

DAISY-4X1-WW

~80° wide beam

TECHNICAL SPECIFICATIONS:

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

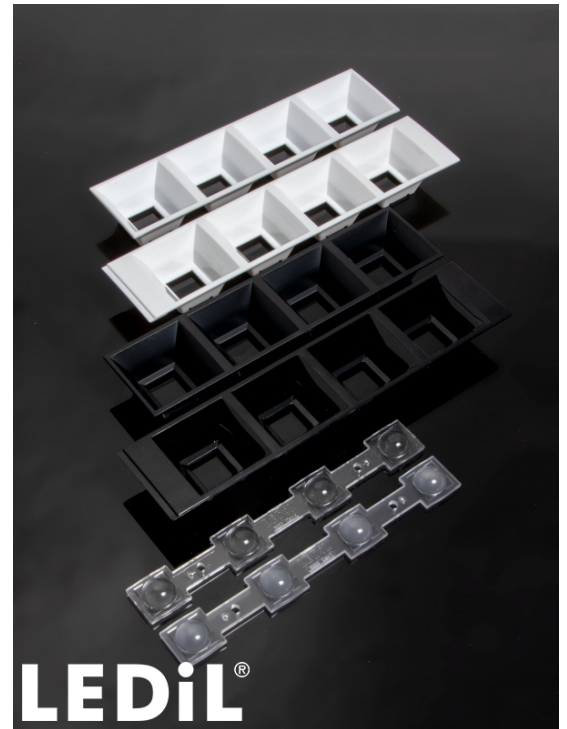
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
C16584_DAISY-4X1-WW	Linear lens	PMMA	clear	
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
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

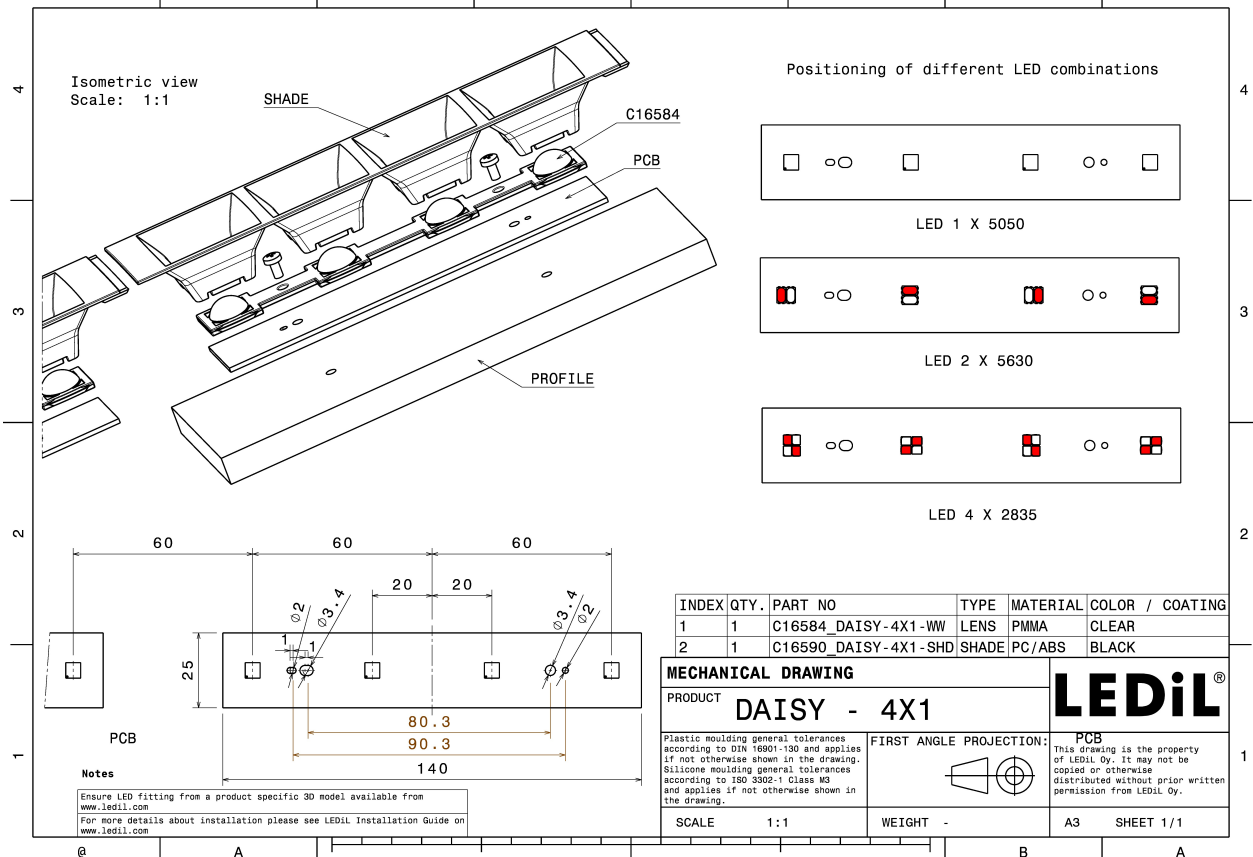
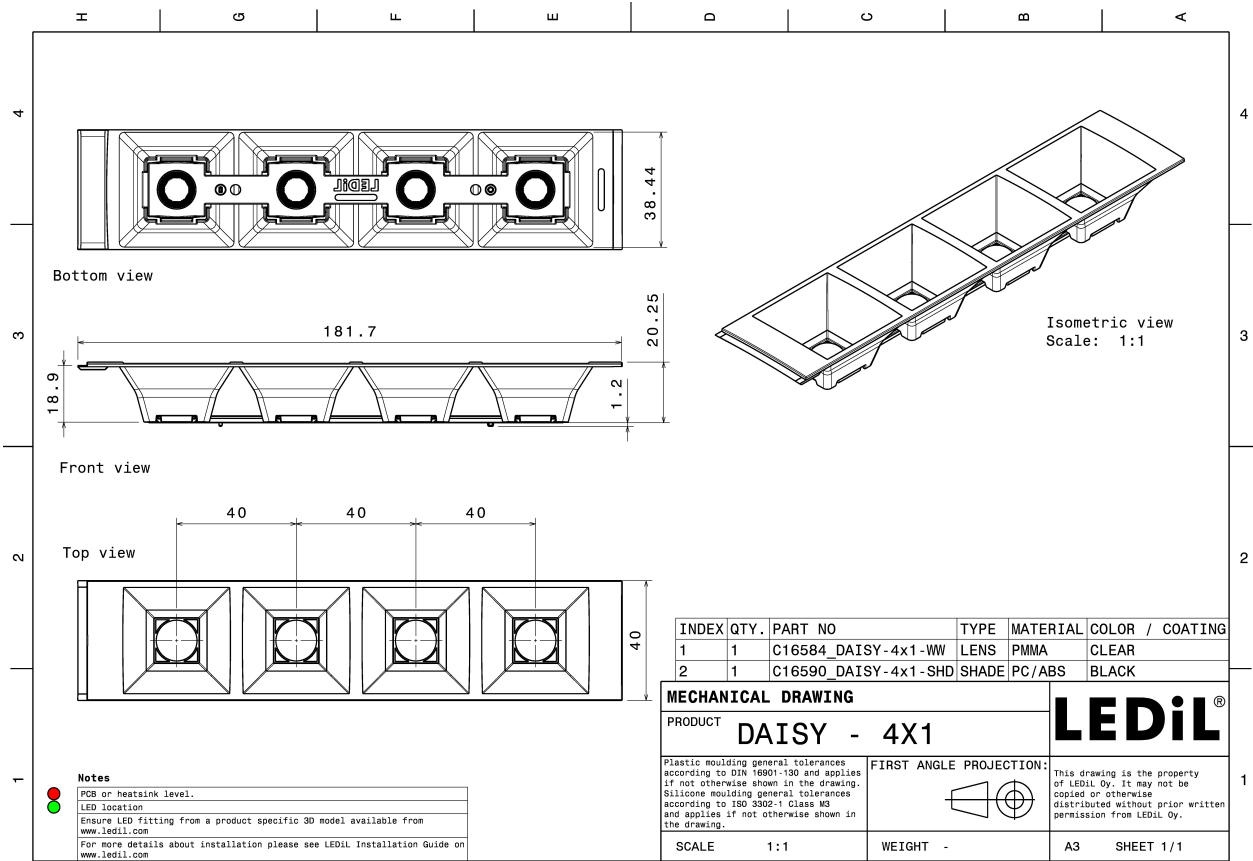
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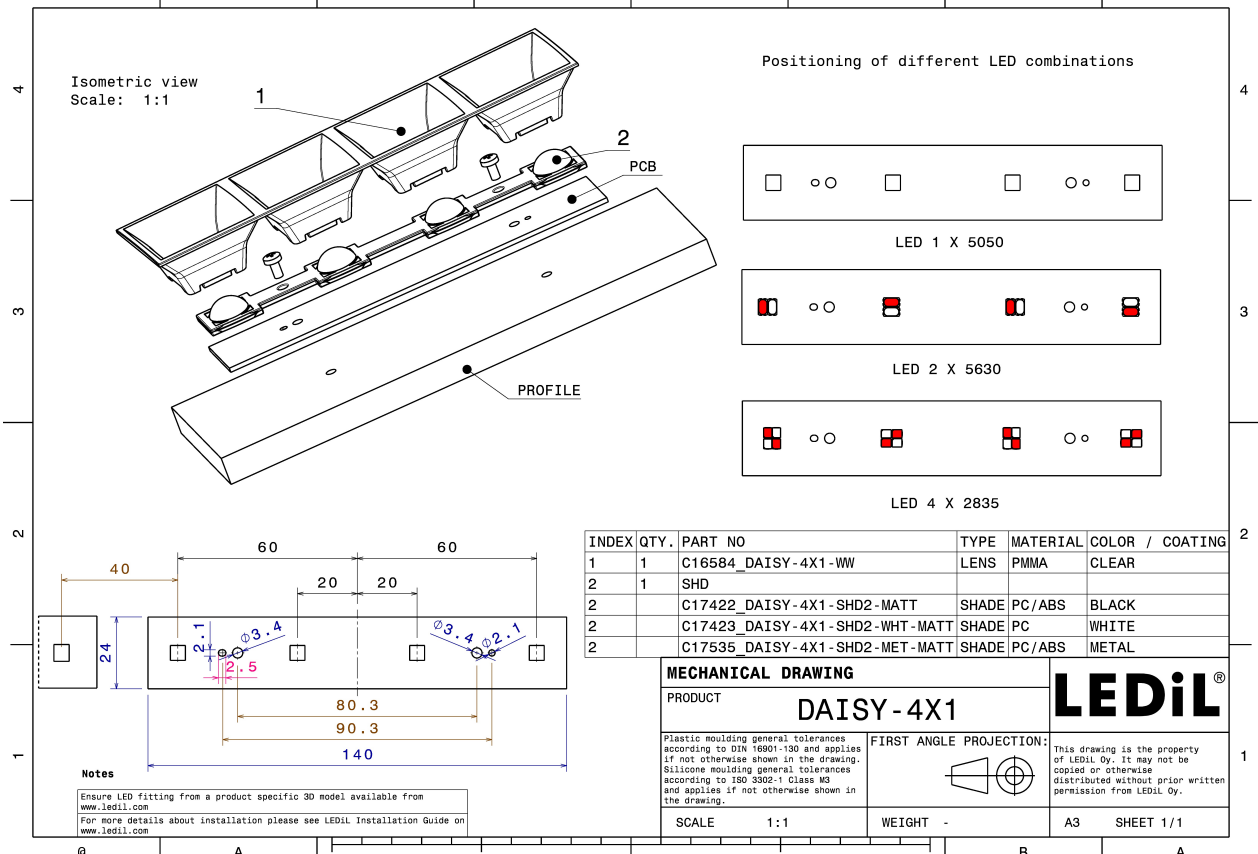
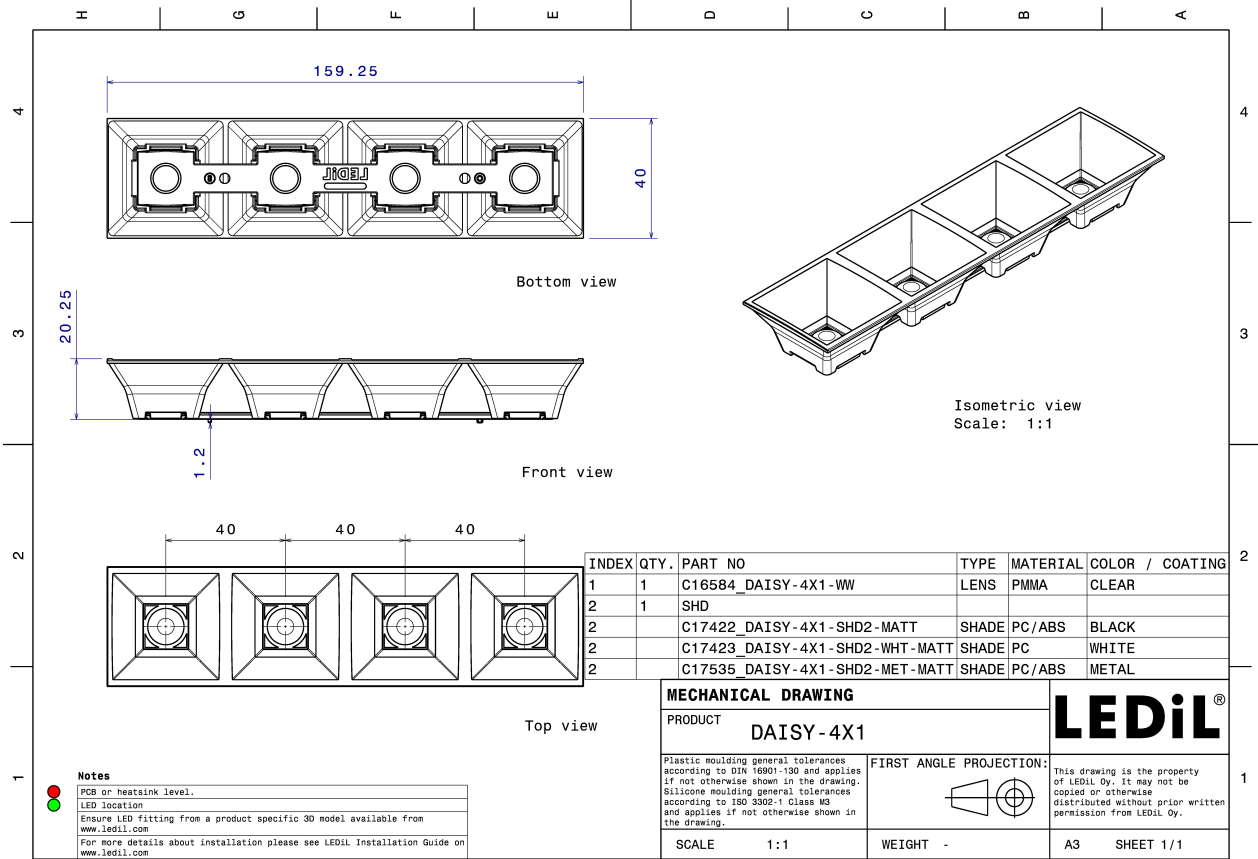
Quantities for one set:

Linear lens	1
Shade	1



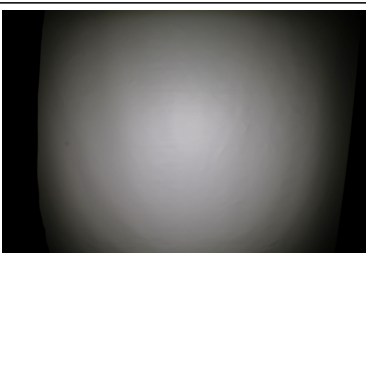
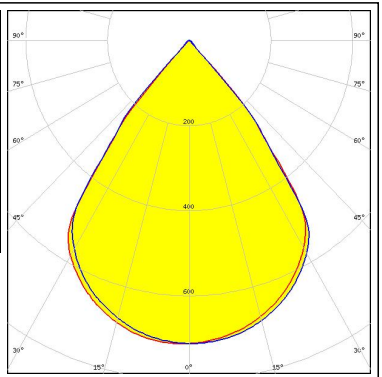

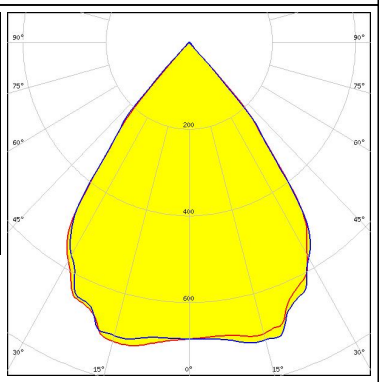
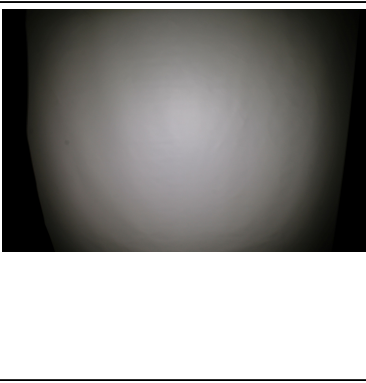
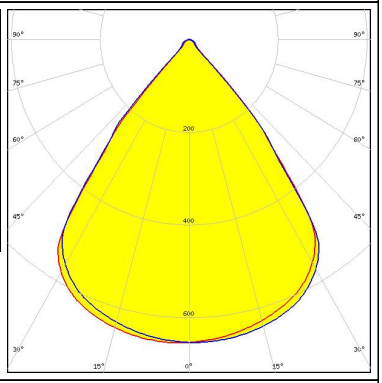
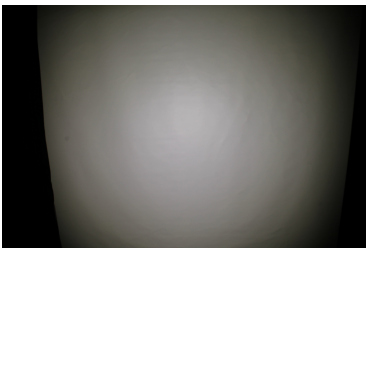
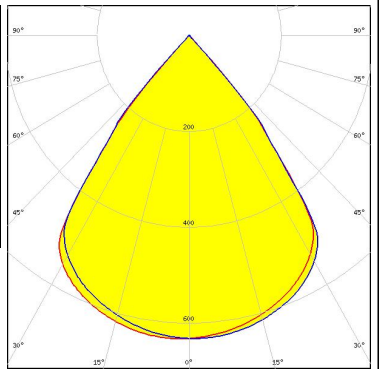
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16584_DAISY-4X1-WW	Linear lens	504	336	21	5.6
» Box size: 480 x 280 x 300 mm					
C16590_DAISY-4X1-SHD	Shade	168	336	42	4.3
» Box size: 480 x 280 x 300 mm					
C17528_DAISY-4X1-SHD-MET	Shade	168	336	42	4.7
» Box size: 480 x 280 x 300 mm					
C16784_DAISY-4X1-SHD-WHT	Shade	168	336	42	8.6
» Box size: 480 x 280 x 300 mm					
C17535_DAISY-4X1-SHD2-MET-MATT	Shade	168	336	42	4.1
» Box size: 480 x 280 x 300 mm					
C17422_DAISY-4X1-SHD2-MATT	Shade	168	336	42	8.2
» Box size: 480 x 280 x 300 mm					
C17423_DAISY-4X1-SHD2-WHT-MATT	Shade	168	336	42	4.4
» Box size: 480 x 280 x 300 mm					



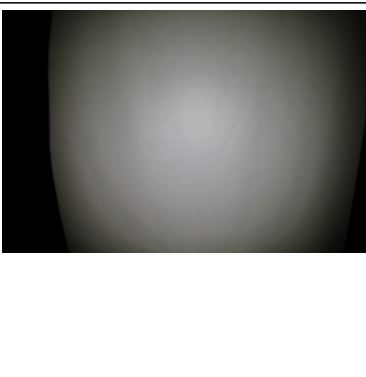
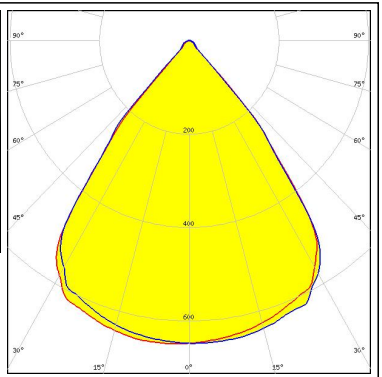
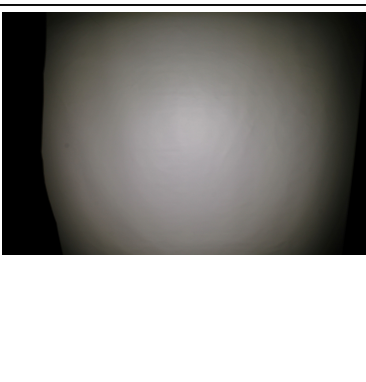
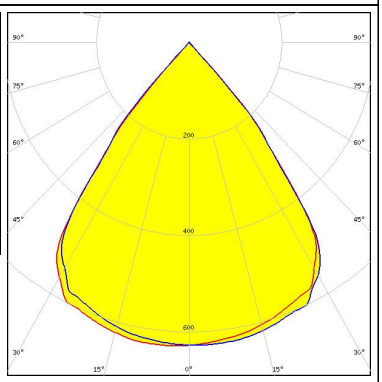

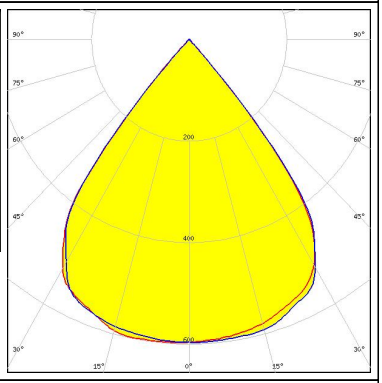

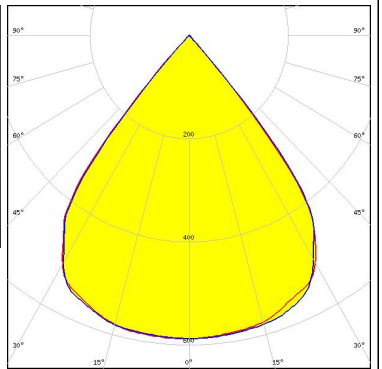


See also our general installation guide: www.ledil.com/installation_guide


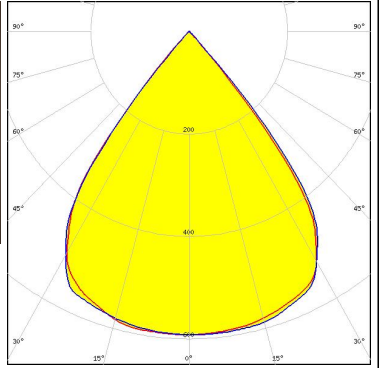

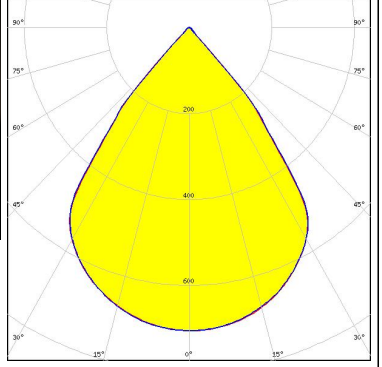
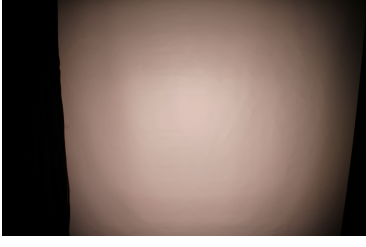
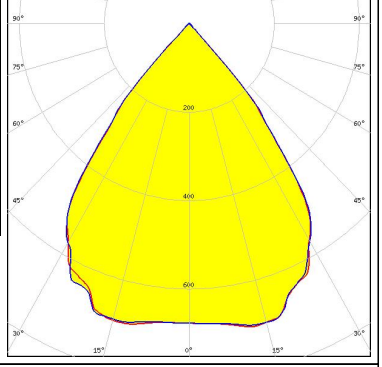

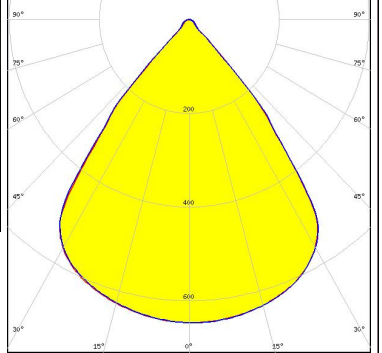
PHOTOMETRIC DATA (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm</p> <p>FWHM / FWTM 75.0° / 87.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.7 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17535_DAISY-4X1-SHD2-MET-MATT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm</p> <p>FWHM / FWTM 74.0° / 87.0°</p> <p>Efficiency 96 %</p> <p>Peak intensity 0.7 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17528_DAISY-4X1-SHD-MET</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm</p> <p>FWHM / FWTM 76.0° / 87.5°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.7 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17225_DAISY-7X1-SHD-WHT-MATT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm</p> <p>FWHM / FWTM 76.0° / 87.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.6 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17422_DAISY-4X1-SHD2-MATT</p>		

PHOTOMETRIC DATA (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm</p> <p>FWHM / FWTM 76.0° / 87.5°</p> <p>Efficiency 95 %</p> <p>Peak intensity 0.7 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16784_DAISY-4X1-SHD-WHT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm</p> <p>FWHM / FWTM 76.0° / 87.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.6 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16590_DAISY-4X1-SHD</p>		
<p>CREE</p> <p>LED J Series 2835</p> <p>FWHM / FWTM 77.0° / 86.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.6 cd/m</p> <p>LEDs/each optic 2</p> <p>Light colour White</p> <p>Required components: C16590_DAISY-4X1-SHD</p>		
<p>LUMILEDS</p> <p>LED LUXEON 2835 Line</p> <p>FWHM / FWTM 78.0° / 86.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.6 cd/m</p> <p>LEDs/each optic 2</p> <p>Light colour White</p> <p>Required components: C16590_DAISY-4X1-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

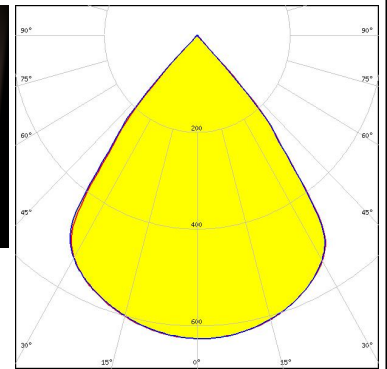
<p>MST <i>Your solutions</i></p> <p>LED LinLED 156x28mm 2x200lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 77.0° / 85.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour Tunable White</p> <p>Required components: C16590_DAISSY-4X1-SHD</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</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: C17535_DAISSY-4X1-SHD2-MET-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</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: 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 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: C17423_DAISSY-4X1-SHD2-WHT-MATT</p>		

PHOTOMETRIC DATA (MEASURED):

MST

Your solutions

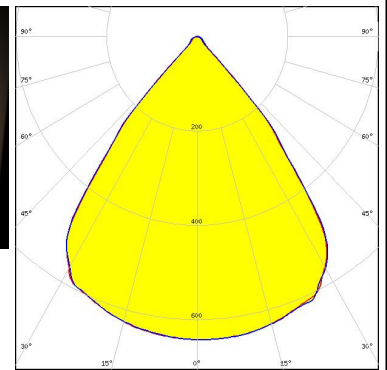
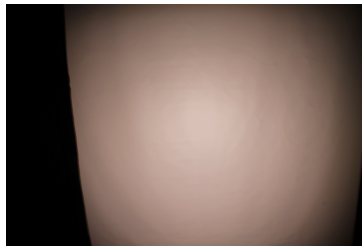
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 76.0 + 76.5° / 87.5°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



MST

Your solutions

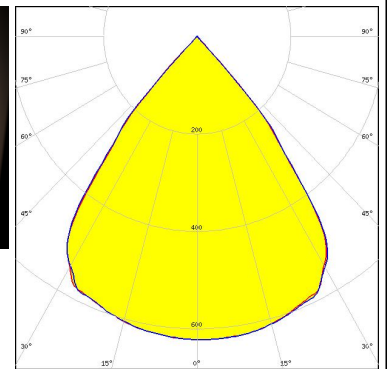
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 76.5 + 77.0° / 88.5°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



MST

Your solutions

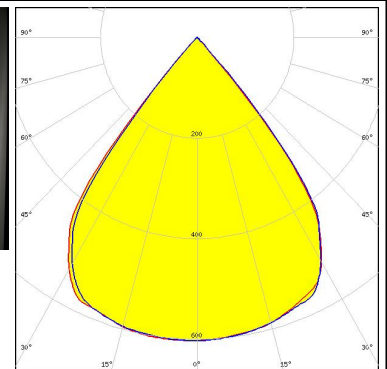
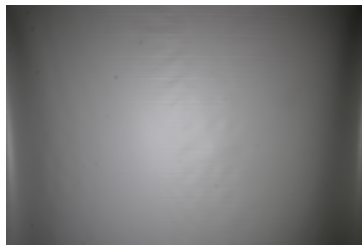
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 76.0 + 76.5° / 87.5°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C16590_DAISSY-4X1-SHD



MST

Your solutions

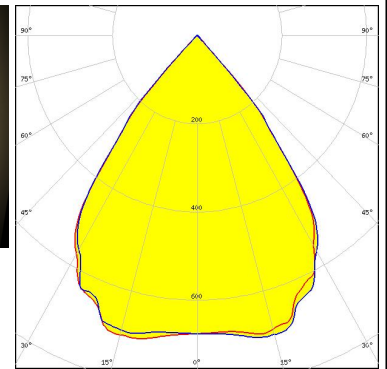
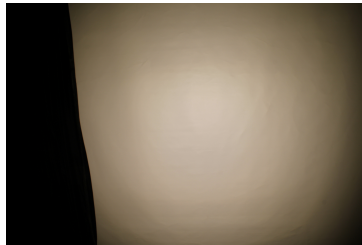
LED LinLED 156x28mm 400lm 8x0 2C 12V Opt G1
 FWHM / FWTM 77.0° / 86.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



PHOTOMETRIC DATA (MEASURED):

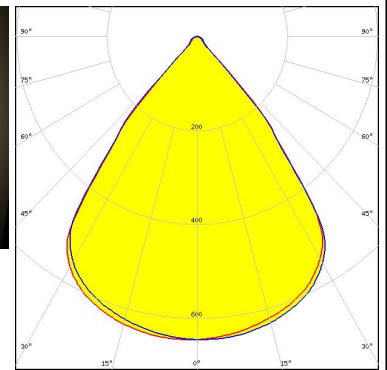
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V 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:
 C17528_DAISSY-4X1-SHD-MET



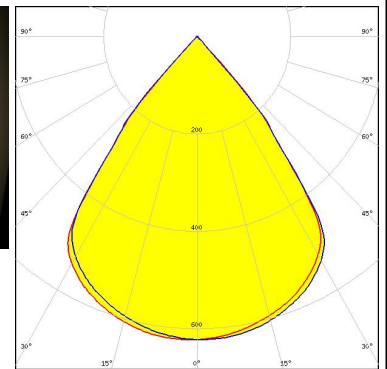
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V 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:
 C17423_DAISSY-4X1-SHD2-WHT-MATT



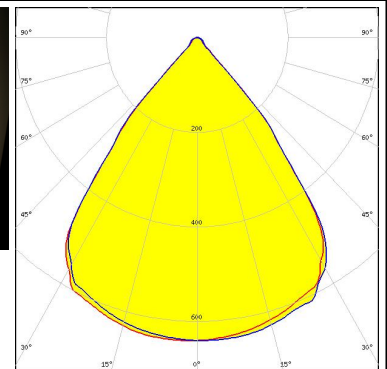
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V 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:
 C17422_DAISSY-4X1-SHD2-MATT



MST *Your solutions*

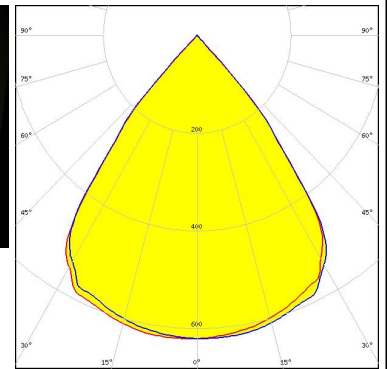
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 76.5° / 88.5 + 88.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



PHOTOMETRIC DATA (MEASURED):

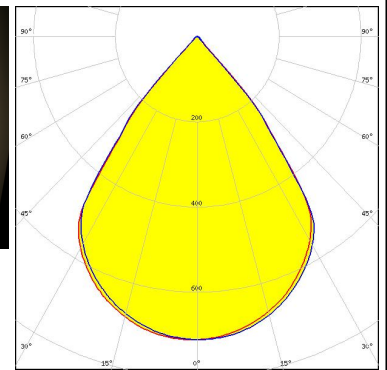
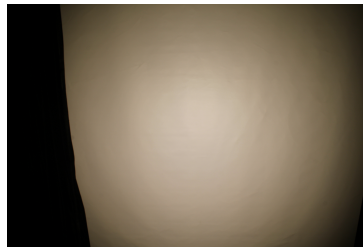
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V 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:
 C16590_DAISSY-4X1-SHD



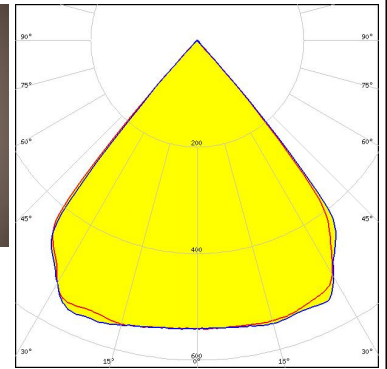
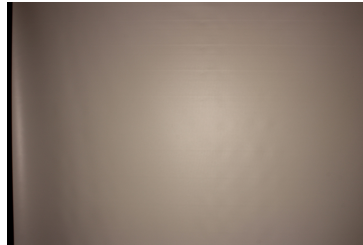
MST *Your solutions*

LED LinLED 156x28mm 800lm 8x0 2C 12V 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:
 C17535_DAISSY-4X1-SHD2-MET-MATT



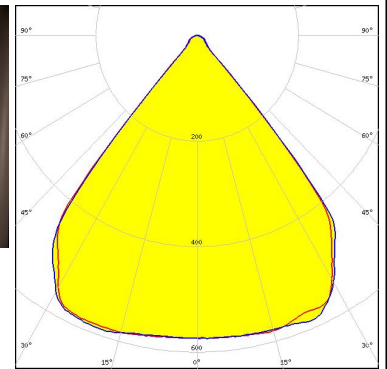
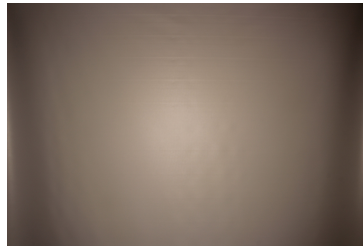
NICHIA

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:
 C16590_DAISSY-4X1-SHD



NICHIA

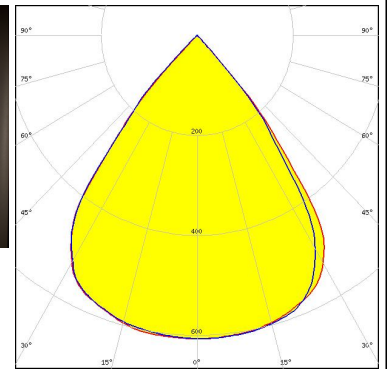
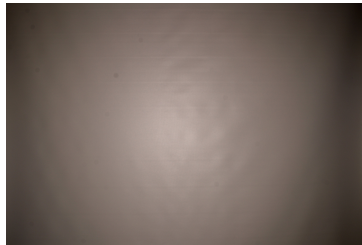
LED NF2W757G-MT (Tunable White)
 FWHM / FWTM 79.0° / 86.0°
 Efficiency 96 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



PHOTOMETRIC DATA (MEASURED):

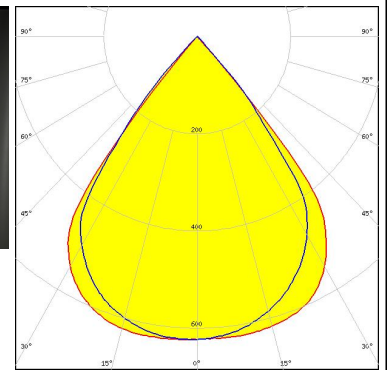
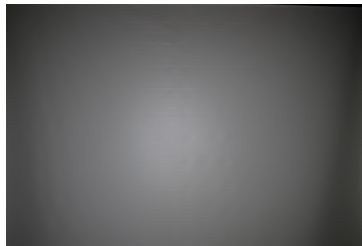
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 75.0° / 88.0°
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



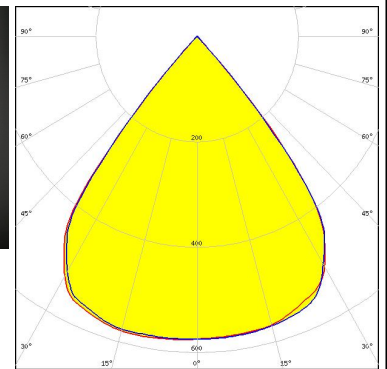
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 76.0° / 85.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



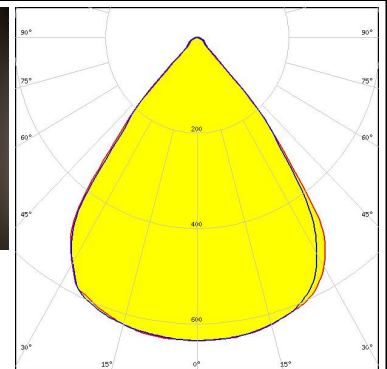
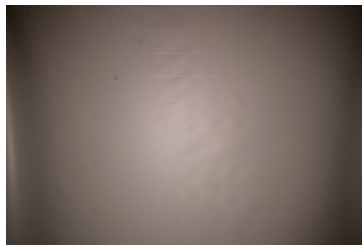
SAMSUNG

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:
 C16590_DAISSY-4X1-SHD



SAMSUNG

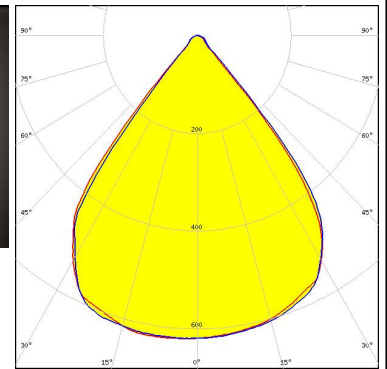
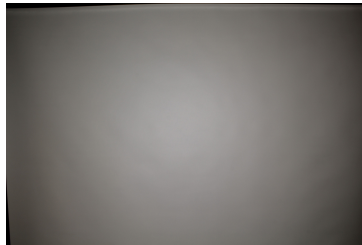
LED LM28xB Series
 FWHM / FWTM 76.0° / 89.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



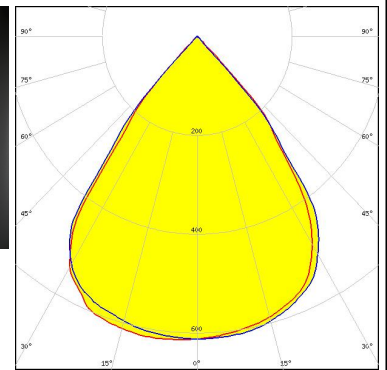
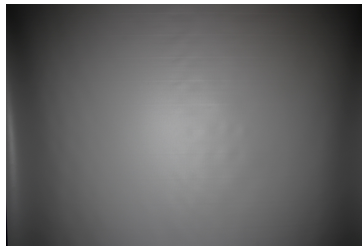
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

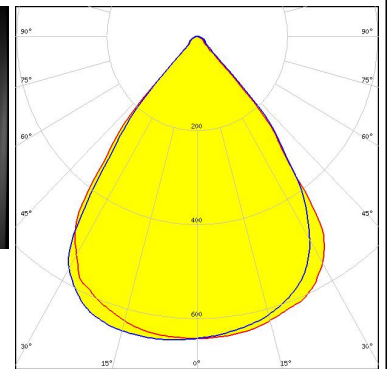
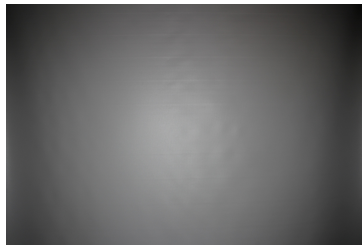
LED LM28xB Series
 FWHM / FWTM 77.0° / 87.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16784_DAISY-4X1-SHD-WHT



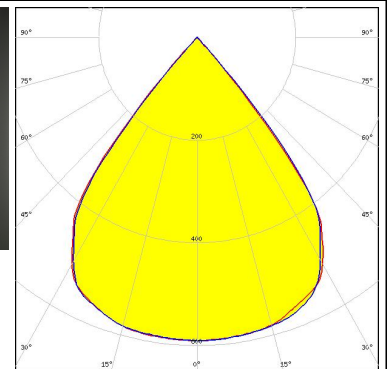
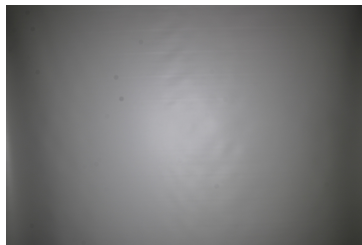
SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030
 FWHM / FWTM 75.0° / 89.0°
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C16590_DAISY-4X1-SHD




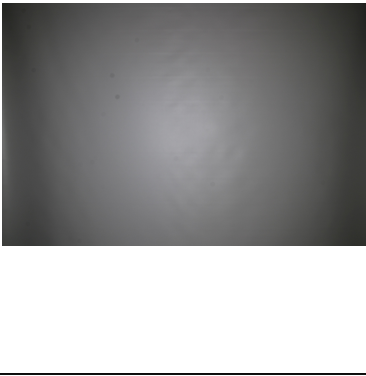
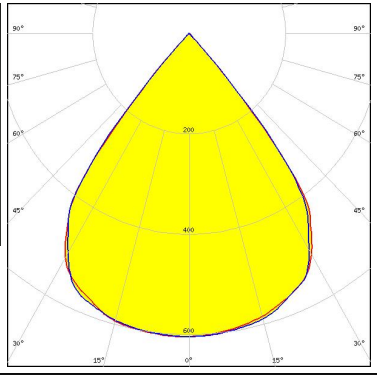


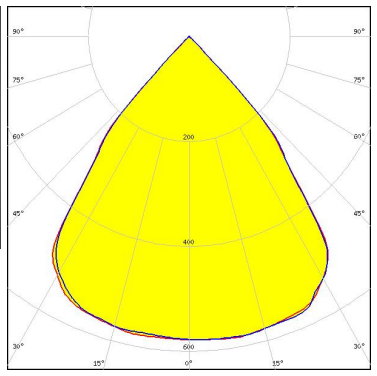


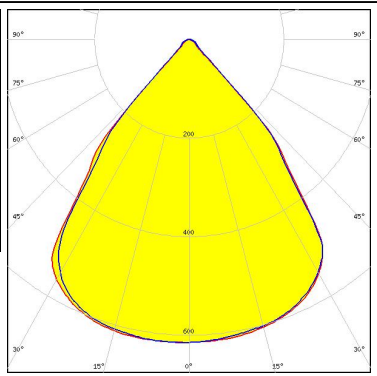

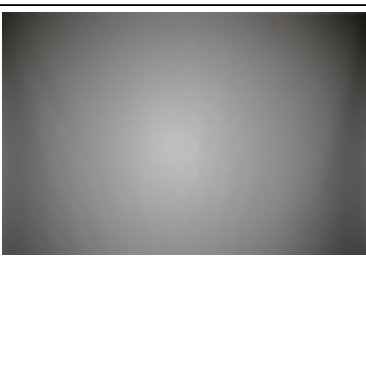
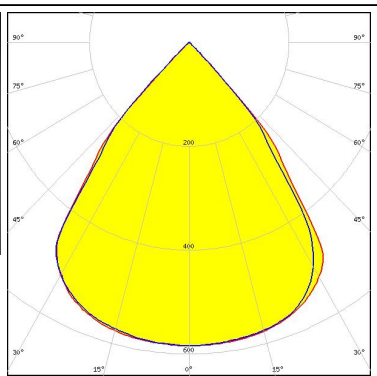
SEOUL SEMICONDUCTOR
 LED SEOUL DC 3030
 FWHM / FWTM 75.0° / 89.0°
 Efficiency 92 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour Tunable White
 Required components:
 C16784_DAISY-4X1-SHD-WHT




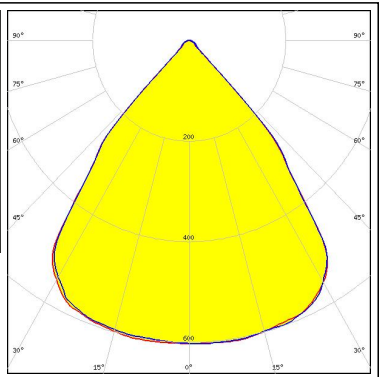
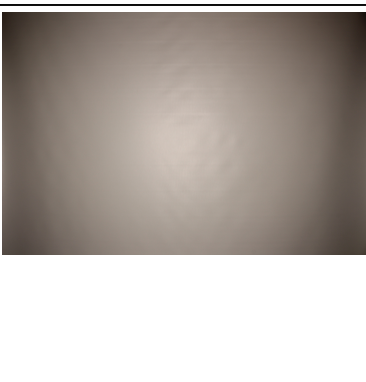
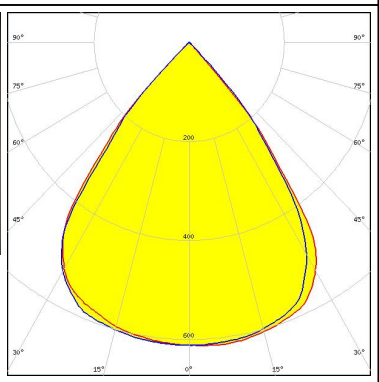
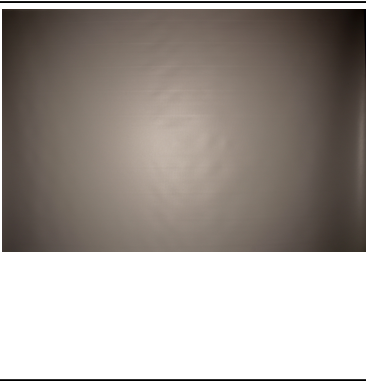
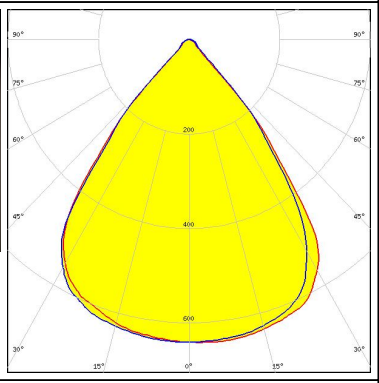

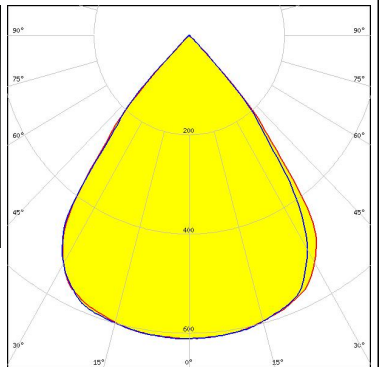
SEOUL SEMICONDUCTOR
 LED SEOUL DC 3528
 FWHM / FWTM 78.0° / 86.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16590_DAISY-4X1-SHD



PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>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: C16590_DAISSY-4X1-SHD</p>		
<p> TEPCOMP group</p> <p>LED: PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM: 79.0° / 91.0° Efficiency: 85 % Peak intensity: 0.6 cd/lm LEDs/each optic: 4 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: 79.0° / 91.0° Efficiency: 94 % Peak intensity: 0.6 cd/lm LEDs/each optic: 4 Light colour: White Required components: C17423_DAISSY-4X1-SHD2-WHT-MATT</p>		
<p> TEPCOMP group</p> <p>LED: PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM: 80.0 + 77.0° / 91.0° Efficiency: 83 % Peak intensity: 0.6 cd/lm LEDs/each optic: 4 Light colour: White Required components: C17422_DAISSY-4X1-SHD2-MATT</p>		

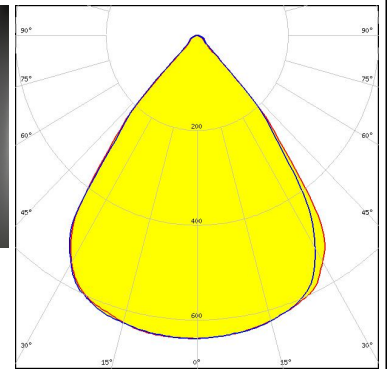
PHOTOMETRIC DATA (MEASURED):

<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM 80.0° / 91.0° Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16784_DAISSY-4X1-SHD-WHT</p>		
<p>TRIDONIC</p> <p>LED LLE 24x140mm 400lm 827-865 LVD ADV1 FWHM / FWTM 76.0° / 89.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16590_DAISSY-4X1-SHD</p>		
<p>TRIDONIC</p> <p>LED LLE 24x140mm 400lm 827-865 LVD ADV1 FWHM / FWTM 76.0° / 90.0° Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16784_DAISSY-4X1-SHD-WHT</p>		
<p>TRIDONIC</p> <p>LED LLE 24x140mm 400lm 8x0 LVD ADV1 FWHM / FWTM 76.0° / 89.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16590_DAISSY-4X1-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

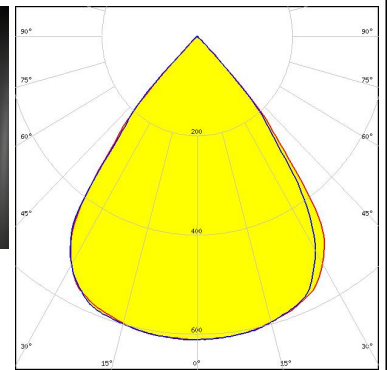
TRIDONIC

LED LLE 24x140mm 400lm 8x0 LVD ADV1
 FWHM / FWTM 77.0° / 90.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



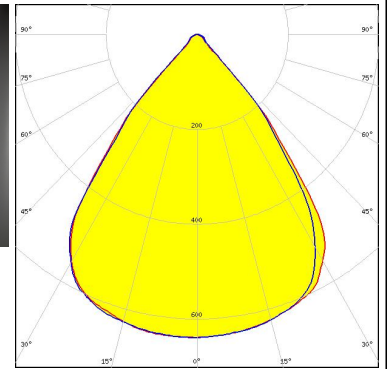
TRIDONIC

LED LLE 24x280mm 750lm 8x0 LVD ADV1
 FWHM / FWTM 76.0° / 89.0°
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



TRIDONIC

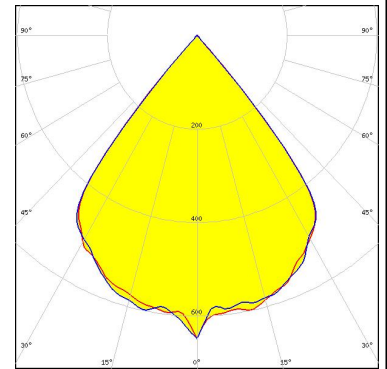
LED LLE 24x280mm 750lm 8x0 LVD ADV1
 FWHM / FWTM 76.0° / 90.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



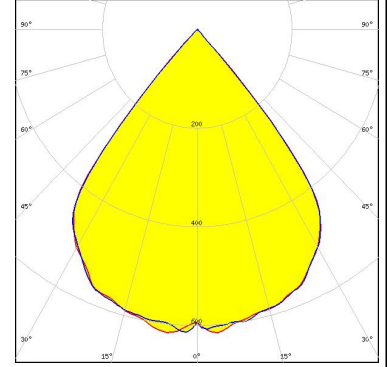
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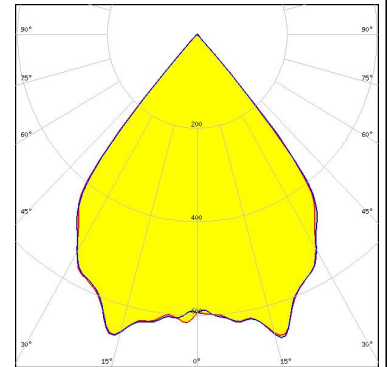
LED J Series 2835
 FWHM / FWTM 78.0° / 85.0°
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



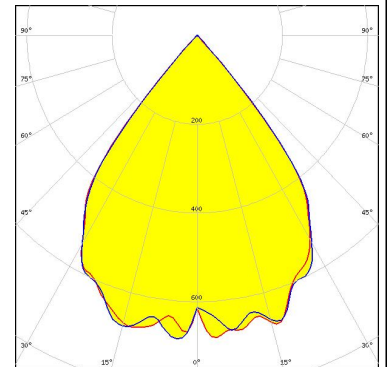
LED J Series 5050 Round LES
 FWHM / FWTM 78.0° / 86.0°
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



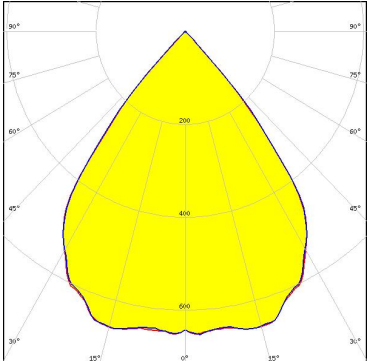
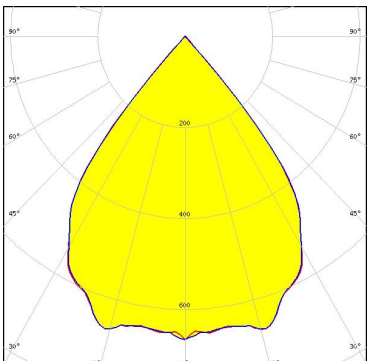
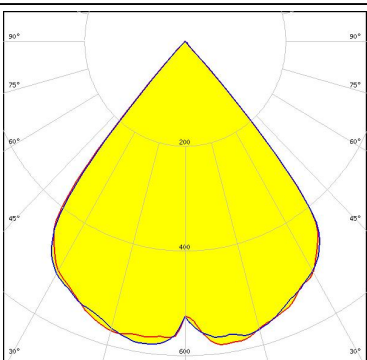
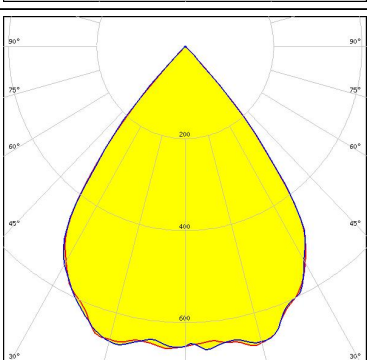
LED LUXEON 3535L
 FWHM / FWTM 76.0° / 85.0°
 Efficiency 90 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



LED LUXEON 5050 Round LES
 FWHM / FWTM 76.0° / 88.0°
 Efficiency 90 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



PHOTOMETRIC DATA (SIMULATED):

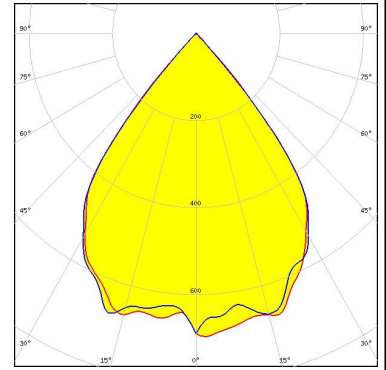
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White) FWHM / FWTM 76.0° / 88.0° Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C16590_DAISSY-4X1-SHD</p>	
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White) FWHM / FWTM 76.0 + 78.0° / 86.0° Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 2 Light colour Tunable White Required components: C16590_DAISSY-4X1-SHD</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris E 2835 FWHM / FWTM 80.0° / 86.0° Efficiency 83 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: C16590_DAISSY-4X1-SHD</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris E 2835 FWHM / FWTM 76.0° / 88.0° Efficiency 89 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C16585_DAISSY-28X1-SHD</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

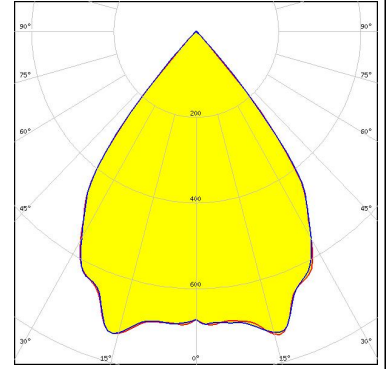
LED Duris S8
FWHM / FWTM 76.0° / 88.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16590_DAISSY-4X1-SHD



OSRAM

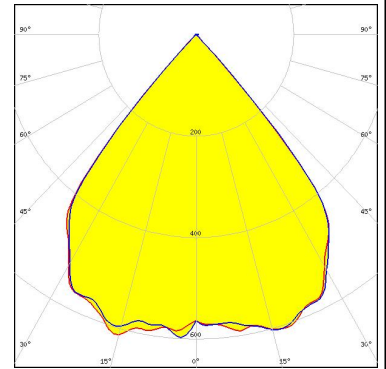
Opto Semiconductors

LED Duris S8
FWHM / FWTM 76.0° / 86.0°
Efficiency 95 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16784_DAISSY-4X1-SHD-WHT



SAMSUNG

LED LH351B
FWHM / FWTM 79.0° / 88.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16590_DAISSY-4X1-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:

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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