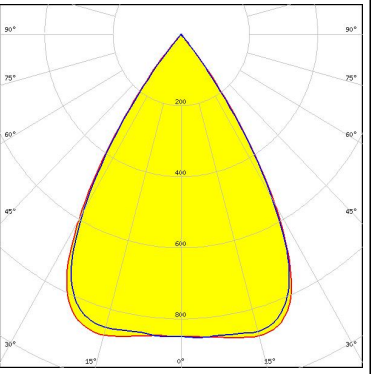
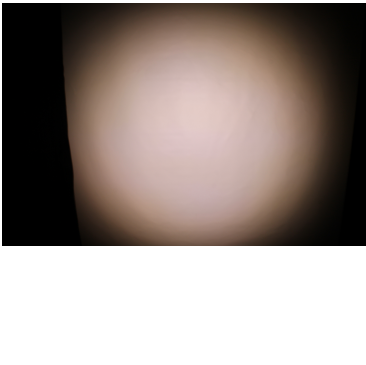
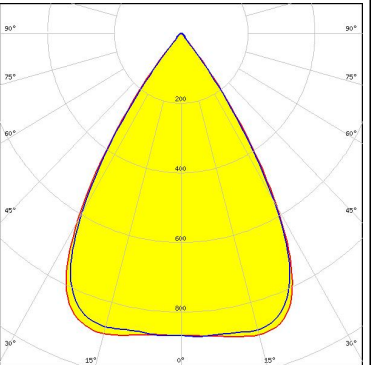
LED LinLED 156x28mm 2x200lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 54.0° / 74.0°
 Efficiency 90 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 2
 Light colour Tunable White
 Required components:
 C16590_DAISSY-4X1-SHD



LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 65.0 + 64.5° / 80.0 + 78.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C17535_DAISSY-4X1-SHD2-MET-MATT



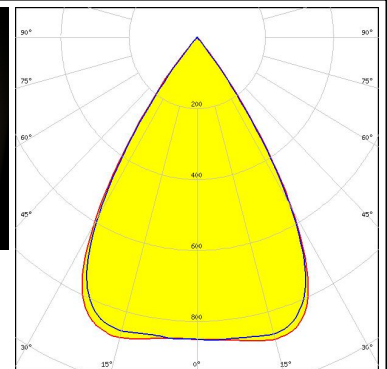
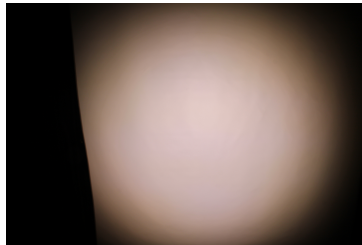
PHOTOMETRIC DATA (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 64.5° / 79.0 + 78.5°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17528_DAISSY-4X1-SHD-MET</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 65.0 + 64.5° / 80.0 + 78.5°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17423_DAISSY-4X1-SHD2-WHT-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 65.0 + 64.5° / 79.0 + 78.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17422_DAISSY-4X1-SHD2-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 65.0 + 64.5° / 80.0 + 78.5°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C16784_DAISSY-4X1-SHD-WHT</p>		

PHOTOMETRIC DATA (MEASURED):

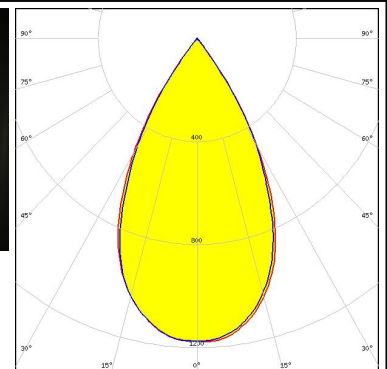
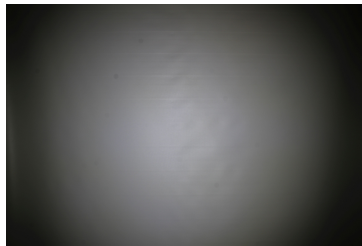
MST *Your solutions*

LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 65.0 + 64.5° / 79.0 + 78.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C16590_DAISSY-4X1-SHD



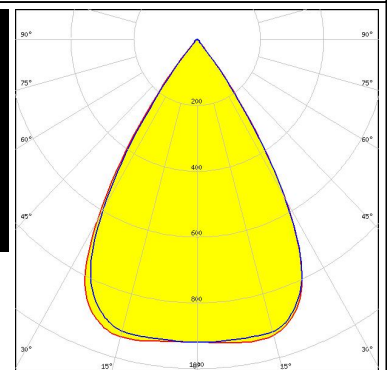
MST *Your solutions*

LED LinLED 156x28mm 400lm 8x0 2C 12V Opt G1
 FWHM / FWTM 56.0° / 75.0°
 Efficiency 90 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



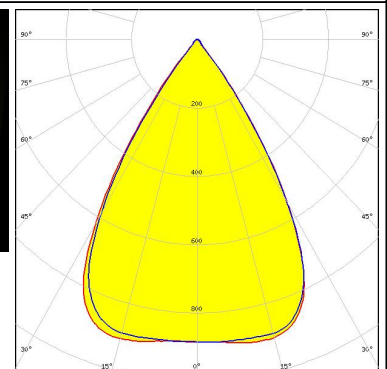
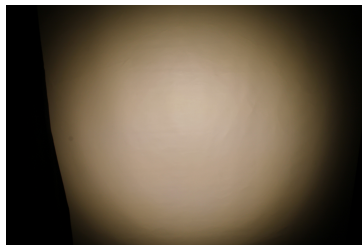
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 64.0 + 63.5° / 79.0 + 77.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17528_DAISSY-4X1-SHD-MET



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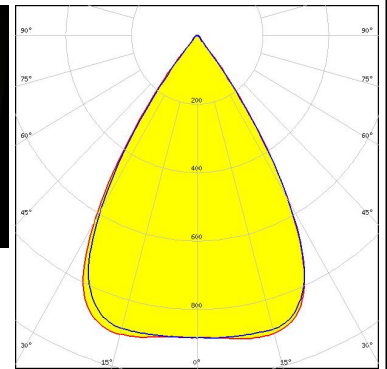
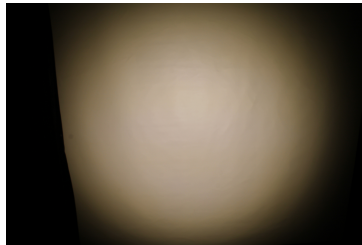
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 65.0 + 64.5° / 79.5 + 78.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17423_DAISSY-4X1-SHD2-WHT-MATT



PHOTOMETRIC DATA (MEASURED):

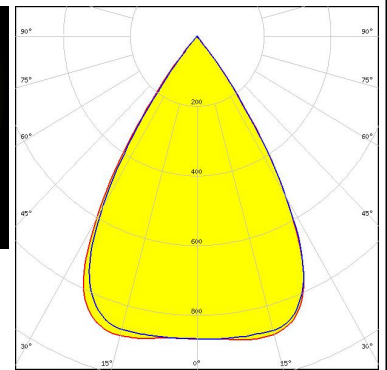
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 65.0 + 64.5° / 80.0 + 78.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



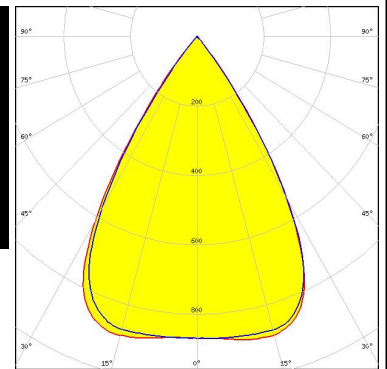
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LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 64.0° / 79.0 + 77.5°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



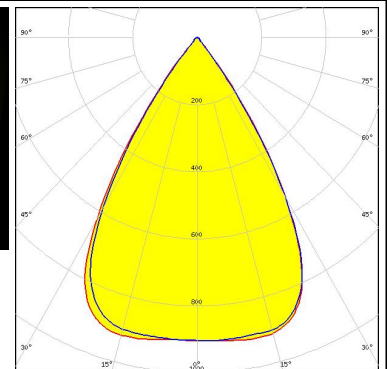
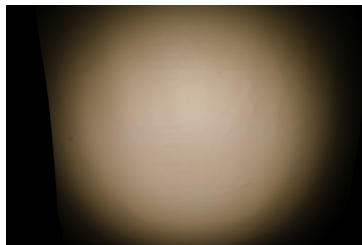
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 64.5° / 79.0 + 77.5°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD

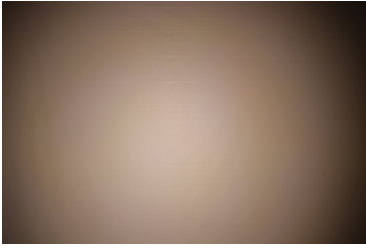
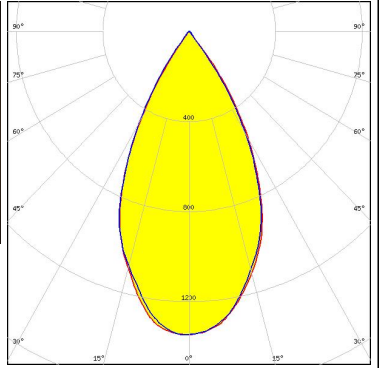
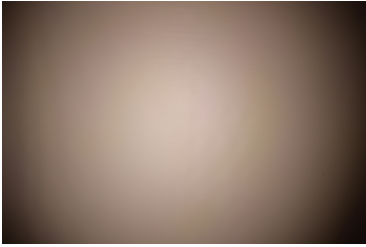
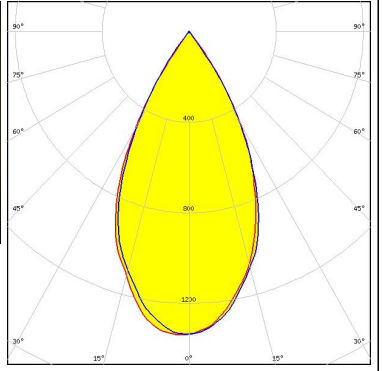
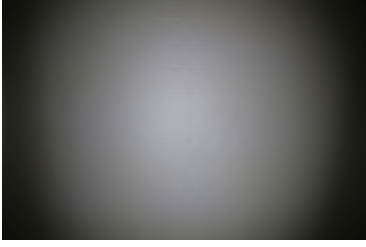
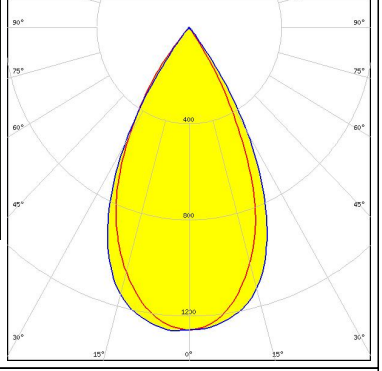
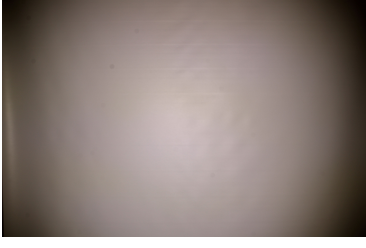
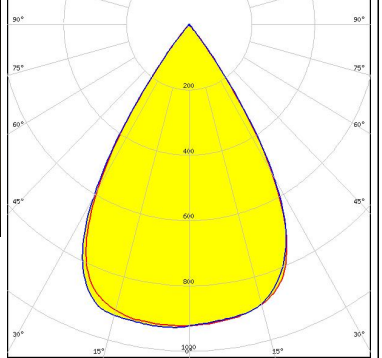


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LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 64.5 + 64.0° / 79.0 + 78.5°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17537_DAISSY-28X1-SHD-MET-MATT



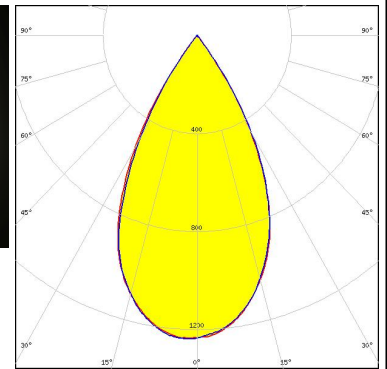
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White) FWHM / FWTM 53.0° / 74.0° Efficiency 96 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: C16784_DAISSY-4X1-SHD-WHT</p>		
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White) FWHM / FWTM 53.0° / 73.0° Efficiency 91 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: C16590_DAISSY-4X1-SHD</p>		
<p>SAMSUNG</p> <p>LED LM28xB Series FWHM / FWTM 54.0° / 73.0° Efficiency 91 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components: C17422_DAISSY-4X1-SHD2-MATT</p>		
<p>SAMSUNG</p> <p>LED LM28xB Series FWHM / FWTM 64.0° / 77.0° Efficiency 89 % Peak intensity 0.9 cd/lm LEDs/each optic 4 Light colour White Required components: C16590_DAISSY-4X1-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

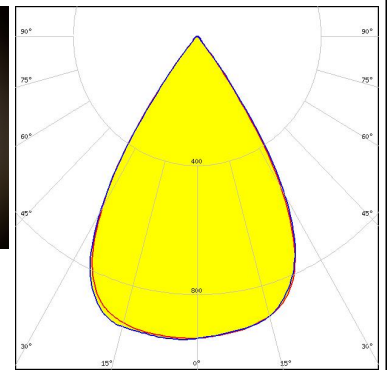
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 55.0° / 73.0°
 Efficiency 91 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16590_DAISY-4X1-SHD



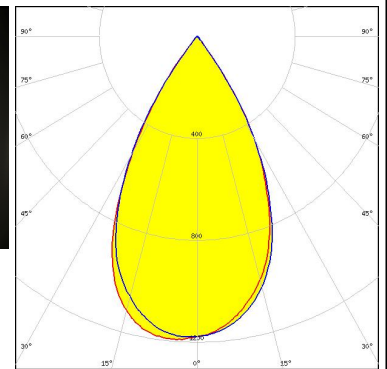
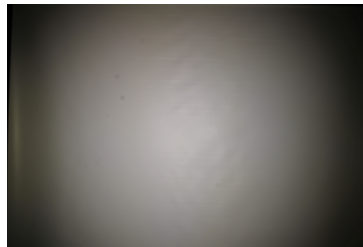
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 64.0° / 78.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISY-4X1-SHD-WHT



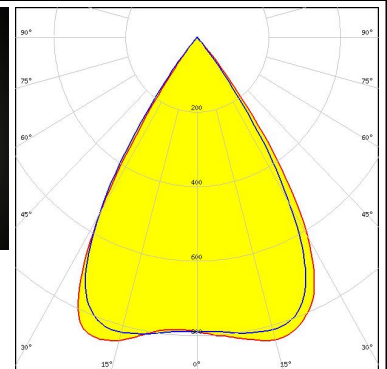
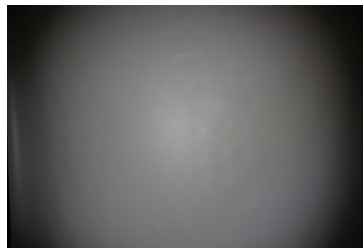
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 56.0° / 75.0°
 Efficiency 94 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16784_DAISY-4X1-SHD-WHT


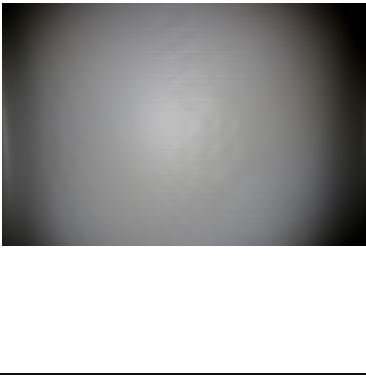
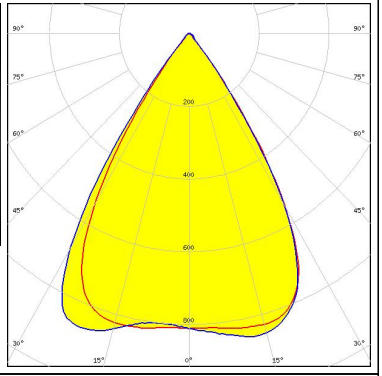


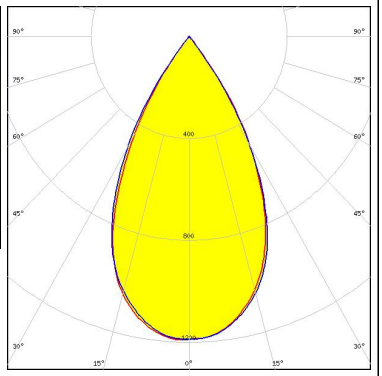


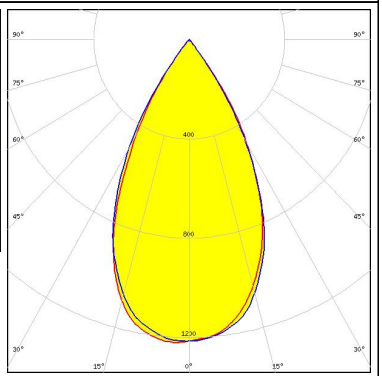


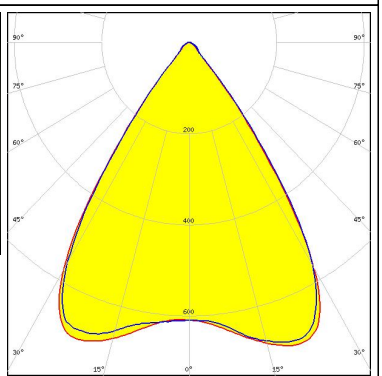


SEOUL SEMICONDUCTOR


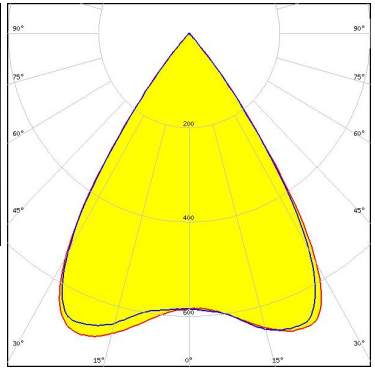

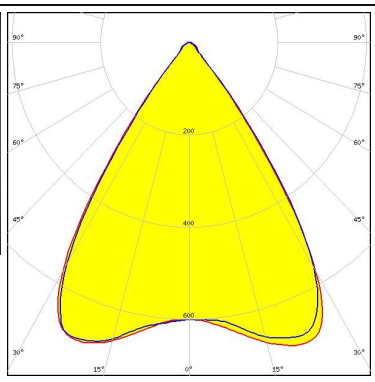

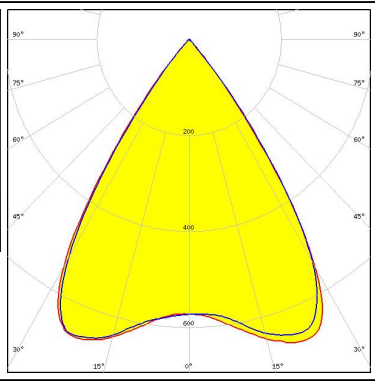
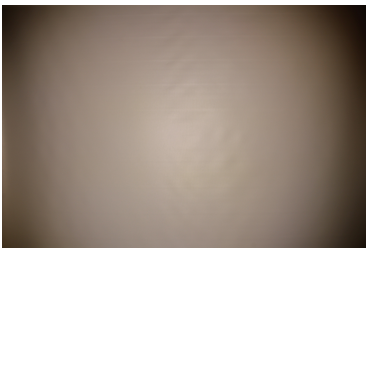
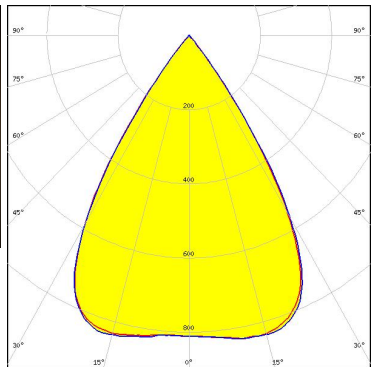
LED SEOUL DC 3030
 FWHM / FWTM 65.0° / 78.0°
 Efficiency 86 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C16590_DAISY-4X1-SHD



PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030 FWHM / FWTM: 66.0° / 79.0° Efficiency: 92 % Peak intensity: 0.9 cd/m LEDs/each optic: 4 Light colour: Tunable White Required components: C16784_DAISSY-4X1-SHD-WHT</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528 FWHM / FWTM: 56.0° / 75.0° Efficiency: 90 % Peak intensity: 1.2 cd/m LEDs/each optic: 2 Light colour: White Required components: C16590_DAISSY-4X1-SHD</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3528 FWHM / FWTM: 54.0° / 74.0° Efficiency: 90 % Peak intensity: 1.2 cd/m LEDs/each optic: 2 Light colour: White Required components: C16590_DAISSY-4X1-SHD</p>		
<p> TEPCOMP group</p> <p>LED: PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM: 69.0° / 84.0° Efficiency: 91 % Peak intensity: 0.8 cd/m LEDs/each optic: 4 Light colour: White Required components: C17423_DAISSY-4X1-SHD2-WHT-MATT</p>		

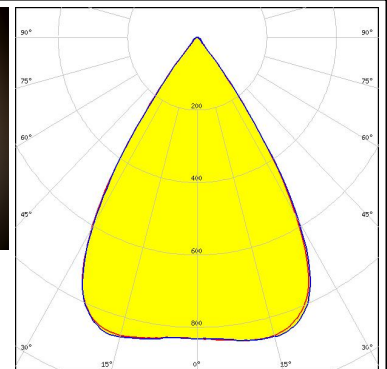
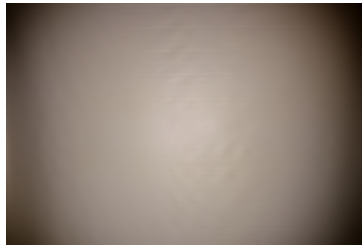
PHOTOMETRIC DATA (MEASURED):

<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC</p> <p>FWHM / FWTM 69.0° / 81.0 + 82.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17422_DAISSY-4X1-SHD2-MATT</p>		
<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC</p> <p>FWHM / FWTM 69.0° / 83.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16784_DAISSY-4X1-SHD-WHT</p>		
<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC</p> <p>FWHM / FWTM 69.0° / 81.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16590_DAISSY-4X1-SHD</p>		
<p>TRIDONIC</p> <p>LED LLE 24x140mm 400lm 827-865 LVD ADV1</p> <p>FWHM / FWTM 66.0° / 79.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16590_DAISSY-4X1-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

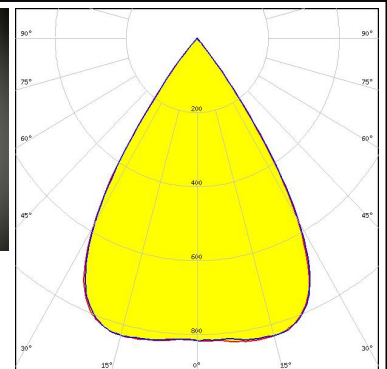
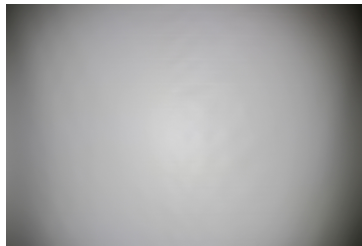
TRIDONIC

LED LLE 24x140mm 400lm 827-865 LVD ADV1
 FWHM / FWTM 66.0° / 80.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



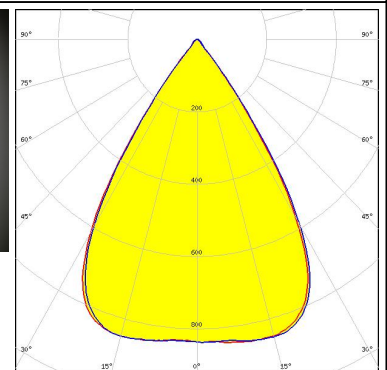
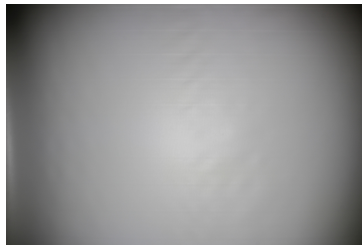
TRIDONIC

LED LLE 24x140mm 400lm 8x0 LVD ADV1
 FWHM / FWTM 66.0° / 79.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



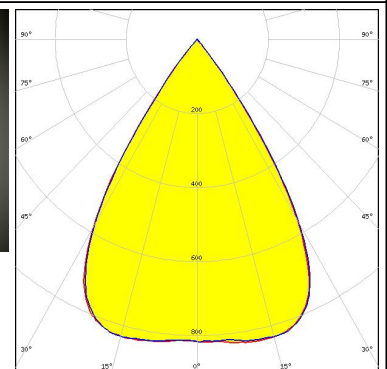
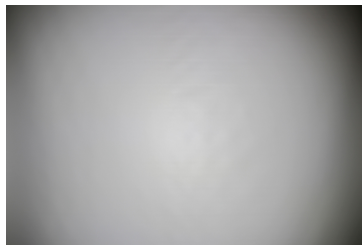
TRIDONIC

LED LLE 24x140mm 400lm 8x0 LVD ADV1
 FWHM / FWTM 66.0° / 80.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



TRIDONIC

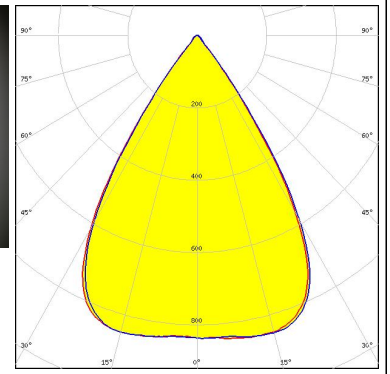
LED LLE 24x280mm 750lm 8x0 LVD ADV1
 FWHM / FWTM 66.0° / 79.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

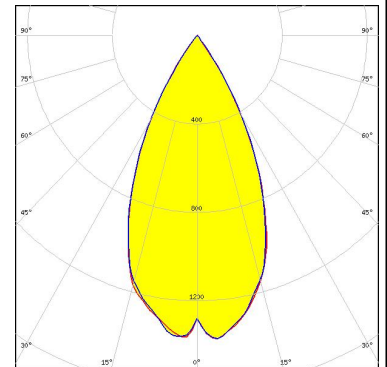
LED LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM 66.0° / 80.0°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 4
Light colour White
Required components:
C16784_DAISY-4X1-SHD-WHT



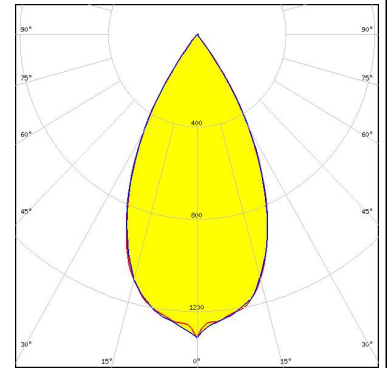
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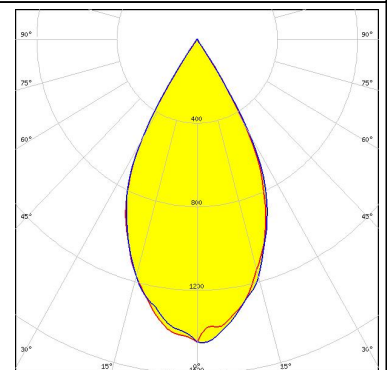
LED J Series 2835
 FWHM / FWTM 50.0° / 72.0°
 Efficiency 88 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



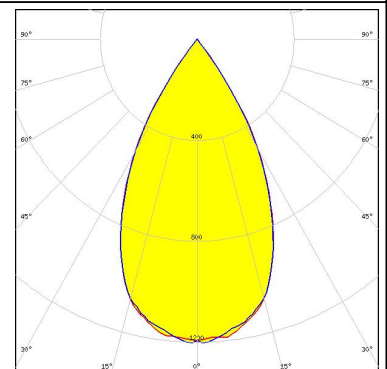
LED J Series 5050 Round LES
 FWHM / FWTM 52.0° / 74.0°
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



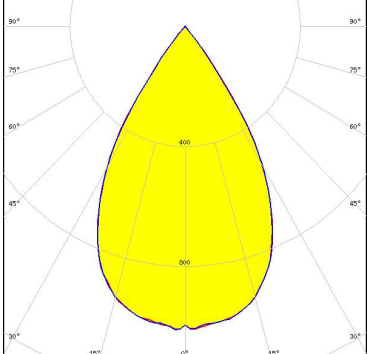
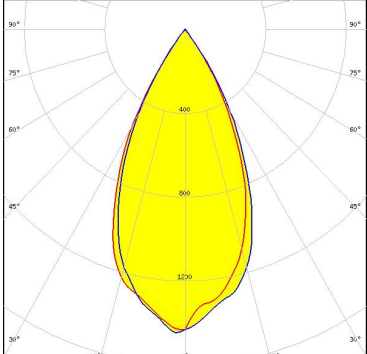
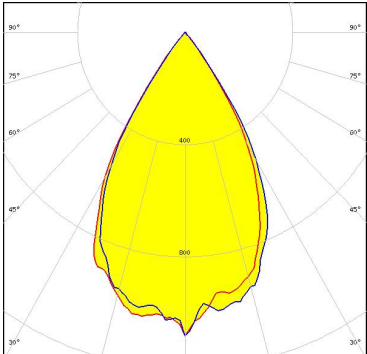
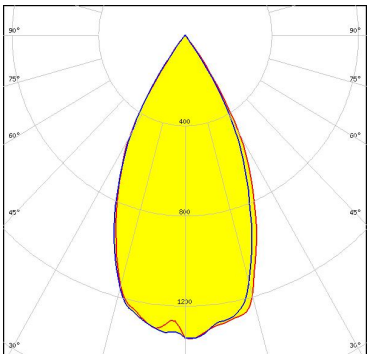
LED LUXEON 5050 Round LES
 FWHM / FWTM 54.0° / 69.0°
 Efficiency 92 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



LED NF2W757G-MT (Tunable White)
 FWHM / FWTM 56.0° / 76.0°
 Efficiency 91 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 2
 Light colour Tunable White
 Required components:
 C16590_DAISSY-4X1-SHD



PHOTOMETRIC DATA (SIMULATED):

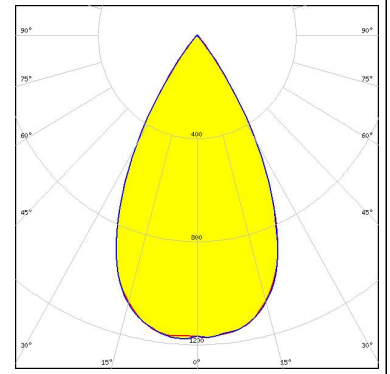
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 62.0° / 78.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C16590_DAISY-4X1-SHD</p>	
<p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 50.0° / 72.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16590_DAISY-4X1-SHD</p>	
<p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 60.0° / 77.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16590_DAISY-4X1-SHD</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 52.0° / 73.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16590_DAISY-4X1-SHD</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	Duris S8
FWHM / FWTM	56.0° / 76.0°
Efficiency	92 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C16784_DAISY-4X1-SHD-WHT



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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