DAISY-4X1-WW

~80° 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)
DAISY-4X1-WW	Linear lens	PMMA	clear		
DAISY-4X1-SHD3-MET-MATT	Shade	PC-ABS	metal	matt	
DAISY-4X1-SHD3-MET	Shade	PC	metal	gloss	
DAISY-4X1-SHD3-WHT	Shade	PC	white	gloss	
DAISY-4X1-SHD3-MATT	Shade	PC-ABS	black	matt	
DAISY-4X1-SHD3	Shade	PC	black	gloss	
DAISY-4X1-SHD2	Shade	PC	black	gloss	
DAISY-4X1-SHD-MET-MATT	Shade	PC	metal	matt	
DAISY-4X1-SHD2-MET	Shade	PC	metal	gloss	
DAISY-4X1-SHD2-MET-MATT	Shade	PC	metal	matt	
DAISY-4X1-SHD-MET	Shade	PC	metal	gloss	
DAISY-4X1-SHD2-WHT-MATT	Shade	PC	white	matt	
DAISY-4X1-SHD2-MATT	Shade	PC	black	matt	
DAISY-4X1-SHD-WHT	Shade	PC	white	gloss	
DAISY-4X1-SHD	Shade	PC	black	gloss	

ORDERING INFORMATION:

Quantities for one set:

Linear lens   1

Shade   1

| Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16584_DAISY-4X1-WW » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	5.6
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
C18414_DAISY-4X1-SHD-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
L20007_DAISY-4X1-SHD3-MET » 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
L20008_DAISY-4X1-SHD3-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	3.8
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
C18411_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7

SHEET 1/3

DATE 24.10.2024

182
3x40=120
40
20
20.3
25
25.3
80.3
90.3

20.25

Top view
Scale: 3:4

CN16604_DAISY-4X1-WW

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16584_DAISY-4X1-WW	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**

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:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

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

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SHEET 2/3

DATE 24.10.2024

159.25
3x40=120
40
20
20.3
25
25.3
80.3
90.3

20.25

Top view
Scale: 3:4

CN16604_DAISY-4X1-WW

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16584_DAISY-4X1-WW	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**

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:

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

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

Assembly direction

Top view
Scale: 3:4

+0,75mm   Nominal   -0,75mm

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

CN16604_DAISY-4X1-WW

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16584_DAISY-4X1-WW	LENS	PMMA	CLEAR
2	1	SHD3	SHADE		
		L20003_DAISY-4X1-SHD3	SHADE	PC	BLACK/GLOSS
		L20004_DAISY-4X1-SHD3-MATT	SHADE	PC/ABS	BLACK/MATT
		L20005_DAISY-4X1-SHD3-WHT	SHADE	PC	WHITE/GLOSS
		L20006_DAISY-4X1-SHD3-WHT-MATT	SHADE	PC	WHITE/MATT
		L20007_DAISY-4X1-SHD3-MET	SHADE	PC	METAL/GLOSS
		L20008_DAISY-4X1-SHD3-MET-MATT	SHADE	PC/ABS	METAL/MATT

MECHANICAL DRAWING

PRODUCT   **DAISY-4X1**

FIRST ANGLE PROJECTION:

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.

This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

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

DATE
24.10.2024

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

OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
 C16590_DAISY-4X1-SHD

Light distribution files

AUDAX ELECTRONICS
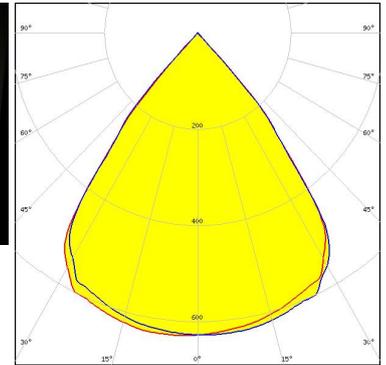
|	
LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
  C17422_DAISY-4X1-SHD2-MATT

Light distribution files

AUDAX ELECTRONICS
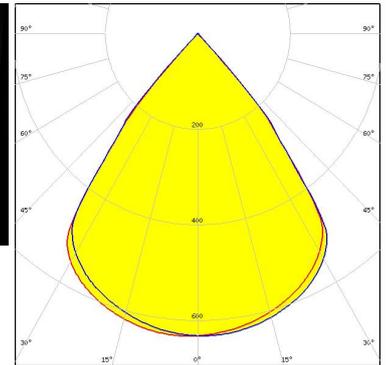
LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	74.0° / 87.0°
Efficiency	96 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
  C17528_DAISY-4X1-SHD-MET

Light distribution files

OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.5°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
    C16784_DAISY-4X1-SHD-WHT

Light distribution files

AUDAX ELECTRONICS
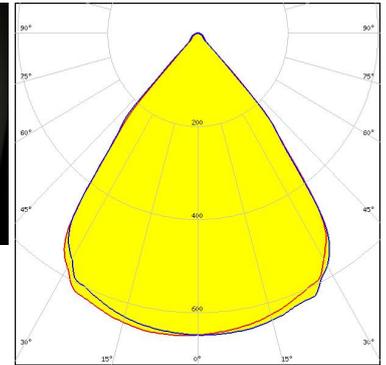
LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	76.0° / 87.5°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

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

Light distribution files

AUDAX ELECTRONICS
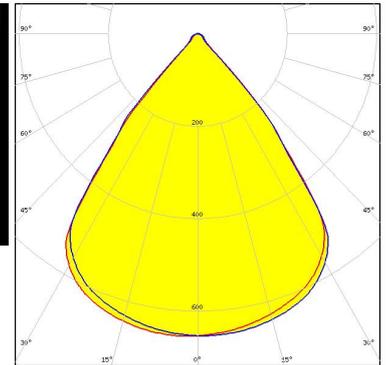
LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	75.0° / 87.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

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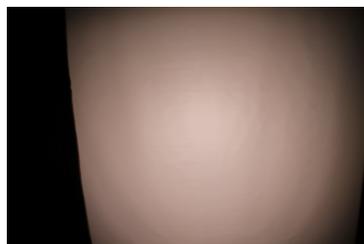   C17535_DAISY-4X1-SHD2-MET-MATT

Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs
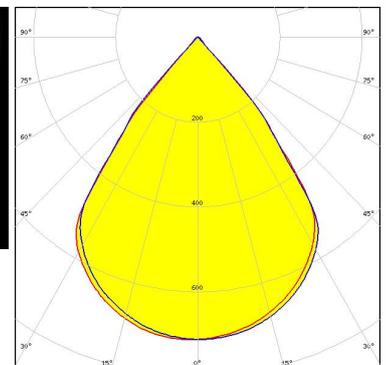
LED	J Series 2835
FWHM / FWTM	77.0° / 86.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
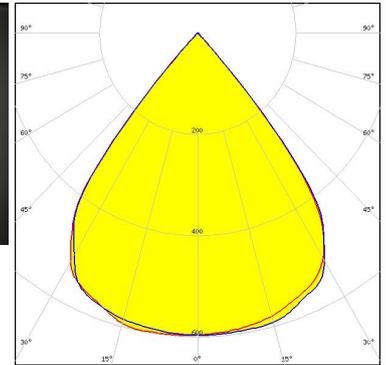
Light distribution files

inventronics

LED	PL-LIN-1000 140x24mm
FWHM / FWTM	75.0° / 89.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
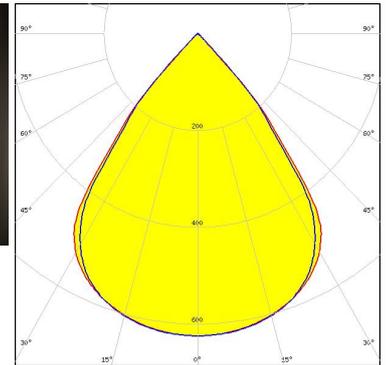
Light distribution files

LUMILEDS

LED	LUXEON 2835 Architectural
FWHM / FWTM	78.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
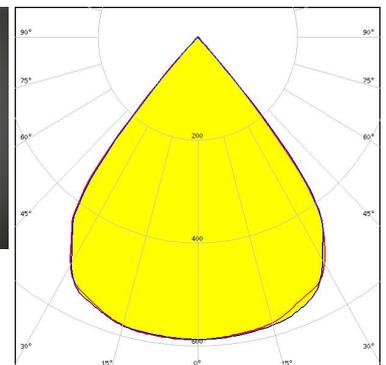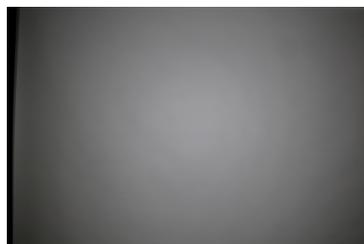
Light distribution files

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

LED	LinLED 156x28mm 2x200lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	77.0° / 85.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	
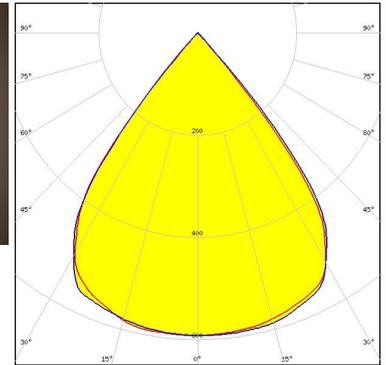
Light distribution files

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.0 + 76.5° / 87.5°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	
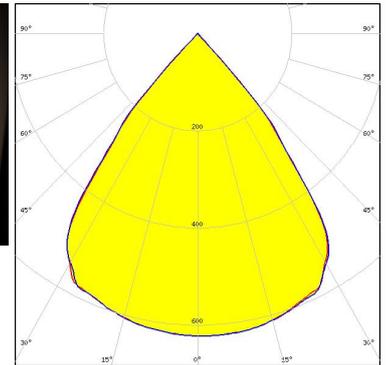
Light distribution files

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.0 + 76.5° / 87.5°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
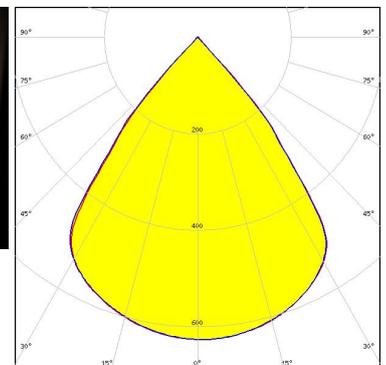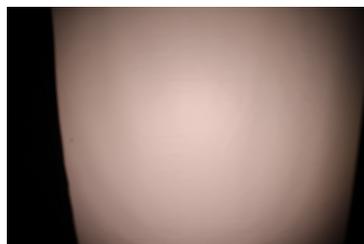
Light distribution files
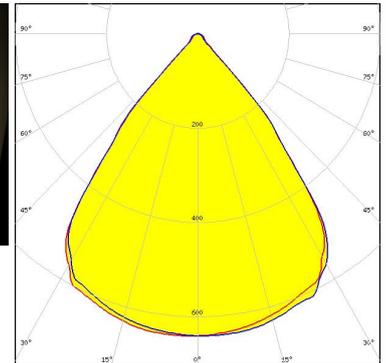
OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	75.5° / 88.0 + 87.5°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C17535_DAISY-4X1-SHD2-MET-MATT	
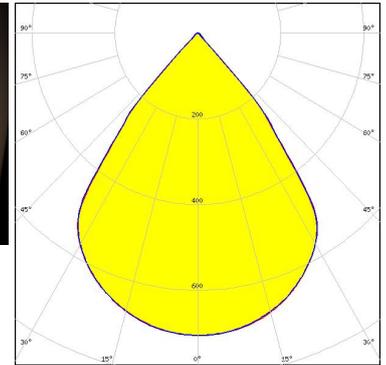
Light distribution files

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	74.5 + 75.5° / 87.5°
Efficiency	95 %
Peak intensity	0.7 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 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.5 + 77.0° / 88.5°
Efficiency	95 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

Light distribution files

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.5 + 77.0° / 88.5°
Efficiency	95 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	

Light distribution files

MST | *Your solutions*

LED	LinLED 156x28mm 400lm 8x0 2C 12V Opt G1
FWHM / FWTM	77.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
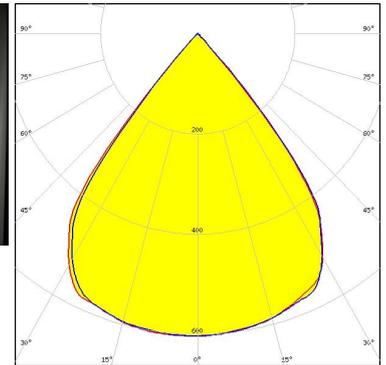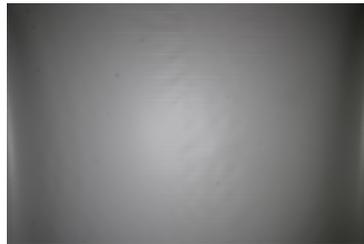
Light distribution files

MST | *Your solutions*

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	75.5 + 76.0° / 87.5°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	

Light distribution files

LEDiL®
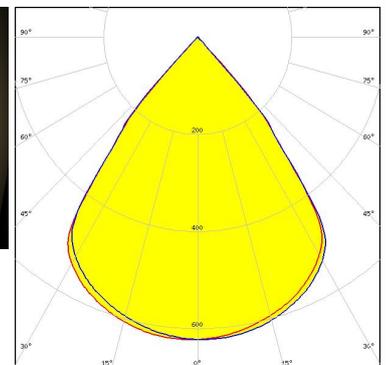
OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	74.5° / 87.5 + 87.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17528_DAISY-4X1-SHD-MET	
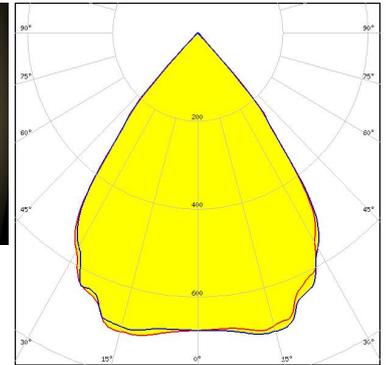
Light distribution files

MST | *Your solutions*

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	76.5° / 88.5 + 88.0°
Efficiency	94 %
Peak intensity	0.6 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	76.0 + 76.5° / 88.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	
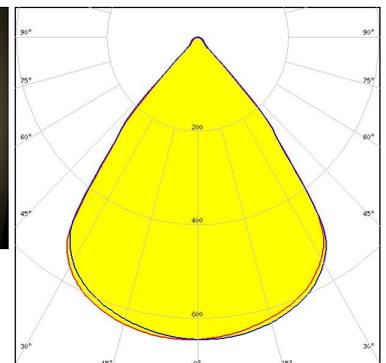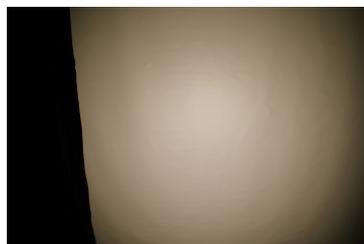
Light distribution files

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	74.5° / 87.5°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17535_DAISY-4X1-SHD2-MET-MATT	
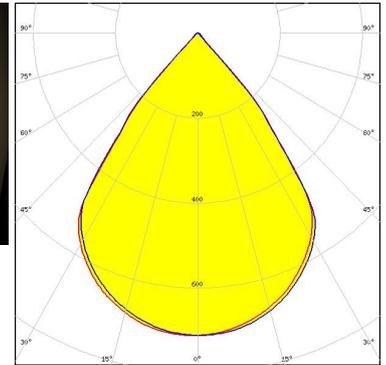
Light distribution files

MST | *Your solutions*

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	76.0 + 75.5° / 87.5 + 87.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
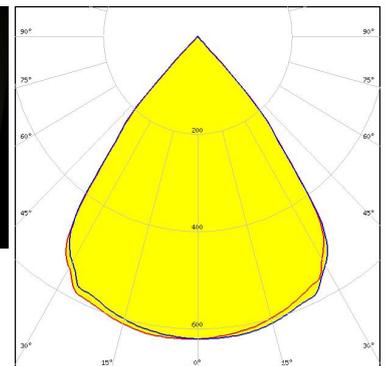
Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	79.0° / 86.0°
Efficiency	96 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA
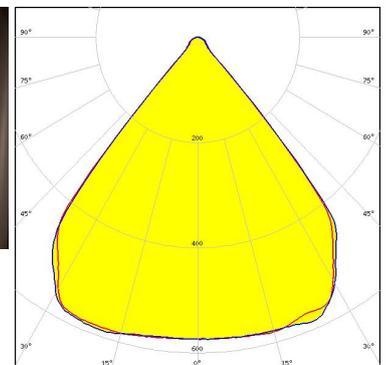
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	79.0° / 85.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

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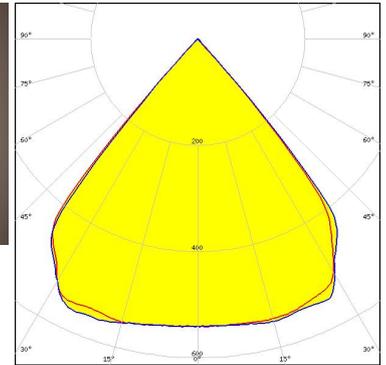
LED	LM28xB Series
FWHM / FWTM	77.0° / 87.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

Light distribution files

SAMSUNG
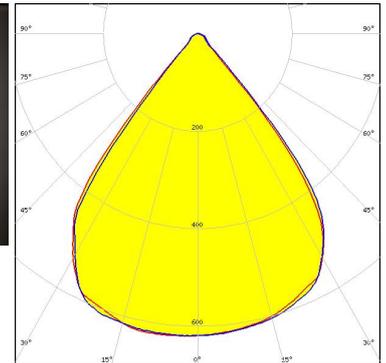
LED	LM28xB Series
FWHM / FWTM	75.0° / 88.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
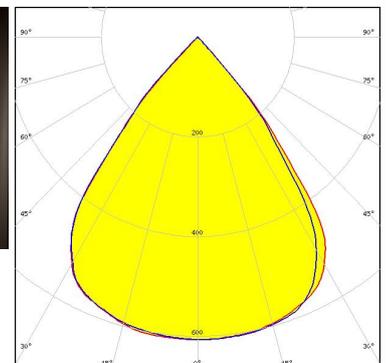
Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	78.0° / 86.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
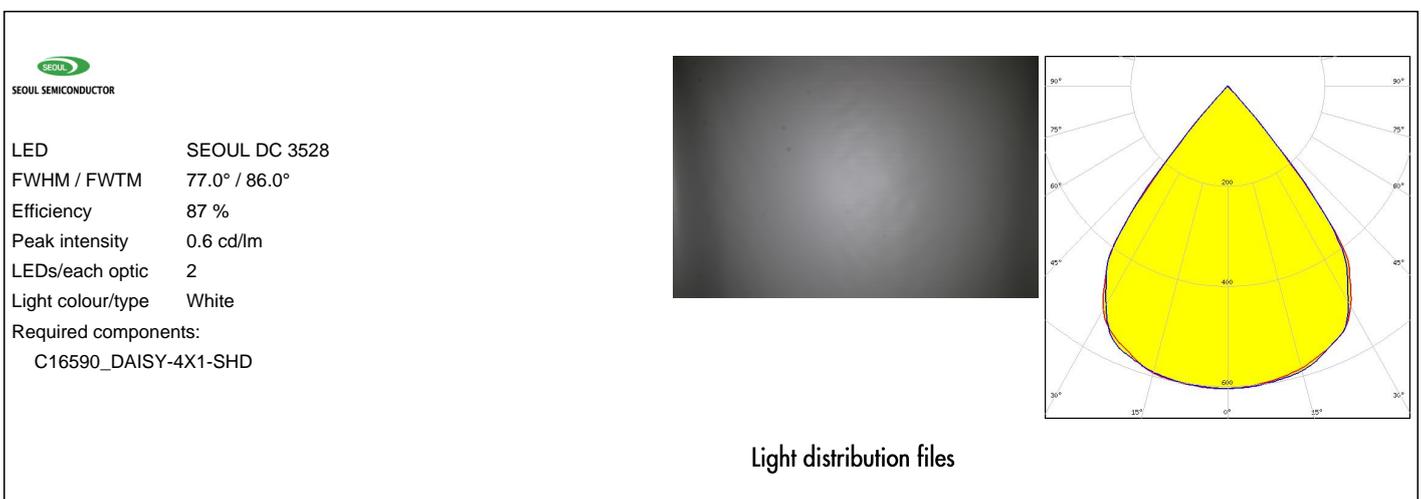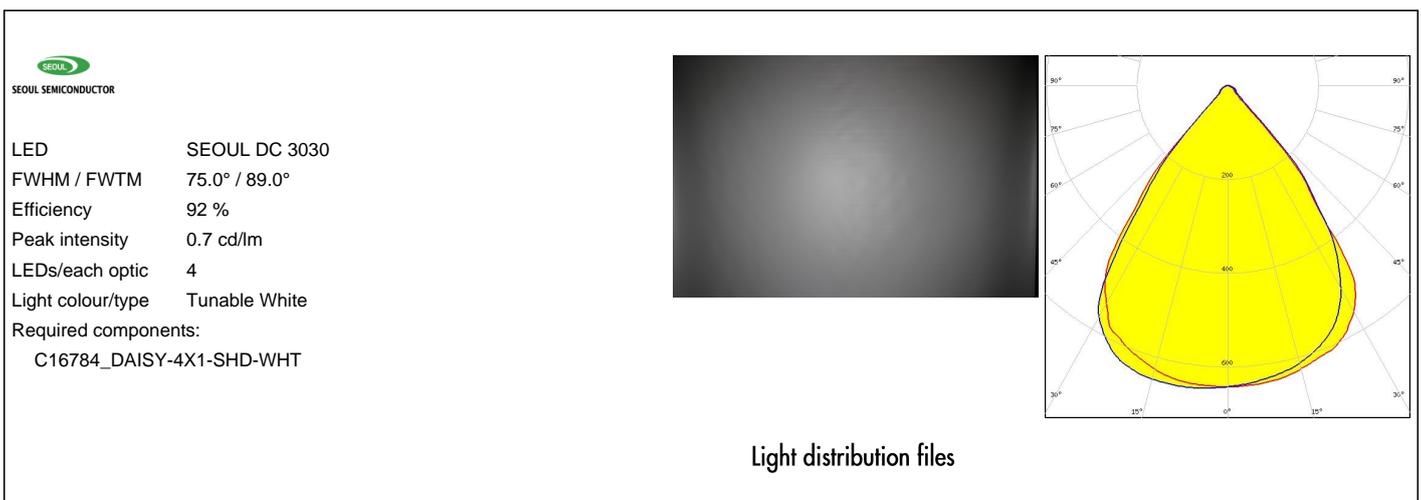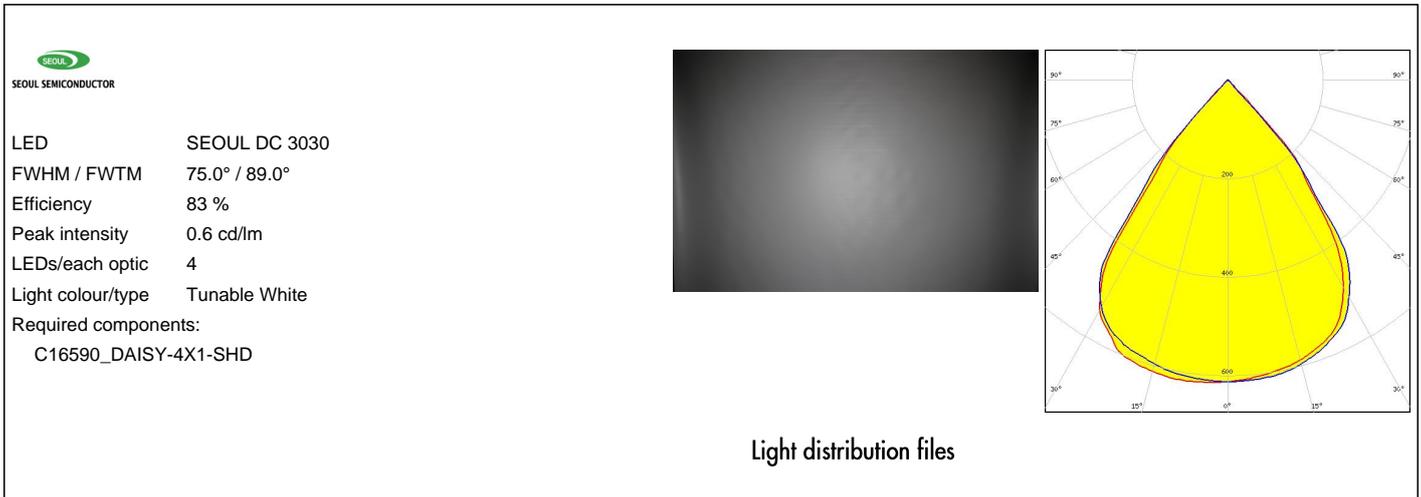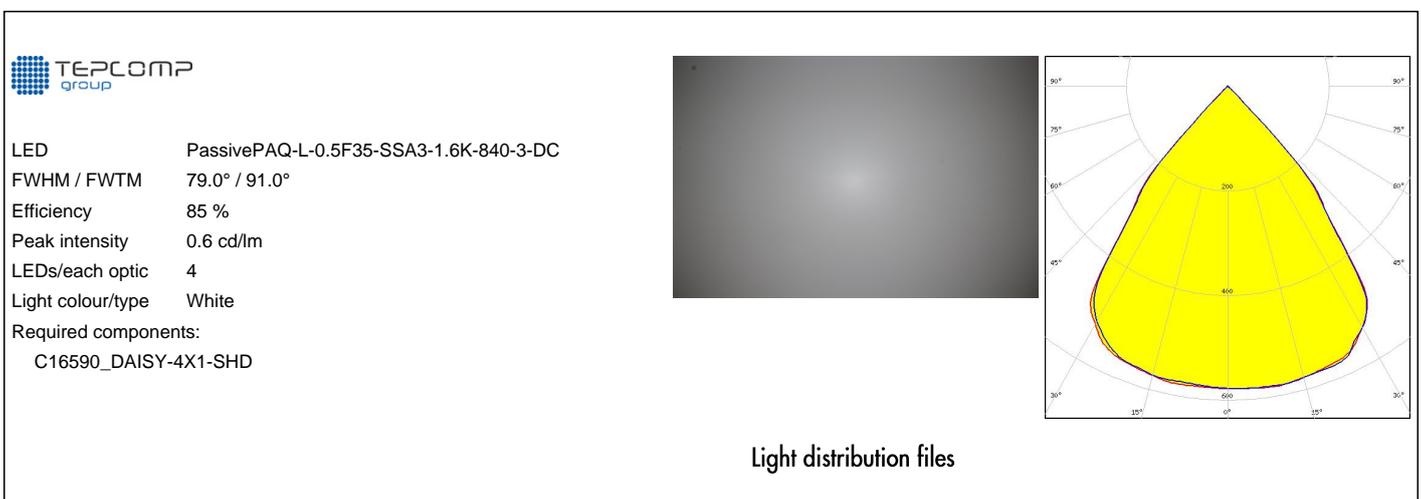 C16590_DAISY-4X1-SHD
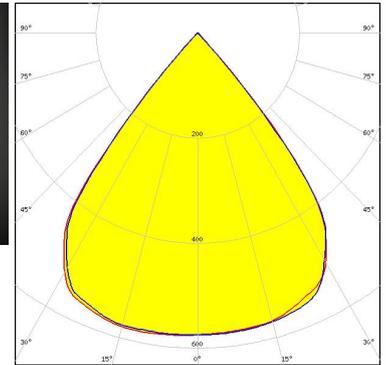
Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 85.0°
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
  C17422_DAISY-4X1-SHD2-MATT
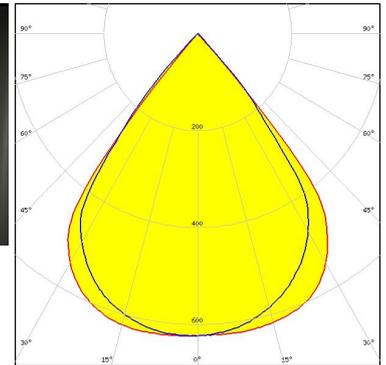
Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 89.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
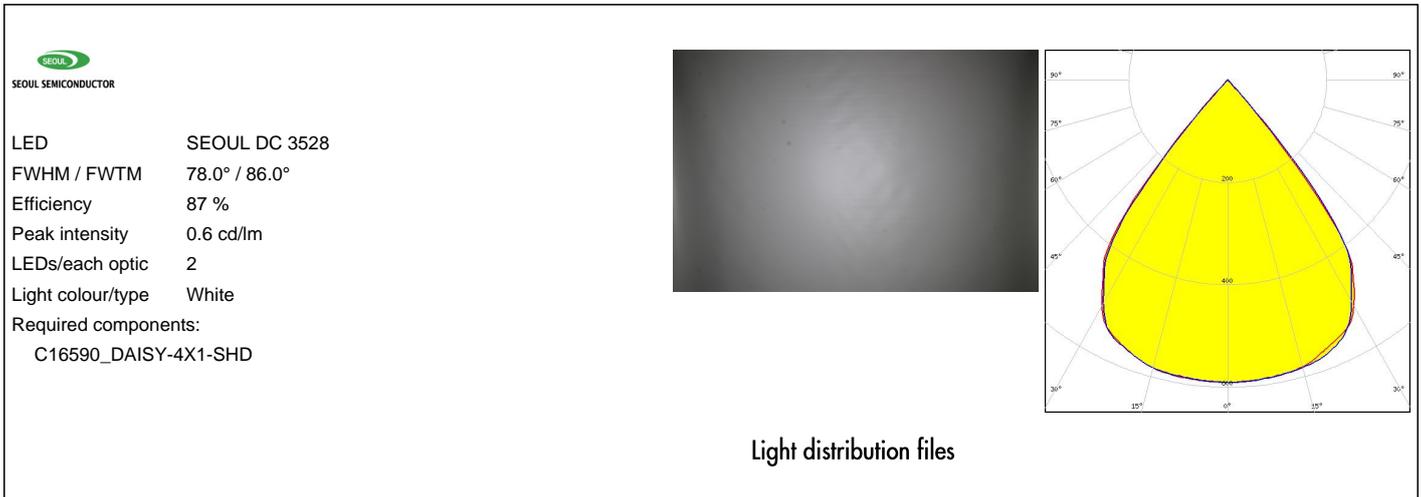 C16784_DAISY-4X1-SHD-WHT
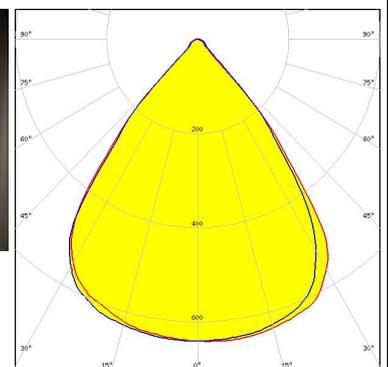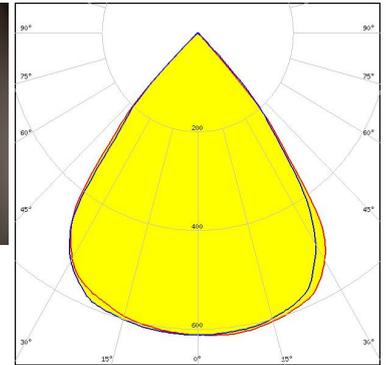
Light distribution files

OPTICAL RESULTS (MEASURED):

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

Light distribution files

LED	SEOUL DC 3030
FWHM / FWTM	75.0° / 89.0°
Efficiency	92 %
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

LED	SEOUL DC 3528
FWHM / FWTM	77.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3528
FWHM / FWTM	78.0° / 86.0°
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/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	80.0° / 91.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

Light distribution files

TEPCOMP group

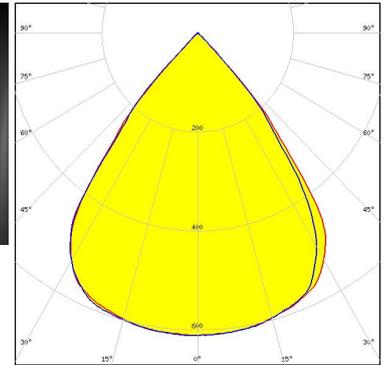|	
LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	79.0° / 91.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

OPTICAL RESULTS (MEASURED):

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	80.0 + 77.0° / 91.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/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	79.0° / 91.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	

Light distribution files

TRIDONIC

LED	LLE 24x140mm 400lm 827-865 LVD ADV1
FWHM / FWTM	76.0° / 90.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	LLE 24x140mm 400lm 827-865 LVD ADV1
FWHM / FWTM	76.0° / 89.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	76.0° / 89.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	77.0° / 90.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	76.0° / 89.0°
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	76.0° / 90.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16784_DAISY-4X1-SHD-WHT	

Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs
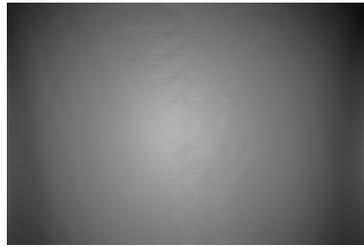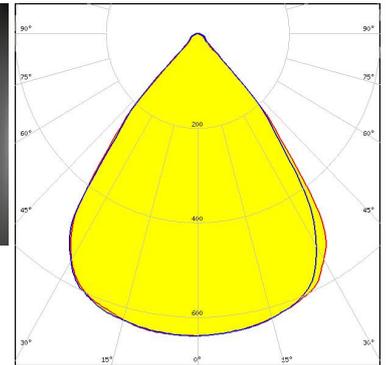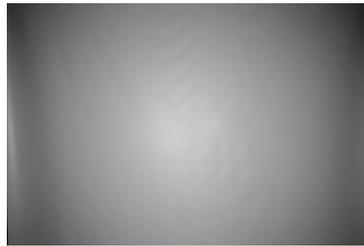
LED	J Series 2835
FWHM / FWTM	78.0° / 85.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
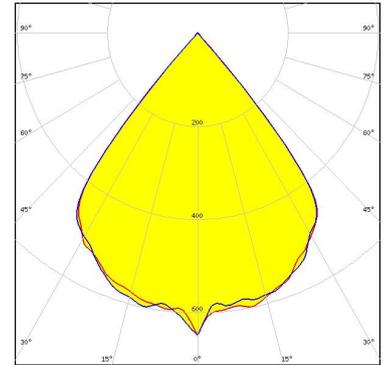
Light distribution files

CREE LEDs

LED	J Series 5050 Round LES
FWHM / FWTM	78.0° / 86.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	
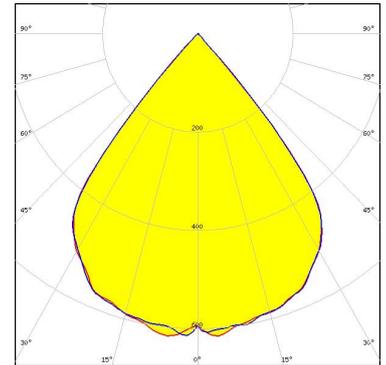
Light distribution files

LUMILEDS

LED	LUXEON 3535L
FWHM / FWTM	76.0° / 85.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
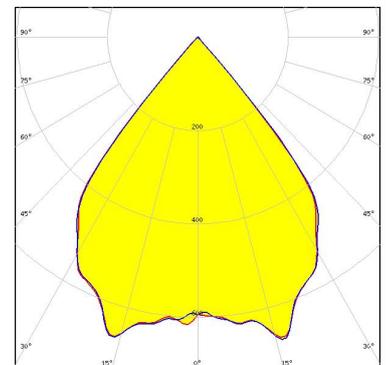
Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

NICHIA
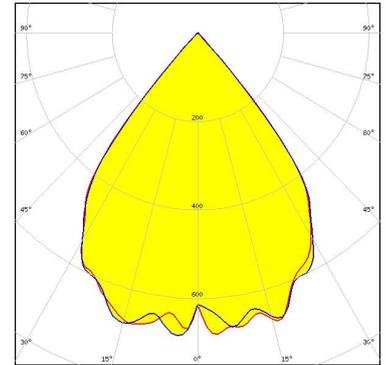
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	76.0 + 78.0° / 86.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	

Light distribution files

NICHIA
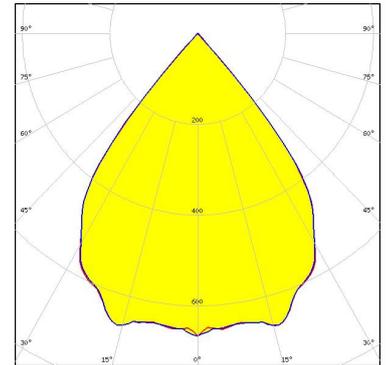
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C16590_DAISY-4X1-SHD	
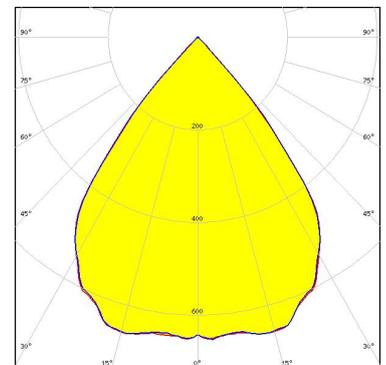
Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	76.0° / 88.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
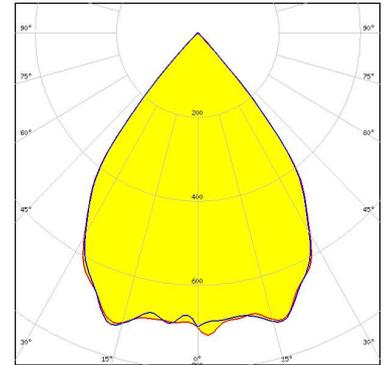
Light distribution files

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	80.0° / 86.0°
Efficiency	83 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16590_DAISY-4X1-SHD	
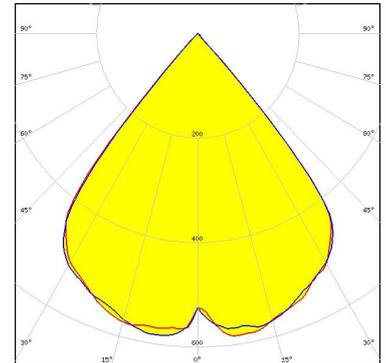
Light distribution files

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	76.0° / 88.0°
Efficiency	89 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C16585_DAISY-28X1-SHD	
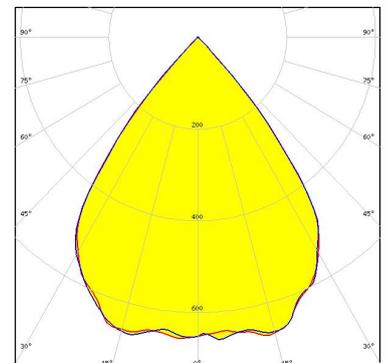
Light distribution files

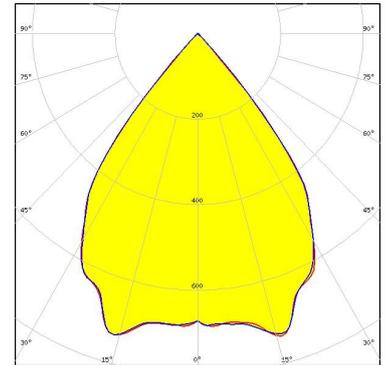## OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED	Duris S8
FWHM / FWTM	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD
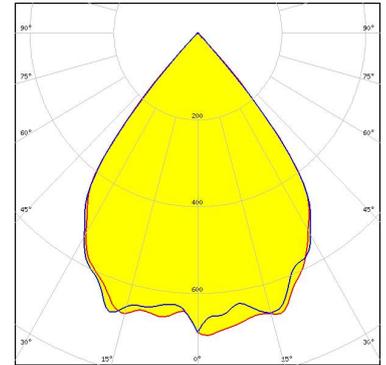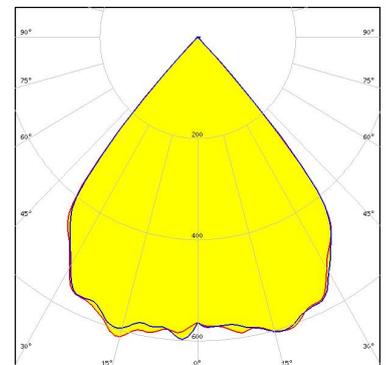

Light distribution files

OSRAM Opto Semiconductors

LED	Duris S8
FWHM / FWTM	76.0° / 86.0°
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT

Light distribution files

SAMSUNG

LED	LH351B
FWHM / FWTM	79.0° / 88.0°
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD

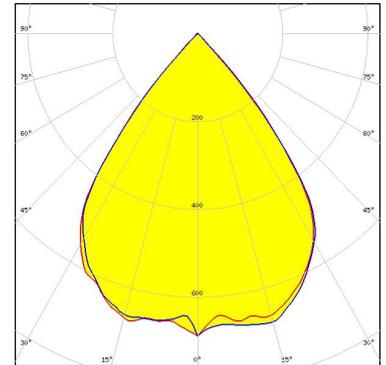Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	74.0° / 88.0°
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
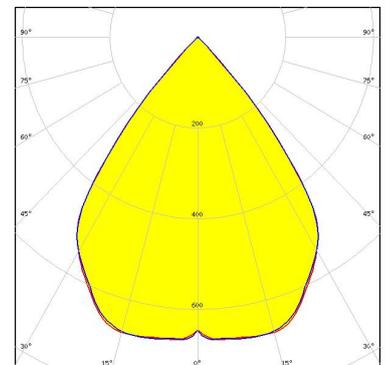C18411_DAISY-4X1-SHD2-MET-MATT
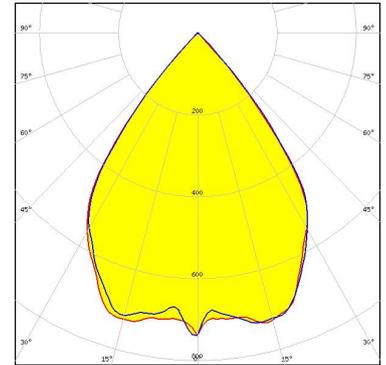
Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 88.0°
Efficiency	89 %
Peak intensity	0.7 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	76.0° / 88.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

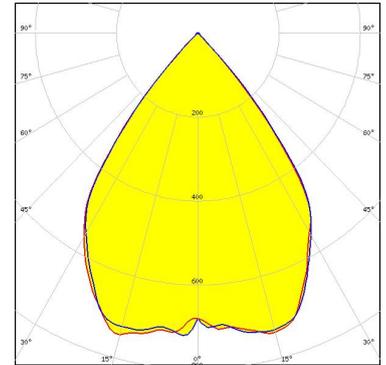Required components:
C17422_DAISY-4X1-SHD2-MATT

Light distribution files
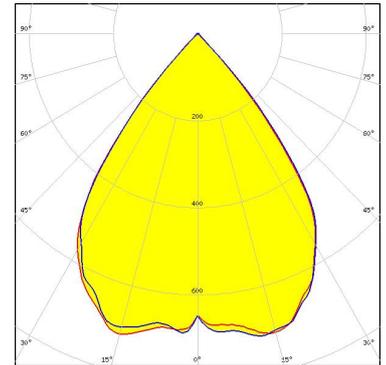
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	75.0° / 88.0°
Efficiency	95 %
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

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	75.0° / 88.0°
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:

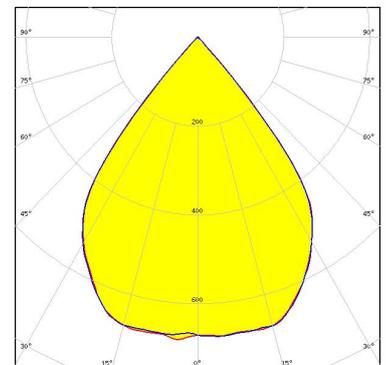C18412_DAISY-4X1-SHD2-MET

Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 86.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:

C17422_DAISY-4X1-SHD2-MATT
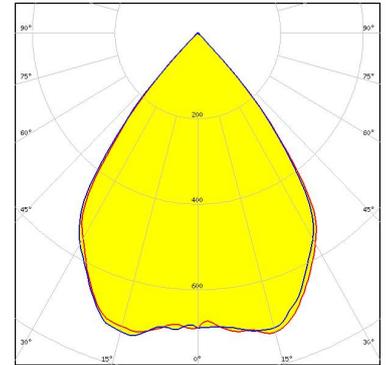
Light distribution files

OPTICAL RESULTS (SIMULATED):

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	75.0° / 88.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17423_DAISY-4X1-SHD2-WHT-MATT	

Light distribution files

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	78.0° / 86.0°
Efficiency	77 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20004_DAISY-4X1-SHD3-MATT	
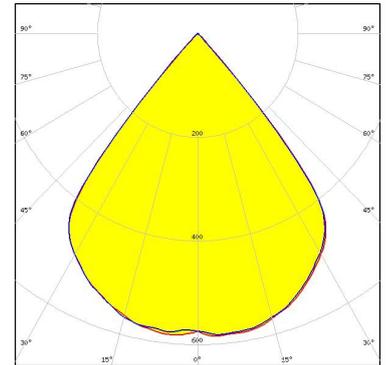
Light distribution files

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:

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