DAISY-7X1-W2-D

~50° wide beam with tighter cutoff. Variant with diffused lenses.



SPECIFICATION:

Dimensions	x mm
Height	0 mm
Fastening	pin, screw, clips
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
C17363_DAISY-7X1-W2-D	Linear lens	PMMA	milky		
C19642_DAISY-7X1-SHD3-MET-MATT	Shade	PC	metal	matt	
C19641_DAISY-7X1-SHD3-MET	Shade	PC	metal	gloss	
C19315_DAISY-7X1-SHD3-WHT-MATT	Shade	PC	white	matt	
C19314_DAISY-7X1-SHD3-WHT	Shade	PC	white	gloss	
C19313_DAISY-7X1-SHD3-MATT	Shade	PC	black	matt	
C19312_DAISY-7X1-SHD3	Shade	PC	black	gloss	
C18409_DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt	279.5
C18167_DAISY-7X1-SHD-MET	Shade	PC	metal	gloss	
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt	279.5
C17051_DAISY-7X1-SHD-MATT	Shade	PC	black	matt	279.5
C16876_DAISY-7X1-SHD-WHT	Shade	PC	white	gloss	279.5
C16872_DAISY-7X1-SHD	Shade	PC	black	gloss	

ORDERING INFORMATION:

Quantities for one set:

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Linear [illegible]s	1
Shade	1

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17363_DAISY-7X1-W2-D » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	7.0
C18409_DAISY-7X1-SHD-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
C19641_DAISY-7X1-SHD3-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.1
C17051_DAISY-7X1-SHD-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.3
C19312_DAISY-7X1-SHD3 » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.1
C19642_DAISY-7X1-SHD3-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	5.7
C17225_DAISY-7X1-SHD-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6
C19313_DAISY-7X1-SHD3-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	5.8
C19314_DAISY-7X1-SHD3-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.3
C16872_DAISY-7X1-SHD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
C18167_DAISY-7X1-SHD-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
C19315_DAISY-7X1-SHD3-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.2
C16876_DAISY-7X1-SHD-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6

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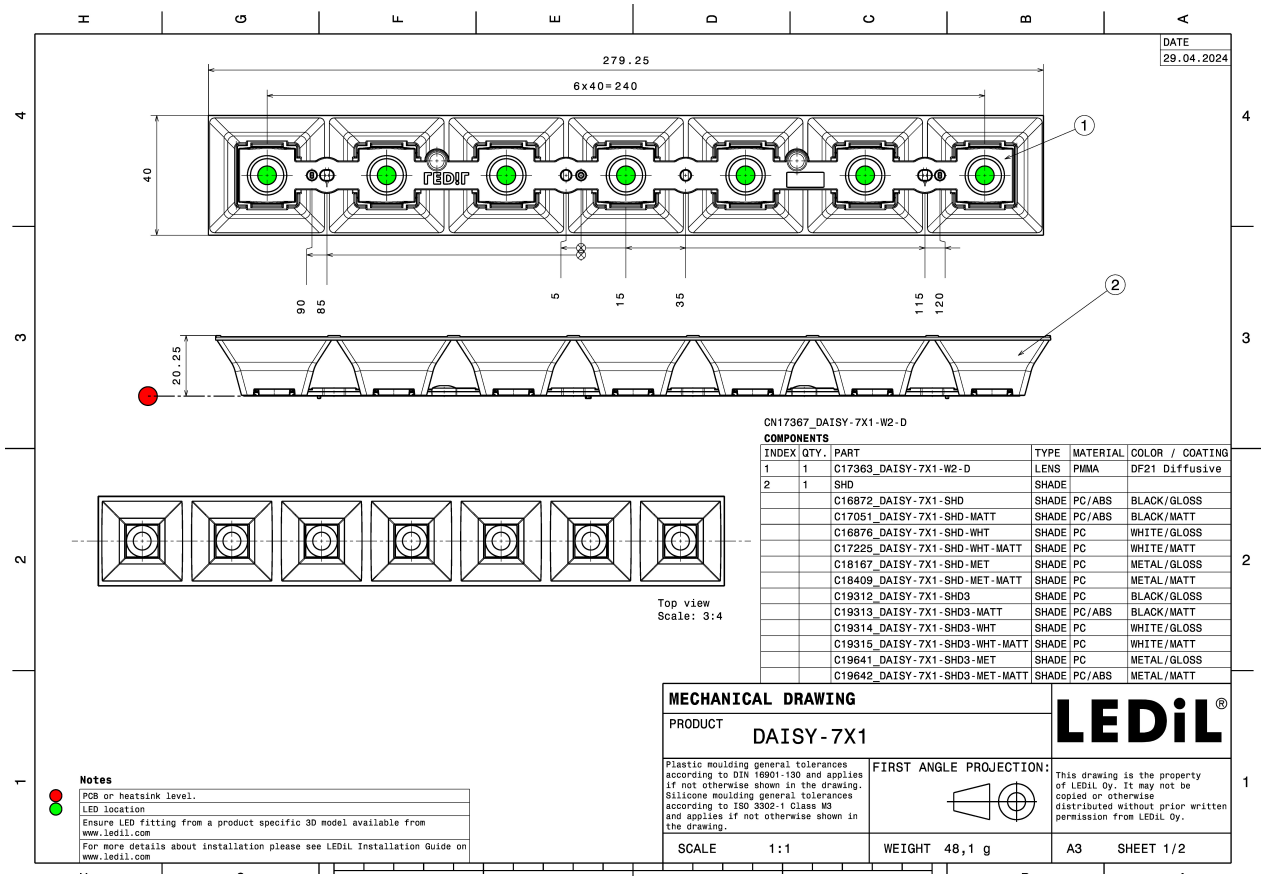
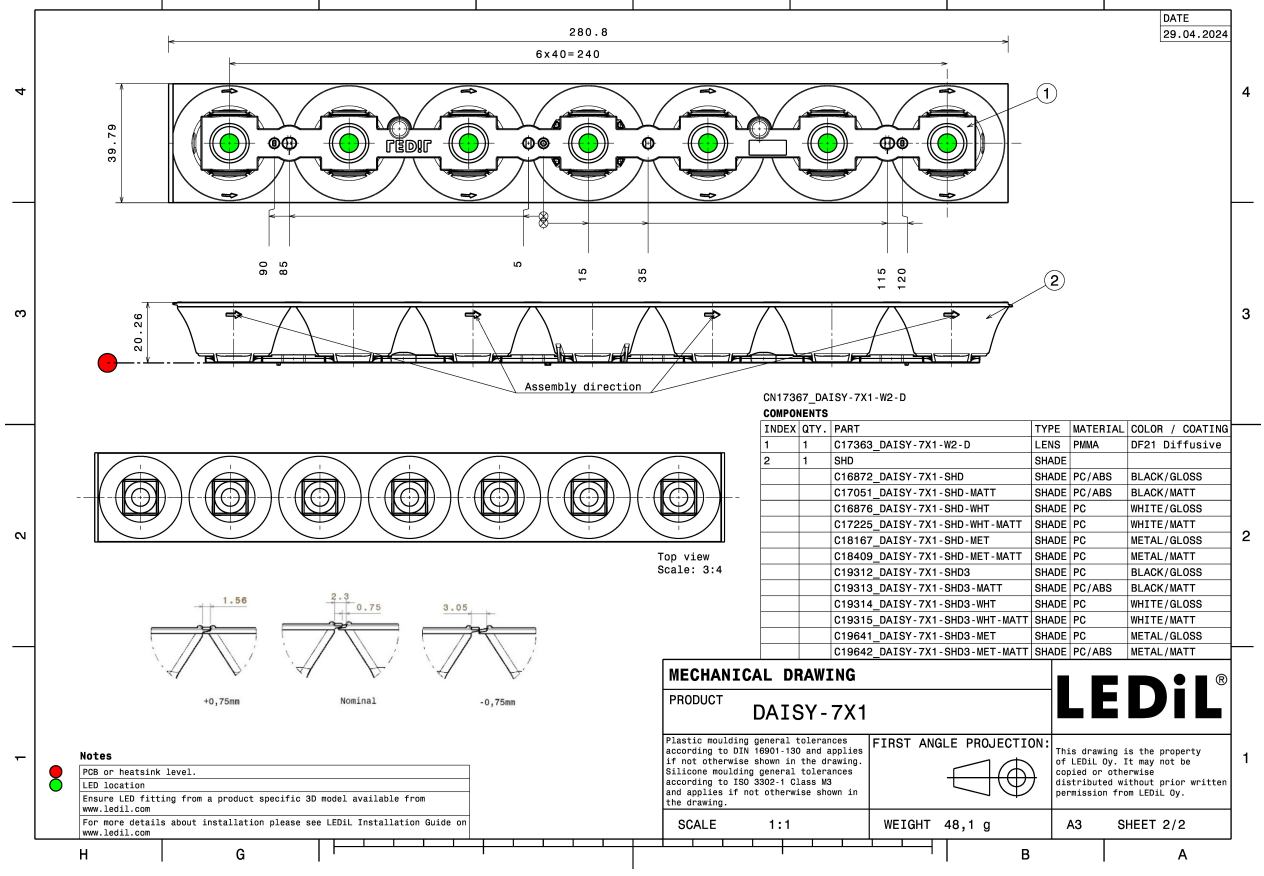




See also our general installation guide: www.ledil.com/installation_guide

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

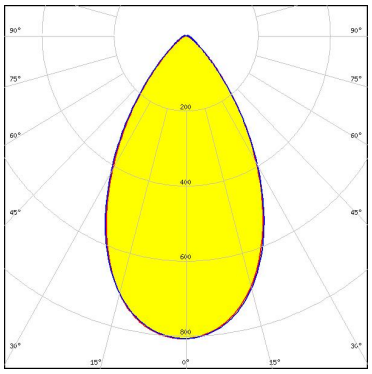
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm
FWHM / FWTM	60.0° / 95.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16876_DAISY-7X1-SHD-WHT





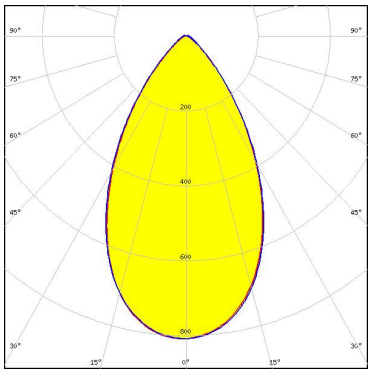
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm
FWHM / FWTM	60.0° / 95.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17225_DAISY-7X1-SHD-WHT-MATT





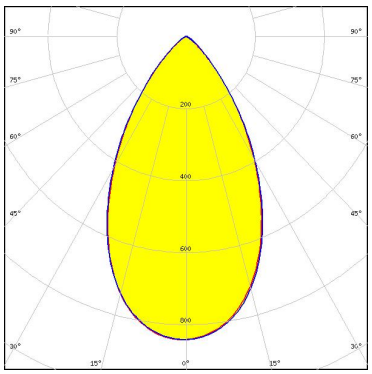
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm
FWHM / FWTM	59.0° / 94.0°
Efficiency	86 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17533_DAISY-7X1-SHD-MET-MATT





Light distribution files

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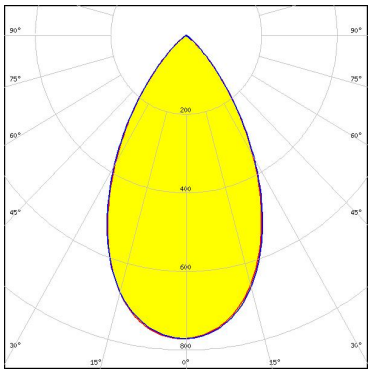
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm
FWHM / FWTM	58.5° / 91.0°
Efficiency	76 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





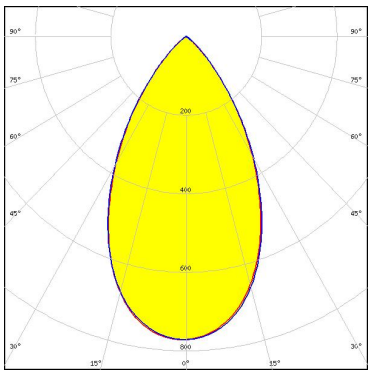
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm
FWHM / FWTM	58.0° / 91.0°
Efficiency	75 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





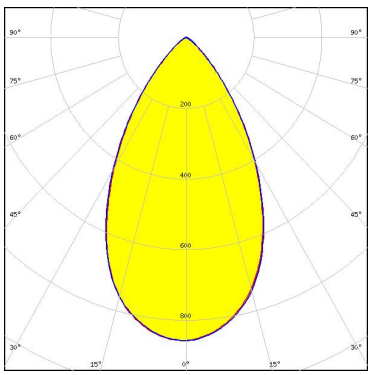
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm
FWHM / FWTM	59.0° / 94.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C18167_DAISY-7X1-SHD-MET





Light distribution files

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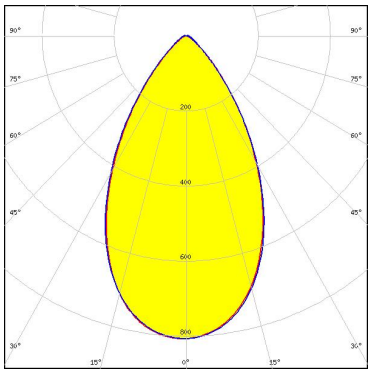
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	60.0° / 96.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16876_DAISY-7X1-SHD-WHT





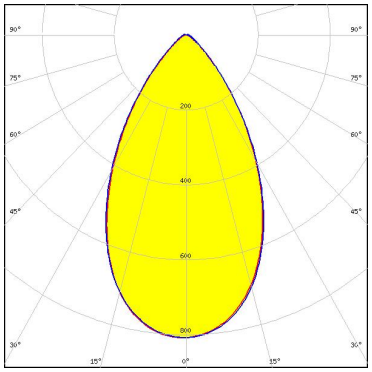
Light distribution files

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	60.0° / 96.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17225_DAISY-7X1-SHD-WHT-MATT





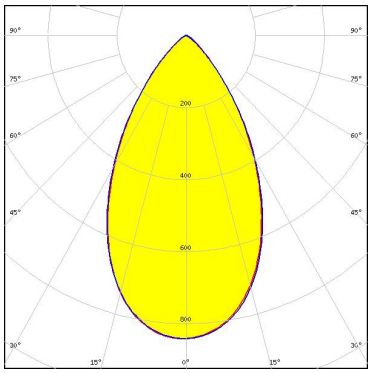
Light distribution files

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	59.0° / 94.0°
Efficiency	86 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17533_DAISY-7X1-SHD-MET-MATT





Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

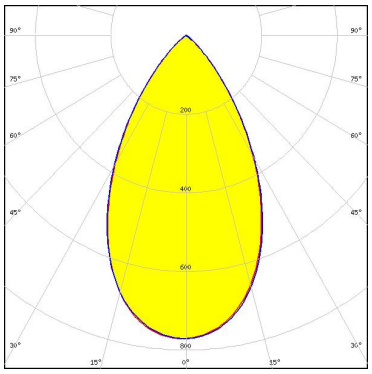
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	58.5° / 91.0°
Efficiency	76 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





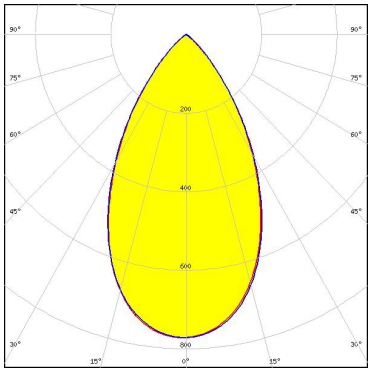
Light distribution files

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	58.0° / 91.0°
Efficiency	75 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





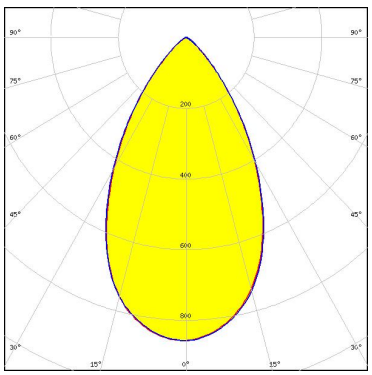
Light distribution files

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	59.0° / 94.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17532_DAISY-7X1-SHD-MET





Light distribution files

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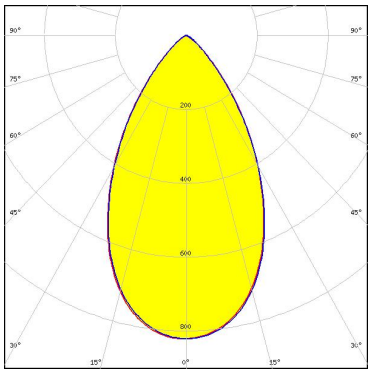
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	59.0° / 95.0°
Efficiency	85 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17533_DAISY-7X1-SHD-MET-MATT





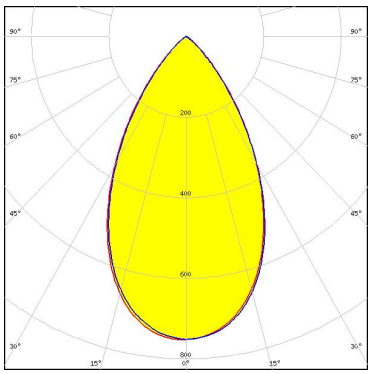
Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	59.0° / 92.0°
Efficiency	74 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





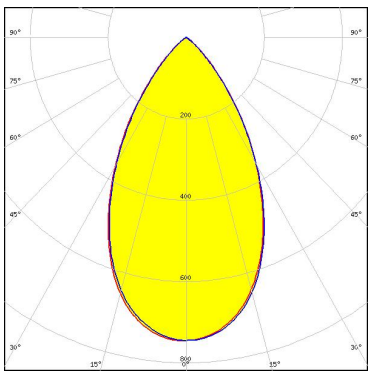
Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	59.0° / 92.0°
Efficiency	73 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





Light distribution files

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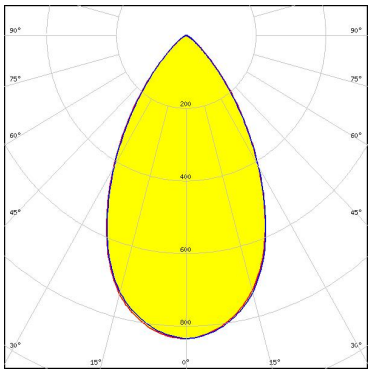
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	60.0° / 94.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C18167_DAISY-7X1-SHD-MET





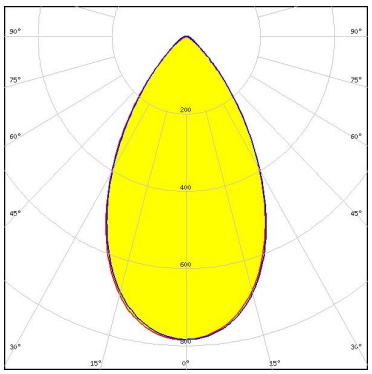
Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	61.0° / 97.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16876_DAISY-7X1-SHD-WHT





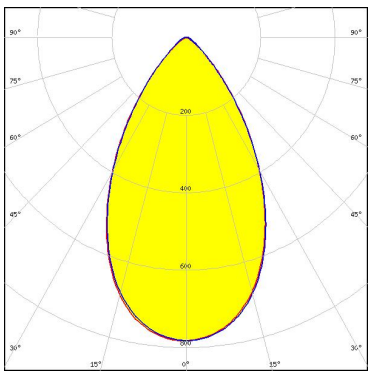
Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	60.0° / 97.0°
Efficiency	86 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17225_DAISY-7X1-SHD-WHT-MATT





Light distribution files

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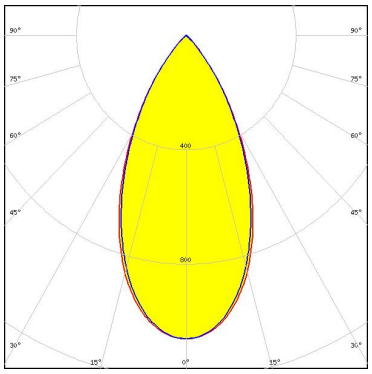
OPTICAL RESULTS (MEASURED):

MST | Your solutions

LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM	51.0° / 81.0°
Efficiency	81 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





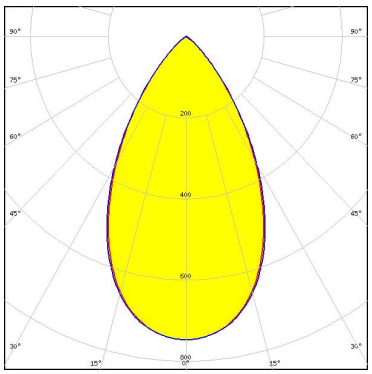
Light distribution files

OSRAM

LED	PL-LIN-2000 280x24mm
FWHM / FWTM	59.0° / 91.0°
Efficiency	74 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





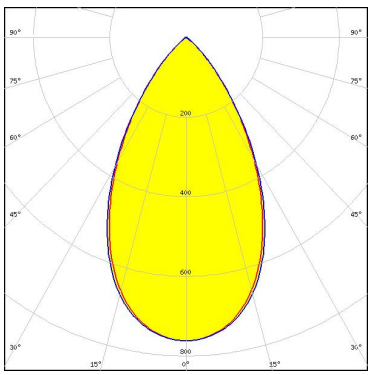
Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ E 2835
FWHM / FWTM	58.0° / 91.0°
Efficiency	75 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





Light distribution files

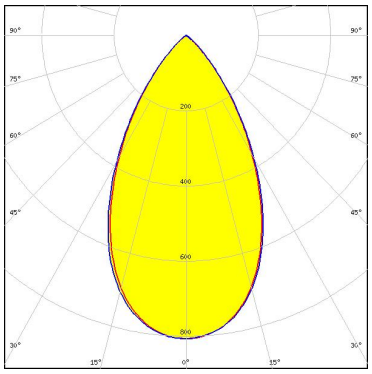
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

SEITEC Elektronik GmbH

LED	LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)
FWHM / FWTM	58.0° / 90.0°
Efficiency	77 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



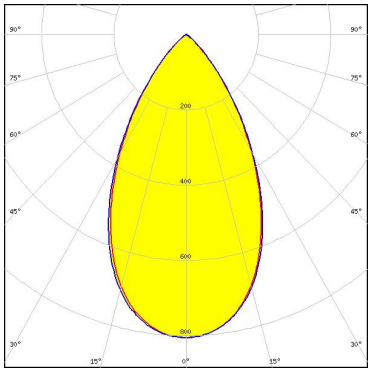


Light distribution files

SEITEC Elektronik GmbH

LED	LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)
FWHM / FWTM	58.0° / 90.0°
Efficiency	76 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	

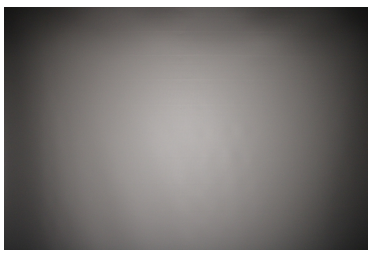


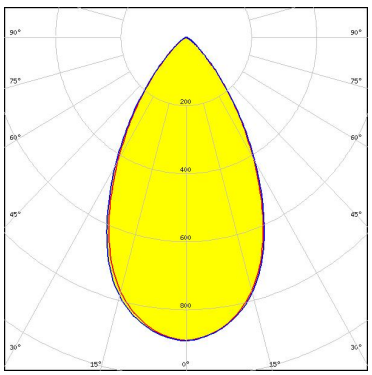


Light distribution files

SEITEC Elektronik GmbH

LED	LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)
FWHM / FWTM	58.0° / 92.0°
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C18167_DAISY-7X1-SHD-MET	





Light distribution files

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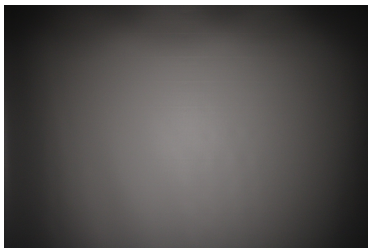
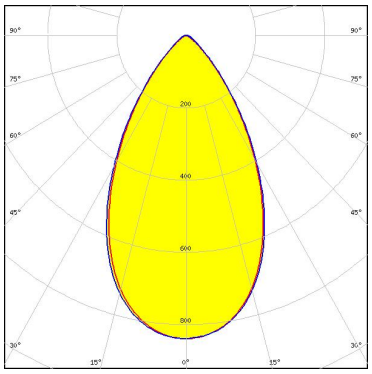
OPTICAL RESULTS (MEASURED):

SEITEC Elektronik GmbH

LED	LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)
FWHM / FWTM	59.0° / 94.0°
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16876_DAISY-7X1-SHD-WHT	



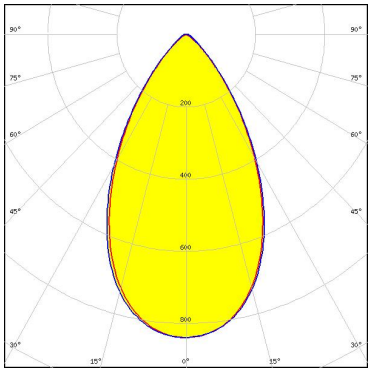


Light distribution files

SEITEC Elektronik GmbH

LED	LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)
FWHM / FWTM	59.0° / 95.0°
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



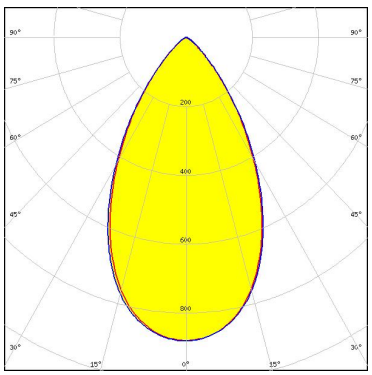


Light distribution files

SEITEC Elektronik GmbH

LED	LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)
FWHM / FWTM	58.0° / 93.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	





Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

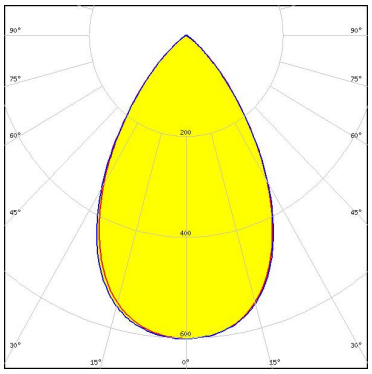
OPTICAL RESULTS (MEASURED):

TEPCOMP group

LED	PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC
FWHM / FWTM	64.0° / 96.0°
Efficiency	70 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





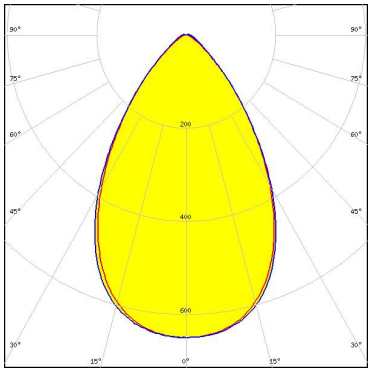
Light distribution files

TEPCOMP group

LED	PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC
FWHM / FWTM	66.0° / 103.0°
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16876_DAISY-7X1-SHD-WHT





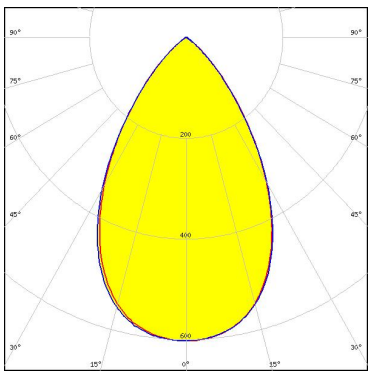
Light distribution files

TEPCOMP group

LED	PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC
FWHM / FWTM	64.0° / 96.0°
Efficiency	69 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





Light distribution files

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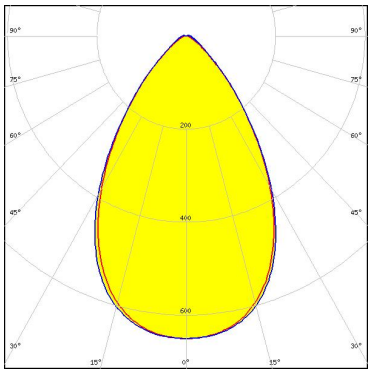
OPTICAL RESULTS (MEASURED):

TEPCOMP group

LED	PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC
FWHM / FWTM	66.0° / 103.0°
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



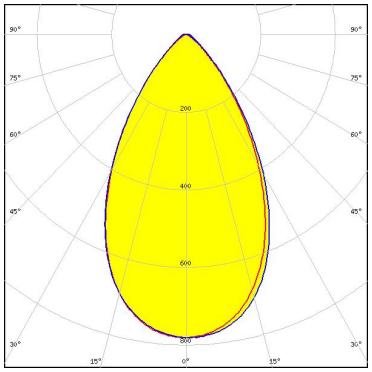


Light distribution files

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	61.0° / 96.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16876_DAISY-7X1-SHD-WHT	



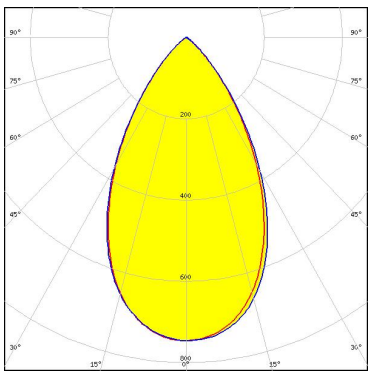


Light distribution files

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	60.0° / 92.0°
Efficiency	74 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	





Light distribution files

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OPTICAL RESULTS (MEASURED):

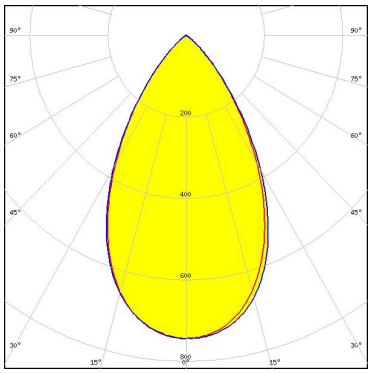
TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	60.0° / 92.0°
Efficiency	75 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:

C16872_DAISY-7X1-SHD





Light distribution files

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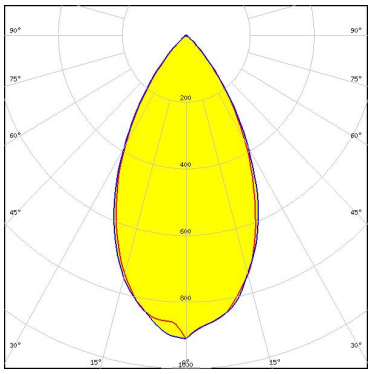
OPTICAL RESULTS (SIMULATED):

CREE LEDs

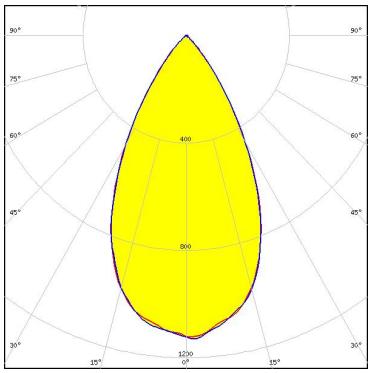
LED	J Series 2835
FWHM / FWTM	56.0° / 88.0°
Efficiency	77 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

MST Your solutions

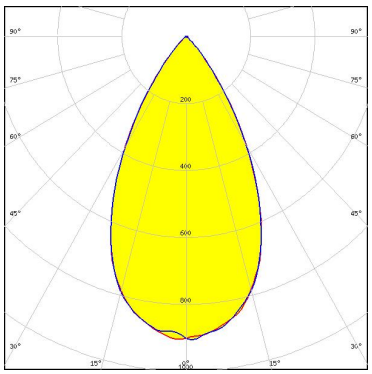
LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	55.0° / 82.0°
Efficiency	93 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	56.0° / 82.0°
Efficiency	74 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



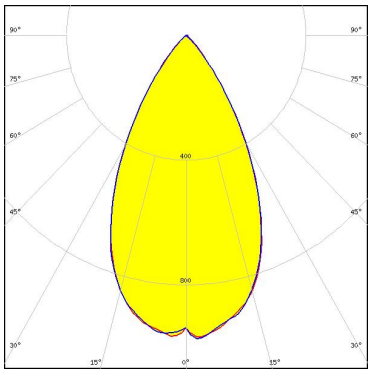
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

MST Your solutions

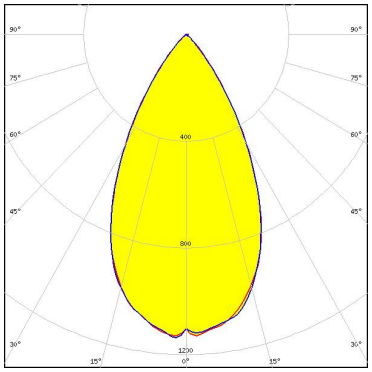
LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	56.0° / 82.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



Light distribution files

MST Your solutions

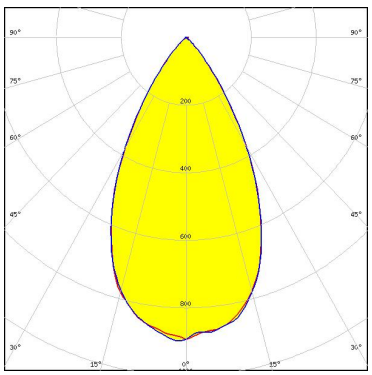
LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	56.0° / 82.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C18167_DAISY-7X1-SHD-MET	



Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	56.0° / 82.0°
Efficiency	74 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

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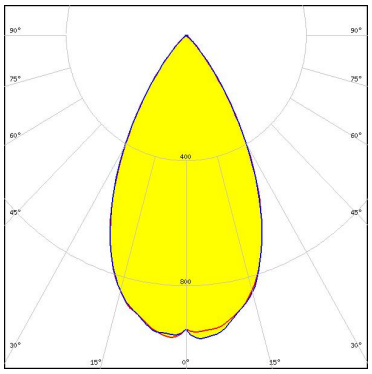
OPTICAL RESULTS (SIMULATED):

MST Your solutions

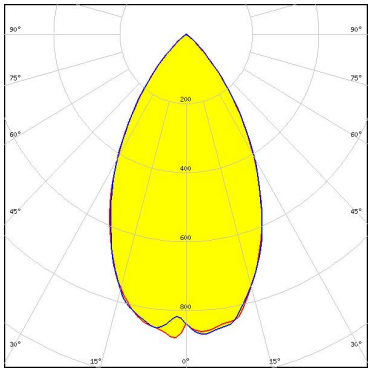
LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	56.0° / 82.0°
Efficiency	81 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16876_DAISY-7X1-SHD-WHT	



Light distribution files

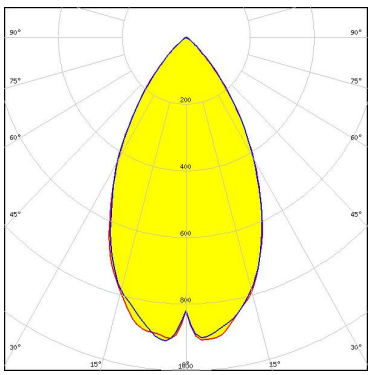
OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	58.0° / 91.0°
Efficiency	83 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	58.0° / 92.0°
Efficiency	87 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



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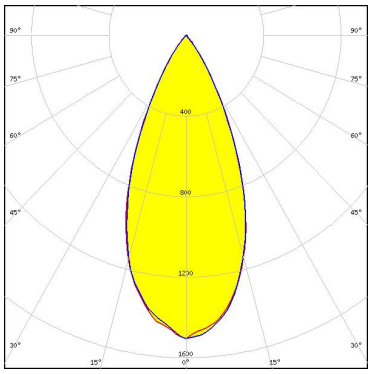
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

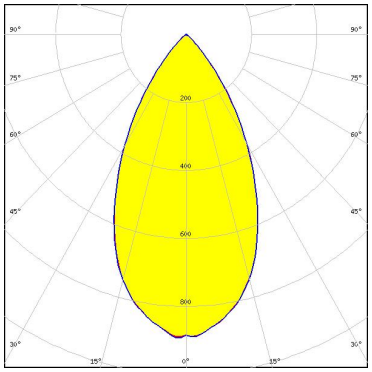
LED	OSLON PURE 1010
FWHM / FWTM	44.0° / 70.0°
Efficiency	86 %
Peak intensity	1.5 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



Light distribution files

SAMSUNG

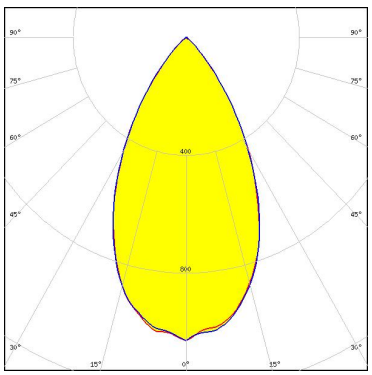
LED	LM301Z Plus
FWHM / FWTM	54.0° / 86.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

SAMSUNG

LED	LM301Z Plus
FWHM / FWTM	56.0° / 86.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	3
Light colour/type	White
Required components:	
C18167_DAISY-7X1-SHD-MET	



Light distribution files

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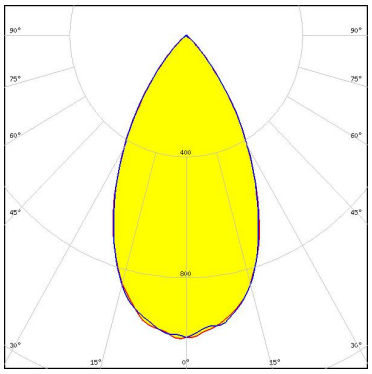
OPTICAL RESULTS (SIMULATED):

SAMSUNG

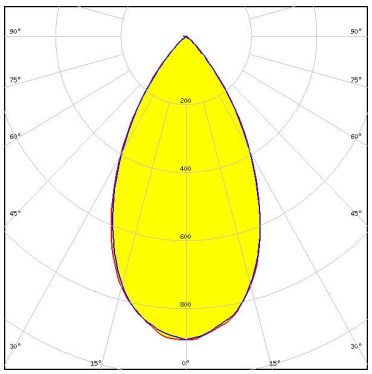
LED	LM301Z Plus
FWHM / FWTM	55.0° / 86.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



Light distribution files

SEOUL SEMICONDUCTOR

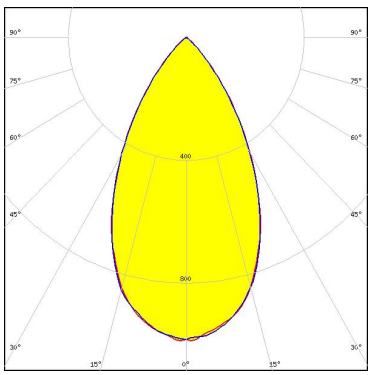
LED	SEOUL DC 3030C
FWHM / FWTM	56.0° / 88.0°
Efficiency	78 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	56.0° / 88.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



Light distribution files

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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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