DAISY-4X1-WW-D

~80° wide beam. Variant with diffused lenses. 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-D	Linear lens	PMMA	milky		
DAISY-4X1-SHD3-MET-MATT	Shade	PC-ABS	metal	matt	
DAISY-4X1-SHD3-MET	Shade	PC	metal	gloss	
DAISY-4X1-SHD3-WHT-MATT	Shade	PC	white	matt	
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	

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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)
C16993_DAISY-4X1-WW-D » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	5.6
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
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	5.2
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
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
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
C16590_DAISY-4X1-SHD » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
L20007_DAISY-4X1-SHD3-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0

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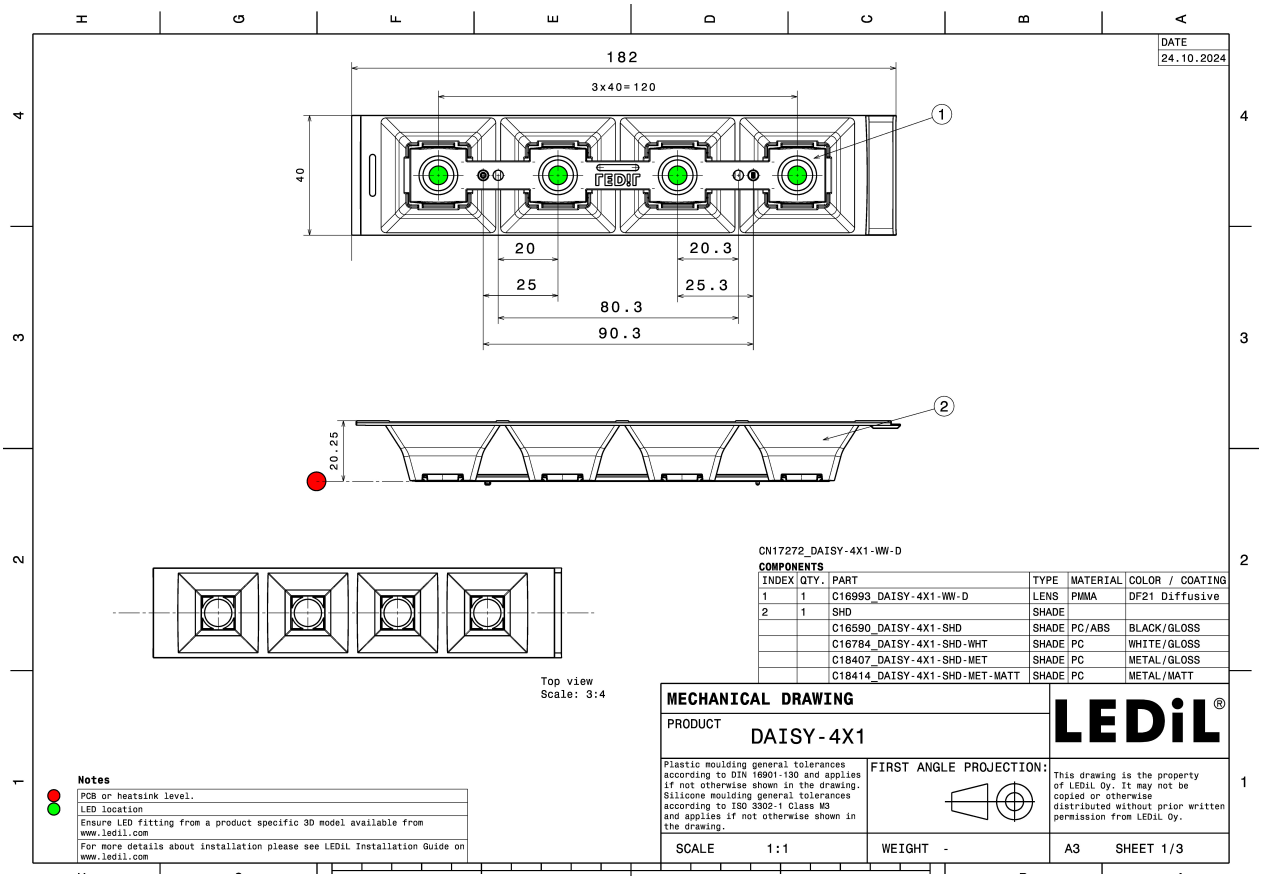

CN17272_DAISY-4X1-WW-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16993_DAISY-4X1-WW-D	LENS	PMMA	DF21 Diffusive
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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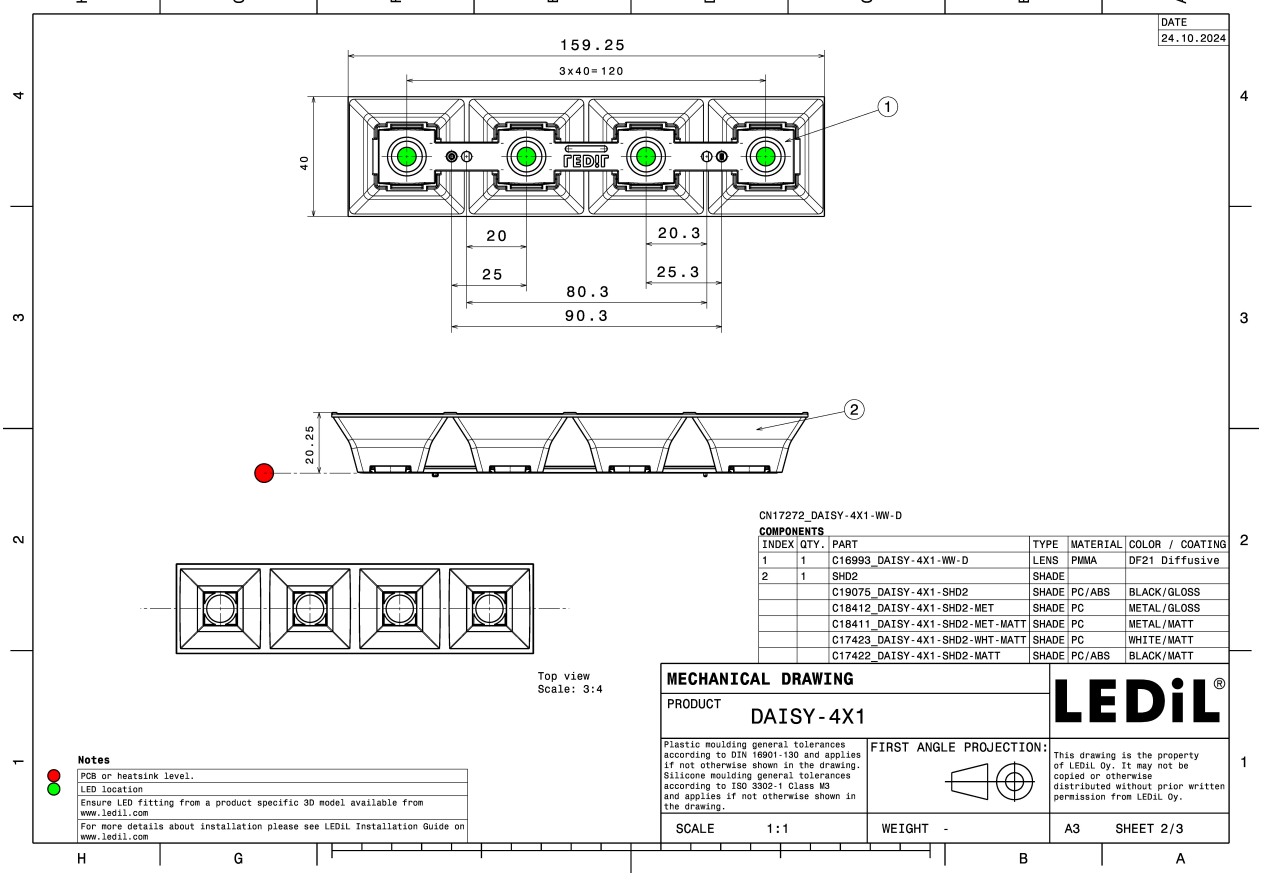
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/3

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



CN17272_DAISY-4X1-WW-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16993_DAISY-4X1-WW-D	LENS	PMMA	DF21 Diffusive
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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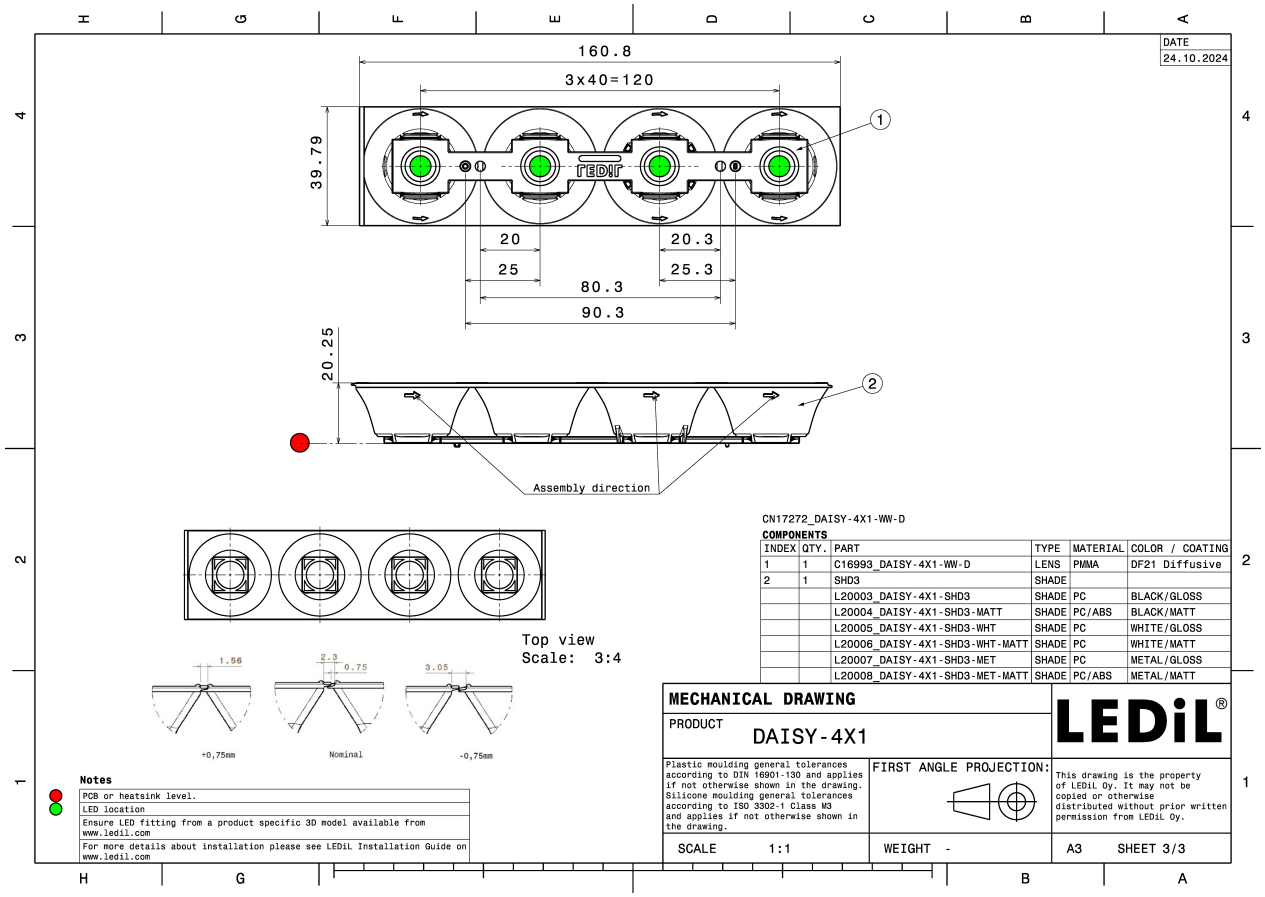

CN17272_DAISY-4X1-WW-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16993_DAISY-4X1-WW-D	LENS	PMMA	DF21 Diffusive
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

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

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:

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

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

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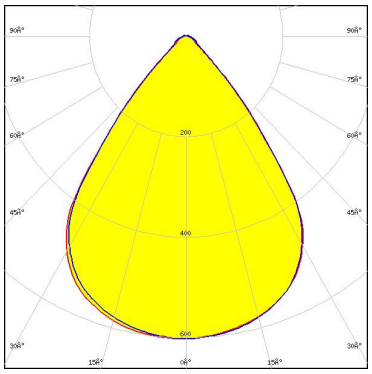
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	75.5° / 96.0°
Efficiency	93 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT





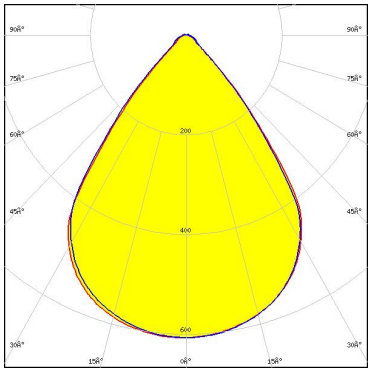
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	75.5° / 96.0°
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

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



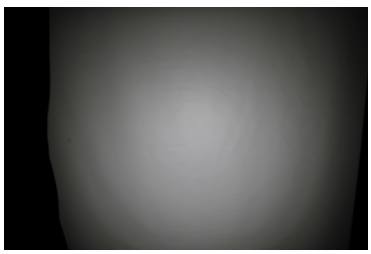


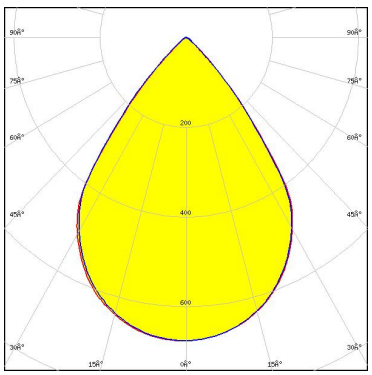
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	74.0° / 94.0°
Efficiency	91 %
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

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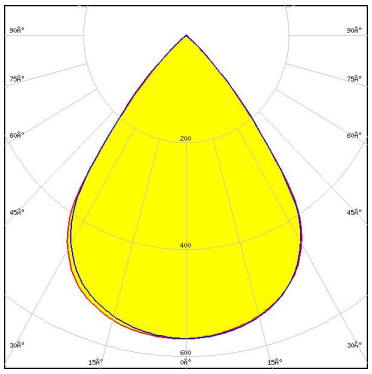
OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	75.0° / 93.0°
Efficiency	79 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD



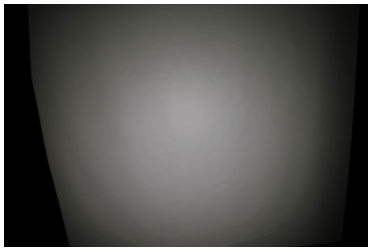


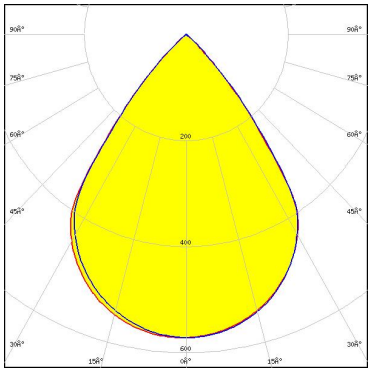
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	74.5° / 92.0°
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT





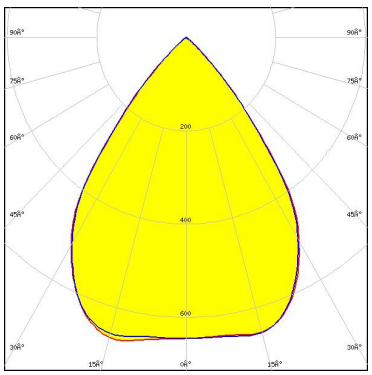
Light distribution files

AUDAX ELECTRONICS

LED	LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM	73.5° / 93.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17528_DAISY-4X1-SHD-MET





Light distribution files

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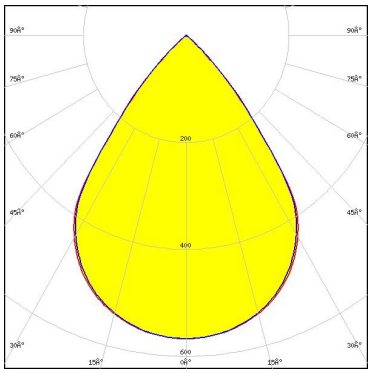
OPTICAL RESULTS (MEASURED):

inventronics

LED	PL-LIN-1000 140x24mm
FWHM / FWTM	74.0° / 94.0°
Efficiency	77 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT



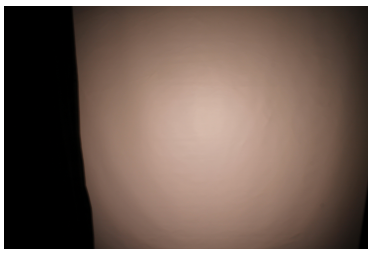


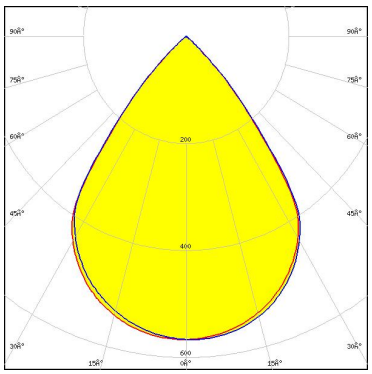
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	74.5 + 75.0° / 93.5°
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17422_DAISY-4X1-SHD2-MATT



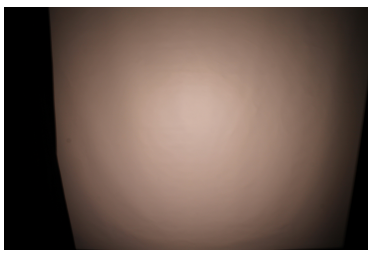


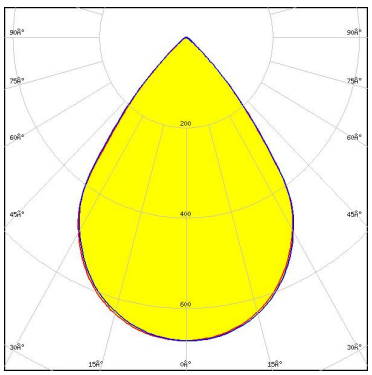
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	74.0 + 74.5° / 94.5°
Efficiency	92 %
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

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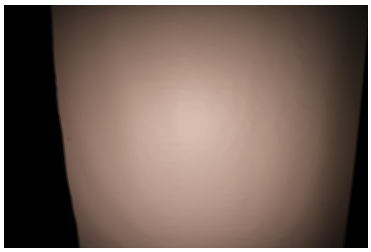
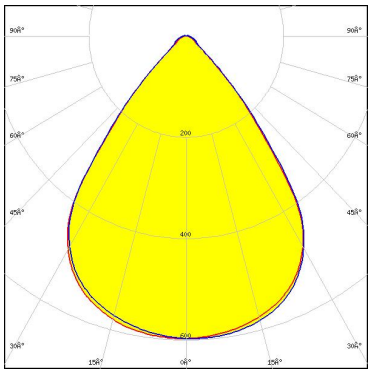
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	75.5 + 76.5° / 97.0 + 97.5°
Efficiency	93 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16784_DAISY-4X1-SHD-WHT



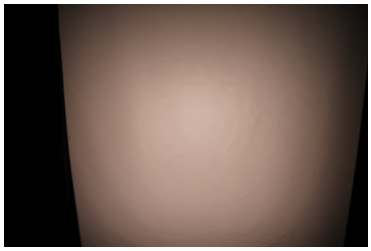


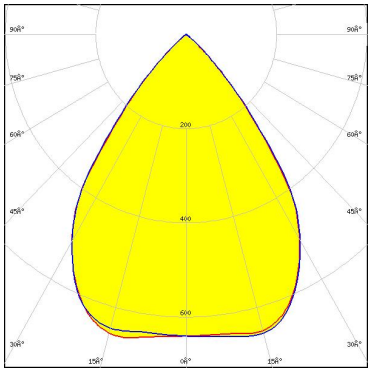
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	74.0° / 94.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C17528_DAISY-4X1-SHD-MET



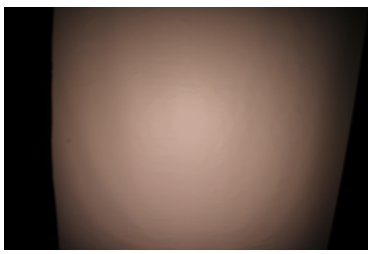


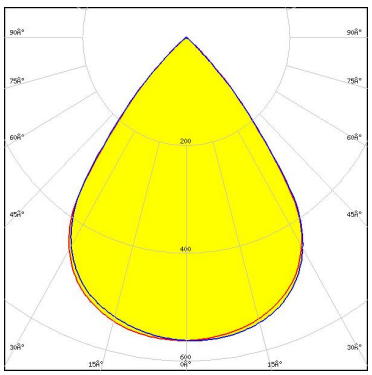
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	74.5 + 75.5° / 93.0 + 93.5°
Efficiency	79 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD





Light distribution files

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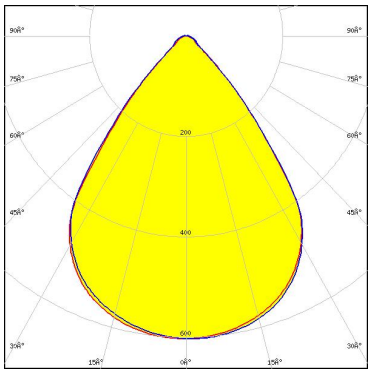
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM	76.0 + 76.5° / 97.0 + 97.5°
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White

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





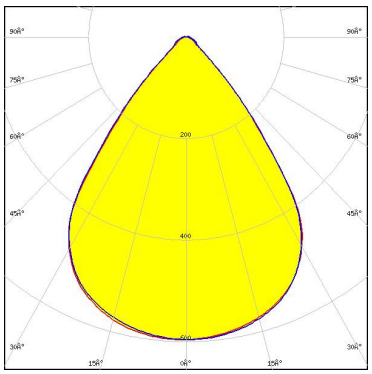
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	75.5° / 96.5 + 97.0°
Efficiency	91 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT





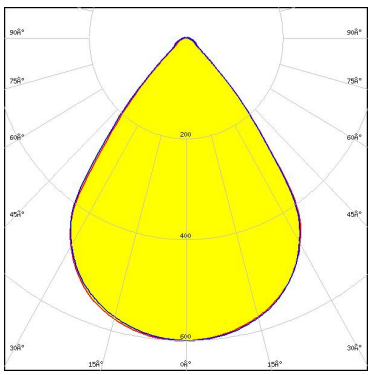
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	75.0 + 75.5° / 96.0 + 97.0°
Efficiency	91 %
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

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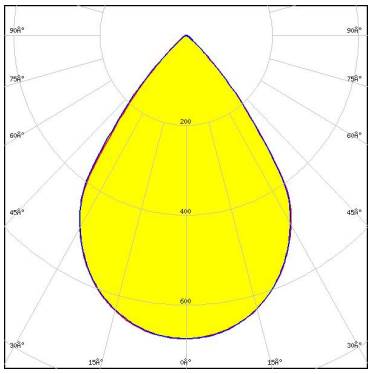
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	73.5° / 94.0 + 94.5°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

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





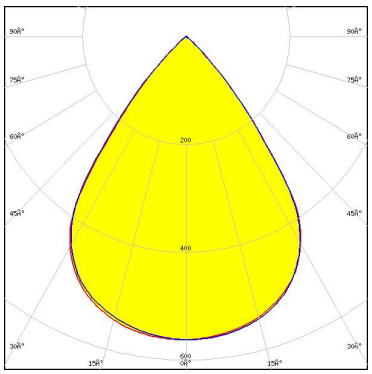
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	74.0 + 74.5° / 92.5°
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD





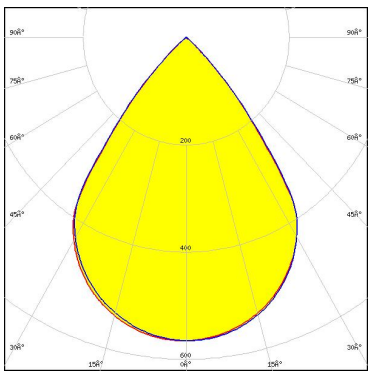
Light distribution files

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	74.5° / 92.5°
Efficiency	76 %
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 is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

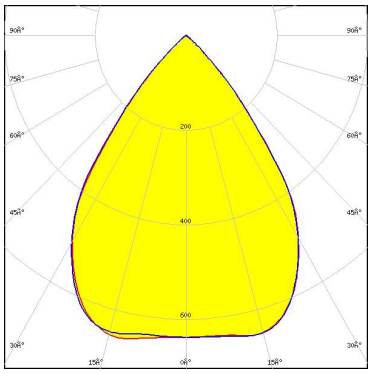
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM	73.5° / 93.0 + 93.5°
Efficiency	93 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17528_DAISY-4X1-SHD-MET



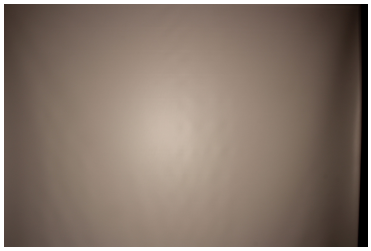


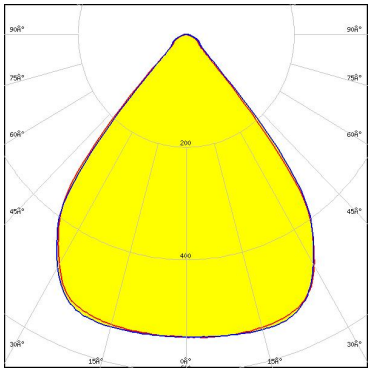
Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	80.0° / 95.0°
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White

Required components:
C16784_DAISY-4X1-SHD-WHT



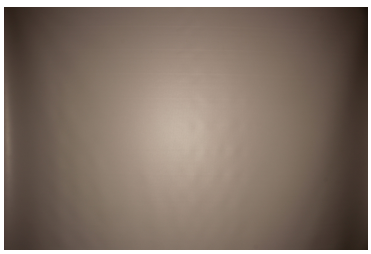


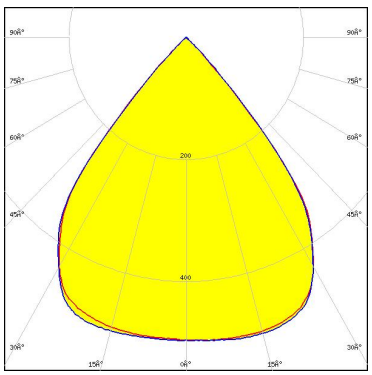
Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	79.0° / 90.0°
Efficiency	79 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White

Required components:
C16590_DAISY-4X1-SHD





Light distribution files

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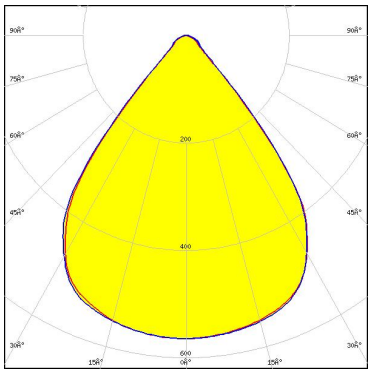
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	78.0° / 95.0°
Efficiency	93 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT





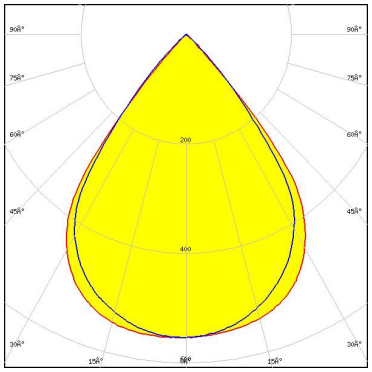
Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	76.0° / 90.0°
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C17422_DAISY-4X1-SHD2-MATT





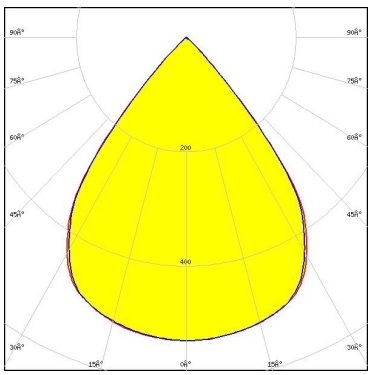
Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	78.0° / 91.0°
Efficiency	79 %
Peak intensity	0.5 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD





Light distribution files

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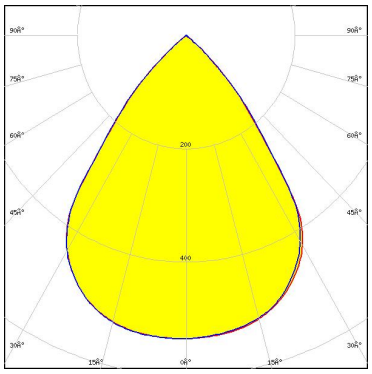
OPTICAL RESULTS (MEASURED):

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	75.0° / 96.0°
Efficiency	77 %
Peak intensity	0.5 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16590_DAISY-4X1-SHD





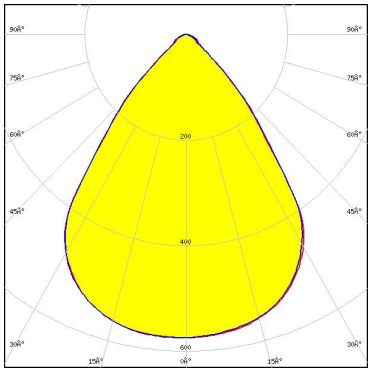
Light distribution files

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	76.0° / 101.0°
Efficiency	91 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16784_DAISY-4X1-SHD-WHT





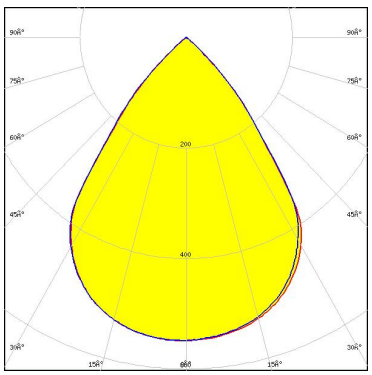
Light distribution files

TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	74.0° / 96.0°
Efficiency	76 %
Peak intensity	0.5 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):

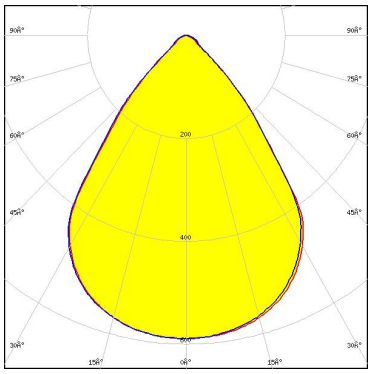
TEPCOMP group

LED	PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
FWHM / FWTM	75.0° / 100.0°
Efficiency	92 %
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

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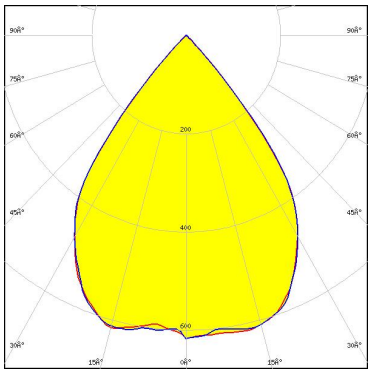
OPTICAL RESULTS (SIMULATED):

SAMSUNG

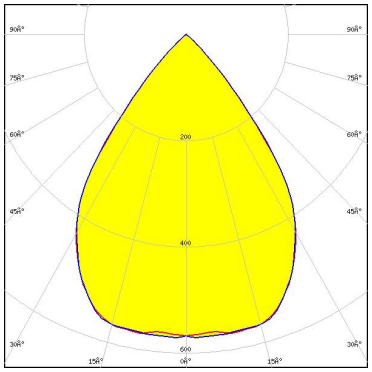
LED	LM28xB Series
FWHM / FWTM	76.0° / 88.0°
Efficiency	82 %
Peak intensity	0.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



Light distribution files

SAMSUNG

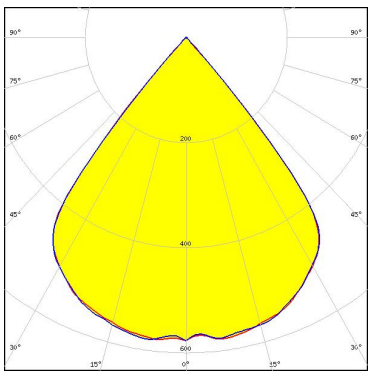
LED	LM28xB Series
FWHM / FWTM	74.0° / 92.0°
Efficiency	76 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	
C17422_DAISY-4X1-SHD2-MATT	



Light distribution files

TRIDONIC

LED	LLE 24x140mm 400lm 8x0 LVD ADV1
FWHM / FWTM	80.0° / 86.0°
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
L20004_DAISY-4X1-SHD3-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:

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