

DAISY-28X1-WW

~80° 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
C16584_DAISY-4X1-WW	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

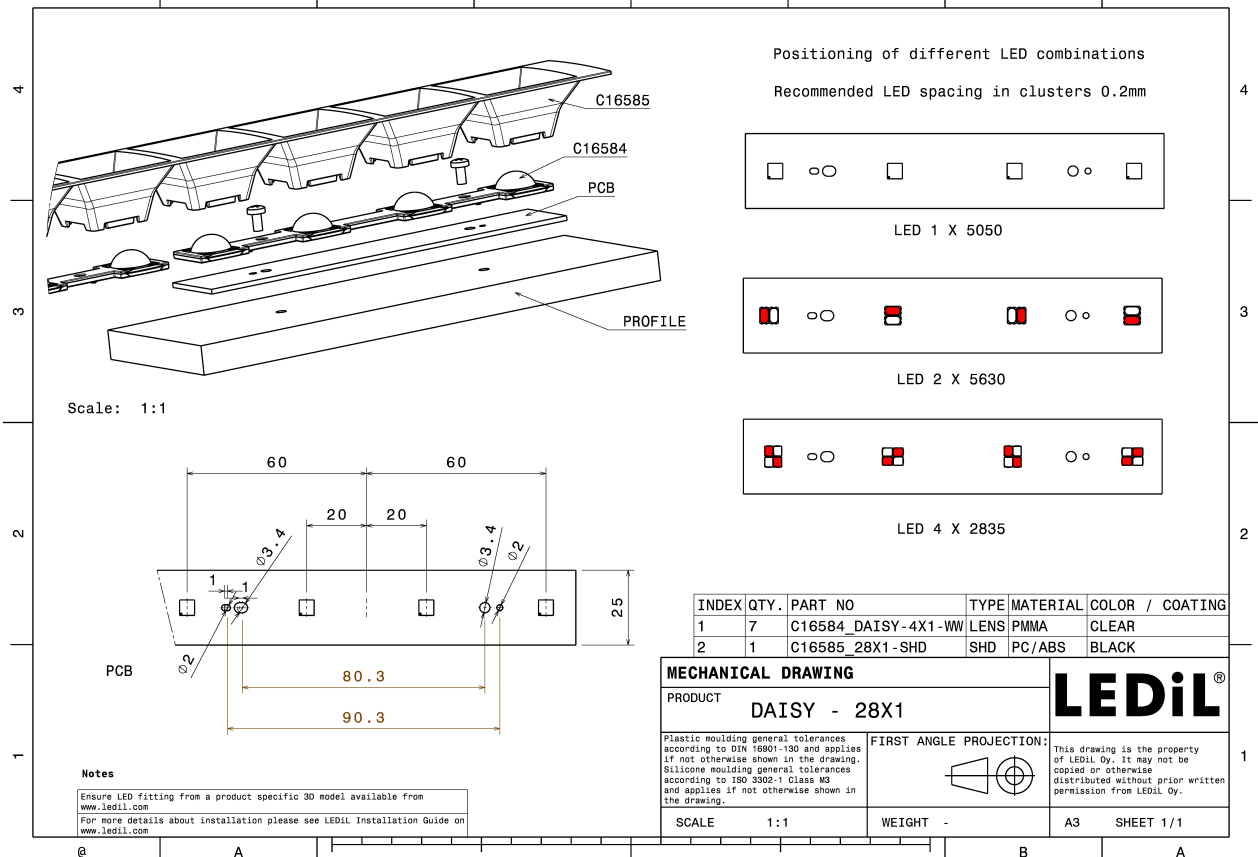
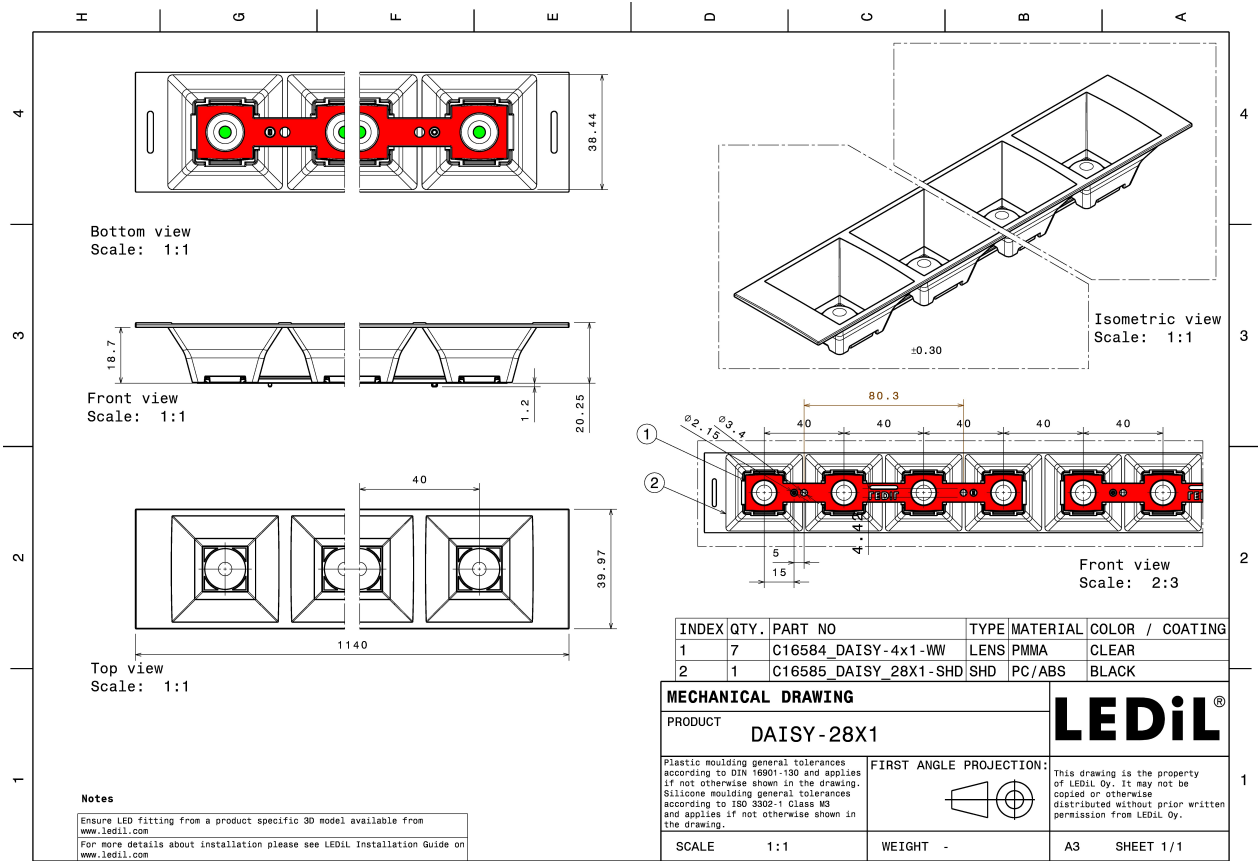
ORDERING INFORMATION:

Quantities for one set:

Linear lens	7
Shade	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16584_DAISY-4X1-WW » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	5.6
C17482_DAISY-28X1-SHD-WHT-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.7
C16585_DAISY-28X1-SHD » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.4
C16783_DAISY-28X1-SHD-WHT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.8
C17481_DAISY-28X1-SHD-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.6

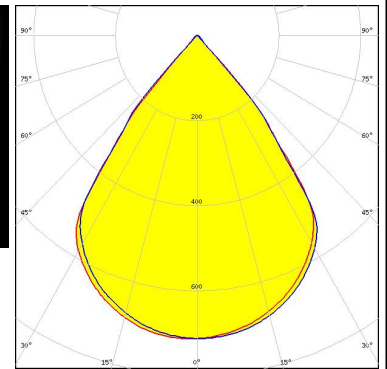
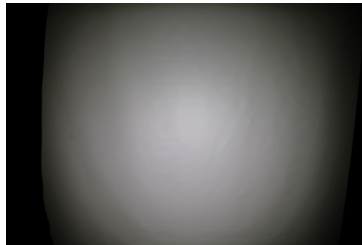


See also our general installation guide: www.ledil.com/installation_guide

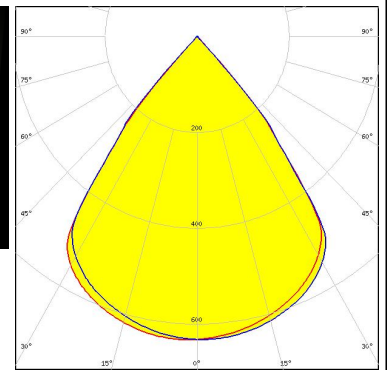
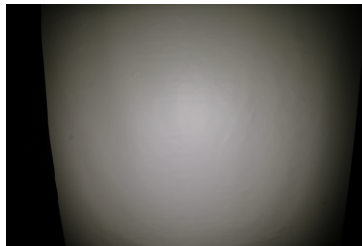
OPTICAL RESULTS (MEASURED):



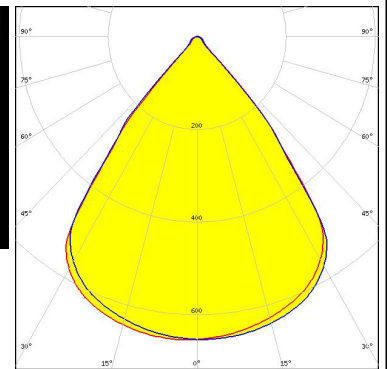
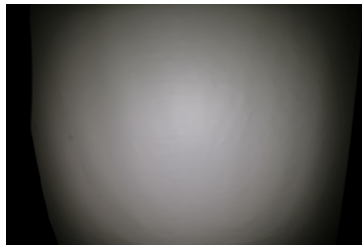
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 75.0° / 87.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17537_DAISY-28X1-SHD-MET-MATT



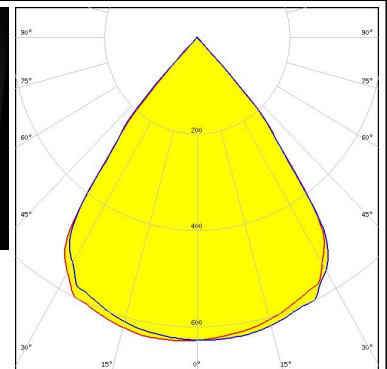
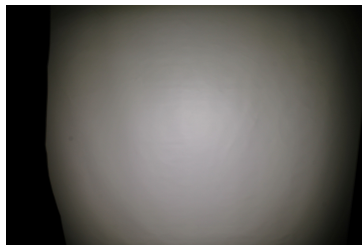
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 76.0° / 87.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17481_DAISY-28X1-SHD-MATT



LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 76.0° / 87.5°
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17482_DAISY-28X1-SHD-WHT-MATT



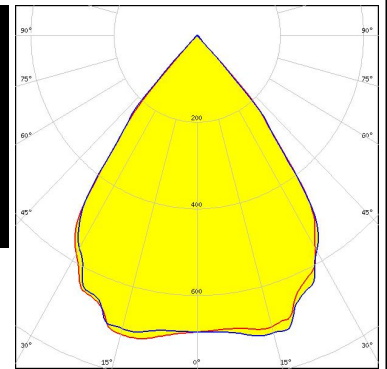
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 76.0° / 87.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16585_DAISY-28X1-SHD



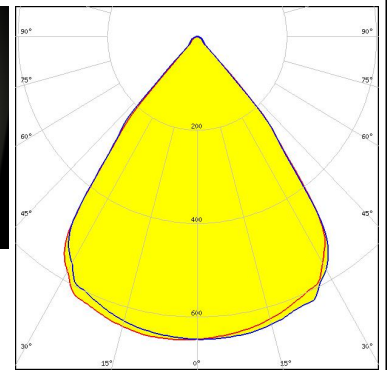
OPTICAL RESULTS (MEASURED):



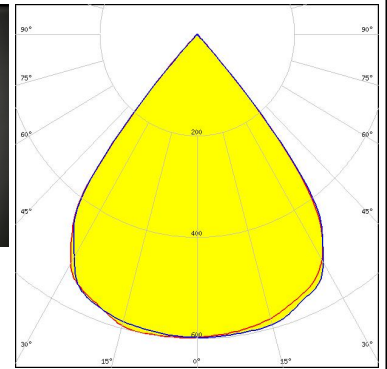
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 74.0° / 87.0°
 Efficiency 96 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17527_DAISSY-28X1-SHD-MET



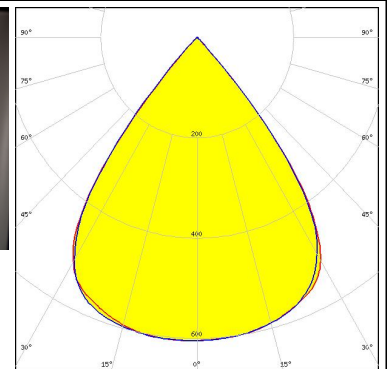
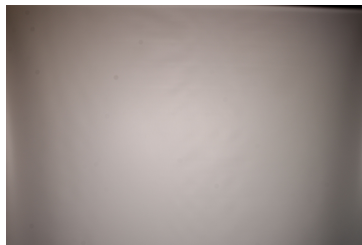
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm
 FWHM / FWTM 76.0° / 87.5°
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



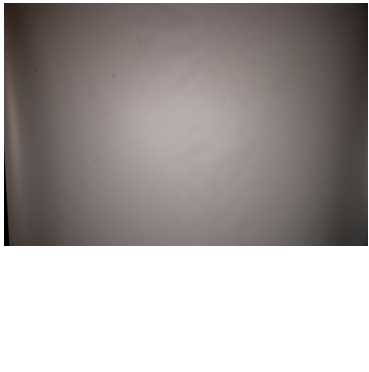
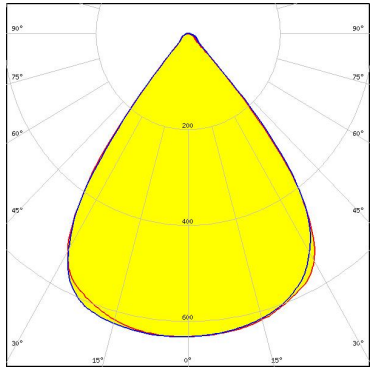

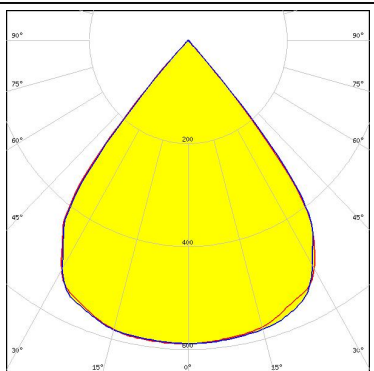
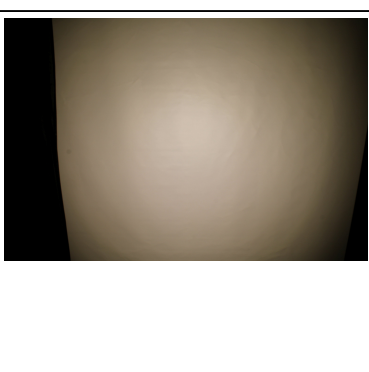
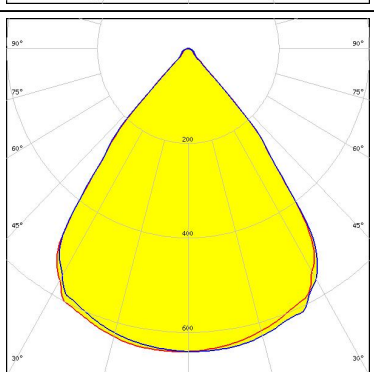
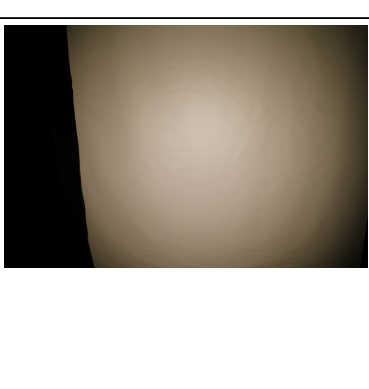
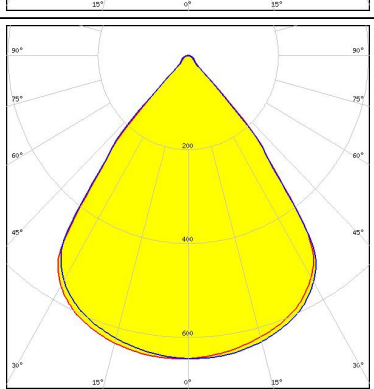
LED J Series 2835
 FWHM / FWTM 77.0° / 86.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



LED LDL-iC-562-827-2000lm
 FWHM / FWTM 75.0° / 86.0°
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



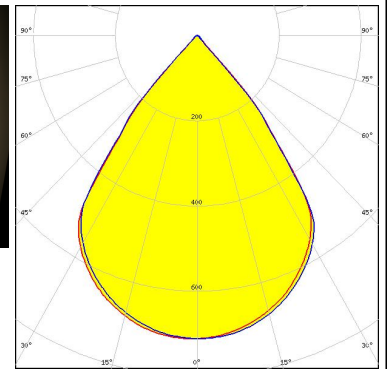
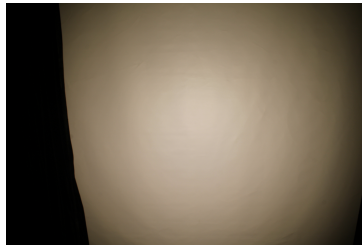
OPTICAL RESULTS (MEASURED):

<p>Helvar</p> <p>LED LDL-iC-562-827-2000lm FWHM / FWTM 75.0° / 88.0° Efficiency 92 % Peak intensity 0.6 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 78.0° / 86.0° Efficiency 87 % Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: C16585_DAISSY-28X1-SHD</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1 FWHM / FWTM 76.5° / 88.5 + 88.0° Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: C16783_DAISSY-28X1-SHD-WHT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1 FWHM / FWTM 76.0 + 76.5° / 88.0° Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: C17482_DAISSY-28X1-SHD-WHT-MATT</p>		

OPTICAL RESULTS (MEASURED):

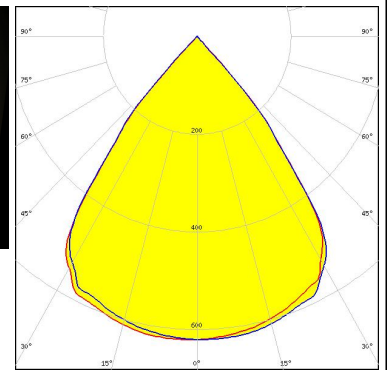
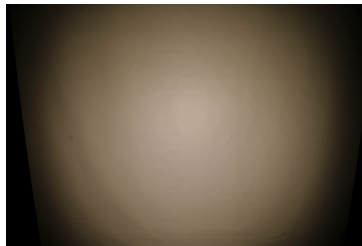
MST *Your solutions*

LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 74.5° / 87.5°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C17537_DAISSY-28X1-SHD-MET-MATT



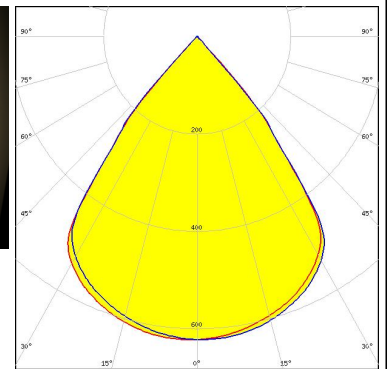
MST *Your solutions*

LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 76.0 + 75.5° / 87.5 + 87.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



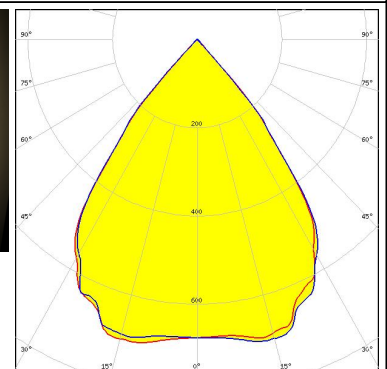
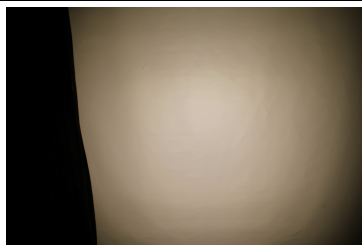
MST *Your solutions*

LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 75.5 + 76.0° / 87.5°
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C17481_DAISSY-28X1-SHD-MATT


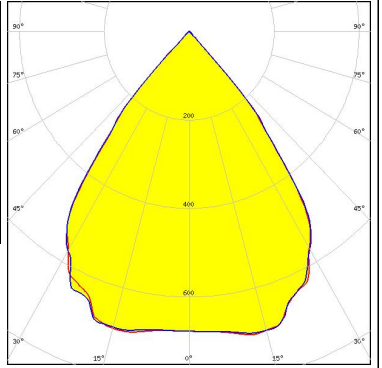

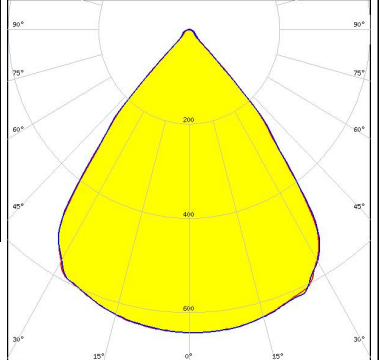

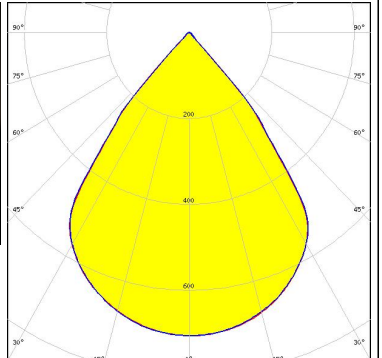

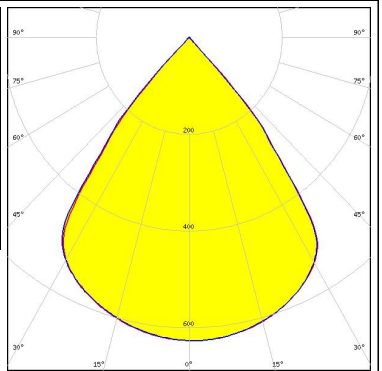


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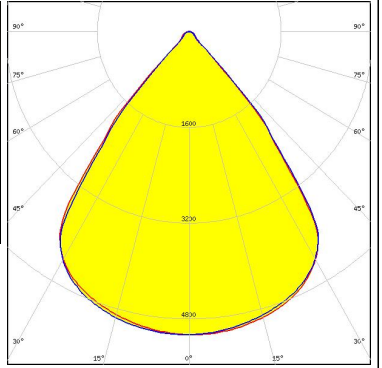

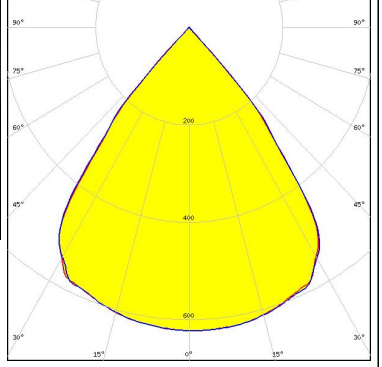

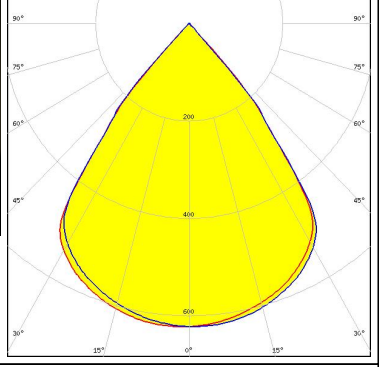

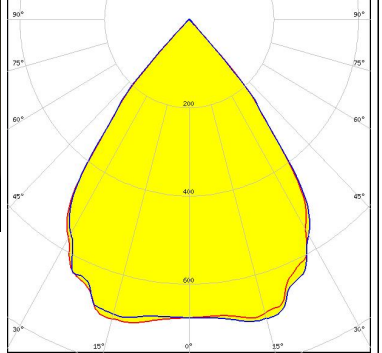
LED LinLED 1120x28mm 2200lm 8x0 2C 84V Opt G1
 FWHM / FWTM 74.5° / 87.5 + 87.0°
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C17527_DAISSY-28X1-SHD-MET



OPTICAL RESULTS (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY</p> <p>FWHM / FWTM 74.5 + 75.5° / 87.5°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.7 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 76.5 + 77.0° / 88.5°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C16783_DAISSY-28X1-SHD-WHT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY</p> <p>FWHM / FWTM 75.5° / 88.0 + 87.5°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17537_DAISSY-28X1-SHD-MET-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY</p> <p>FWHM / FWTM 76.0 + 76.5° / 87.5°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17481_DAISSY-28X1-SHD-MATT</p>		

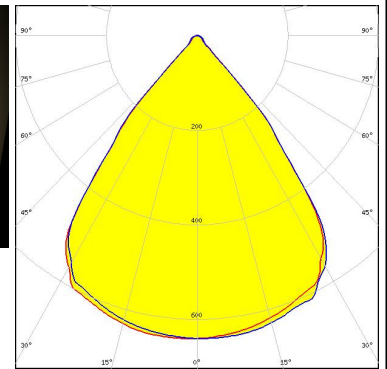
OPTICAL RESULTS (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 2x2200lm 827-865 2x2C 84V DAISY</p> <p>FWHM / FWTM 76.5 + 77.0° / 88.5°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.6 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 76.0 + 76.5° / 87.5°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.6 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 4400lm 8x0 2C Opt G1</p> <p>FWHM / FWTM 75.5 + 76.0° / 87.5°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17481_DAISSY-28X1-SHD-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 2C Opt G1</p> <p>FWHM / FWTM 74.5° / 87.5 + 87.0°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17527_DAISSY-28X1-SHD-MET</p>		

OPTICAL RESULTS (MEASURED):

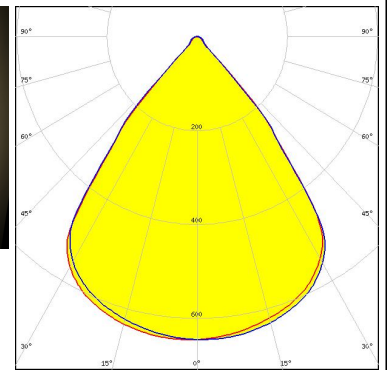
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 2C Opt G1
 FWHM / FWTM 76.5° / 88.5 + 88.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



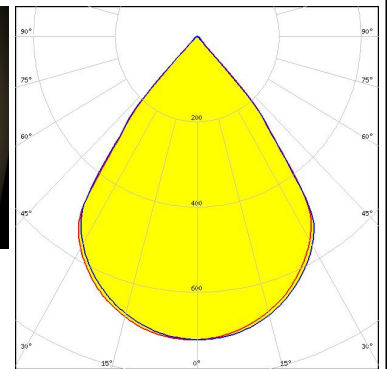
MST *Your solutions*

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 Peak intensity 0.6 cd/lm
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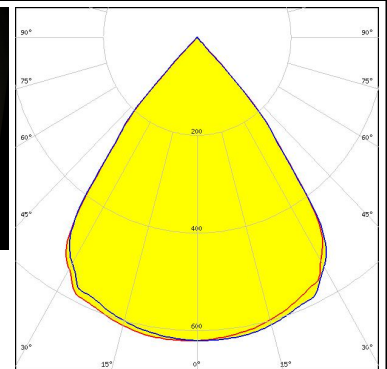
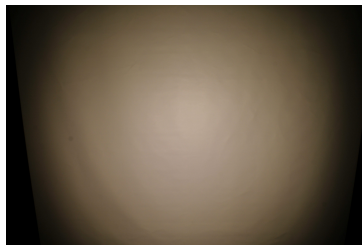
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 2C Opt G1
 FWHM / FWTM 74.5° / 87.5°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17537_DAISSY-28X1-SHD-MET-MATT



MST *Your solutions*

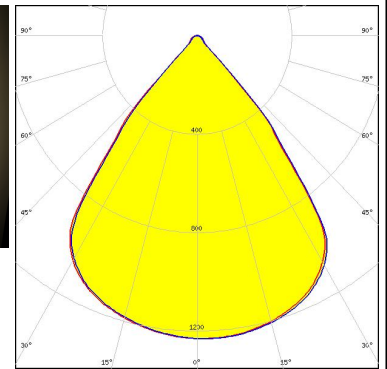
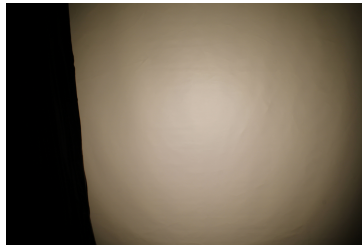
LED LinLED 1120x28mm 4400lm 8x0 2C Opt G1
 FWHM / FWTM 76.0 + 75.5° / 87.5 + 87.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



OPTICAL RESULTS (MEASURED):

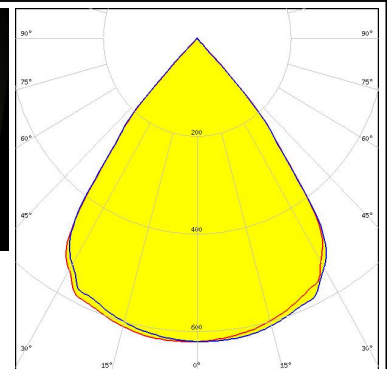
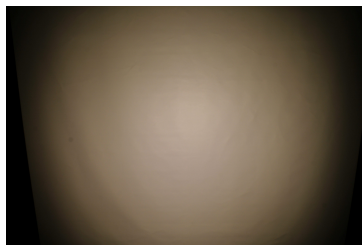
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 4C Opt G1
 FWHM / FWTM 76.0 + 76.5° / 88.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
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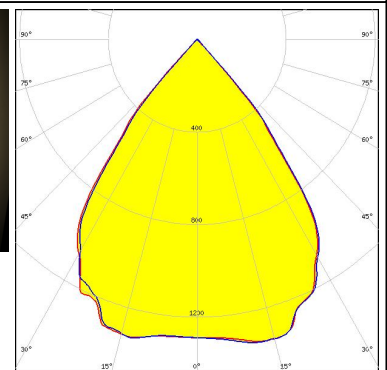
MST *Your solutions*

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 FWHM / FWTM 76.0 + 75.5° / 87.5 + 87.0°
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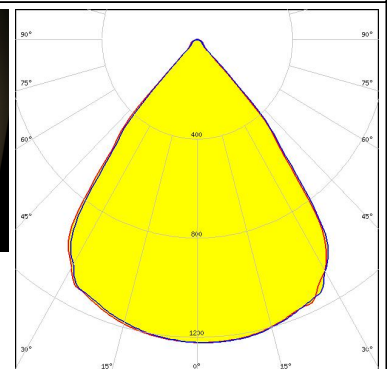
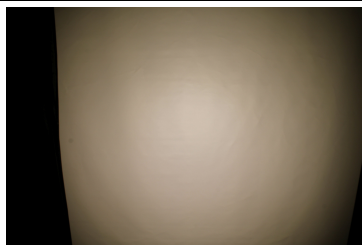
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 4C Opt G1
 FWHM / FWTM 74.5° / 87.5 + 87.0°
 Efficiency 95 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17527_DAISSY-28X1-SHD-MET



MST *Your solutions*

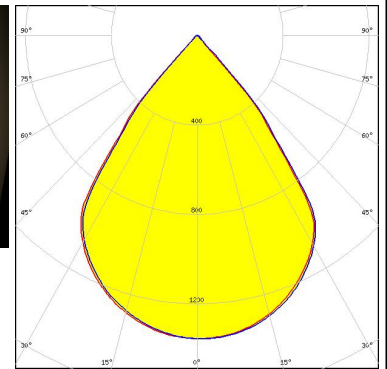
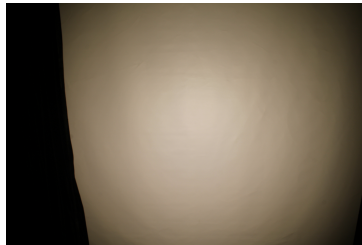
LED LinLED 1120x28mm 4400lm 8x0 4C Opt G1
 FWHM / FWTM 76.5° / 88.5 + 88.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



OPTICAL RESULTS (MEASURED):

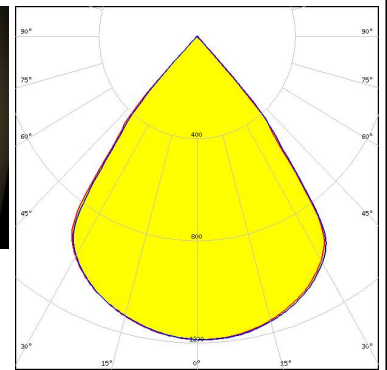
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 4C Opt G1
 FWHM / FWTM 74.5° / 87.5°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17537_DAISSY-28X1-SHD-MET-MATT



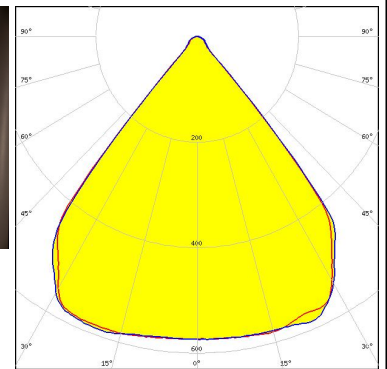
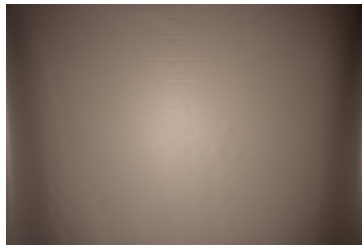
MST *Your solutions*

LED LinLED 1120x28mm 4400lm 8x0 4C Opt G1
 FWHM / FWTM 75.5 + 76.0° / 87.5°
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17481_DAISSY-28X1-SHD-MATT



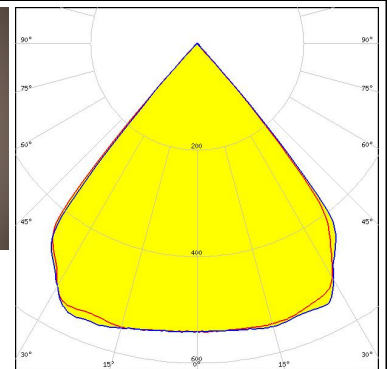
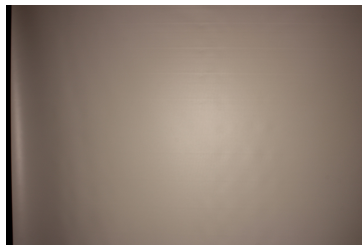
NICHIA

LED NF2W757G-MT (Tunable White)
 FWHM / FWTM 80.0° / 86.0°
 Efficiency 97 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



NICHIA

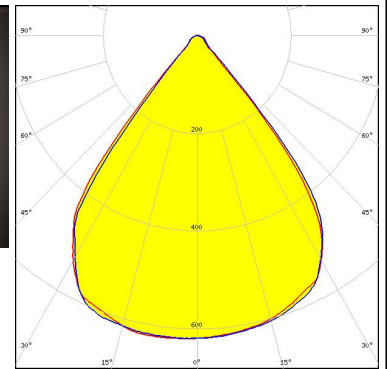
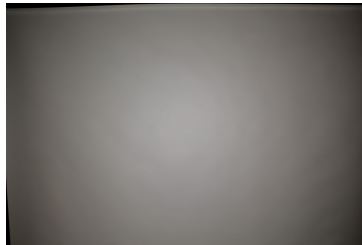
LED NF2W757G-MT (Tunable White)
 FWHM / FWTM 79.0° / 85.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16585_DAISSY-28X1-SHD



OPTICAL RESULTS (MEASURED):

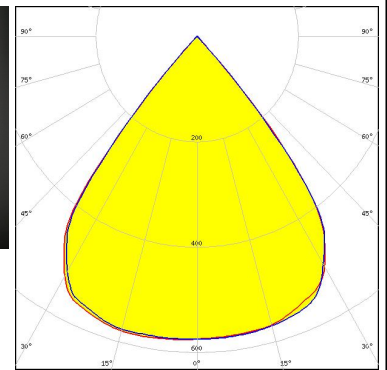
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 77.0° / 87.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



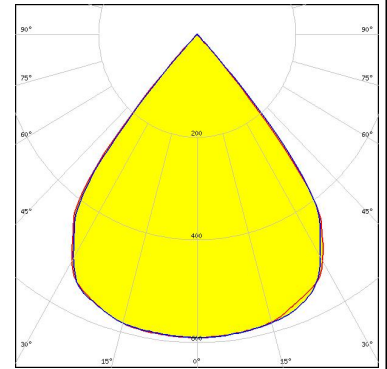
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 78.0° / 86.0°
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



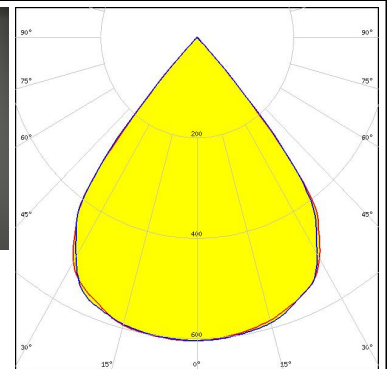
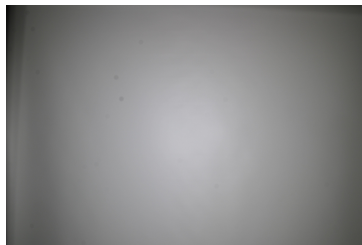
SEOUL SEMICONDUCTOR

LED SEOUL DC 3528
 FWHM / FWTM 78.0° / 86.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



SEOUL SEMICONDUCTOR

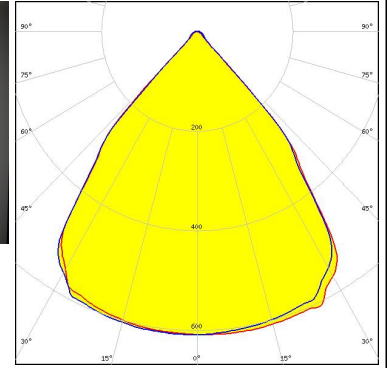
LED SEOUL DC 3528
 FWHM / FWTM 77.0° / 86.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



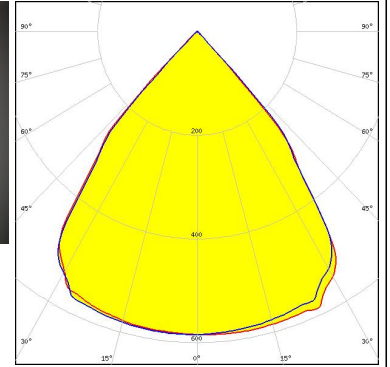
OPTICAL RESULTS (MEASURED):



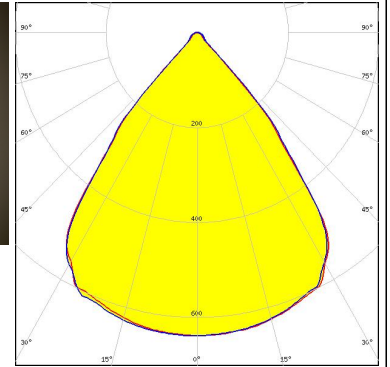
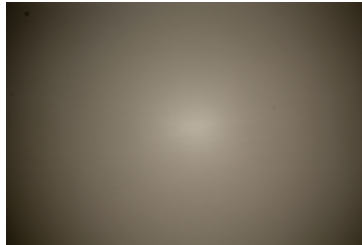
LED PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC
 FWHM / FWTM 82.0° / 90.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



LED PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC
 FWHM / FWTM 81.0° / 90.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16585_DAISSY-28X1-SHD



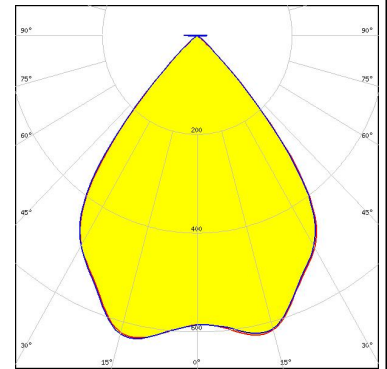
LED LLE 24x280mm 750lm 8x0 LVD ADV1
 FWHM / FWTM 77.0° / 88.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16783_DAISSY-28X1-SHD-WHT



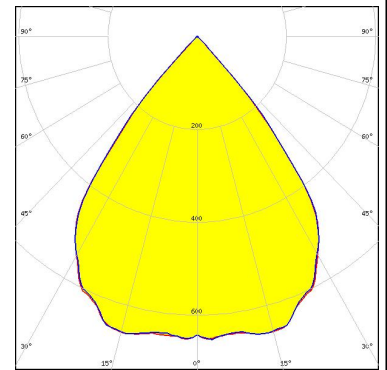
OPTICAL RESULTS (SIMULATED):



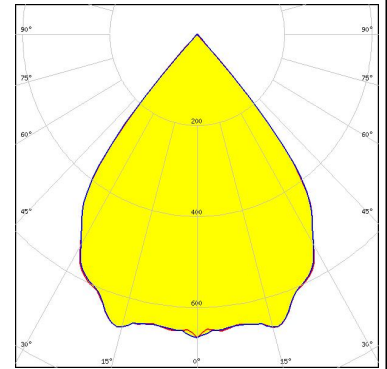
LED XD16
FWHM / FWTM 76.0° / 93.0°
Efficiency 88 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16585_DAISY-28X1-SHD



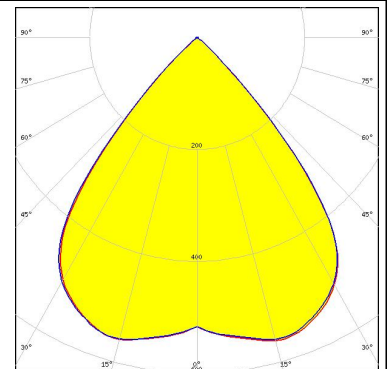
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 76.0° / 88.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour Tunable White
Required components:
 C16585_DAISY-28X1-SHD



LED NF2W757G-MT (Tunable White)
FWHM / FWTM 76.0 + 78.0° / 86.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 2
Light colour Tunable White
Required components:
 C16585_DAISY-28X1-SHD



LED NVSxx19B/NVSxx19C
FWHM / FWTM 79.2° / 94.2°
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16585_DAISY-28X1-SHD



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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