STRADELLA-IP-28-SCL-PC

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes. Variant made from PC.

TECHNICAL SPECIFICATIONS:

Dimensions	100.0 mm
Height	9.5 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.6 kg
Quantity in Box	156 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-IP-28-SCL-PC	Multi-lens		
STRADELLA-28-SEAL	Seal	Silicone	white

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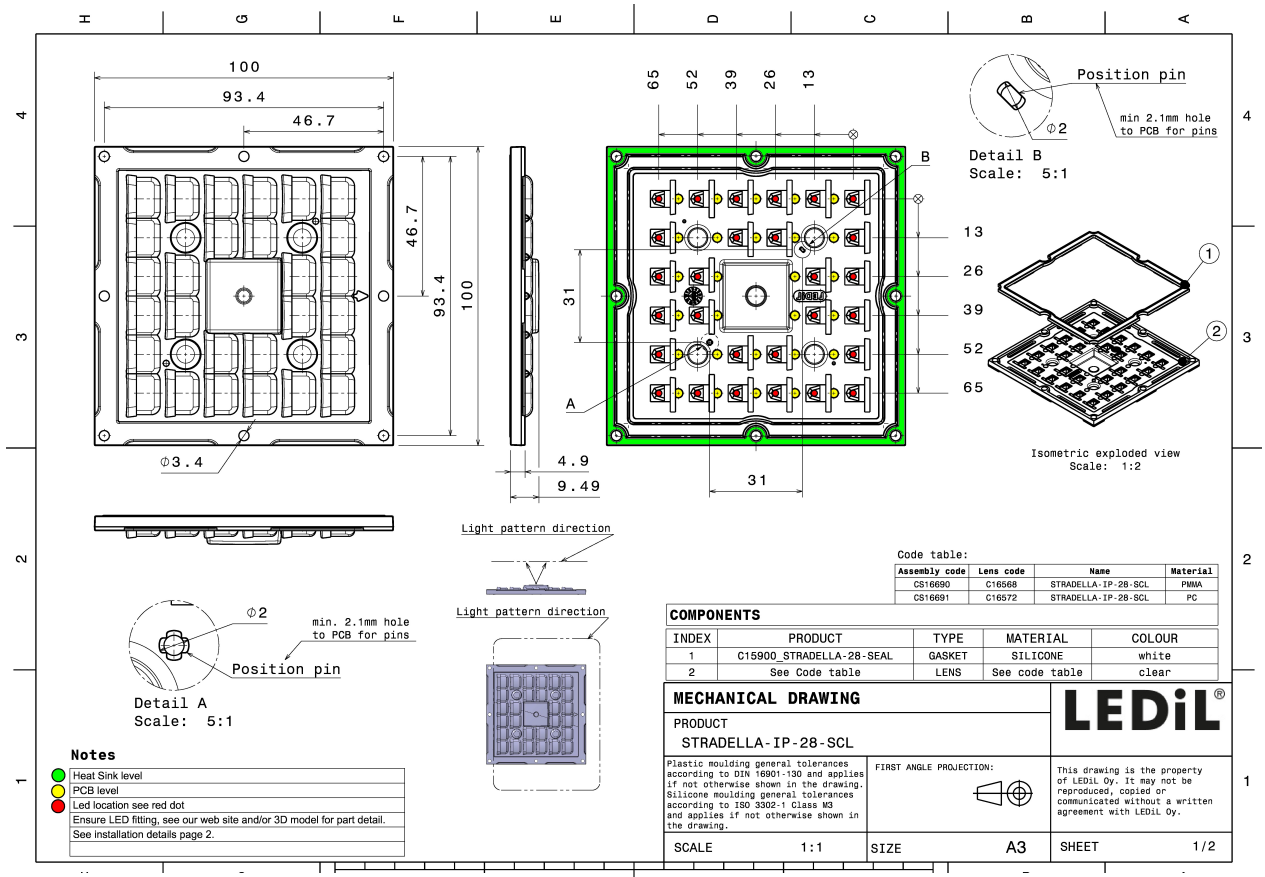

Code table:

Assembly code	Lens code	Name	Material
CS16690	C16568	STRADELLA-IP-28-SCL	PMMA
CS16691	C16572	STRADELLA-IP-28-SCL	PC

COMPONENTS

INDEX	PRODUCT	TYPE	MATERIAL	COLOUR
1	C15900_STRADELLA-28-SEAL	GASKET	SILICONE	white
2	See Code table	LENS	See code table	clear

Notes

Heat Sink level
PCB level
Led location see red dot
Ensure LED fitting, see our web site and/or 3D model for part detail.
See installation details page 2.

MECHANICAL DRAWING

PRODUCT
STRADELLA-IP-28-SCL

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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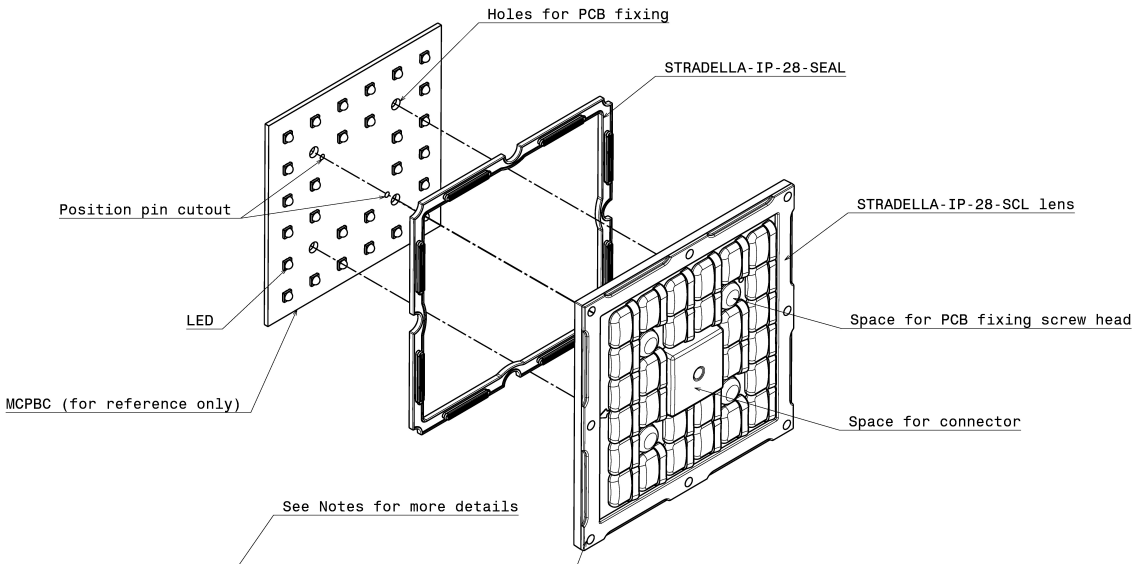
SCALE 1:1 | SIZE A3 | SHEET 1/2



Notes

Please see more details for fastening in LEDiL Installation guide, www.ledil.com
Seal is tested to work in LEDiL's test assemblies. Customer is recommended to test the sealing in the end product due many variables, such as heat sink surface and possible chemical traces.

MECHANICAL DRAWING

PRODUCT
STRADELLA-IP-28-SCL

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 | SIZE A3 | SHEET 2/2

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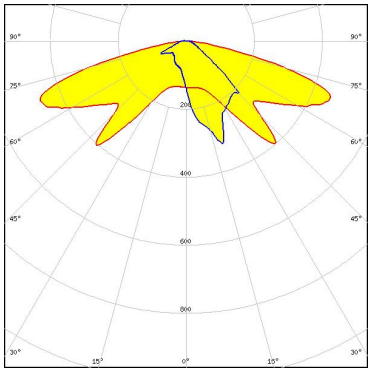
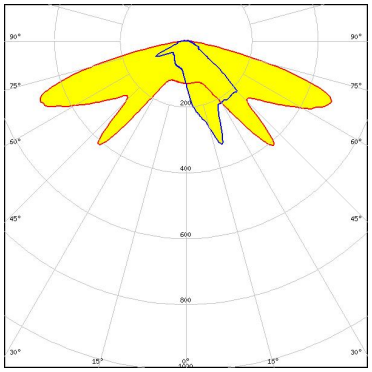
PHOTOMETRIC DATA (MEASURED):

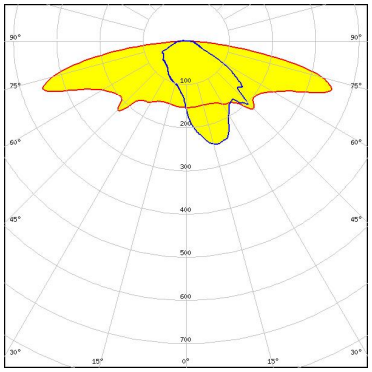
LED	HiQLED STR28 CR JE2835 4x7 xxx
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.630 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



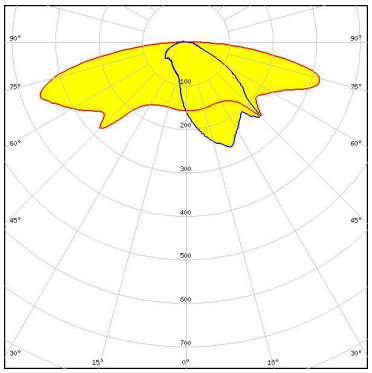
LED	HiQLED STR28 CR JĐš3030 4x7 xxx
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	QUICK FLUX STR28 XD2x14 xxx G8
FWHM	Asymmetric
Efficiency	86 %
Peak intensity	0.720 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	QUICK FLUX STR28 XP2x14 xxx G7
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.530 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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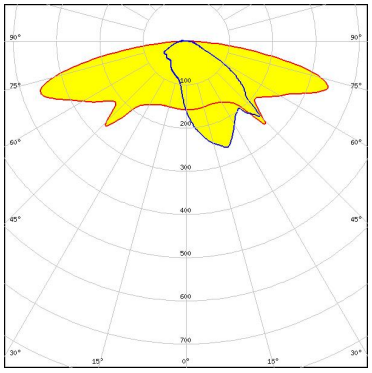
PHOTOMETRIC DATA (MEASURED):

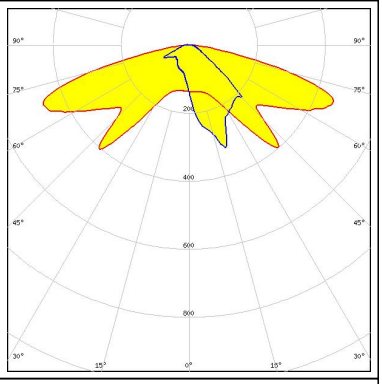
COMET ELECTRONICS

LED	QUICK FLUX STR28 XT2x14 xxx G5
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.610 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



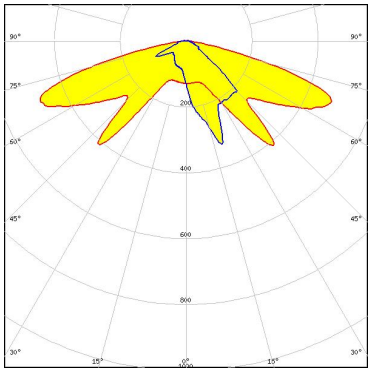
CREE

LED	J Series 2835
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.630 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



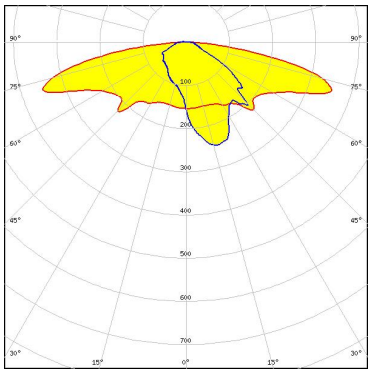
CREE

LED	J Series 3030
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE

LED	XD16
FWHM	Asymmetric
Efficiency	86 %
Peak intensity	0.720 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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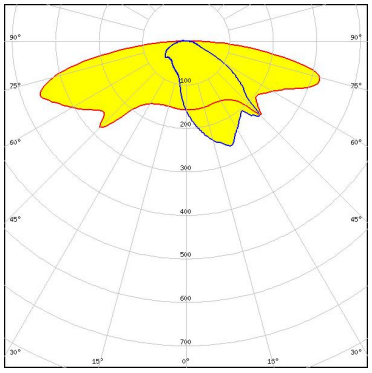
PHOTOMETRIC DATA (MEASURED):

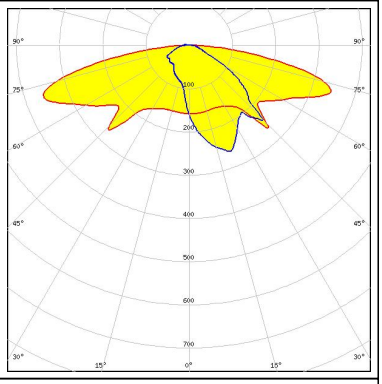
CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.530 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



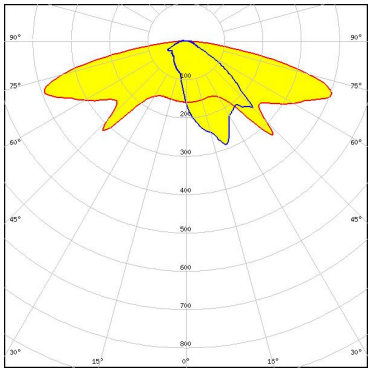
CREE

LED	XT-E
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.610 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



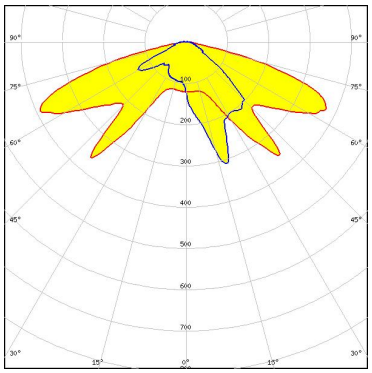
OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.640 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	HiLOM SC28 (LH181B)
FWHM	Asymmetric
Efficiency	86 %
Peak intensity	0.650 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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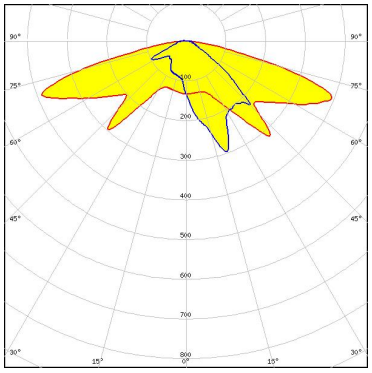
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	HiLOM SM28 (LM301B)
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.670 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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