STRADELLA-IP-64-HB-O

~30° + 70° oval beam.

SPECIFICATION:

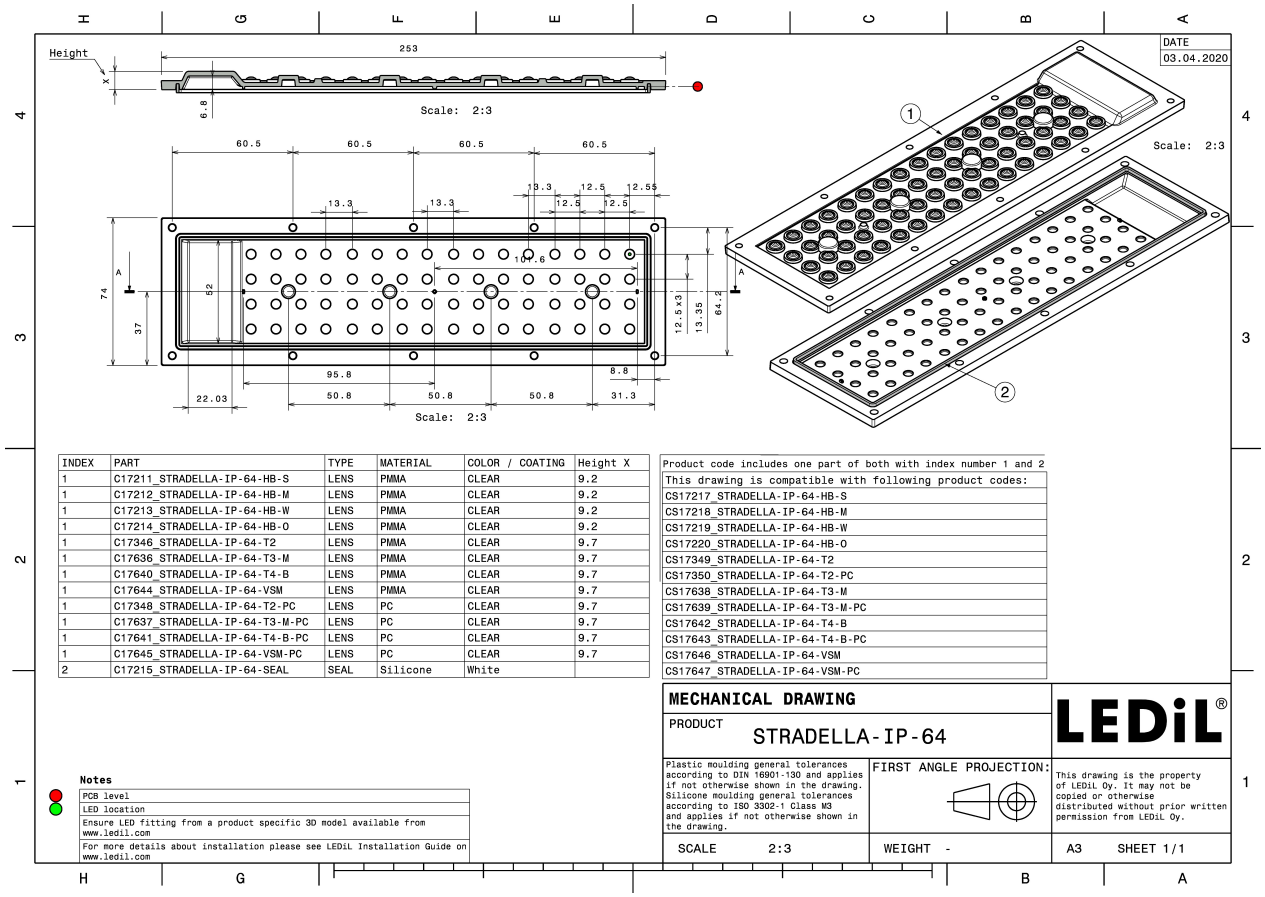
Dimensions	74.0 x 253.0 mm
Height	9.2 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish
STRADELLA-IP-64-HB-O	Multi-lens	PMMA	clear	
STRADELLA-IP-64-SEAL	Seal	Silicone	milky	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS17220_STRADELLA-IP-64-HB-O » Box size: 476 x 273 x 247 mm	Multi-lens	108	108	36	9.4



INDEX	PART	TYPE	MATERIAL	COLOR / COATING	Height X
1	C17211_STRADELLA-IP-64-HB-S	LENS	PMMA	CLEAR	9.2
1	C17212_STRADELLA-IP-64-HB-M	LENS	PMMA	CLEAR	9.2
1	C17213_STRADELLA-IP-64-HB-W	LENS	PMMA	CLEAR	9.2
1	C17214_STRADELLA-IP-64-HB-O	LENS	PMMA	CLEAR	9.2
1	C17346_STRADELLA-IP-64-T2	LENS	PMMA	CLEAR	9.7
1	C17636_STRADELLA-IP-64-T3-M	LENS	PMMA	CLEAR	9.7
1	C17640_STRADELLA-IP-64-T4-B	LENS	PMMA	CLEAR	9.7
1	C17644_STRADELLA-IP-64-VSM	LENS	PMMA	CLEAR	9.7
1	C17348_STRADELLA-IP-64-T2-PC	LENS	PC	CLEAR	9.7
1	C17637_STRADELLA-IP-64-T3-M-PC	LENS	PC	CLEAR	9.7
1	C17641_STRADELLA-IP-64-T4-B-PC	LENS	PC	CLEAR	9.7
1	C17645_STRADELLA-IP-64-VSM-PC	LENS	PC	CLEAR	9.7
2	C17215_STRADELLA-IP-64-SEAL	SEAL	Silicone	White	

Product code includes one part of both with index number 1 and 2
This drawing is compatible with following product codes:
CS17217_STRADELLA-IP-64-HB-S
CS17218_STRADELLA-IP-64-HB-M
CS17219_STRADELLA-IP-64-HB-W
CS17220_STRADELLA-IP-64-HB-O
CS17349_STRADELLA-IP-64-T2
CS17350_STRADELLA-IP-64-T2-PC
CS17638_STRADELLA-IP-64-T3-M
CS17639_STRADELLA-IP-64-T3-M-PC
CS17642_STRADELLA-IP-64-T4-B
CS17643_STRADELLA-IP-64-T4-B-PC
CS17646_STRADELLA-IP-64-VSM
CS17647_STRADELLA-IP-64-VSM-PC

Notes

PCB 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
STRADELLA-IP-64

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:

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

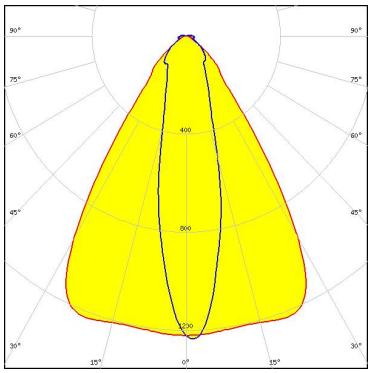
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	RecLED 223x50mm 4200lm 8x0 4x16 Opt G1
FWHM / FWTM	68.0 + 25.0° / 102.0 + 88.0°
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

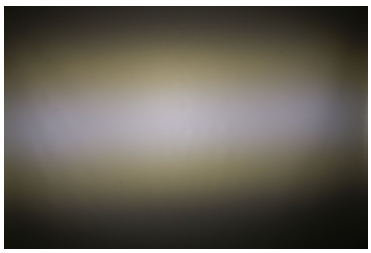
Required components:

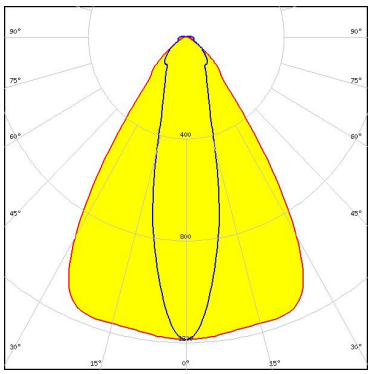


OSRAM

LED	PrevaLED Brick MP 4x16
FWHM / FWTM	69.0 + 26.0° / 103.0 + 90.0°
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

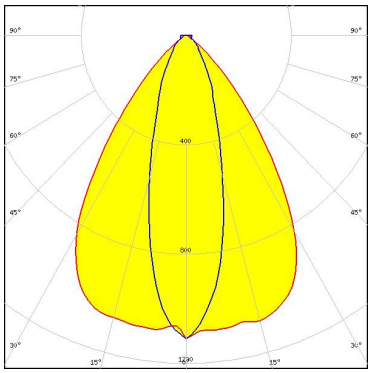




OPTICAL RESULTS (SIMULATED):

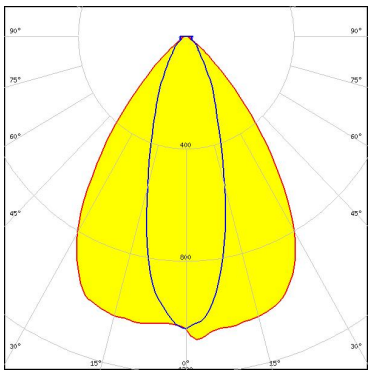
LUMILEDS

LED	LUXEON 3030 HE Plus
FWHM / FWTM	72.0 + 30.0° / 100.0 + 72.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



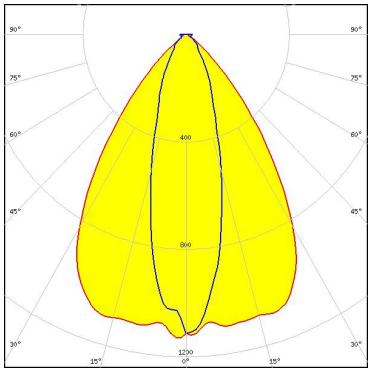
OSRAM Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM / FWTM	74.0 + 32.0° / 101.0 + 72.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



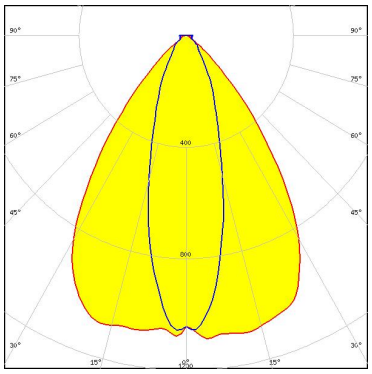
OSRAM Opto Semiconductors

LED	OSCONIQ C 3030
FWHM / FWTM	72.0 + 28.0° / 100.0 + 70.0°
Efficiency	87 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM Opto Semiconductors

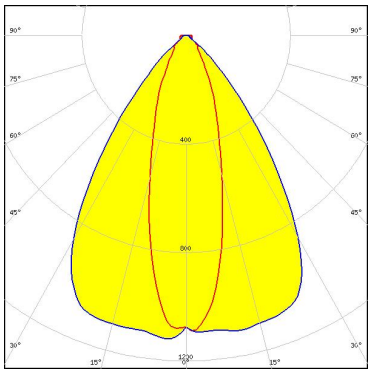
LED	OSCONIQ S 3030 (QSLR31)
FWHM / FWTM	74.0 + 30.0° / 101.0 + 72.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

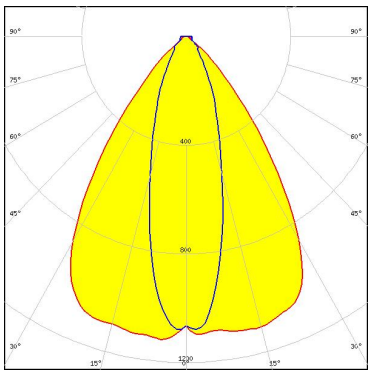
PHILIPS

LED	Fortimo FastFlex LED 4x16 DHE G4
FWHM / FWTM	30.0 + 72.0° / 70.0 + 100.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



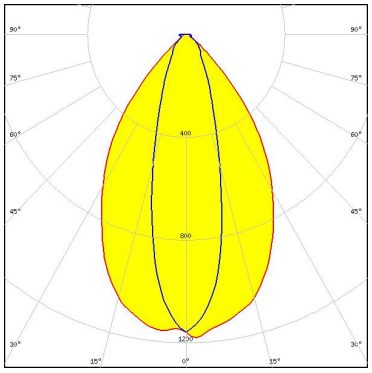
SAMSUNG

LED	HiLOM RM64 (LM301B)
FWHM / FWTM	72.0 + 30.0° / 100.0 + 71.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



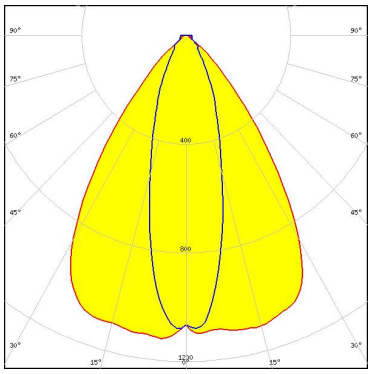
SAMSUNG

LED	LH181B
FWHM / FWTM	67.0 + 28.0° / 98.0 + 66.0°
Efficiency	86 %
Peak intensity	1.2 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	



SAMSUNG

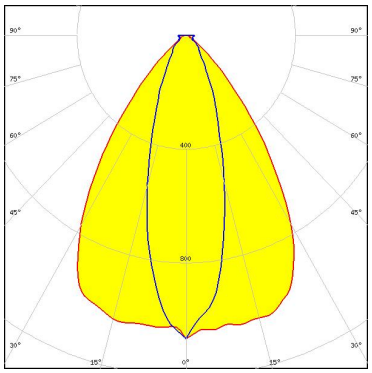
LED	LM301B
FWHM / FWTM	72.0 + 30.0° / 100.0 + 71.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

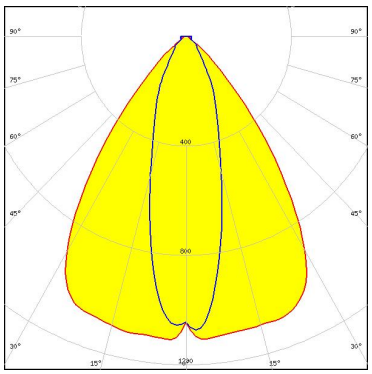
SCIOLUX

LED	KAAX-VB-2300-840-48
FWHM / FWTM	72.0 + 30.0° / 100.0 + 70.0°
Efficiency	86 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



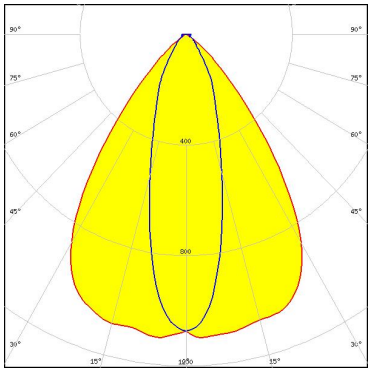
SEOUL SEMICONDUCTOR

LED	SEOUL 3030
FWHM / FWTM	74.0 + 30.0° / 101.0 + 72.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



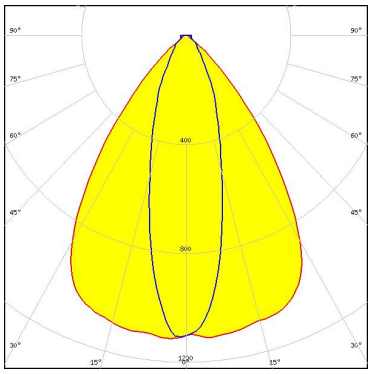
SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030C
FWHM / FWTM	74.0 + 30.0° / 100.0 + 72.0°
Efficiency	87 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

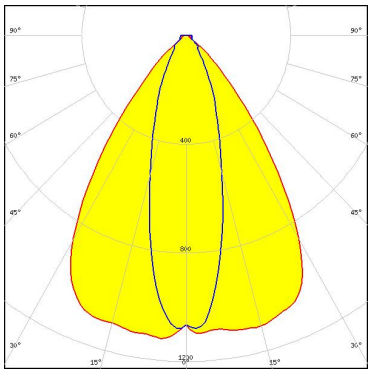
LED	SEOUL DC 3528
FWHM / FWTM	74.0 + 29.0° / 100.0 + 70.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

TRIDONIC

LED	RLE 4x16 4000lm MP ADV2 OTD
FWHM / FWTM	72.0 + 30.0° / 100.0 + 71.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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