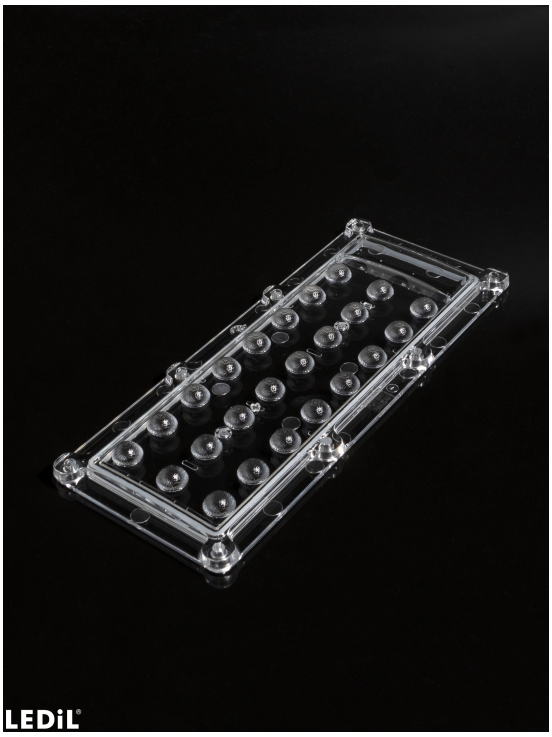
HB-IP-24-W-PC

~60° wide beam. Variant made from PC.



SPECIFICATION:

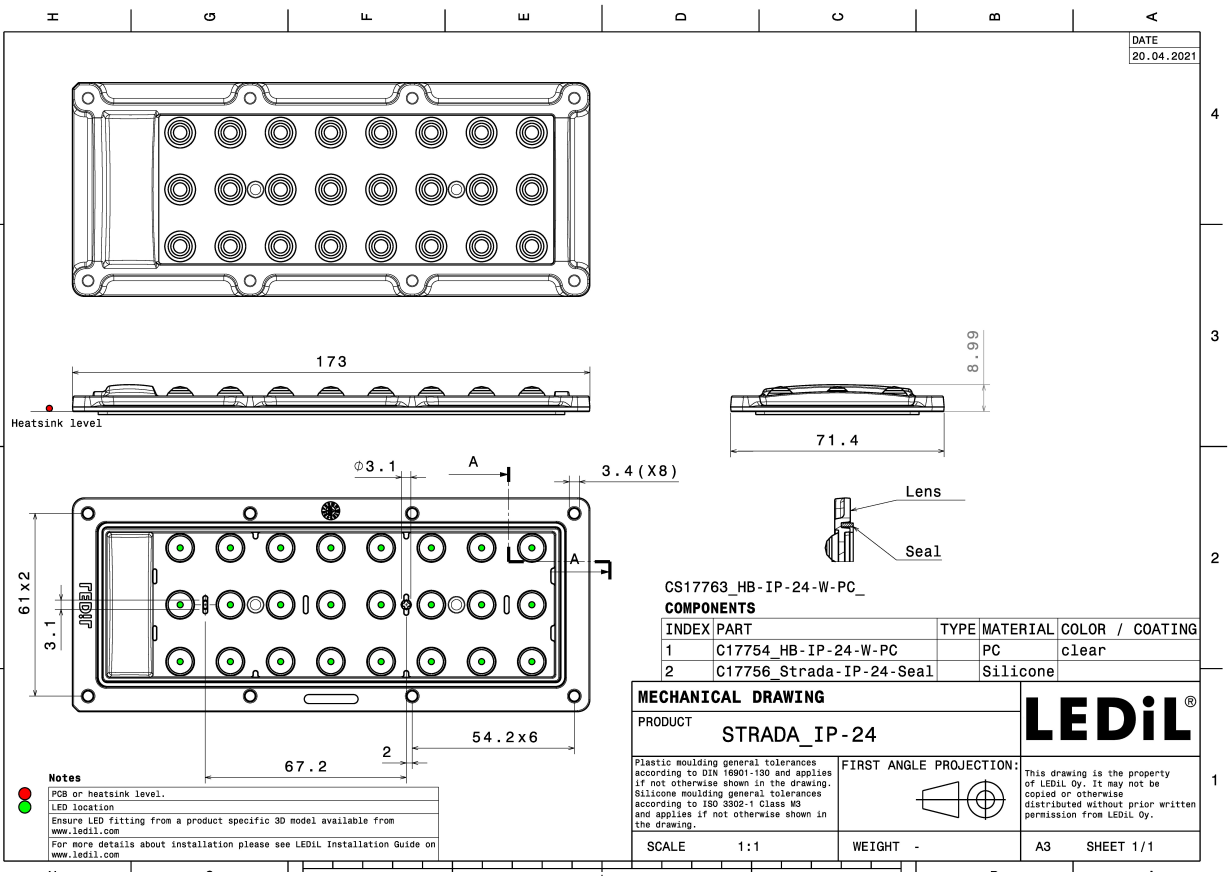
Dimensions	173.0 x 71.4
Height	10 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
HB-IP-24-W-PC	Multi-lens	PC	clear		173.0
STRADA-IP-24-SEAL	Seal	Silicone	white		165.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS17763_HB-IP-24-W-PC » Box size: 476 x 273 x 247 mm	120	120	40	5.6



CS17763_HB-IP-24-W-PC_

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C17754_HB-IP-24-W-PC		PC	clear
2	C17756_Strada-IP-24-Seal		Silicone	

MECHANICAL DRAWING

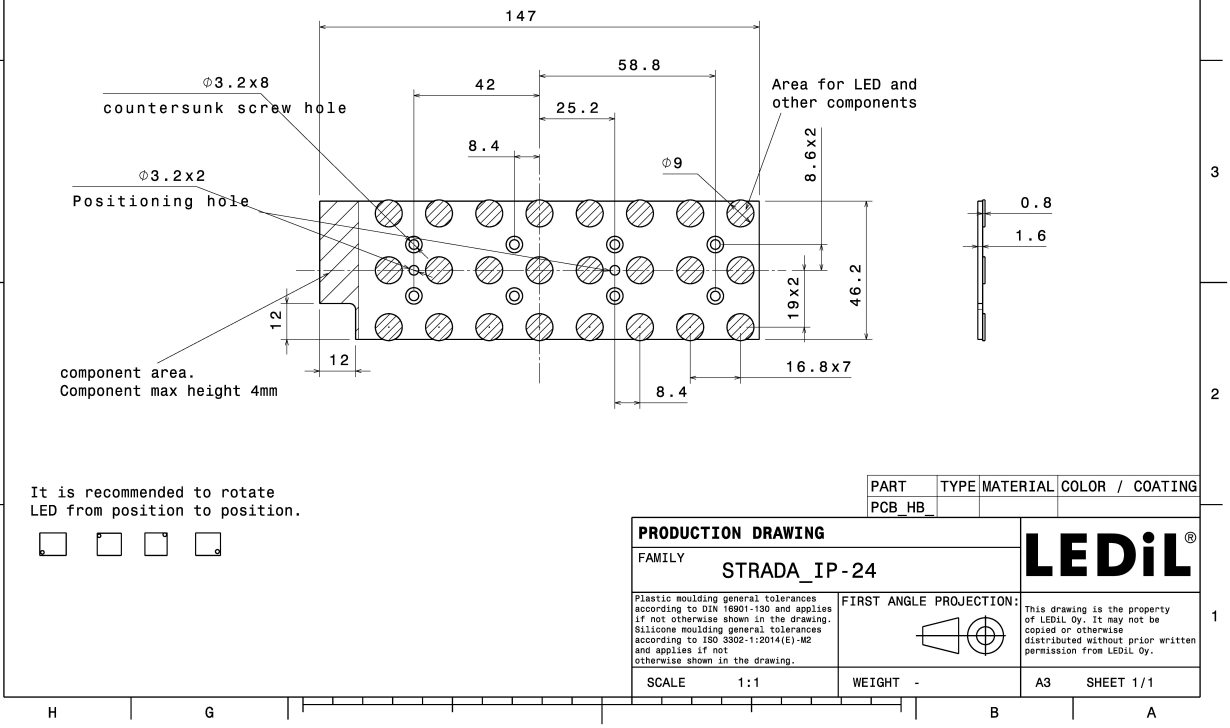
PRODUCT STRADA_IP-24

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:

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

REV	DATE	DESCRIPTION	Done by	Checked by
001		1st Model	Mver	
002	28.10.2020	PCB length reduced	KH	



PART	TYPE	MATERIAL	COLOR / COATING
PCB_HB_			

PRODUCTION DRAWING

FAMILY STRADA_IP-24

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 3302-1:2014(E)-M2 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

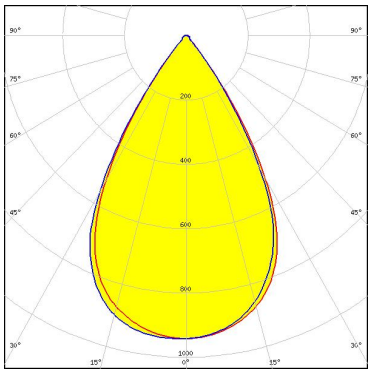
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

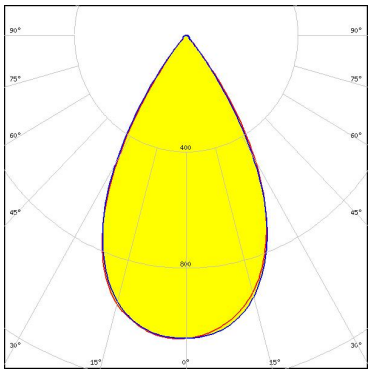
LED	LIGHT ENGINE STRADA-IP 24 LEDs 147.4 x 46.2 x 1.5
FWHM / FWTM	62.0° / 81.0°
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

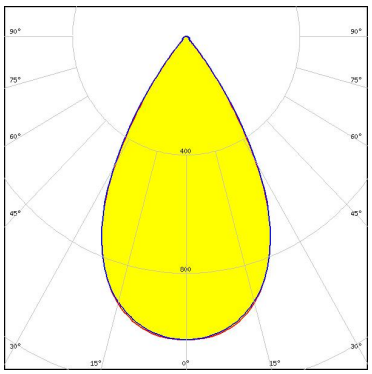
LED	LUXEON 5050 HE
FWHM / FWTM	59.0° / 79.0°
Efficiency	91 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON XR-5050 HE (L225-xxxx024MLU010)
FWHM / FWTM	59.0° / 79.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

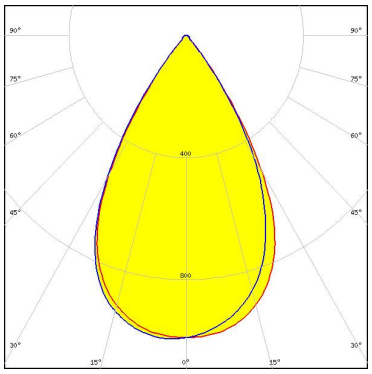


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	HiLOM RM24 ZP (LH502D)
FWHM / FWTM	62.0° / 81.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

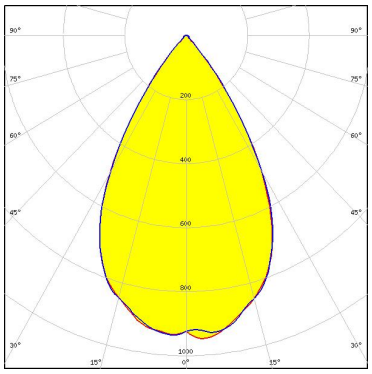


Light distribution files

OPTICAL RESULTS (SIMULATED):

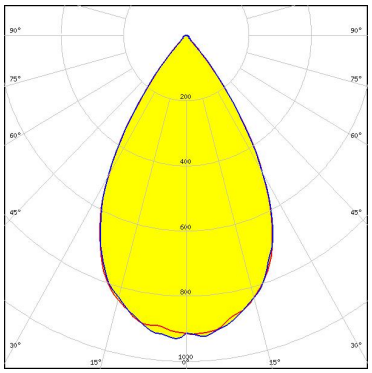
CREE LEDs

LED	J Series 5050C 6V E Class
FWHM / FWTM	61.0° / 82.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



LUMILEDS

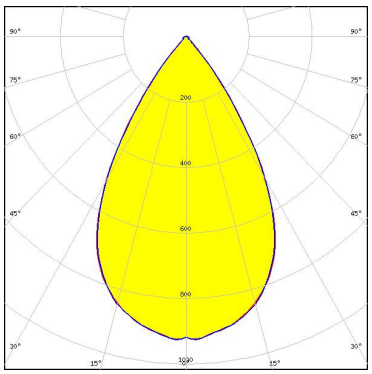
LED	LUXEON 5050 HE
FWHM / FWTM	62.0° / 83.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	62.0° / 82.0°
Efficiency	89 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

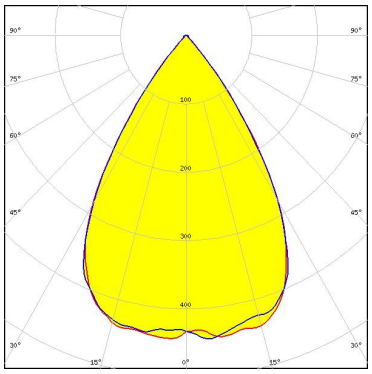


Light distribution files

OPTICAL RESULTS (SIMULATED):

MST Your solutions

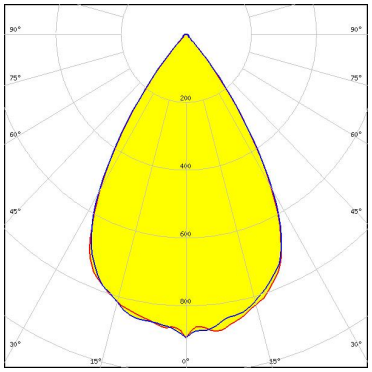
LED	RecLED 147x47mm 5800lm 7x0 5050 STRADA-IP-24 G2
FWHM / FWTM	66.0° / 84.0°
Efficiency	85 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

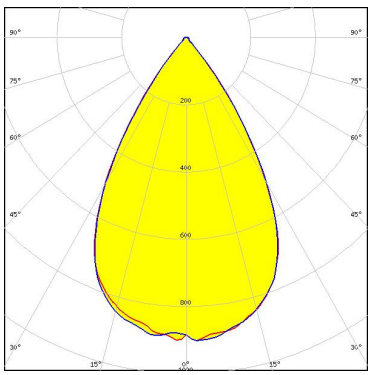
LED	NFMW48xA
FWHM / FWTM	64.0° / 82.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	HiLOM RM24 ZP (LH502C)
FWHM / FWTM	62.0° / 82.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

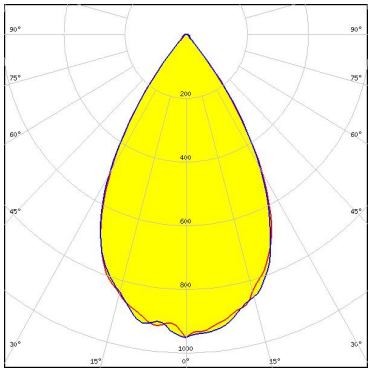
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH502C
FWHM / FWTM	62.0° / 82.0°
Efficiency	88 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

SAMSUNG

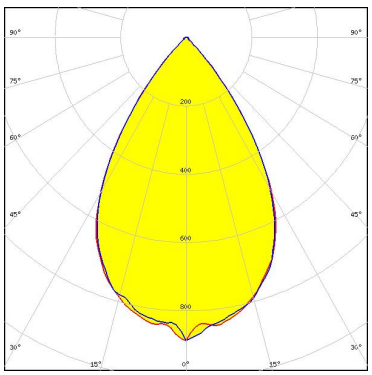
LED	LH502D
FWHM / FWTM	60.0 + 61.0° / 82.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH508C
FWHM / FWTM	64.0° / 88.0°
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

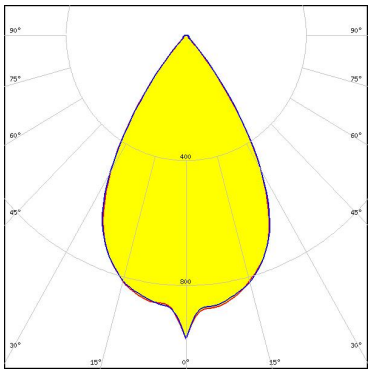


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	SEOUL DC 5050 6V
FWHM / FWTM	60.0° / 82.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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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