DAISY-4X1-W

~50° wide beam. Choose SHD with wide lips or SHD2 with no lips and square openings. SHD3 with narrow lips and round openings.

SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
C16588_DAISY-4X1-W	Linear lens	PMMA	clear		
L20008_DAISY-4X1-SHD3-MET-MATT	Shade	PC-ABS	metal	matt	
L20007_DAISY-4X1-SHD3-MET	Shade	PC	metal	gloss	
L20006_DAISY-4X1-SHD3-WHT-MATT	Shade	PC	white	matt	
L20005_DAISY-4X1-SHD3-WHT	Shade	PC	white	gloss	
L20004_DAISY-4X1-SHD3-MATT	Shade	PC-ABS	black	matt	
L20003_DAISY-4X1-SHD3	Shade	PC	black	gloss	
C19075_DAISY-4X1-SHD2	Shade	PC	black	gloss	
C18414_DAISY-4X1-SHD-MET-MATT	Shade	PC	metal	matt	
C18412_DAISY-4X1-SHD2-MET	Shade	PC	metal	gloss	
C18411_DAISY-4X1-SHD2-MET-MATT	Shade	PC	metal	matt	
C18407_DAISY-4X1-SHD-MET	Shade	PC	metal	gloss	
C17423_DAISY-4X1-SHD2-WHT-MATT	Shade	PC	white	matt	
C17422_DAISY-4X1-SHD2-MATT	Shade	PC	black	matt	
C16784_DAISY-4X1-SHD-WHT	Shade	PC	white	gloss	
C16590_DAISY-4X1-SHD	Shade	PC	black	gloss	

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ORDERING INFORMATION:

Quantities for one set:

Linear lens	1
Shade	1

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16588_DAISY-4X1-W » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	6.3
C18414_DAISY-4X1-SHD-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
L20006_DAISY-4X1-SHD3-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0
C17423_DAISY-4X1-SHD2-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
C19075_DAISY-4X1-SHD2 » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.4
L20007_DAISY-4X1-SHD3-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0
C18407_DAISY-4X1-SHD-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
L20003_DAISY-4X1-SHD3 » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0
C16590_DAISY-4X1-SHD » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
L20008_DAISY-4X1-SHD3-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	3.8
C18411_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7
L20004_DAISY-4X1-SHD3-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	3.8
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	5.2
C18412_DAISY-4X1-SHD2-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	
L20005_DAISY-4X1-SHD3-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0
C17422_DAISY-4X1-SHD2-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7

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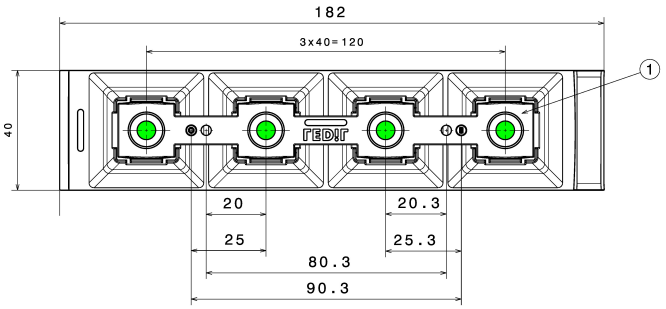
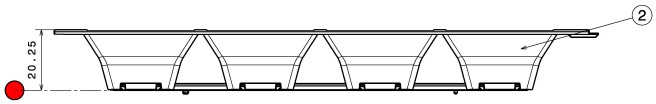
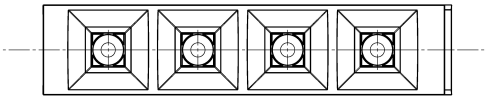
DATE 24.10.2024







Top view
Scale: 3:4

CN16606_DAISY-4X1-W

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16588_DAISY-4X1-W	LENS	PMMA	CLEAR
2	1	SHD	SHADE		
		C16590_DAISY-4X1-SHD	SHADE	PC/ABS	BLACK/GLOSS
		C16784_DAISY-4X1-SHD-WHT	SHADE	PC	WHITE/GLOSS
		C18407_DAISY-4X1-SHD-MET	SHADE	PC	METAL/GLOSS
		C18414_DAISY-4X1-SHD-MET-MATT	SHADE	PC	METAL/MATT

MECHANICAL DRAWING

PRODUCT DAISY-4X1

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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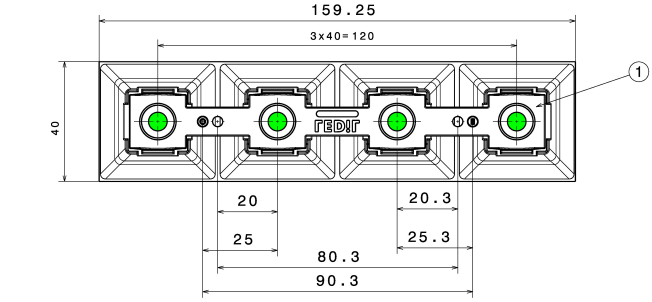
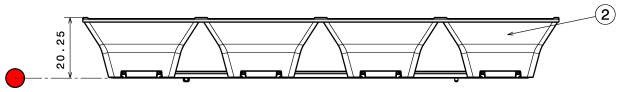
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/3

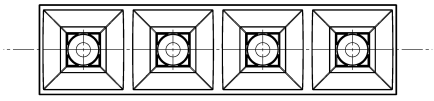
Notes

- PCB or heatsink level.
- LED location
- Ensure LED fitting from a product specific 3D model available from www.ledil.com
- For more details about installation please see LEDiL Installation Guide on www.ledil.com

DATE 24.10.2024







Top view
Scale: 3:4

CN16606_DAISY-4X1-W

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16588_DAISY-4X1-W	LENS	PMMA	CLEAR
2	1	SHD2	SHADE		
		C19075_DAISY-4X1-SHD2	SHADE	PC/ABS	BLACK/GLOSS
		C18412_DAISY-4X1-SHD2-MET	SHADE	PC	METAL/GLOSS
		C18411_DAISY-4X1-SHD2-MET-MATT	SHADE	PC	METAL/MATT
		C17423_DAISY-4X1-SHD2-WHT-MATT	SHADE	PC	WHITE/MATT
		C17422_DAISY-4X1-SHD2-MATT	SHADE	PC/ABS	BLACK/MATT

MECHANICAL DRAWING

PRODUCT DAISY-4X1

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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SCALE 1:1 | WEIGHT - | A3 | SHEET 2/3

Notes

- PCB or heatsink level.
- LED location
- Ensure LED fitting from a product specific 3D model available from www.ledil.com
- For more details about installation please see LEDiL Installation Guide on www.ledil.com

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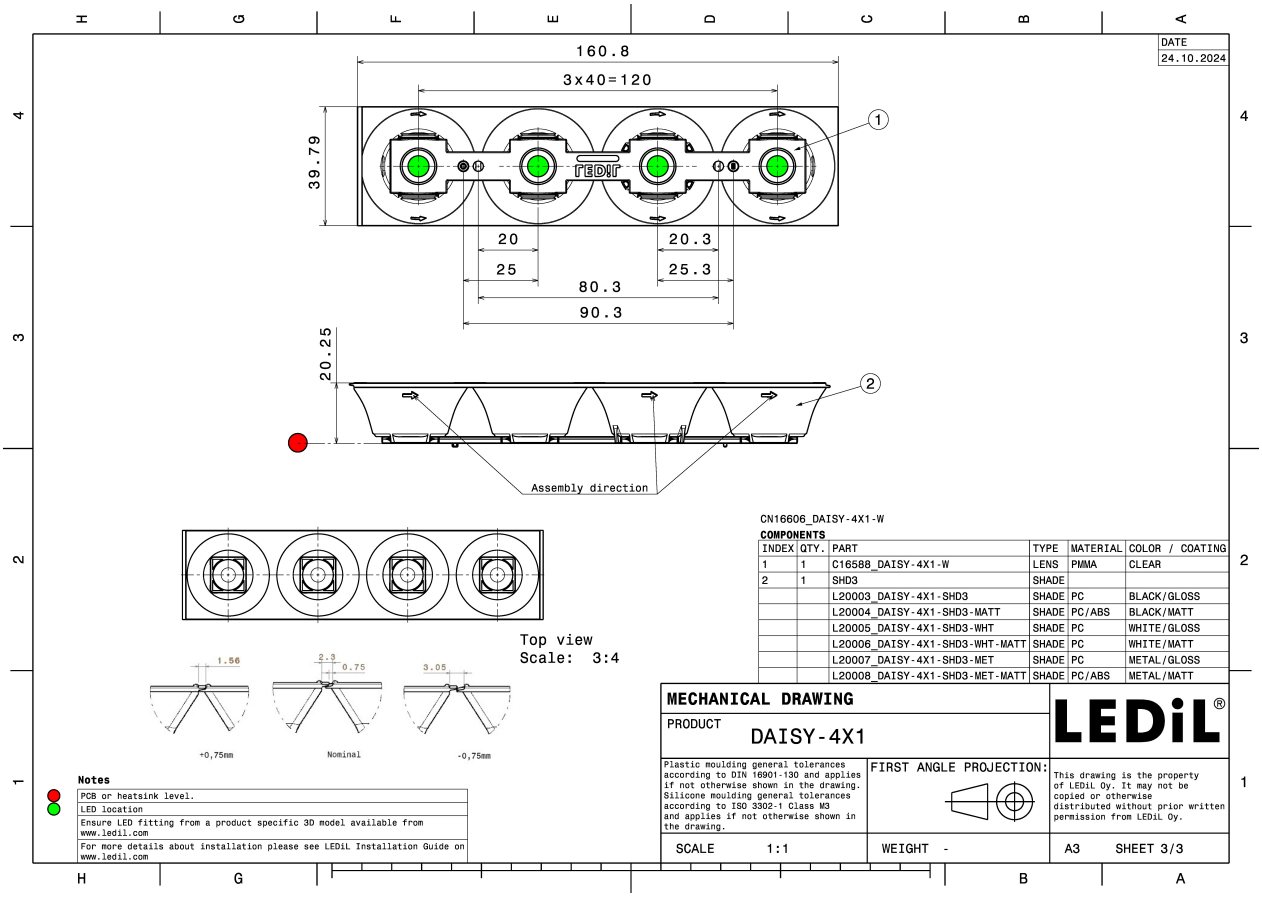

See also our general installation guide: www.ledil.com/installation_guide

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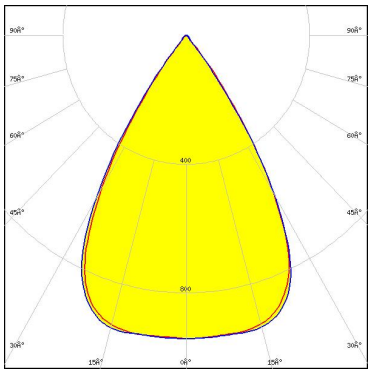
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	64.0° / 78.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:

C17423_DAISY-4X1-SHD2-WHT-MATT



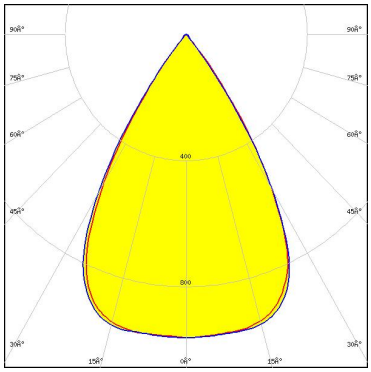
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.0° / 78.0°
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:

C17535_DAISY-4X1-SHD2-MET-MATT



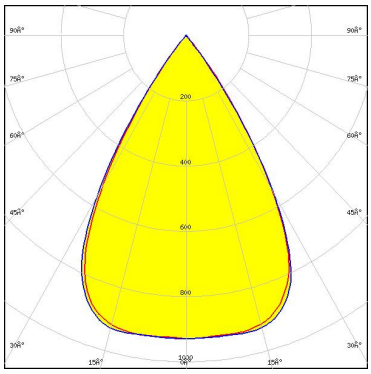
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.0° / 77.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:

C16590_DAISY-4X1-SHD



Light distribution files

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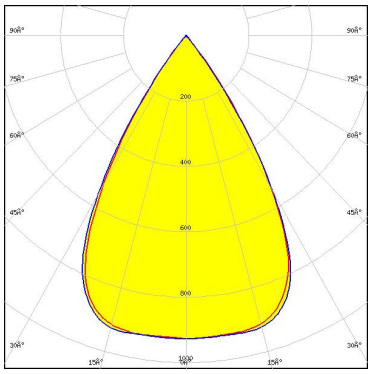
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.0° / 77.5°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT

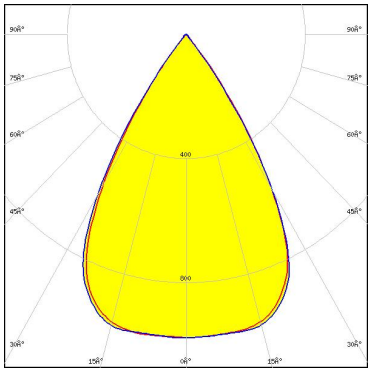


Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	63.0° / 78.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17528_DAISY-4X1-SHD-MET

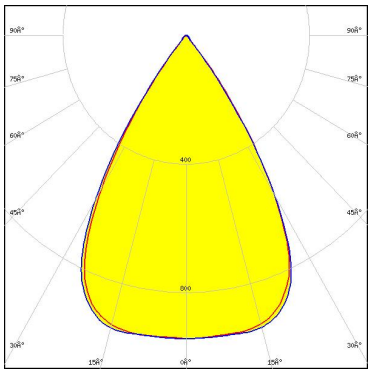


Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	64.0° / 78.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT



Light distribution files

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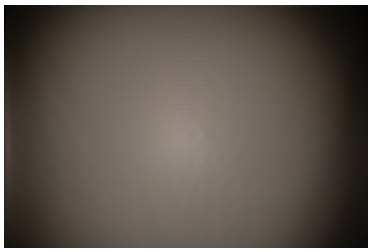
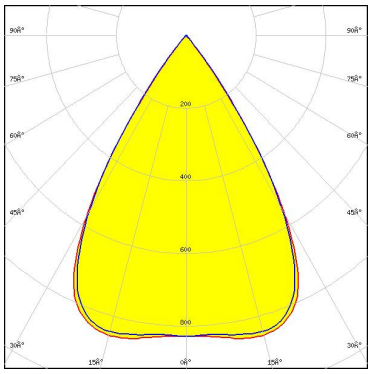
OPTICAL RESULTS (MEASURED):

inventronics

LED	PL-LIN-1000 140x24mm
FWHM / FWTM	65.0° / 78.0°
Efficiency	87 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT



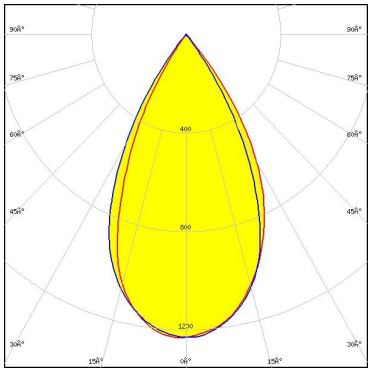


Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x200lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	54.0° / 74.0°
Efficiency	90 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD

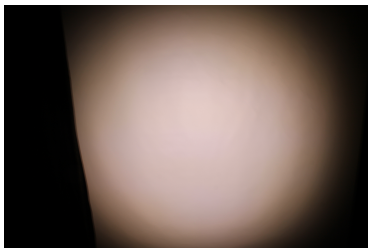


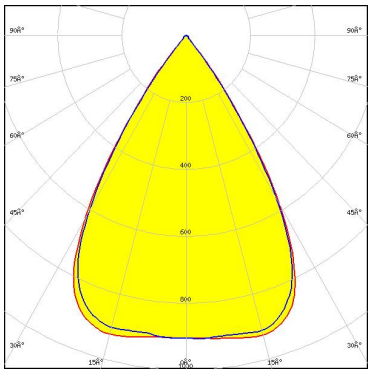
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	64.5° / 79.0 + 78.5°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17528_DAISY-4X1-SHD-MET





Light distribution files

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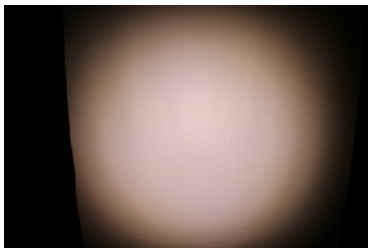
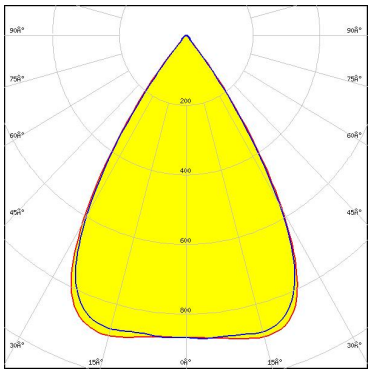
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 80.0 + 78.5°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16784_DAISY-4X1-SHD-WHT



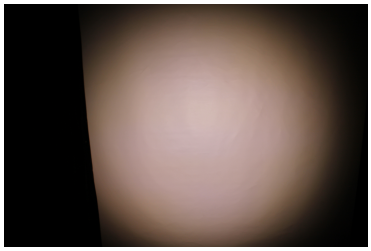


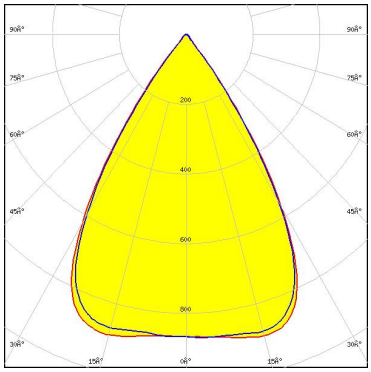
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 80.0 + 78.5°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

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



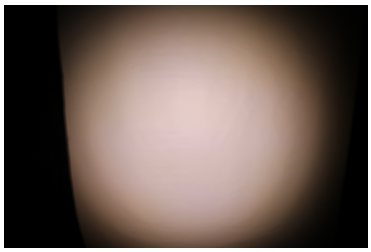


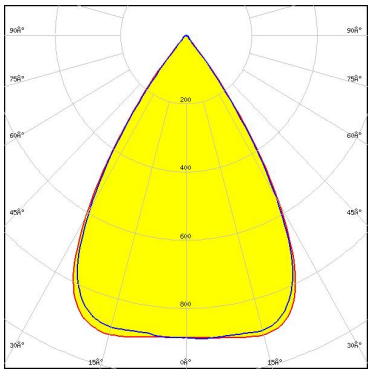
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 80.0 + 78.5°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

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





Light distribution files

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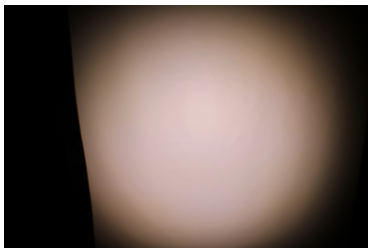
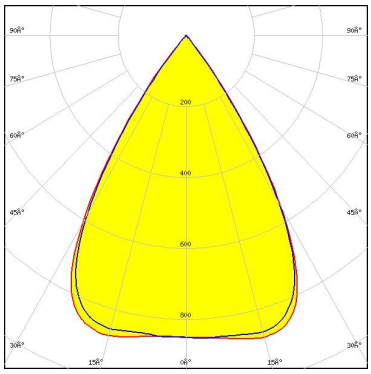
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 79.0 + 78.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD



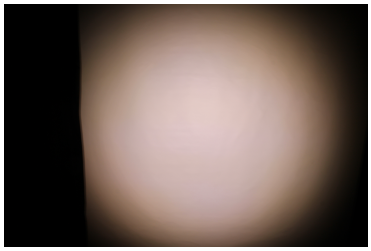


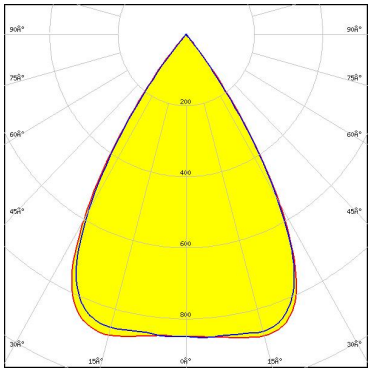
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 79.0 + 78.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17422_DAISY-4X1-SHD2-MATT



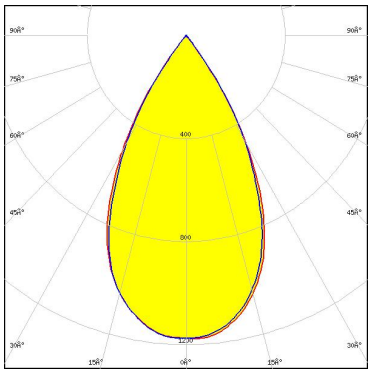


Light distribution files

MST Your solutions

LED	LinLED 156x28mm 400lm 8x0 2C 12V Opt G1
FWHM / FWTM	56.0° / 75.0°
Efficiency	90 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD



Light distribution files

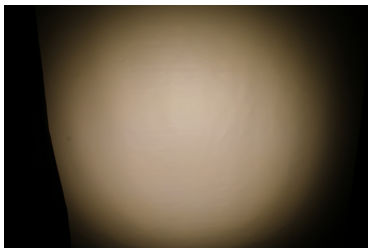
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

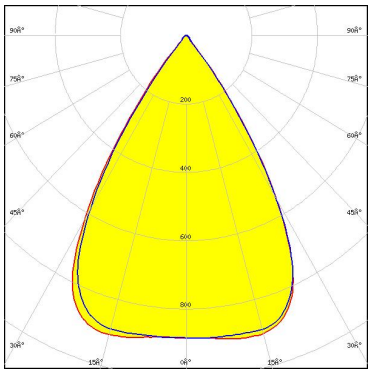
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 79.5 + 78.5°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

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



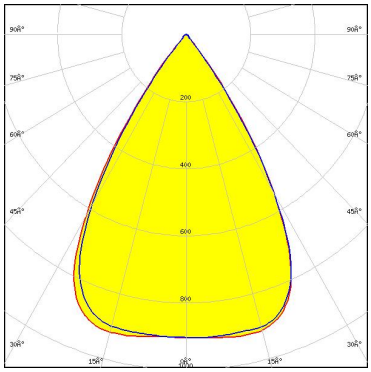


Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.5 + 64.0° / 79.0 + 78.5°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17537_DAISY-28X1-SHD-MET-MATT

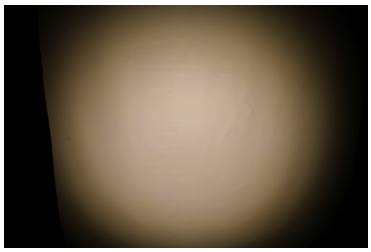


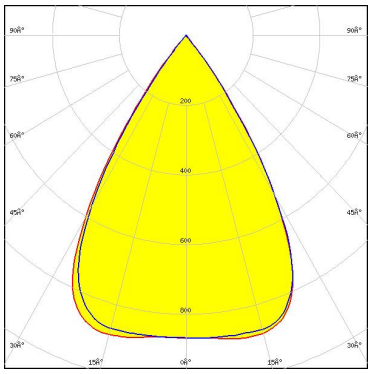
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.0° / 79.0 + 77.5°
Efficiency	87 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT





Light distribution files

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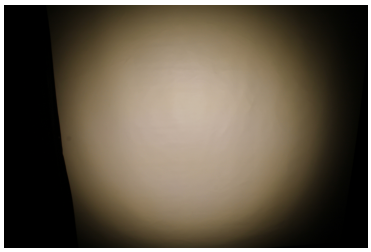
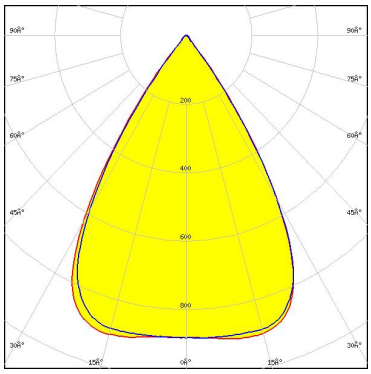
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	65.0 + 64.5° / 80.0 + 78.5°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT



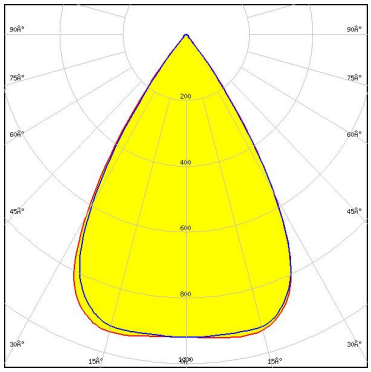


Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.0 + 63.5° / 79.0 + 77.5°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17528_DAISY-4X1-SHD-MET

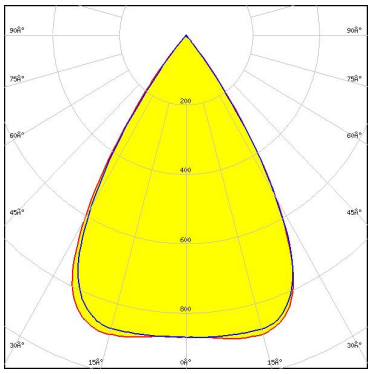


Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	64.5° / 79.0 + 77.5°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD



Light distribution files

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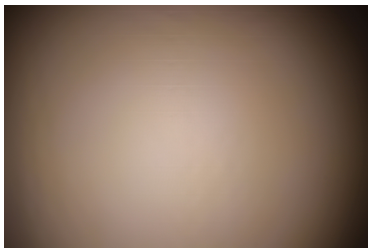
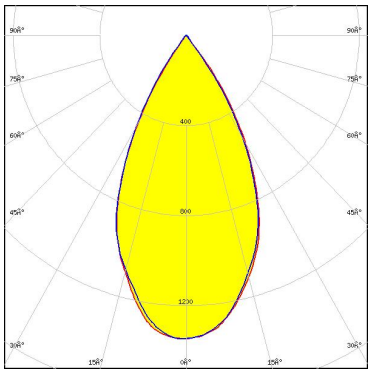
OPTICAL RESULTS (MEASURED):

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	53.0° / 74.0°
Efficiency	96 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White

Required components:
C16784_DAISY-4X1-SHD-WHT



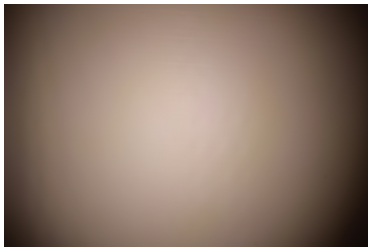


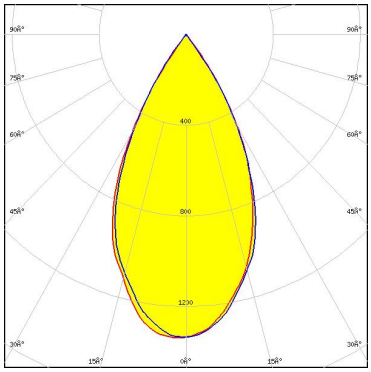
Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	53.0° / 73.0°
Efficiency	91 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD



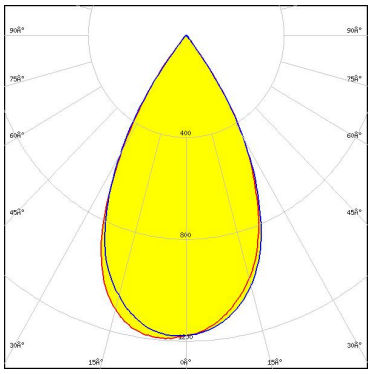


Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	56.0° / 75.0°
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT



Light distribution files

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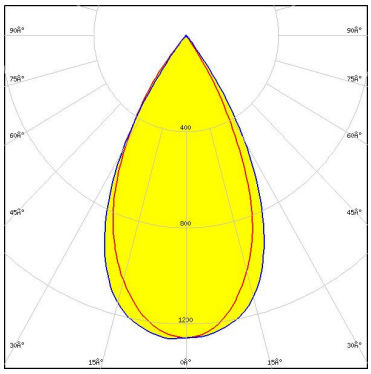
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	54.0° / 73.0°
Efficiency	91 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT

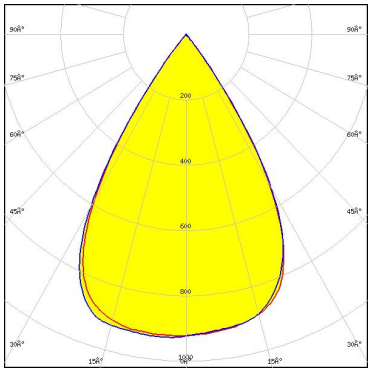


Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	64.0° / 77.0°
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD

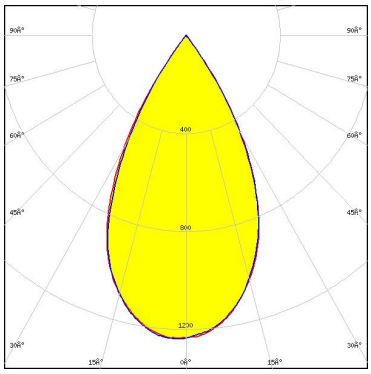


Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	55.0° / 73.0°
Efficiency	91 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD



Light distribution files

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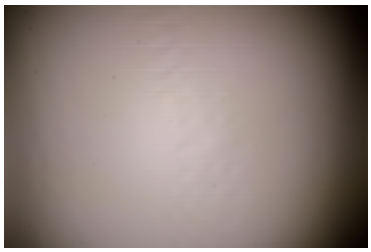
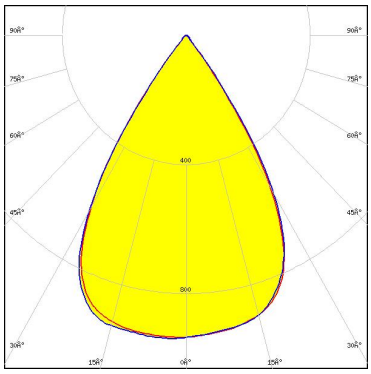
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	64.0° / 78.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT



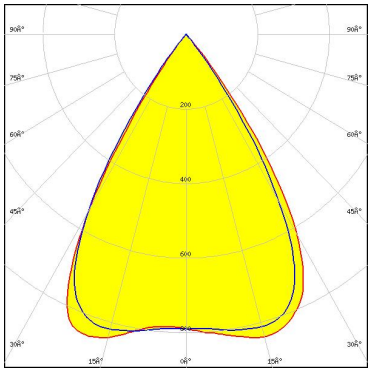


Light distribution files

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030
FWHM / FWTM	65.0° / 78.0°
Efficiency	86 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD

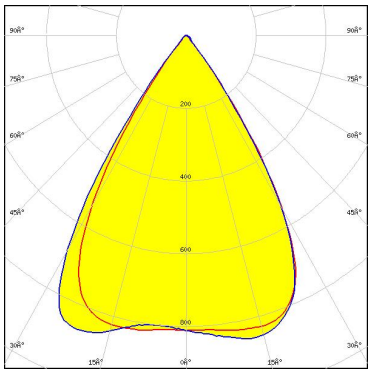


Light distribution files

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030
FWHM / FWTM	66.0° / 79.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16784_DAISY-4X1-SHD-WHT



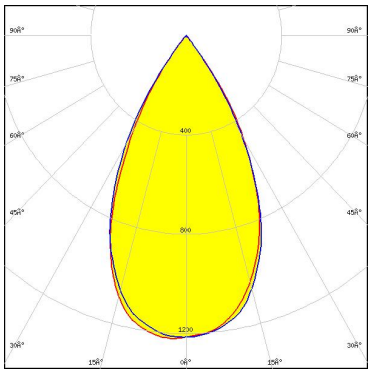
Light distribution files

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

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

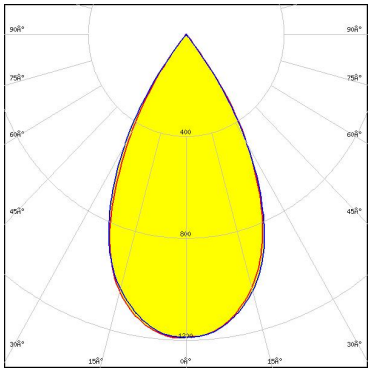
LED	SEOUL DC 3528
FWHM / FWTM	54.0° / 74.0°
Efficiency	90 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

SEOUL SEMICONDUCTOR

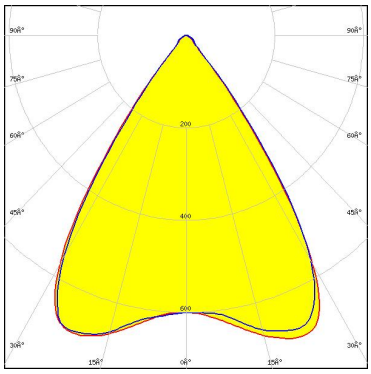
LED	SEOUL DC 3528
FWHM / FWTM	56.0° / 75.0°
Efficiency	90 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	69.0° / 83.0°
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	



Light distribution files

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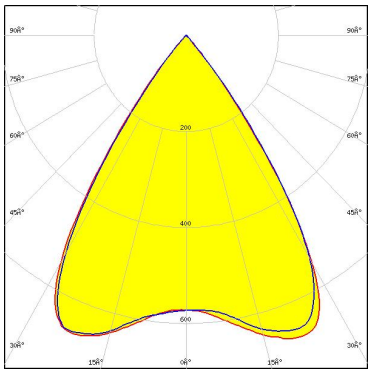
OPTICAL RESULTS (MEASURED):

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	69.0° / 81.0°
Efficiency	82 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD

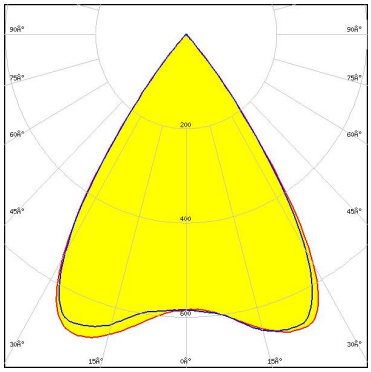


Light distribution files

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	69.0° / 81.0 + 82.0°
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT

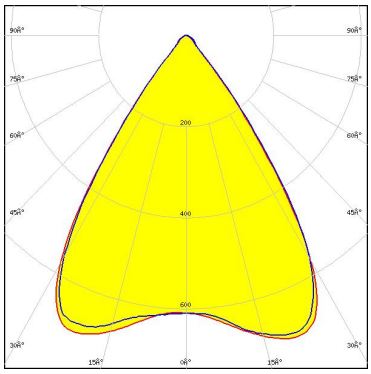


Light distribution files

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	69.0° / 84.0°
Efficiency	91 %
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

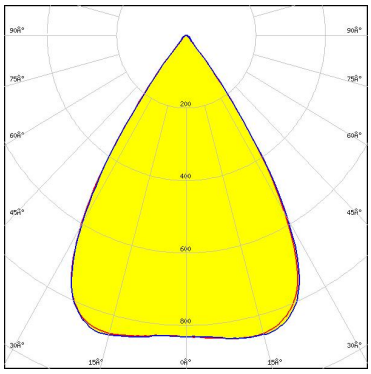
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	LLE 24x140mm 400lm 827-865 LVD ADV1
FWHM / FWTM	66.0° / 80.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT

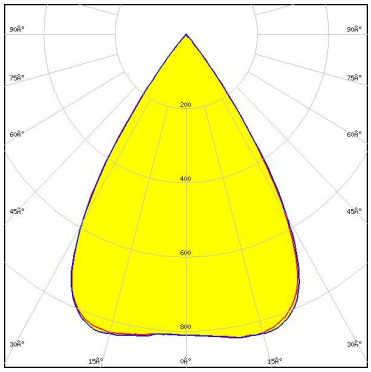


Light distribution files

TRIDONIC

LED	LLE 24x140mm 400lm 827-865 LVD ADV1
FWHM / FWTM	66.0° / 79.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD

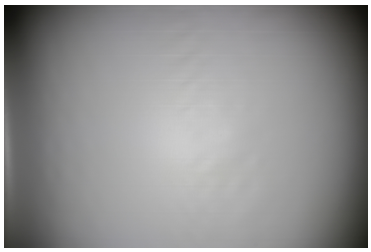


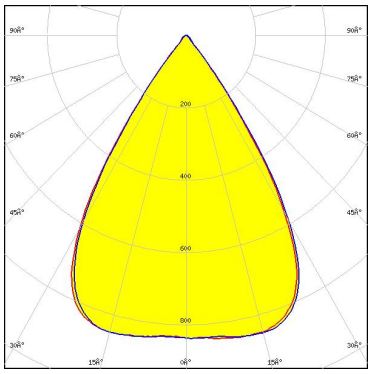
Light distribution files

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	66.0° / 80.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT





Light distribution files

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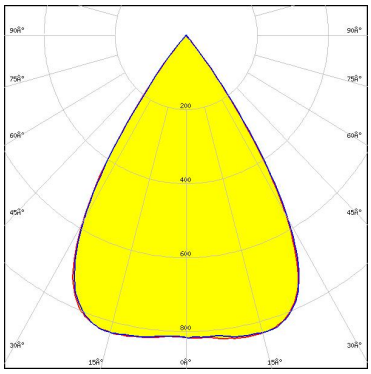
OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	66.0° / 79.0°
Efficiency	88 %
Peak intensity	0.8 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD

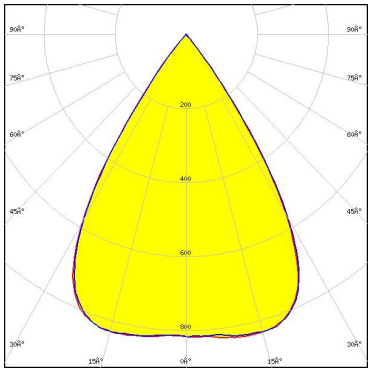


Light distribution files

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	66.0° / 79.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD



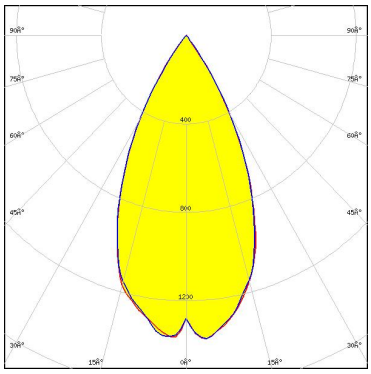
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

CREE LEDs

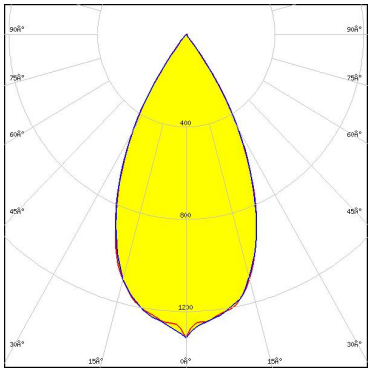
LED	J Series 2835
FWHM / FWTM	50.0° / 72.0°
Efficiency	88 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



Light distribution files

CREE LEDs

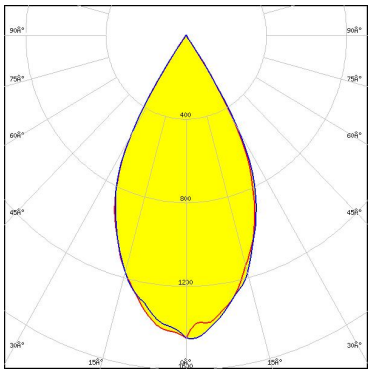
LED	J Series 5050 Round LES
FWHM / FWTM	52.0° / 74.0°
Efficiency	89 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	54.0° / 69.0°
Efficiency	92 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

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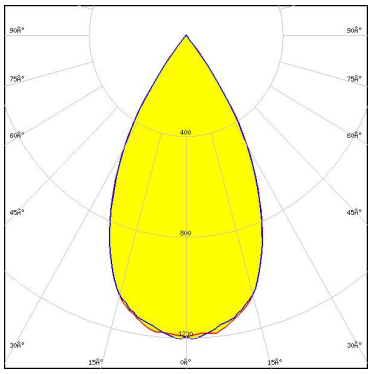
OPTICAL RESULTS (SIMULATED):

NICHIA

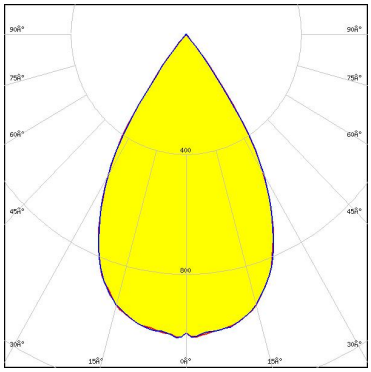
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	56.0° / 76.0°
Efficiency	91 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

NICHIA

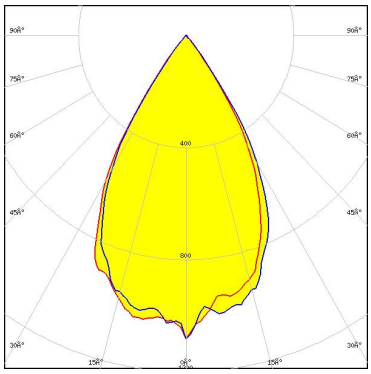
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	62.0° / 78.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

NICHIA

LED	NF2x757G
FWHM / FWTM	60.0° / 77.0°
Efficiency	90 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

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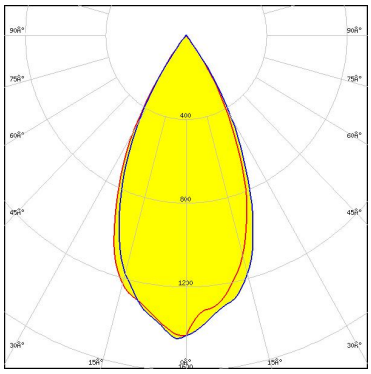
OPTICAL RESULTS (SIMULATED):

NICHIA

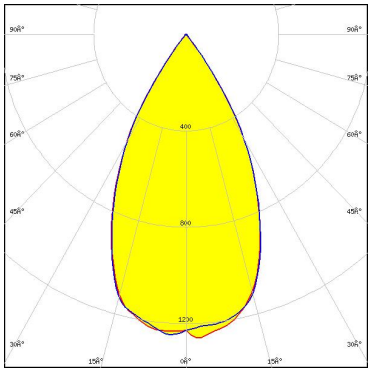
LED	NF2x757G
FWHM / FWTM	50.0° / 72.0°
Efficiency	92 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

OSRAM
Opto Semiconductors

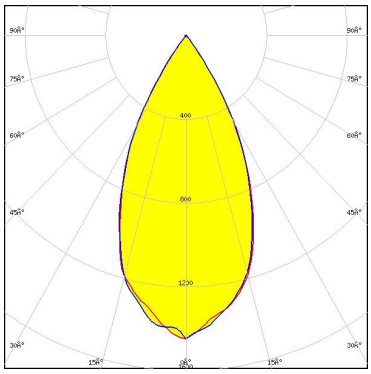
LED	Duris E 2835
FWHM / FWTM	54.0° / 76.0°
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	50.0° / 72.0°
Efficiency	94 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

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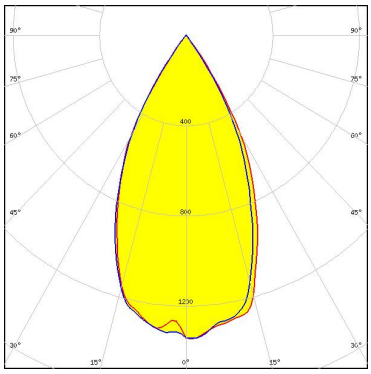
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

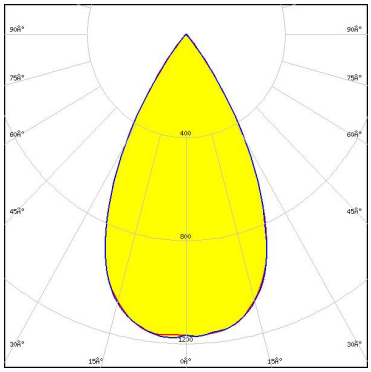
LED	Duris S8
FWHM / FWTM	52.0° / 73.0°
Efficiency	91 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	



Light distribution files

OSRAM
Opto Semiconductors

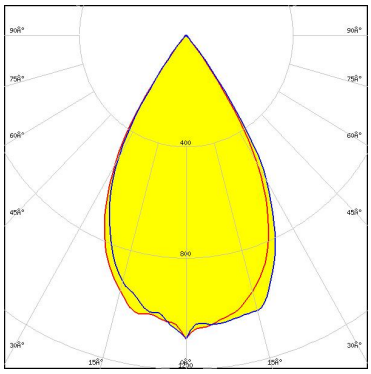
LED	Duris S8
FWHM / FWTM	56.0° / 76.0°
Efficiency	92 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	60.0° / 77.0°
Efficiency	92 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C18412_DAISY-4X1-SHD2-MET	



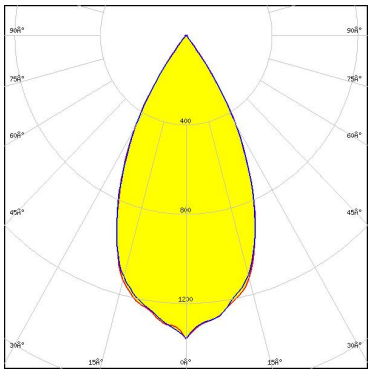
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

SAMSUNG

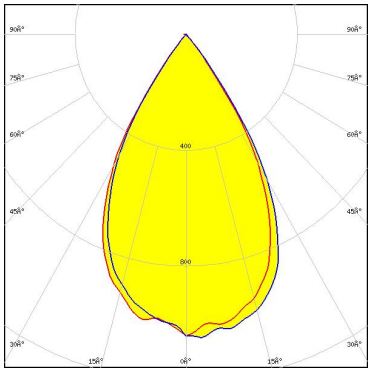
LED	LM28xB Series
FWHM / FWTM	52.0° / 74.0°
Efficiency	91 %
Peak intensity	1.4 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



Light distribution files

SAMSUNG

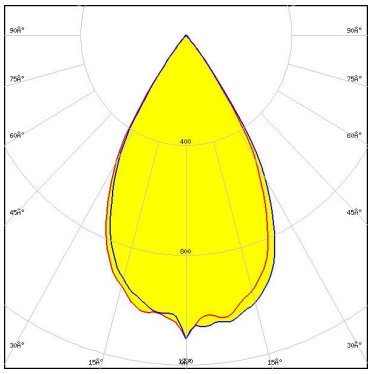
LED	LM28xB Series
FWHM / FWTM	60.0° / 77.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	59.0° / 77.0°
Efficiency	92 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C18411_DAISY-4X1-SHD2-MET-MATT	



Light distribution files

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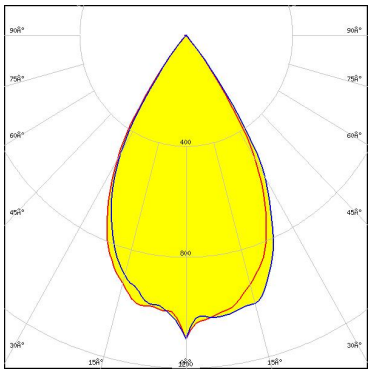
OPTICAL RESULTS (SIMULATED):

SAMSUNG

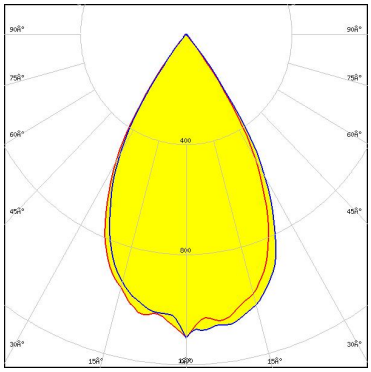
LED	LM28xB Series
FWHM / FWTM	59.0° / 77.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C19075_DAISY-4X1-SHD2	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	60.0° / 77.0°
Efficiency	93 %
Peak intensity	1.1 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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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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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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