DAISY-4X1-W-D

~50° wide beam. Variant with diffused lenses.



SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
DAISY-4X1-W-D	Linear lens	PMMA	milky		
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD	Shade	PC	black	gloss	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD-WHT	Shade	PC	white	gloss	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD2-MATT	Shade	PC-ABS	black	matt	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD2-WHT-MATT	Shade	PC	white	matt	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD2-MET-MATT	Shade	PC-ABS	metal	matt	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD-MET	Shade	PC	metal	gloss	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD2	Shade	PC-ABS	black	gloss	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD3	Shade	PC	black	gloss	
» Box size: 480 x 280 x 300 mm					
DAISY-4X1-SHD3-MATT	Shade	PC-ABS	black	matt	
» Box size: 480 x 280 x 300 mm					

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» Box size: 480 x 280 x 300 mm				
DAISY-4X1-SHD3-WHT-MATT	Shade	PC	white	matt
» Box size: 480 x 280 x 300 mm				
DAISY-4X1-SHD3-MET	Shade	PC	metal	gloss
» Box size: 480 x 280 x 300 mm				
DAISY-4X1-SHD3-MET-MATT	Shade	PC-ABS	metal	matt
» Box size: 480 x 280 x 300 mm				
DAISY-4X1-SHD2-WHT	Shade	PC	white	gloss
» Box size: 480 x 280 x 300 mm				

ORDERING INFORMATION:

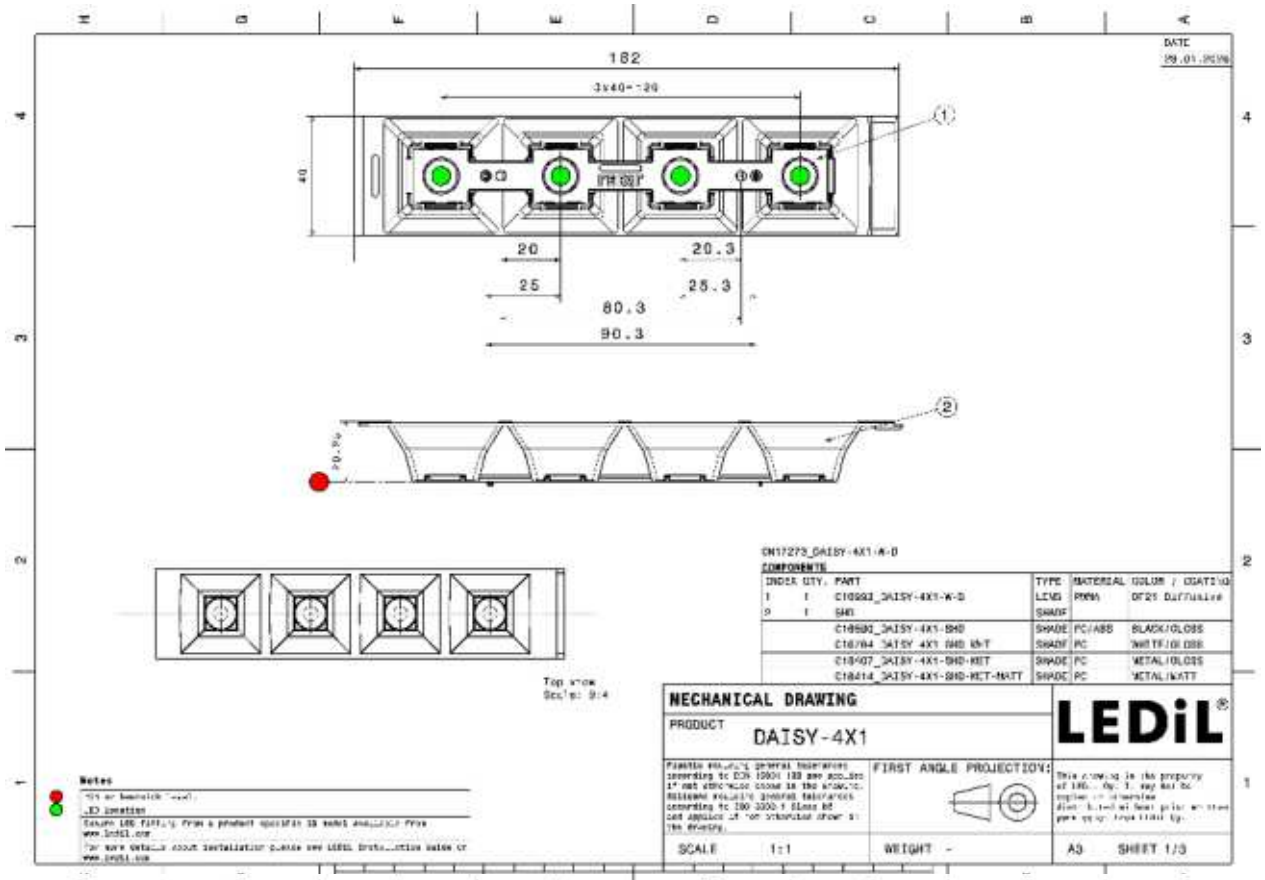
Quantities for one set:

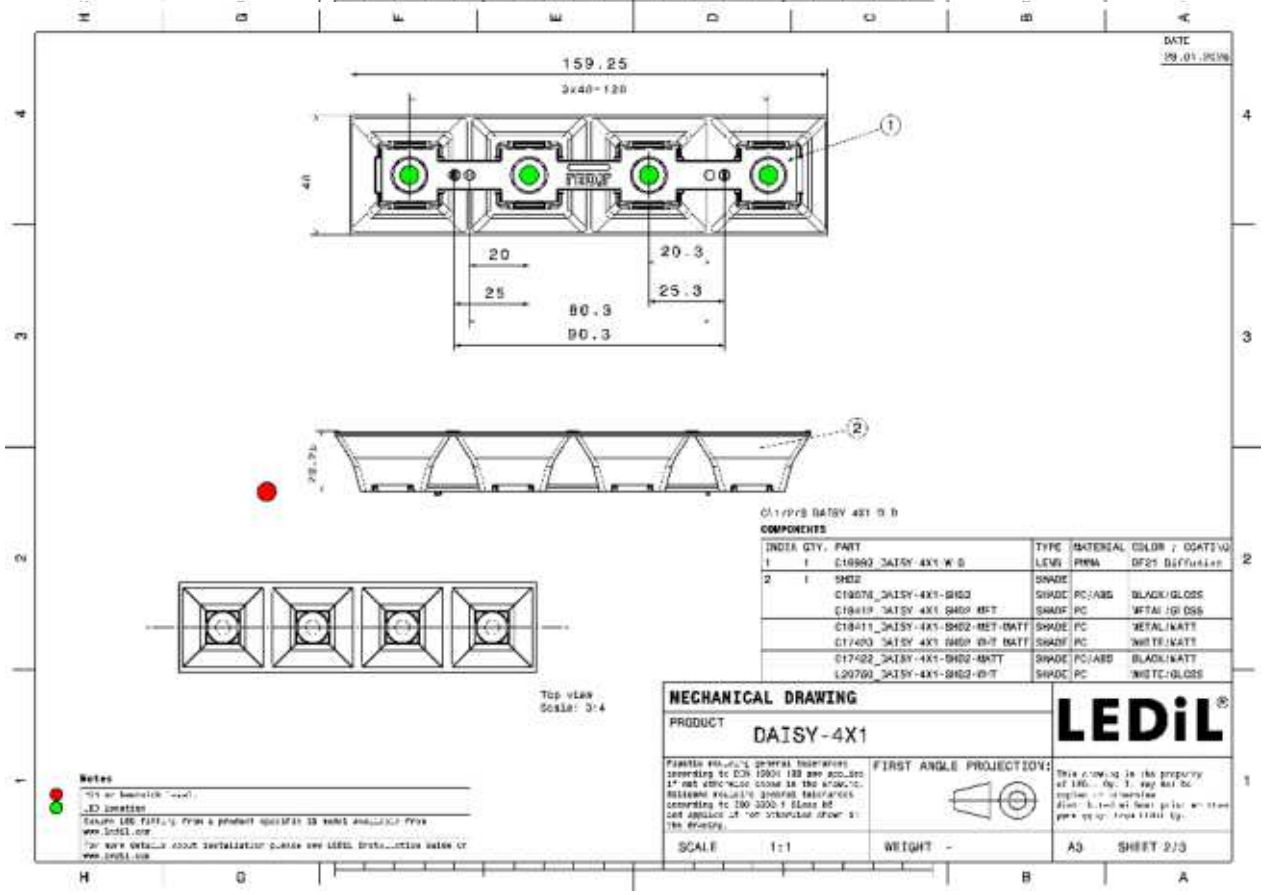
Linear lens	1
Shade	1

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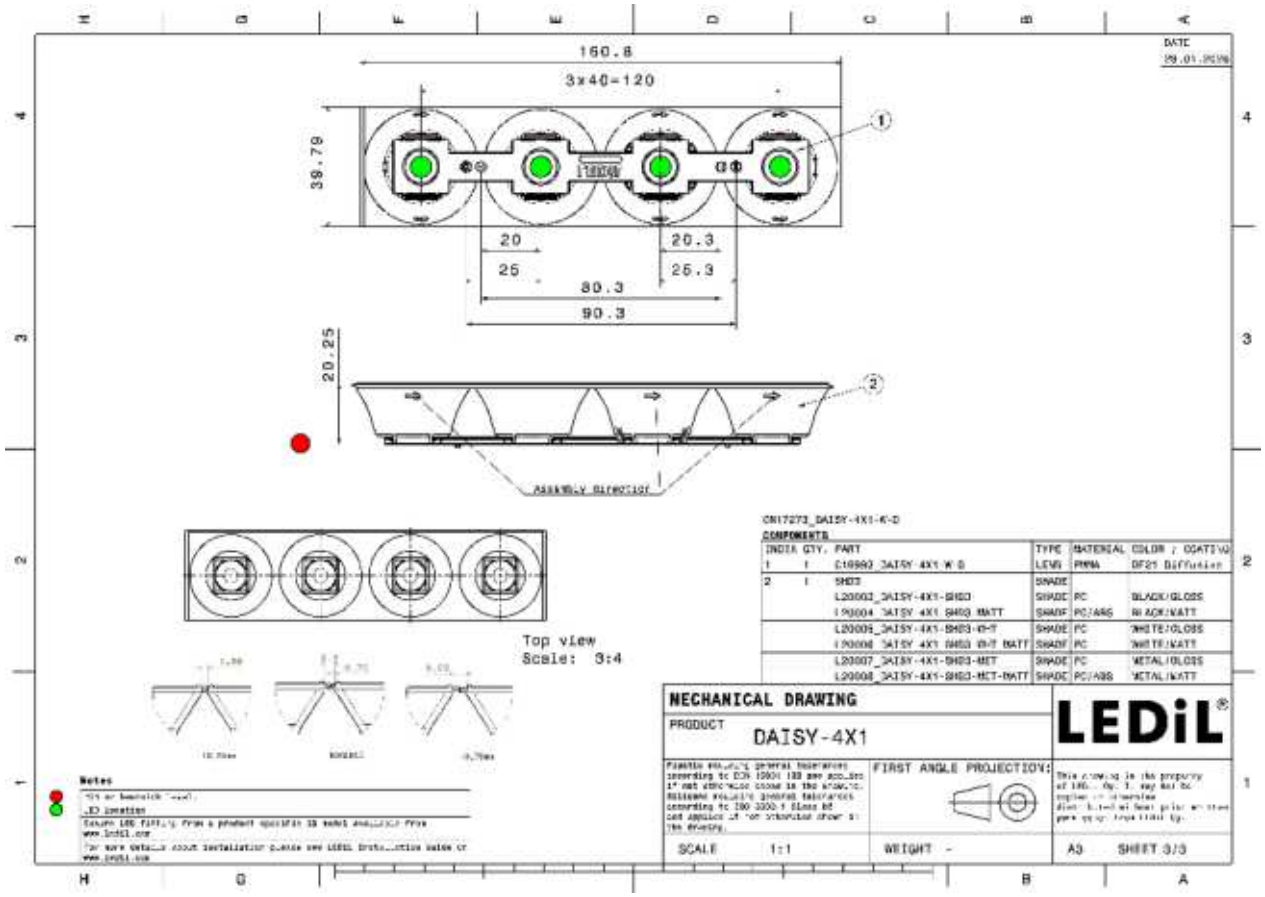
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16992_DAISY-4X1-W-D	504	336	21	6.3
C16590_DAISY-4X1-SHD	168	336	42	4.9
L20003_DAISY-4X1-SHD3	168	336	42	4.0
C19075_DAISY-4X1-SHD2	168	336	42	4.4
C18407_DAISY-4X1-SHD-MET	168	336	42	4.3
L20750_DAISY-4X1-SHD2-WHT	168	336	42	4.5
C17535_DAISY-4X1-SHD2-MET-MATT	168	336	168	4.1
L20008_DAISY-4X1-SHD3-MET-MATT	168	336	42	3.8
C17423_DAISY-4X1-SHD2-WHT-MATT	168	336	42	4.9
L20007_DAISY-4X1-SHD3-MET	168	336	42	4.0
C17422_DAISY-4X1-SHD2-MATT	168	336	42	4.7
L20006_DAISY-4X1-SHD3-WHT-MATT	168	336	42	4.0
L20005_DAISY-4X1-SHD3-WHT	168	336	42	4.0
C16784_DAISY-4X1-SHD-WHT	168	336	42	5.2
L20004_DAISY-4X1-SHD3-MATT	168	336	42	3.8

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

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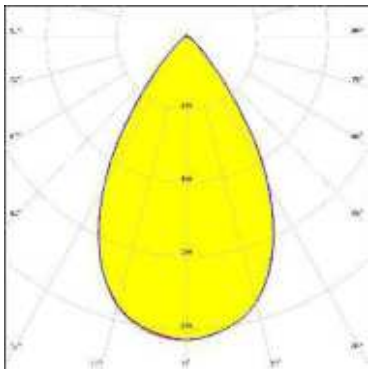
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.5° / 90.0°
Efficiency	90 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17528_DAISY-4X1-SHD-MET





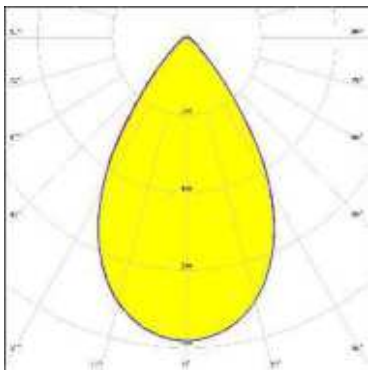
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	64.5° / 93.0°
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT





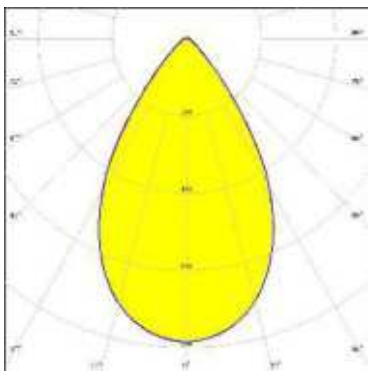
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	64.5° / 92.0°
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT





Light distribution files

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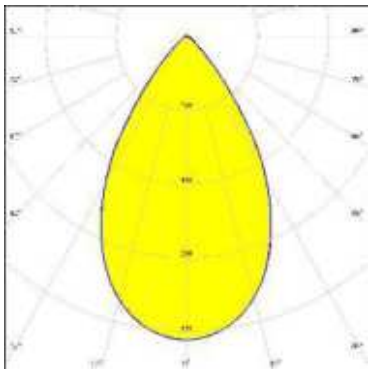
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.5° / 90.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17535_DAISY-4X1-SHD2-MET-MATT





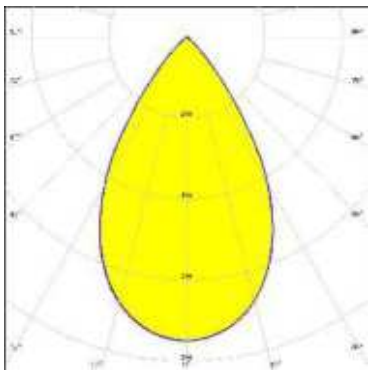
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.5° / 88.5°
Efficiency	78 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD





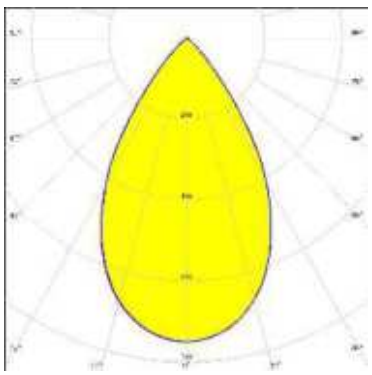
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.0° / 88.0°
Efficiency	77 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT





Light distribution files

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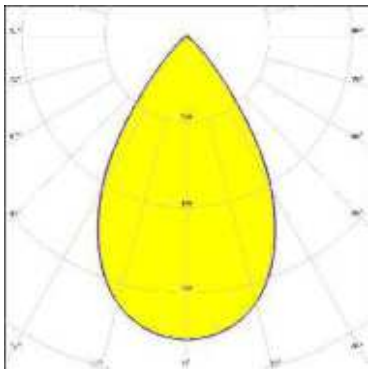
OPTICAL RESULTS (MEASURED):

inventronics

LED	PL-LIN-1000 140x24mm
FWHM / FWTM	65.0° / 89.0°
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT



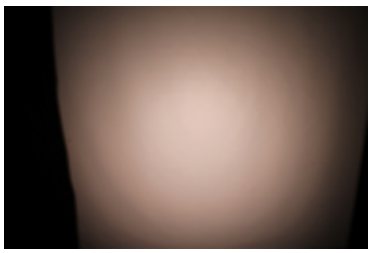


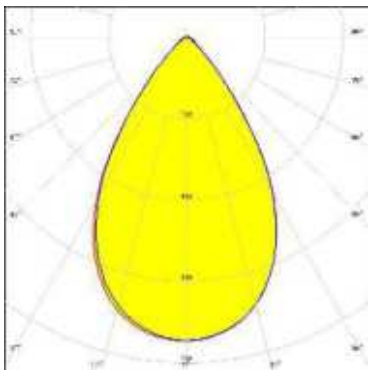
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	66.0 + 65.5° / 94.0°
Efficiency	89 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16784_DAISY-4X1-SHD-WHT



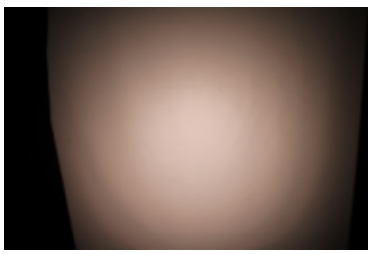


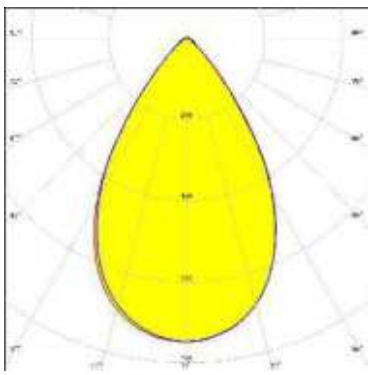
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	66.5 + 65.5° / 94.0°
Efficiency	89 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT





Light distribution files

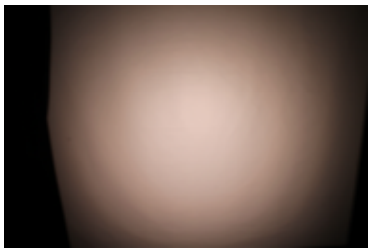
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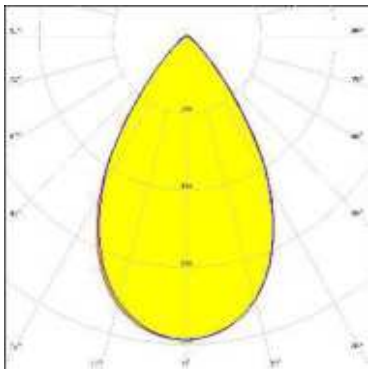
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	64.5° / 92.5 + 92.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17535_DAISY-4X1-SHD2-MET-MATT



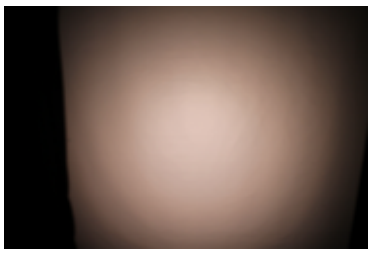


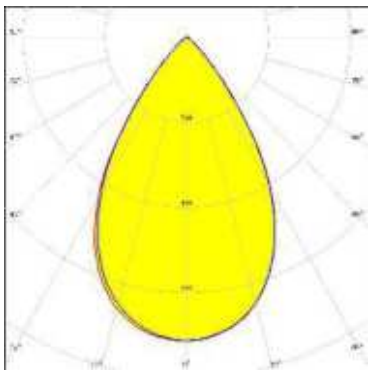
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 90.0 + 89.5°
Efficiency	77 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD





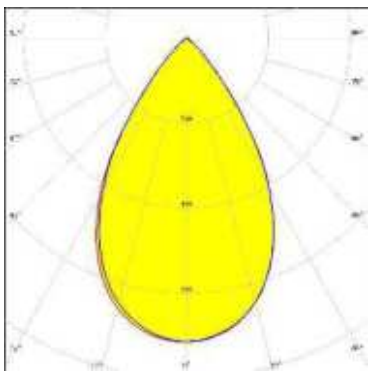
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	64.5° / 90.0 + 89.5°
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17422_DAISY-4X1-SHD2-MATT





Light distribution files

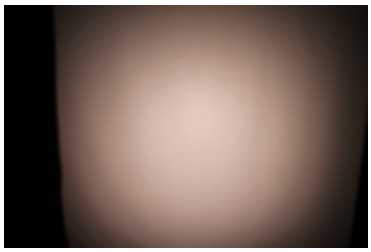
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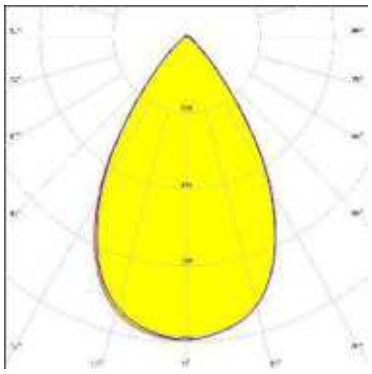
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 91.5 + 91.0°
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17528_DAISY-4X1-SHD-MET





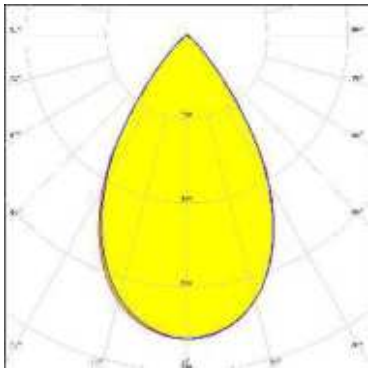
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.0 + 63.5° / 89.5 + 89.0°
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT



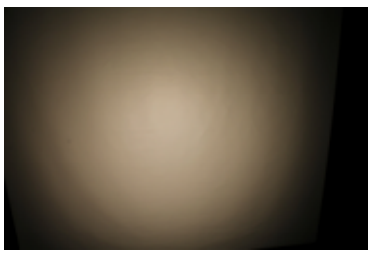


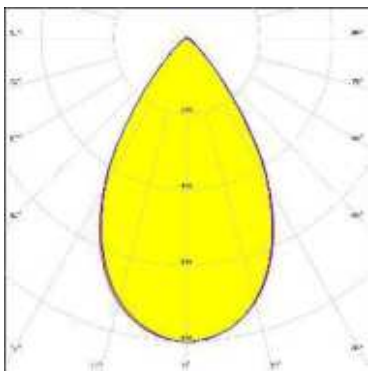
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.0° / 92.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17535_DAISY-4X1-SHD2-MET-MATT





Light distribution files

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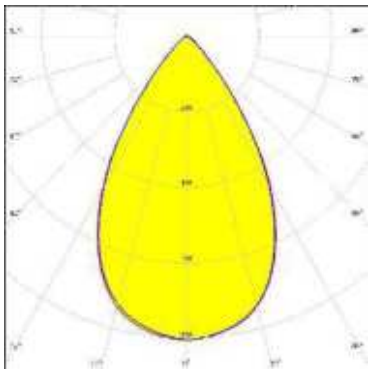
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.0° / 91.0 + 90.5°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17528_DAISY-4X1-SHD-MET





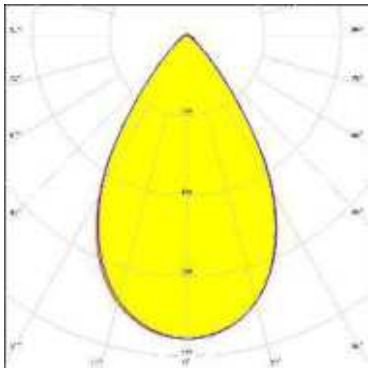
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	65.5 + 65.0° / 93.0 + 93.5°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT



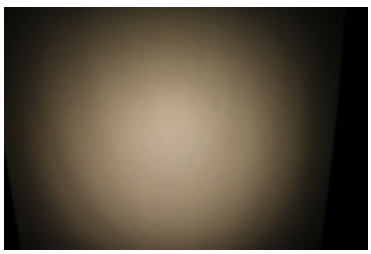


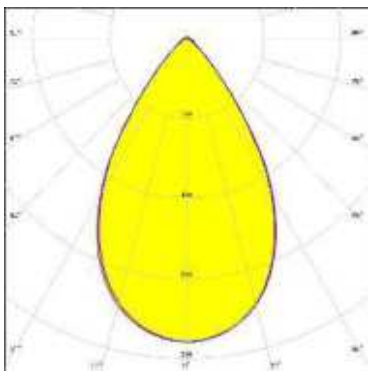
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	65.0° / 93.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT





Light distribution files

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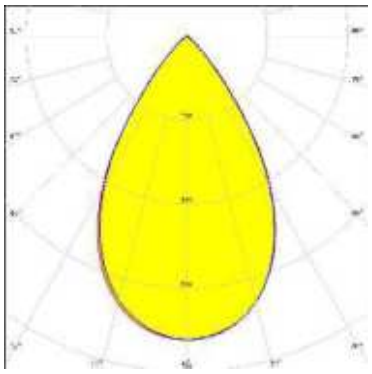
OPTICAL RESULTS (MEASURED):

MST

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.0° / 89.0 + 88.5°
Efficiency	77 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD



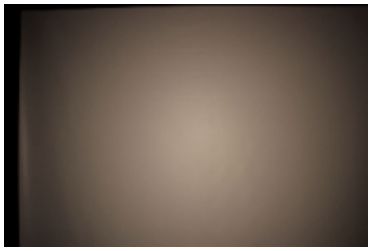


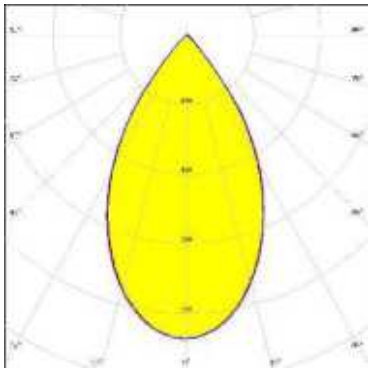
Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	60.0° / 84.0°
Efficiency	82 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD





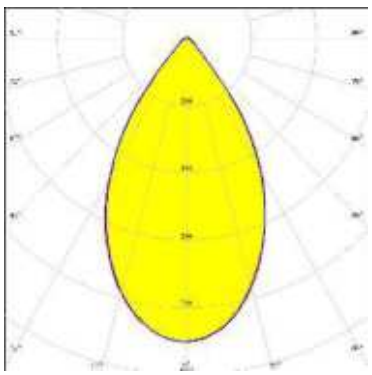
Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	61.0° / 86.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White

Required components:
C16784_DAISY-4X1-SHD-WHT





Light distribution files

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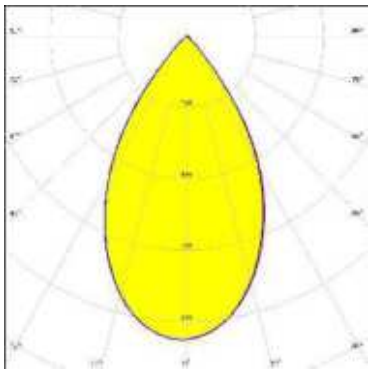
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	61.0° / 85.0°
Efficiency	82 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD





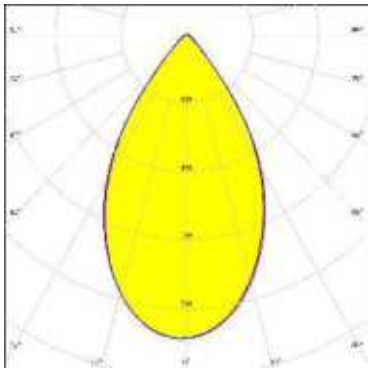
Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	62.0° / 87.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT





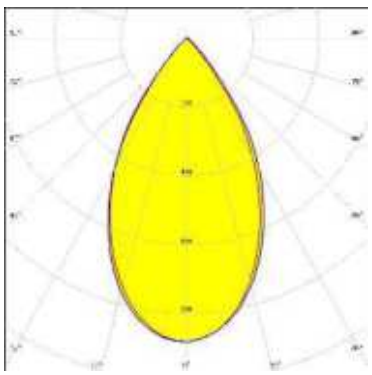
Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	59.0° / 85.0°
Efficiency	81 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT





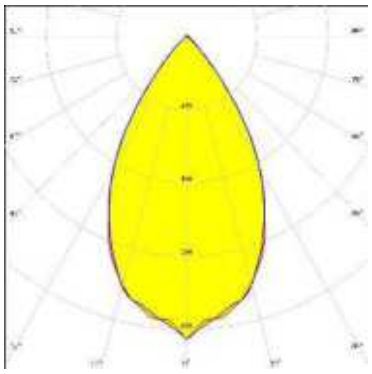
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OPTICAL RESULTS (SIMULATED):

SAMSUNG

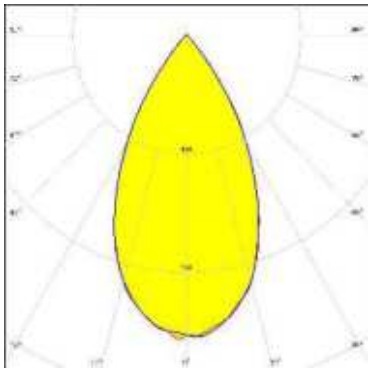
LED	LM28xB Series
FWHM / FWTM	60.0° / 86.0°
Efficiency	77 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	54.0° / 80.0°
Efficiency	80 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



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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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