

DAISY-28X1-W

~50° wide beam. Variant with 4X1 lenses.

SPECIFICATION:

Dimensions	1140.0 x 40.0 mm
Height	20.2 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
C16588_DAISY-4X1-W	Linear lens	PMMA	clear	
C17482_DAISY-28X1-SHD-WHT-MATT	Shade	PC	white	matt
C17481_DAISY-28X1-SHD-MATT	Shade	PC	black	matt
C16783_DAISY-28X1-SHD-WHT	Shade	PC	white	gloss
C16585_DAISY-28X1-SHD	Shade	PC-ABS	black	gloss

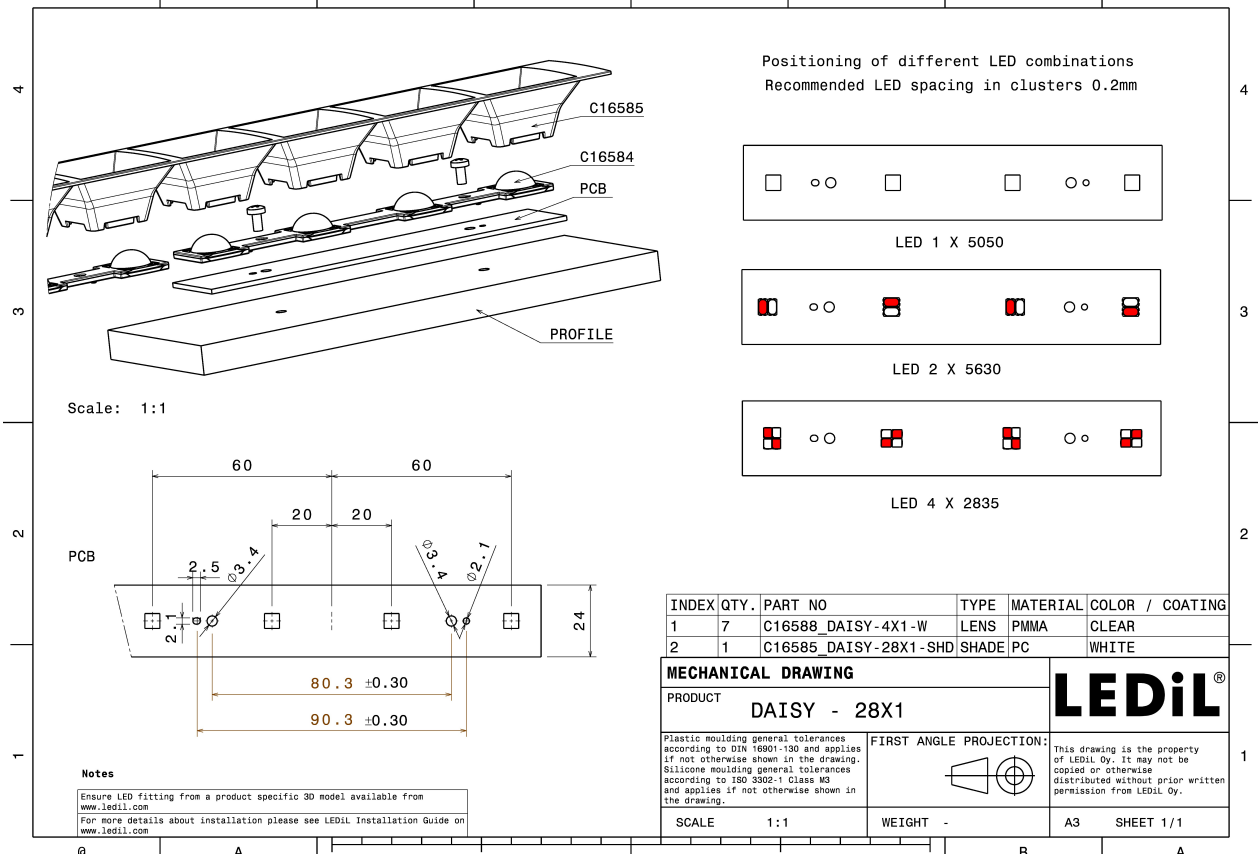
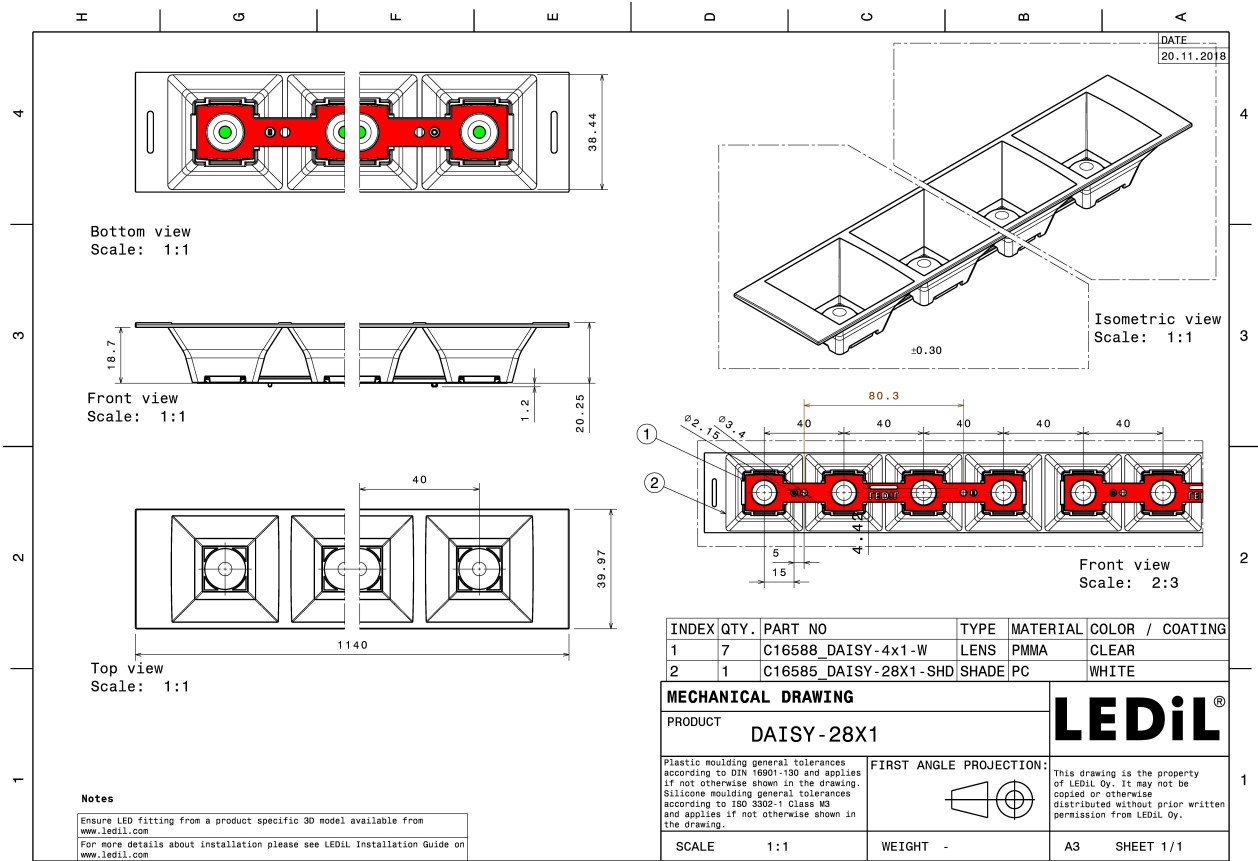
ORDERING INFORMATION:

Quantities for one set:

Linear lens	7
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
C17481_DAISY-28X1-SHD-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.6
C16585_DAISY-28X1-SHD » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.4
C17482_DAISY-28X1-SHD-WHT-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.7
C16783_DAISY-28X1-SHD-WHT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.8

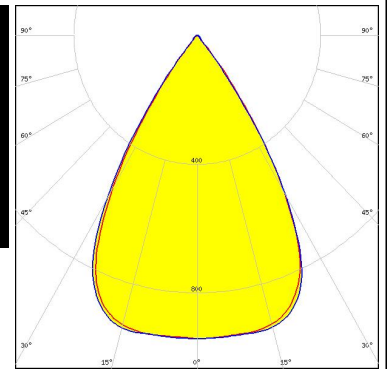
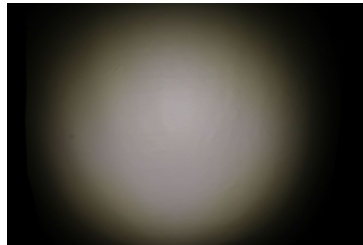


See also our general installation guide: www.ledil.com/installation_guide

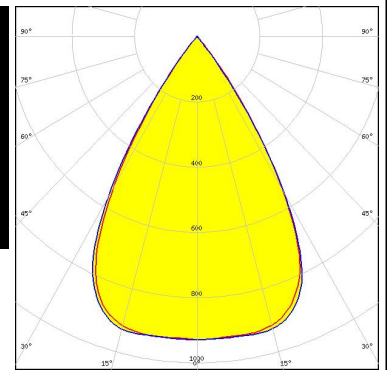
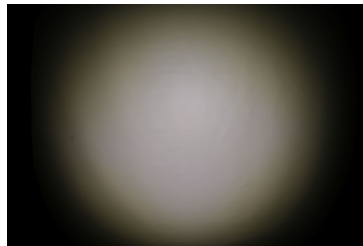
OPTICAL RESULTS (MEASURED):



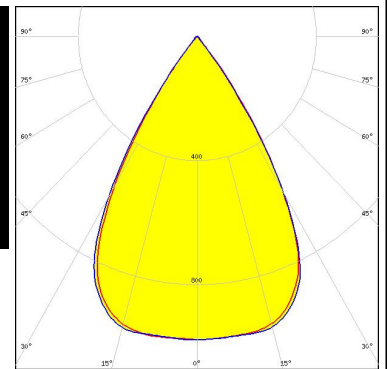
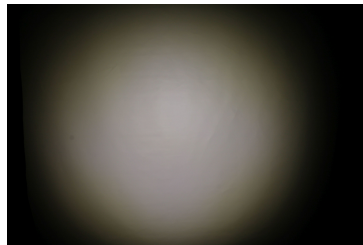
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 64.0° / 78.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17482_DAISSY-28X1-SHD-WHT-MATT



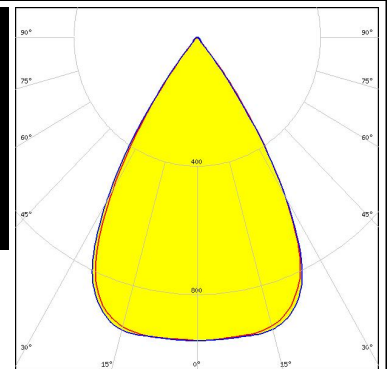
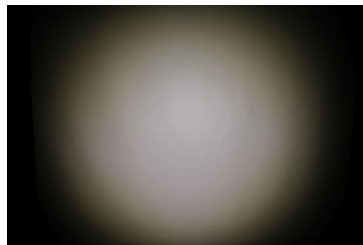
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 63.0° / 77.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



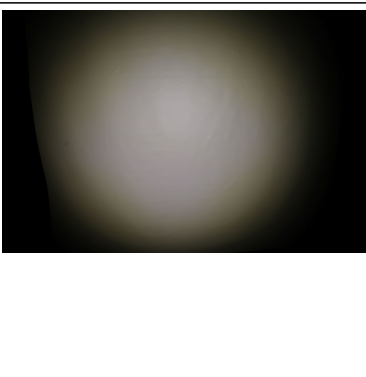
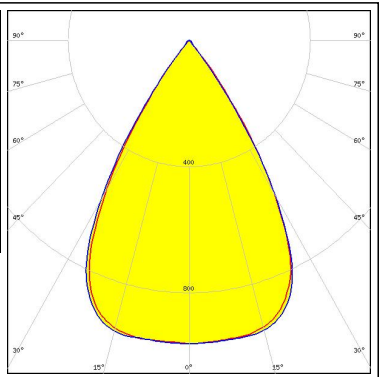

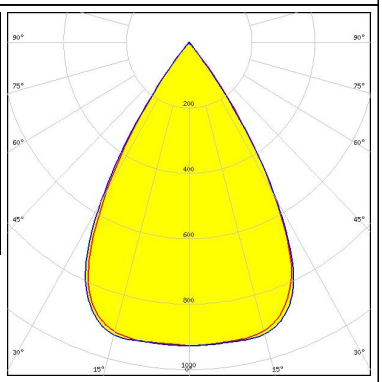
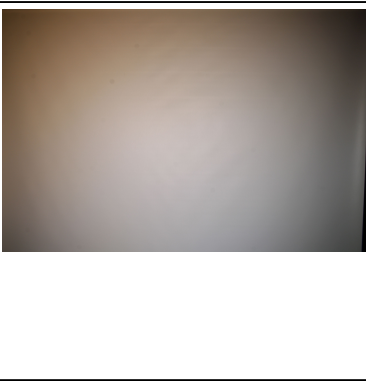
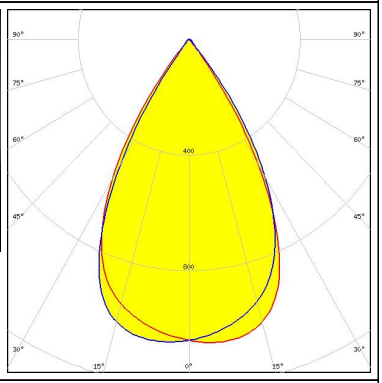
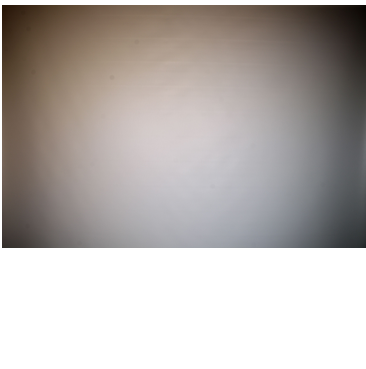
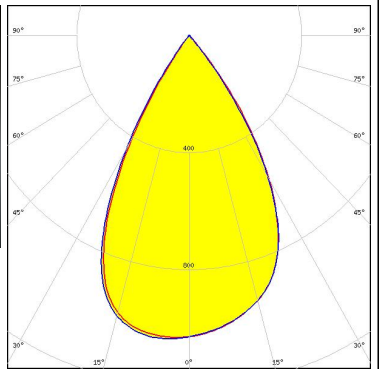
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 63.0° / 78.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17527_DAISSY-28X1-SHD-MET



LED LIGHT ENGINE DAISY 112 LEDs 1,140mm 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:
 C16783_DAISSY-28X1-SHD-WHT



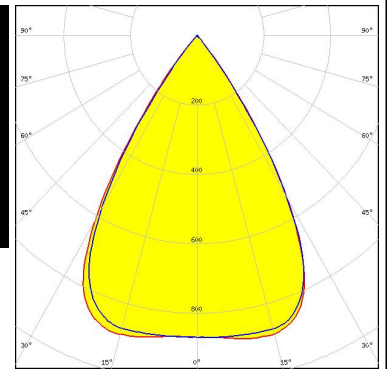
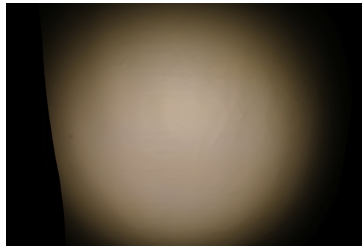
OPTICAL RESULTS (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm</p> <p>FWHM / FWTM 63.0° / 78.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17537_DAISY-28X1-SHD-MET-MATT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm</p> <p>FWHM / FWTM 63.0° / 77.5°</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: C17481_DAISY-28X1-SHD-MATT</p>		
<p>Helvar</p> <p>LED LDL-iC-562-827-2000lm</p> <p>FWHM / FWTM 60.0° / 77.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16783_DAISY-28X1-SHD-WHT</p>		
<p>Helvar</p> <p>LED LDL-iC-562-827-2000lm</p> <p>FWHM / FWTM 60.0° / 76.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16585_DAISY-28X1-SHD</p>		

OPTICAL RESULTS (MEASURED):

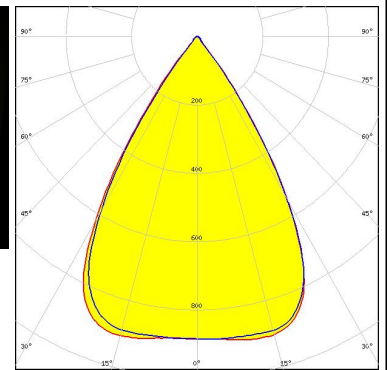
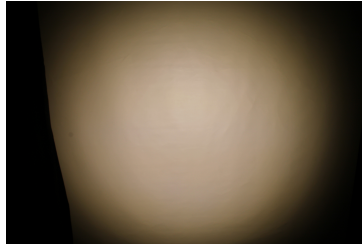
MST *Your solutions*

LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 65.0° / 78.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



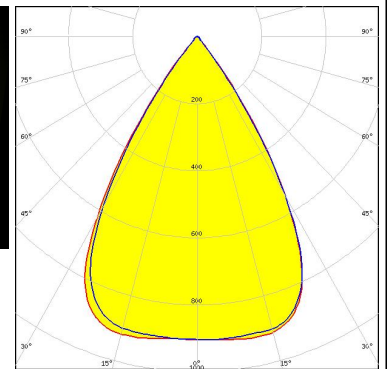
MST *Your solutions*

LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 65.0 + 64.5° / 79.5 + 78.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C17482_DAISSY-28X1-SHD-WHT-MATT



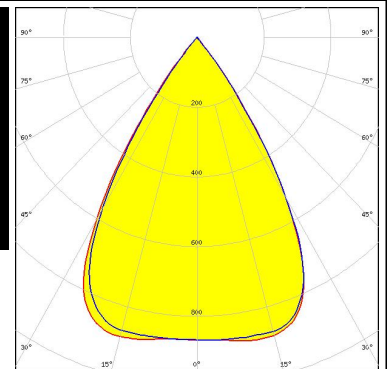
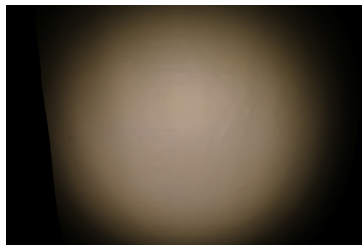
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LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 64.5 + 64.0° / 79.0 + 78.5°
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C17537_DAISSY-28X1-SHD-MET-MATT



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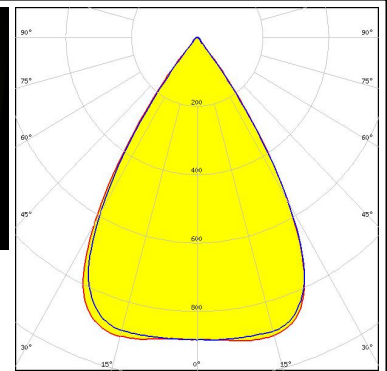
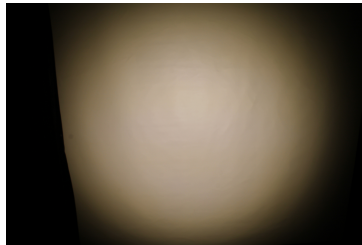
LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 64.0° / 78.0°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C17481_DAISSY-28X1-SHD-MATT



OPTICAL RESULTS (MEASURED):

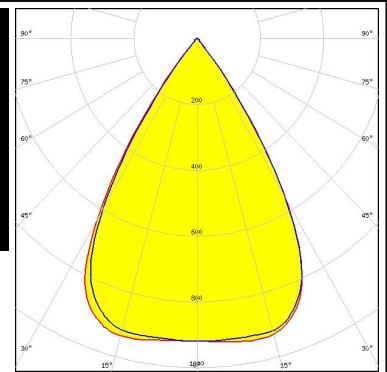
MST *Your solutions*

LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 65.0 + 64.5° / 80.0 + 78.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



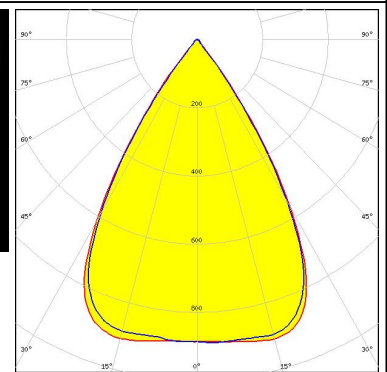
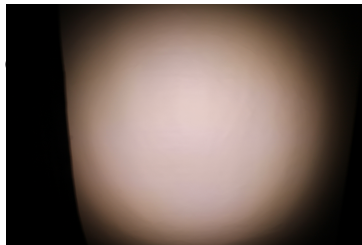
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LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 64.0 + 63.5° / 79.0 + 77.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C17527_DAISSY-28X1-SHD-MET



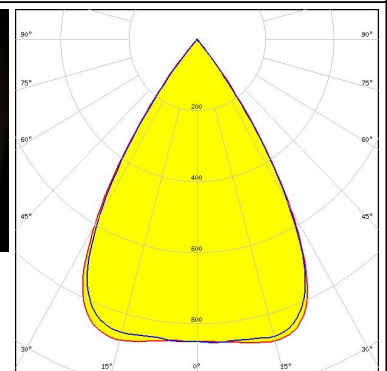
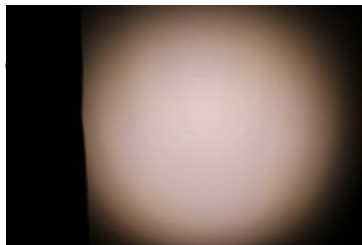
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LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY
 FWHM / FWTM 65.0 + 64.5° / 80.0 + 78.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C17537_DAISSY-28X1-SHD-MET-MATT

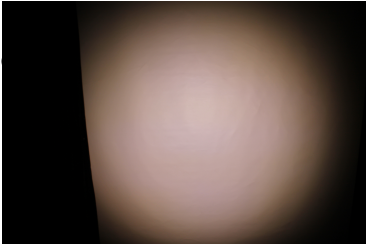
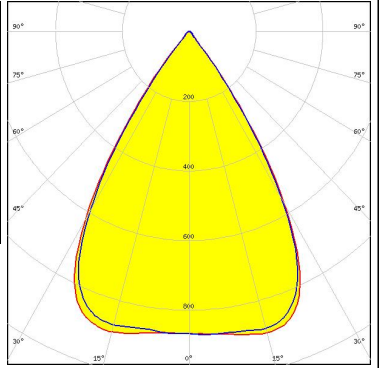
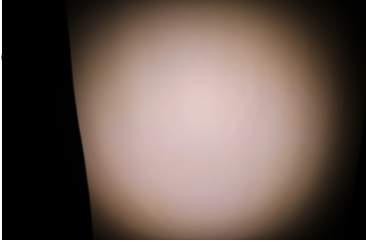
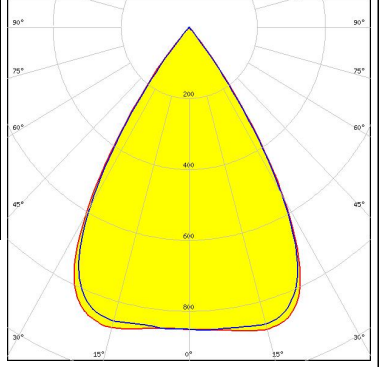
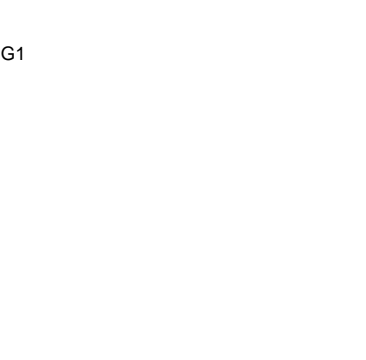
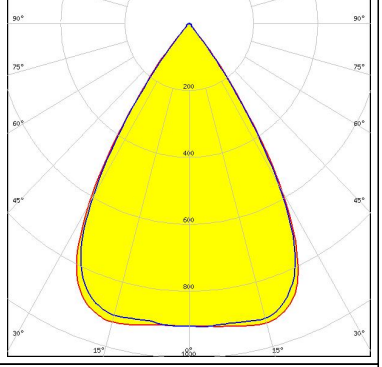

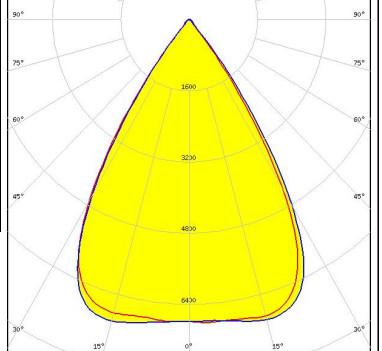


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LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY
 FWHM / FWTM 65.0 + 64.5° / 79.0 + 78.0°
 Efficiency 88 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C17481_DAISSY-28X1-SHD-MATT



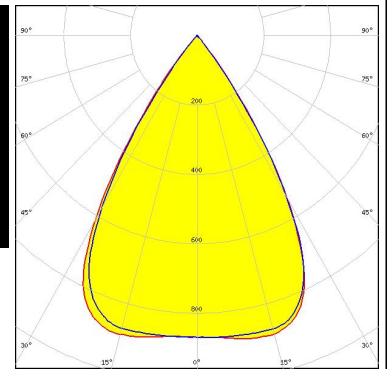
OPTICAL RESULTS (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY</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: C17482_DAISSY-28X1-SHD-WHT-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY</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: C16585_DAISSY-28X1-SHD</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY 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: C17527_DAISSY-28X1-SHD-MET</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY</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: C16783_DAISSY-28X1-SHD-WHT</p>		

OPTICAL RESULTS (MEASURED):

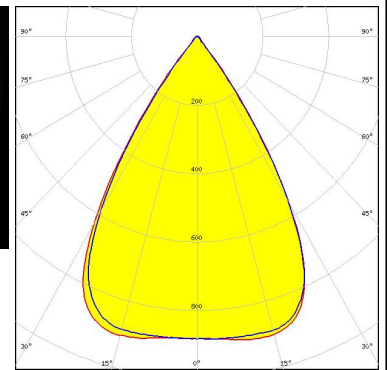
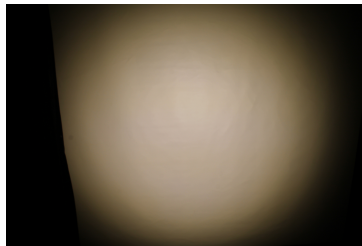
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 2C 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:
 C16585_DAISSY-28X1-SHD



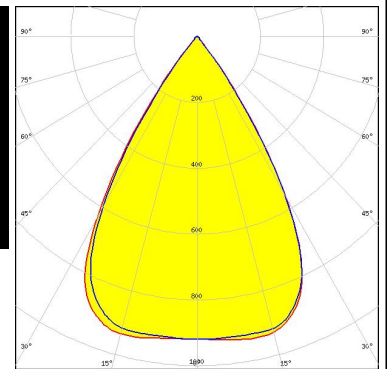
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 2C 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:
 C16783_DAISSY-28X1-SHD-WHT



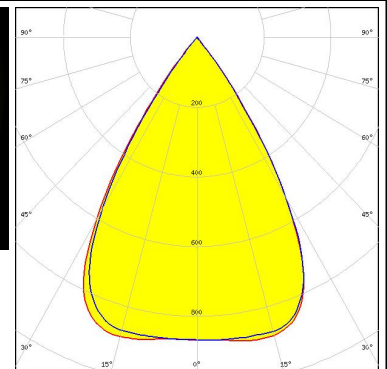
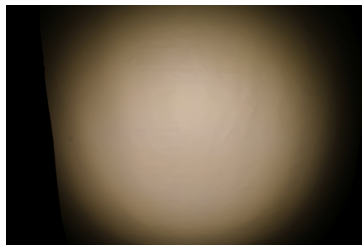
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 2C 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:
 C17527_DAISSY-28X1-SHD-MET



MST *Your solutions*

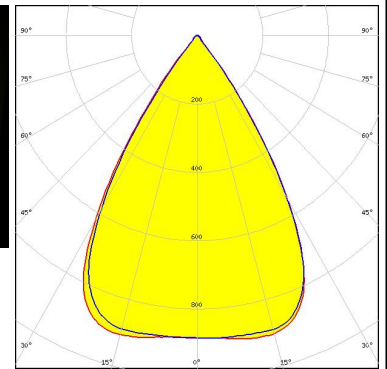
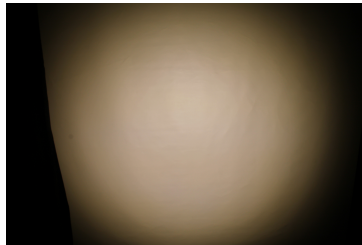
LED LinLED 1120x28mm 4400lm 8x0 2C Opt G1
 FWHM / FWTM 64.0° / 79.0 + 77.5°
 Efficiency 87 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17481_DAISSY-28X1-SHD-MATT



OPTICAL RESULTS (MEASURED):

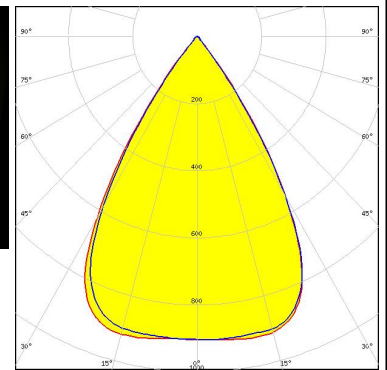
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 2C 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:
 C17482_DAISSY-28X1-SHD-WHT-MATT



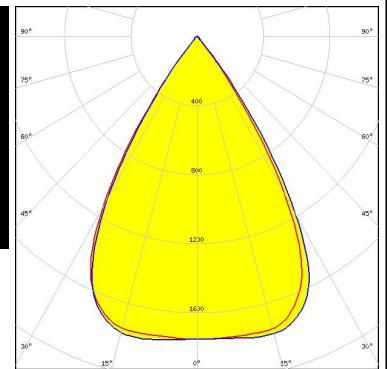
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 2C 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



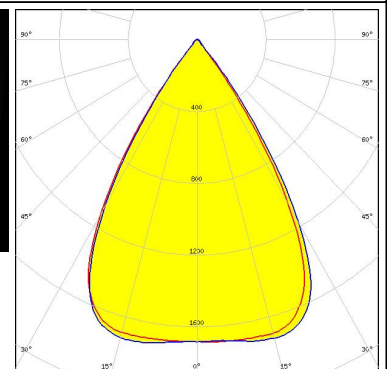
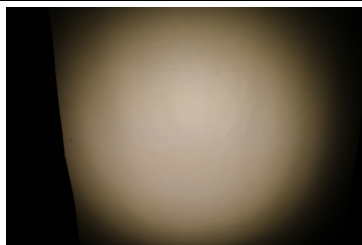
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 4C 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:
 C17527_DAISSY-28X1-SHD-MET

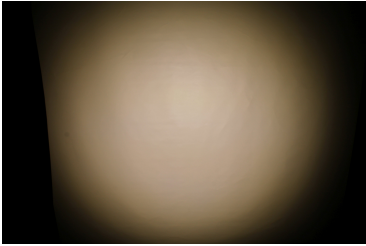
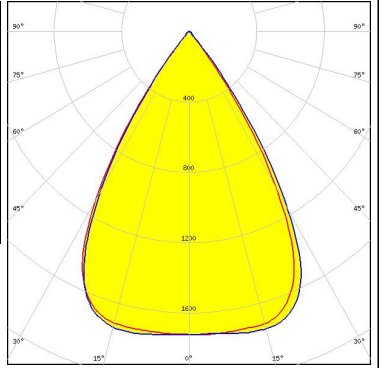

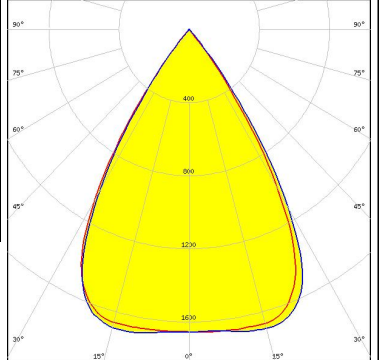
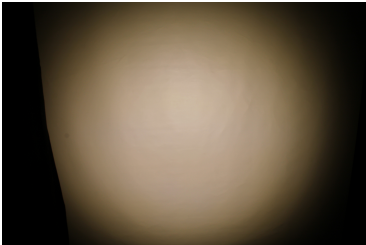
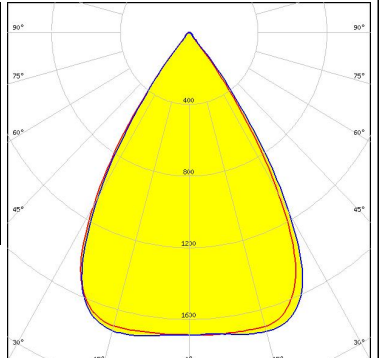
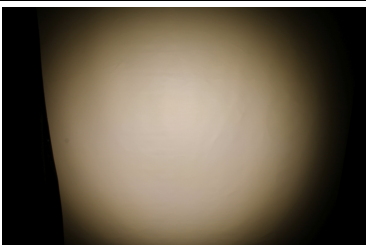
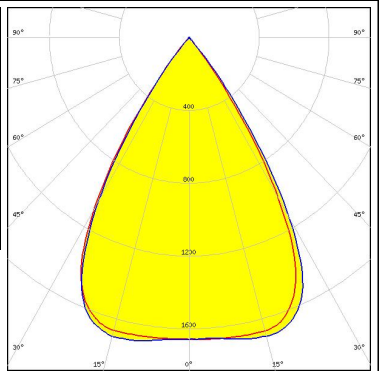


MST *Your solutions*

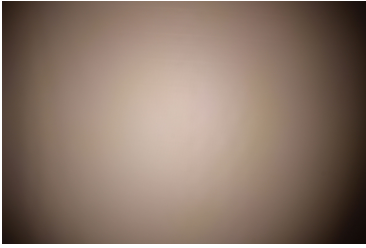
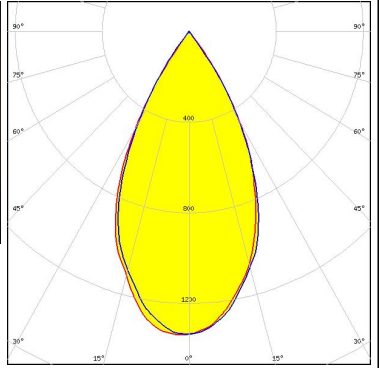
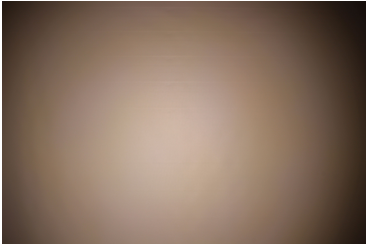
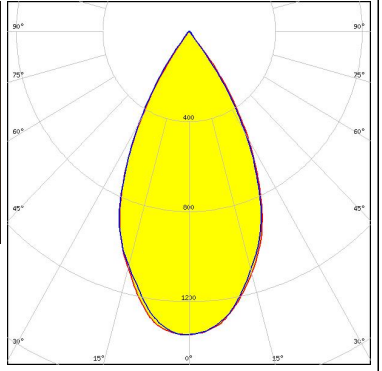
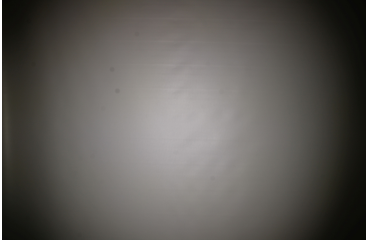
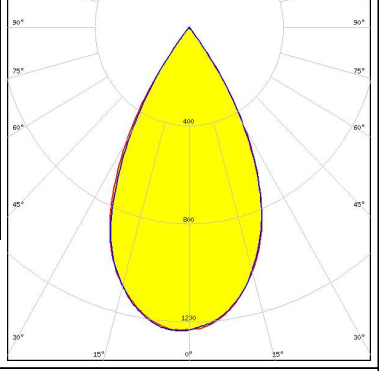
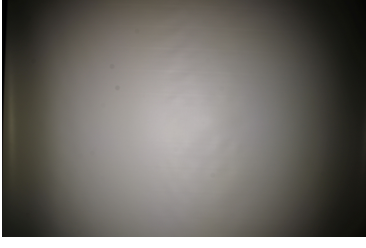
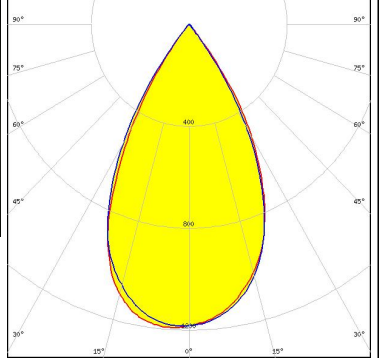
LED LinLED 1120x28mm 4400lm 8x0 4C Opt G1
 FWHM / FWTM 65.0 + 64.5° / 80.0 + 78.5°
 Efficiency 93 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT





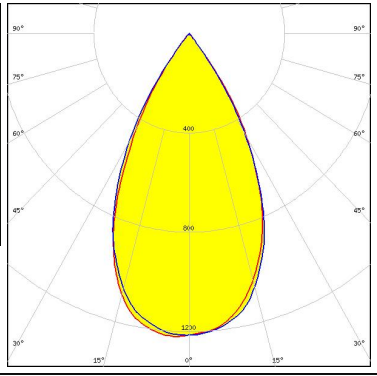


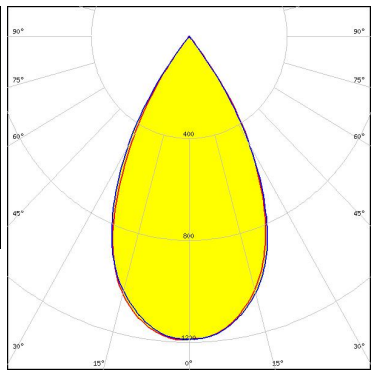


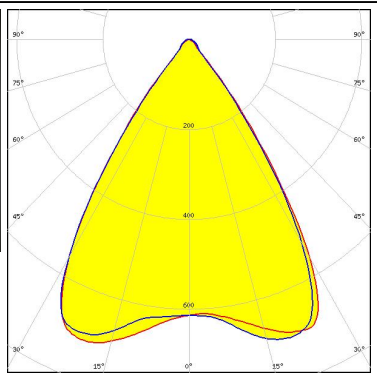

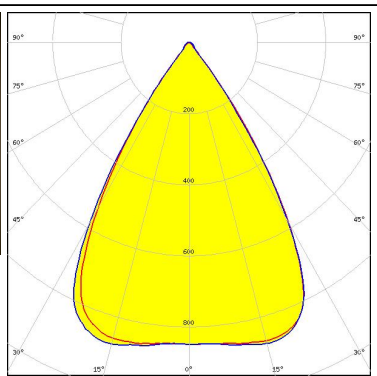
OPTICAL RESULTS (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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: C17481_DAISSY-28X1-SHD-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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: C17482_DAISSY-28X1-SHD-WHT-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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: C16585_DAISSY-28X1-SHD</p>		

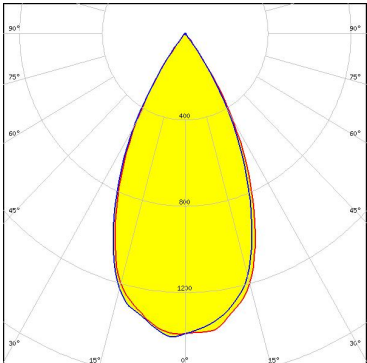
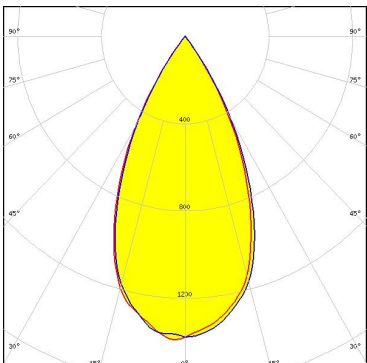
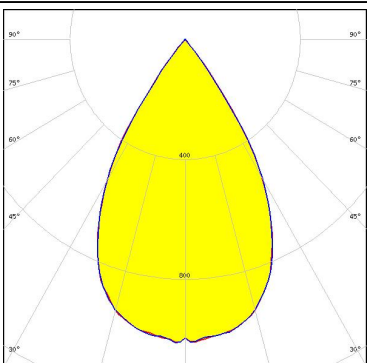
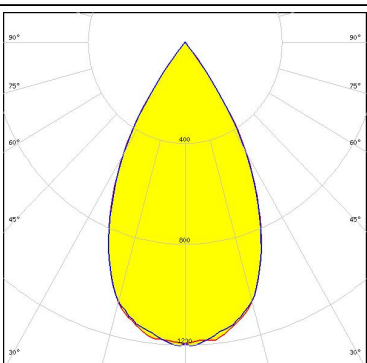
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 53.0° / 73.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16585_DAISSY-28X1-SHD</p>		
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 53.0° / 74.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 1.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16783_DAISSY-28X1-SHD-WHT</p>		
<p>SAMSUNG</p> <p>LED LM28xB Series</p> <p>FWHM / FWTM 55.0° / 73.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 2</p> <p>Light colour White</p> <p>Required components: C16585_DAISSY-28X1-SHD</p>		
<p>SAMSUNG</p> <p>LED LM28xB Series</p> <p>FWHM / FWTM 56.0° / 75.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 2</p> <p>Light colour White</p> <p>Required components: C16783_DAISSY-28X1-SHD-WHT</p>		

OPTICAL RESULTS (MEASURED):

<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: C16585_DAISSY-28X1-SHD</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: C16585_DAISSY-28X1-SHD</p>		
<p> TEPCOMP group</p> <p>LED: PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC FWHM / FWTM: 68.0° / 83.0° Efficiency: 91 % Peak intensity: 0.8 cd/m LEDs/each optic: 4 Light colour: White Required components: C16783_DAISSY-28X1-SHD-WHT</p>		
<p>TRIDONIC</p> <p>LED: LLE 24x280mm 750lm 8x0 LVD ADV1 FWHM / FWTM: 65.0° / 79.0° Efficiency: 94 % Peak intensity: 0.9 cd/m LEDs/each optic: 1 Light colour: White Required components: C16783_DAISSY-28X1-SHD-WHT</p>		

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON 2835 Line FWHM / FWTM 51.0° / 72.0° Efficiency 94 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: C16783_DAISSY-28X1-SHD-WHT</p>	
<p>LUMILEDS</p> <p>LED LUXEON 2835 Line FWHM / FWTM 51.0° / 72.0° Efficiency 91 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: C16585_DAISSY-28X1-SHD</p>	
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White) FWHM / FWTM 62.0° / 78.0° Efficiency 90 % Peak intensity 1 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C16585_DAISSY-28X1-SHD</p>	
<p>NICHIA</p> <p>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: C16585_DAISSY-28X1-SHD</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:

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