

DAISY-2X2-WW

~80° wide beam

SPECIFICATION:

Dimensions	79.5 x 79.5 mm
Height	21 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

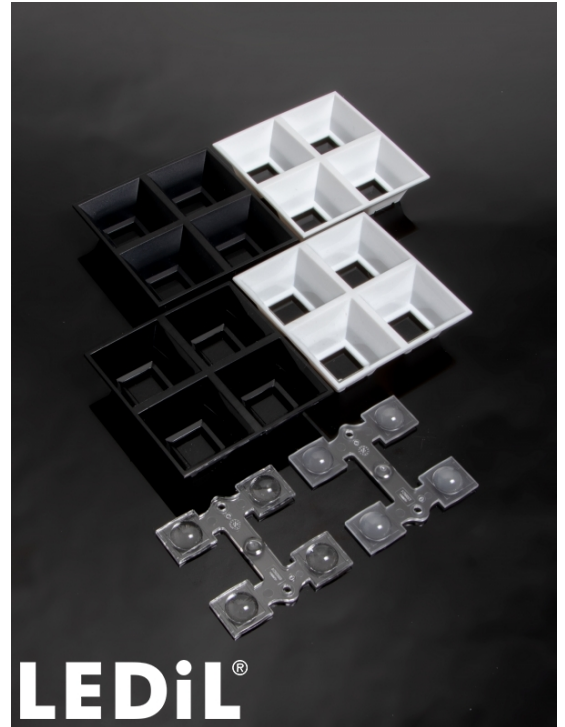
MATERIALS:

Component	Type	Material	Colour	Finish
C16862_DAISY-2X2-WW	Multi-lens	PMMA	clear	
C17484_DAISY-2X2-SHD-WHT-MATT	Shade	PC	white	matt
C17483_DAISY-2X2-SHD-MATT	Shade	PC	black	matt
C16875_DAISY-2X2-SHD-WHT	Shade	PC	white	gloss
C16866_DAISY-2X2-SHD	Shade	PC	black	gloss

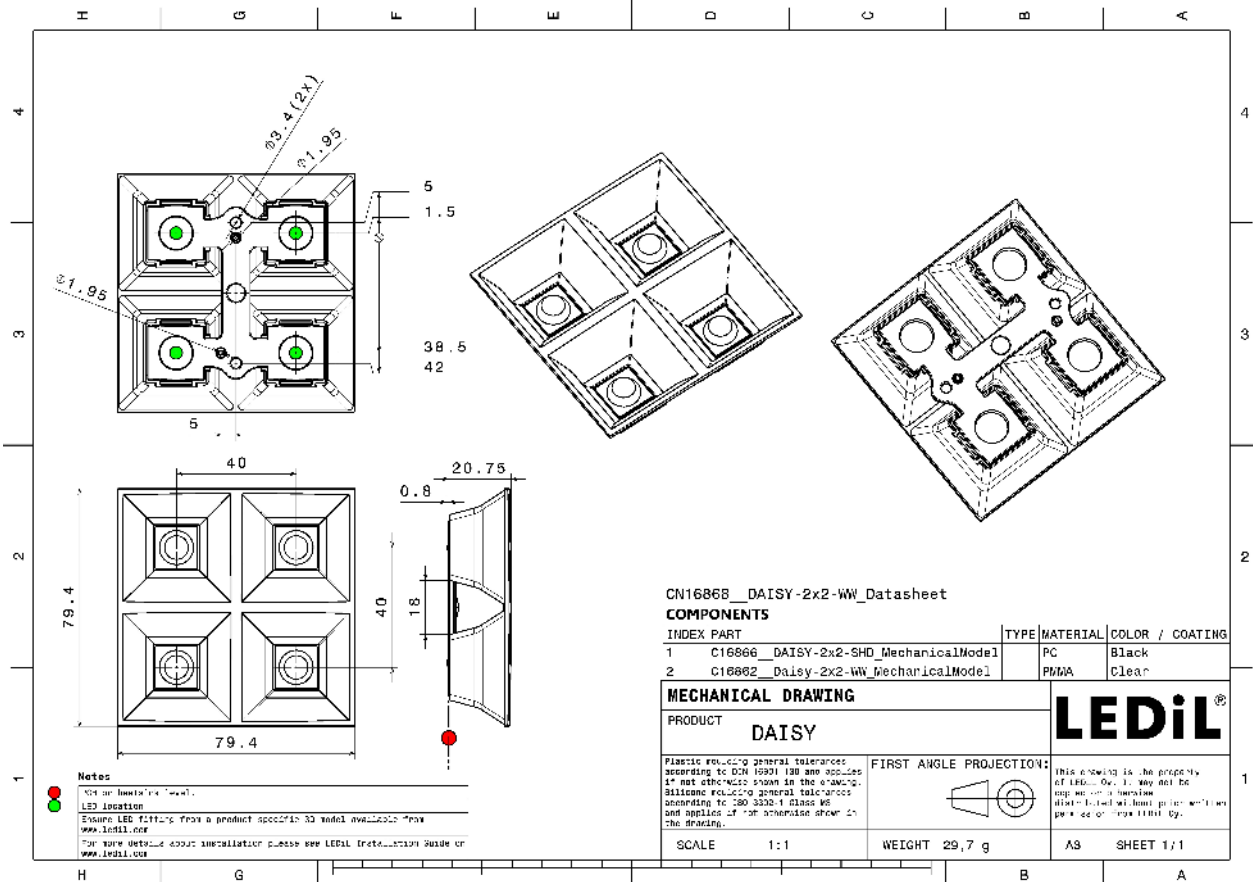
ORDERING INFORMATION:

Quantities for one set:

Multi-lens	1
Shade	1


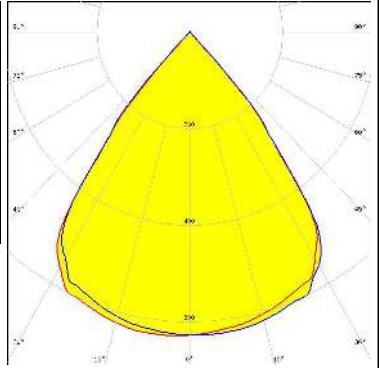

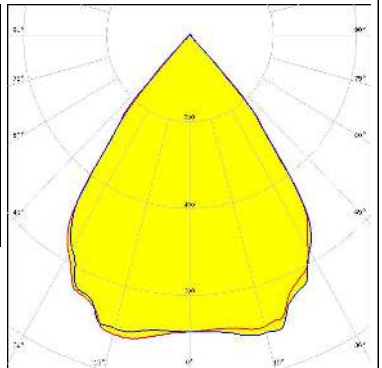

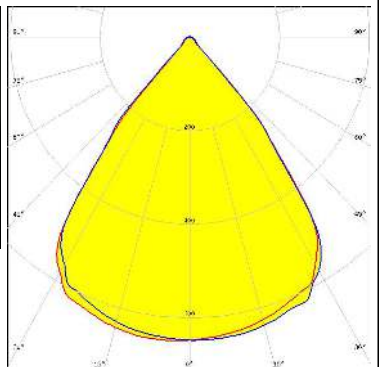
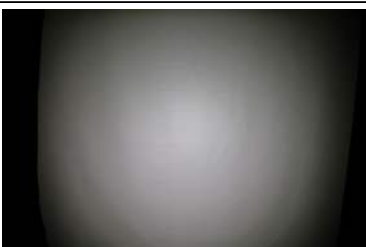
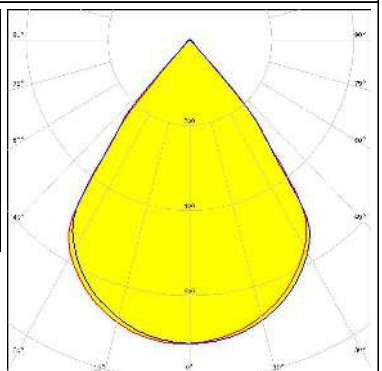


Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16862_DAISY-2X2-WW » Box size: 400 x 300 x 300 mm	Multi-lens	440	440	20	5.0
C16875_DAISY-2X2-SHD-WHT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3
C17483_DAISY-2X2-SHD-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.2
C17484_DAISY-2X2-SHD-WHT-MATT » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.4
C16866_DAISY-2X2-SHD » Box size: 400 x 300 x 300 mm	Shade	186	440	20	5.3


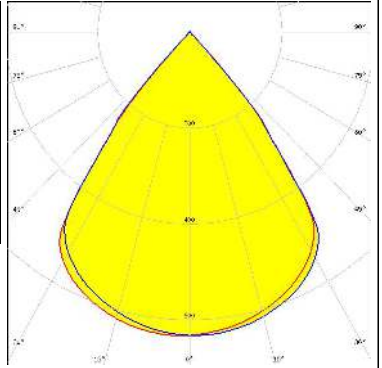

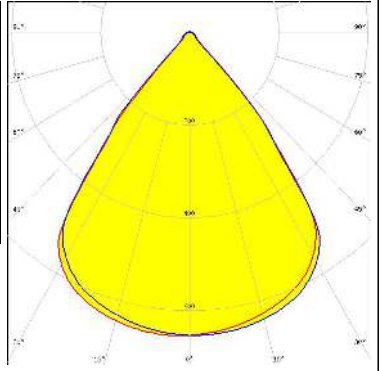

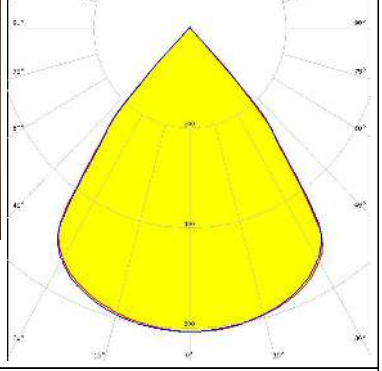

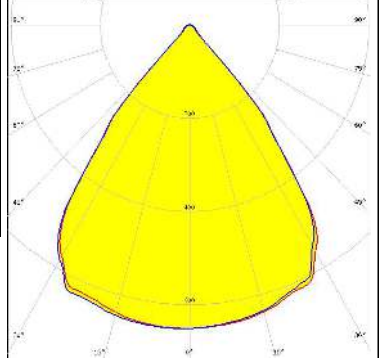


See also our general installation guide: www.ledil.com/installation_guide

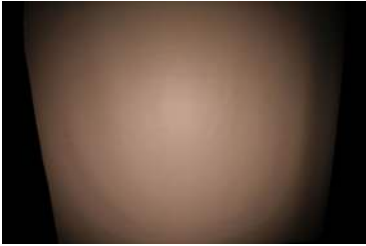
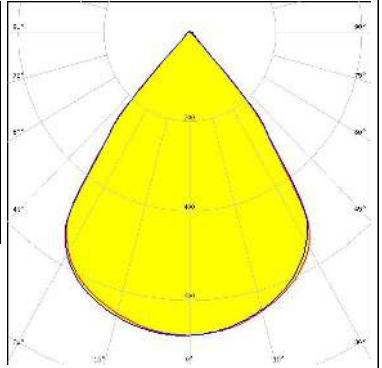
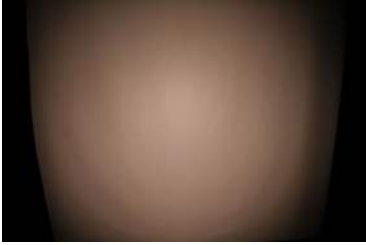
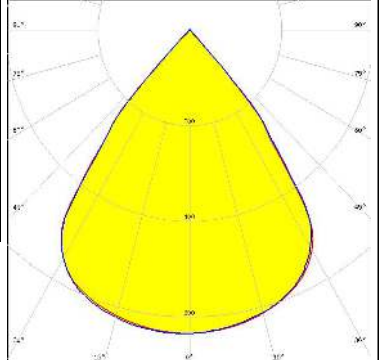

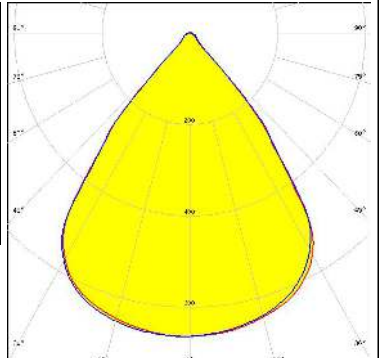
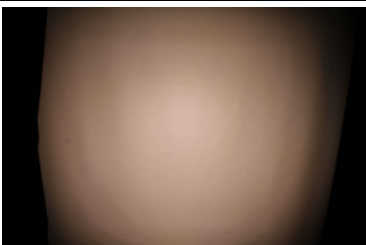
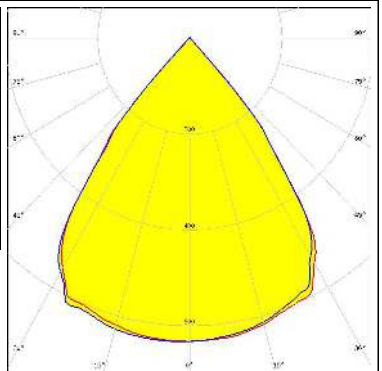
OPTICAL RESULTS (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm FWHM / FWTM 76.0° / 87.0° Efficiency 87 % Peak intensity 0.6 cd/m LEDs/each optic 4 Light colour White Required components: C16866_DAISSY-2X2-SHD</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm FWHM / FWTM 74.0° / 87.0° Efficiency 96 % Peak intensity 0.7 cd/m LEDs/each optic 4 Light colour White Required components: C17530_DAISSY-2X2-SHD-MET</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm FWHM / FWTM 76.0° / 87.5° Efficiency 95 % Peak intensity 0.7 cd/m LEDs/each optic 4 Light colour White Required components: C16875_DAISSY-2X2-SHD-WHT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm FWHM / FWTM 75.0° / 87.0° Efficiency 94 % Peak intensity 0.7 cd/m LEDs/each optic 4 Light colour White Required components: C17536_DAISSY-2X2-SHD-MET-MATT</p>		


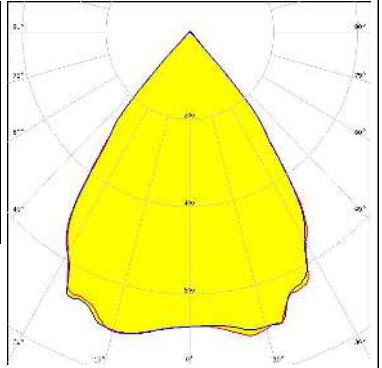
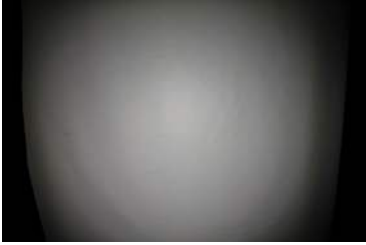
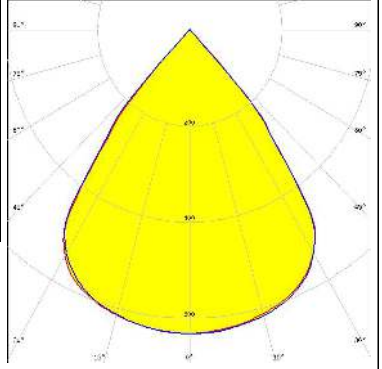
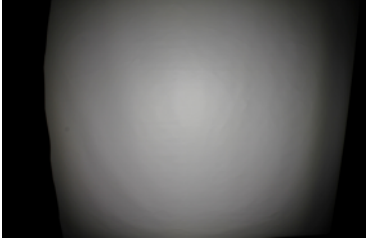
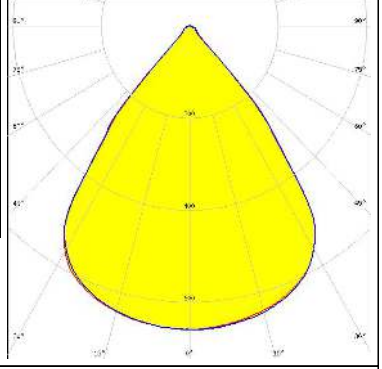

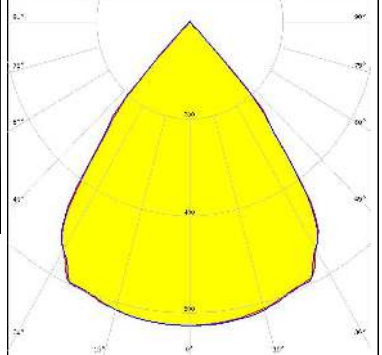
OPTICAL RESULTS (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm FWHM / FWTM 76.0° / 87.0° Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17483_DAISSY-2X2-SHD-MATT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm FWHM / FWTM 76.0° / 87.5° Efficiency 95 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C17484_DAISSY-2X2-SHD-WHT-MATT</p>		
<p>OSRAM</p> <p>LED Opticus Daisy M 2x2 4P FWHM / FWTM 77.0° / 88.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17483_DAISSY-2X2-SHD-MATT</p>		
<p>MST Your solutions</p> <p>LED RecLED 62x62mm 1600lm 827-865 36V G1 FWHM / FWTM 76.0° / 87.0° Efficiency 95 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour Tunable White Required components:</p>		


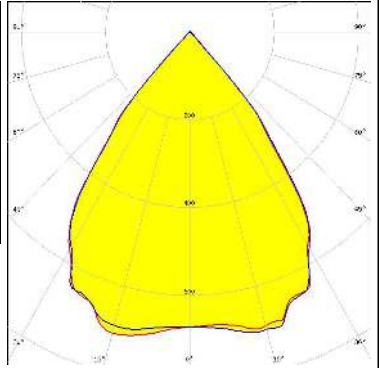
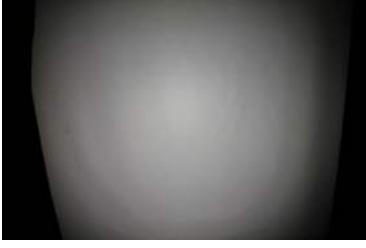
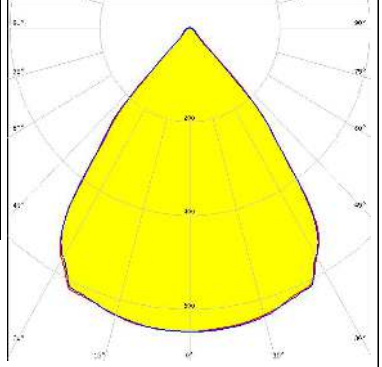

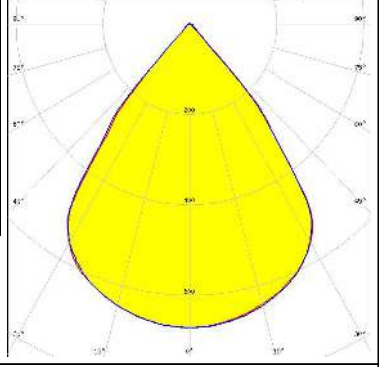
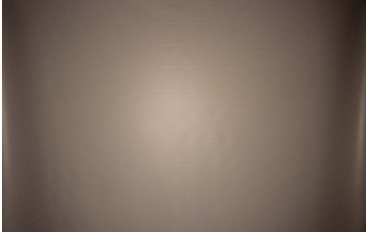
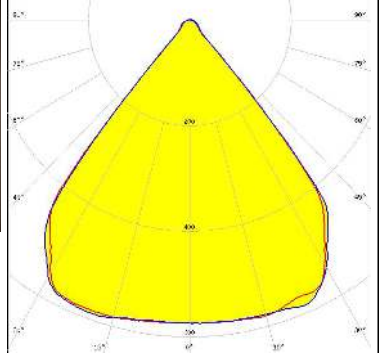
OPTICAL RESULTS (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 827-865 36V G1 FWHM / FWTM 75.0° / 87.0° Efficiency 91 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C17536_DAISSY-2X2-SHD-MET-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 827-865 36V G1 FWHM / FWTM 75.0° / 86.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C17483_DAISSY-2X2-SHD-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 827-865 36V G1 FWHM / FWTM 75.0° / 87.0° Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C17484_DAISSY-2X2-SHD-WHT-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 827-865 36V G1 FWHM / FWTM 75.0° / 86.0° Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C16866_DAISSY-2X2-SHD</p>		

OPTICAL RESULTS (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 827-865 36V G1 FWHM / FWTM 74.0° / 86.0° Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C17530_DAISSY-2X2-SHD-MET</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 8x0 36V G1 FWHM / FWTM 76.0° / 87.0° Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17483_DAISSY-2X2-SHD-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 8x0 36V G1 FWHM / FWTM 76.0° / 87.0° Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C17484_DAISSY-2X2-SHD-WHT-MATT</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 8x0 36V G1 FWHM / FWTM 75.0° / 87.0° Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16866_DAISSY-2X2-SHD</p>		

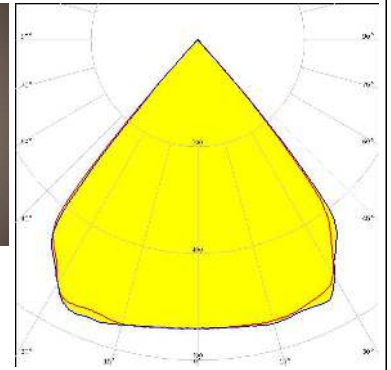
OPTICAL RESULTS (MEASURED):

<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 8x0 36V G1 FWHM / FWTM 74.0° / 87.0° Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components:</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 8x0 36V G1 FWHM / FWTM 76.0° / 88.0° Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16875_DAISSY-2X2-SHD-WHT</p>		
<p>MST <i>Your solutions</i></p> <p>LED RecLED 62x62mm 1600lm 8x0 36V G1 FWHM / FWTM 75.0° / 87.0° Efficiency 91 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C17536_DAISSY-2X2-SHD-MET-MATT</p>		
<p>NICHIA</p> <p>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: C16875_DAISSY-2X2-SHD-WHT</p>		

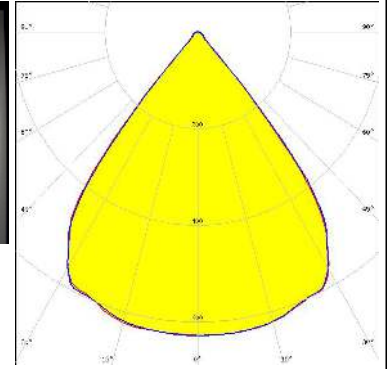
OPTICAL RESULTS (MEASURED):



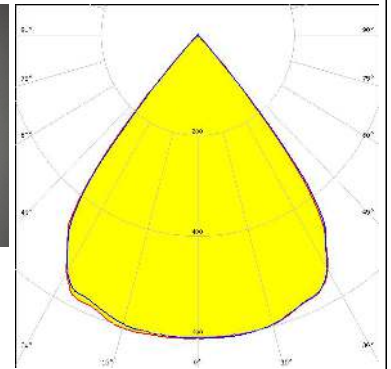
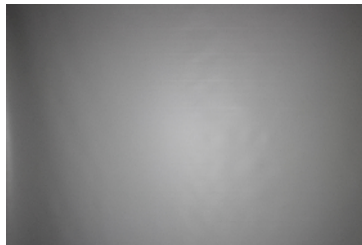
LED NF2W757G-MT (Tunable White)
 FWHM / FWTM 79.0° / 85.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 C16866_DAISSY-2X2-SHD



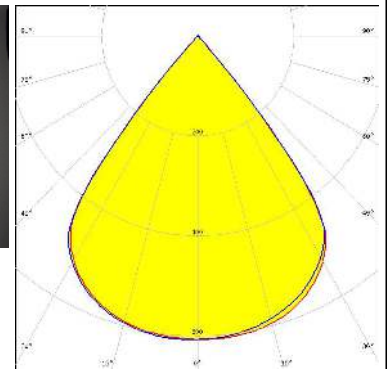
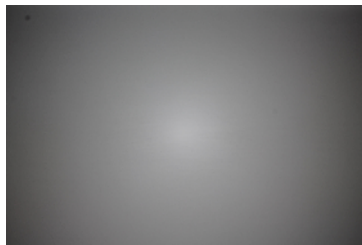
LED LM28xB Series
 FWHM / FWTM 77.0° / 85.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C16875_DAISSY-2X2-SHD-WHT




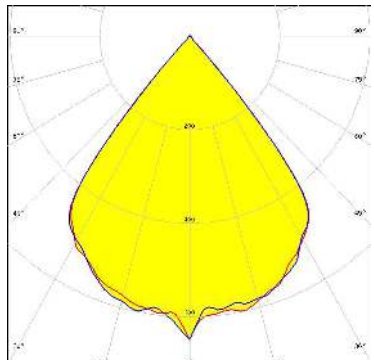

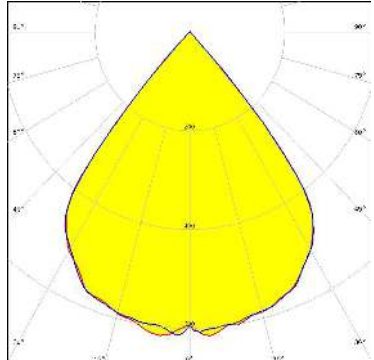

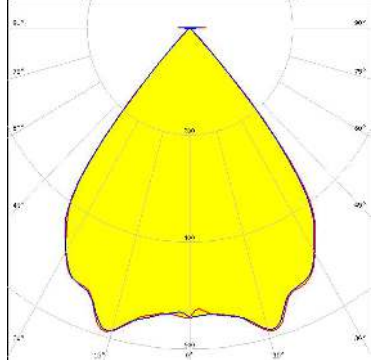

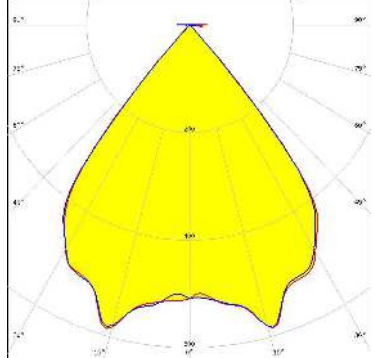
LED LM28xB Series
 FWHM / FWTM 77.0° / 85.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C16866_DAISSY-2X2-SHD



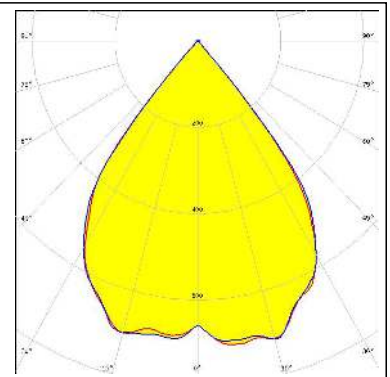
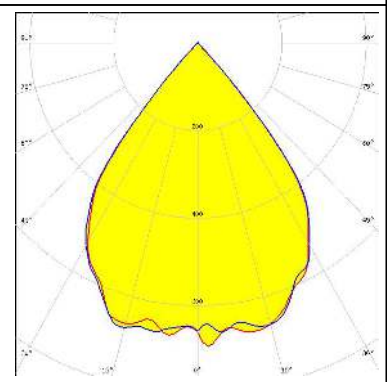
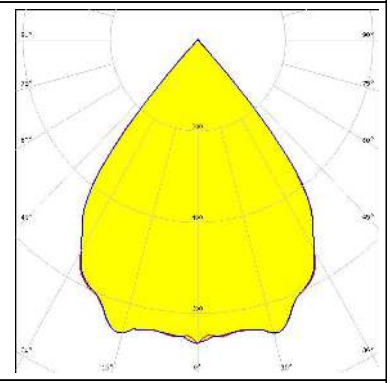
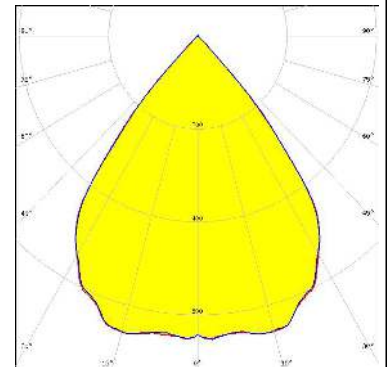
LED LM28xB Series
 FWHM / FWTM 77.0° / 85.0°
 Efficiency 85 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C17483_DAISSY-2X2-SHD-MATT



OPTICAL RESULTS (SIMULATED):

<p>CREE  LED</p> <p>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: C17483_DAISSY-2X2-SHD-MATT</p>	
<p>CREE  LED</p> <p>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: C17483_DAISSY-2X2-SHD-MATT</p>	
<p>CREE  LED</p> <p>LED XD16 FWHM / FWTM 77.0 + ° Efficiency 84 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: C16866_DAISSY-2X2-SHD</p>	
<p>CREE  LED</p> <p>LED XD16 FWHM / FWTM 78.0° / 86.0° Efficiency 83 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16866_DAISSY-2X2-SHD</p>	

OPTICAL RESULTS (SIMULATED):

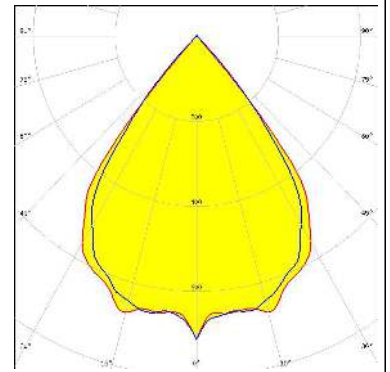
<p>CREE LED</p> <p>LED: XQ-E HD FWHM / FWTM: 76.0° / 84.0° Efficiency: 90 % Peak intensity: 0.7 cd/lm LEDs/each optic: 4 Light colour: White Required components: C16866_DAISY-2X2-SHD</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 5050 Square LES FWHM / FWTM: 77.0° / 87.0° Efficiency: 89 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components: C16866_DAISY-2X2-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: C16866_DAISY-2X2-SHD</p>	
<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: C16866_DAISY-2X2-SHD</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

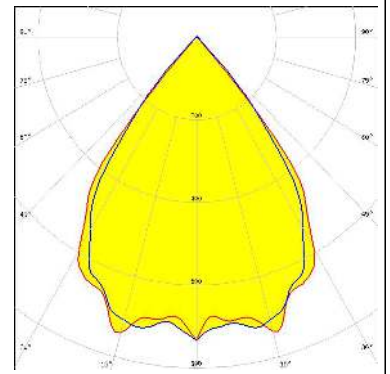
LED Duris E 2835
FWHM / FWTM 74.0° / 86.0°
Efficiency 89 %
Peak intensity 0.7 cd/lm
LEDs/each optic 2
Light colour White
Required components:
C16866_DAISSY-2X2-SHD



OSRAM

Opto Semiconductors

LED Duris E 2835
FWHM / FWTM 74.0° / 86.0°
Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 2
Light colour White
Required components:
C16875_DAISSY-2X2-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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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