VICTORIA-IP-WWW

~90° wide beam. Ingress protected version.

SPECIFICATION:

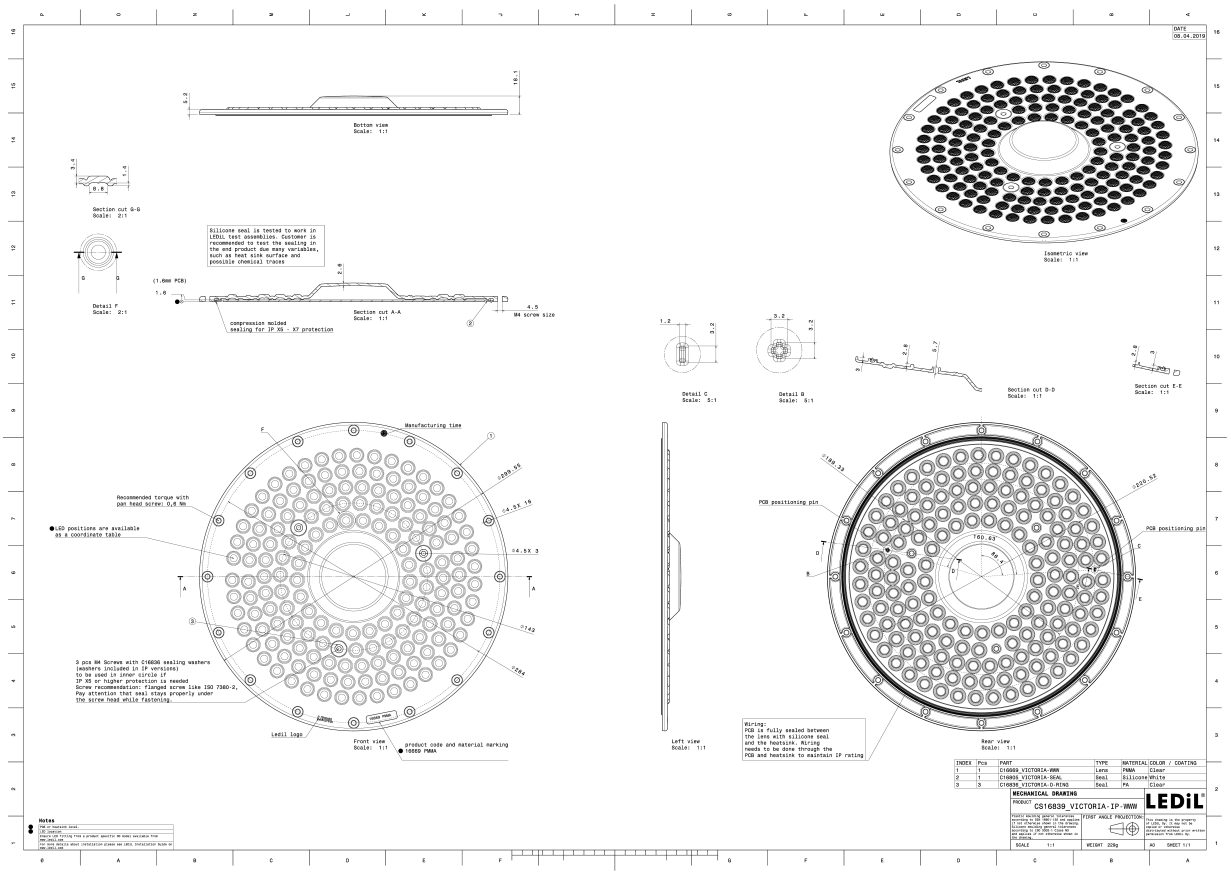
Dimensions	Ø 300.0 mm
Height	18.1 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
VICTORIA-WWW	Multi-lens	PMMA	clear		300.0
VICTORIA-O-RING	Seal	Silicone	milky		8.0
VICTORIA-SEAL	Seal	Silicone	clear		271.8

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS16839_VICTORIA-IP-WWW » Box size: 343 x 343 x 298 mm	34	34	34	9.1



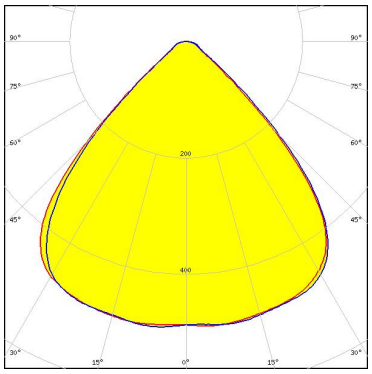
INDEX	Pcs	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C16869_VICTORIA-WWW	Lens	PMMA	Clear
2	1	C16839_VICTORIA-SEAL	Seal	Silicone	White
3	3	C16836_VICTORIA-O-RING	Seal	PA	Clear

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

OPTICAL RESULTS (MEASURED):

ELECTRIO

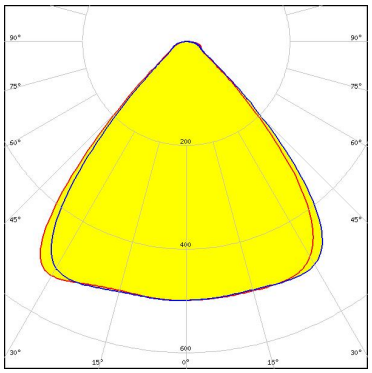
LED	Victoria-PCB
FWHM / FWTM	88.0° / 110.0°
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

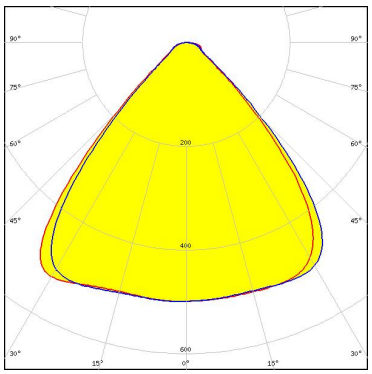
LED	HiLOM HCF0 (LH181B)
FWHM / FWTM	85.0° / 110.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH181B
FWHM / FWTM	85.0° / 110.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

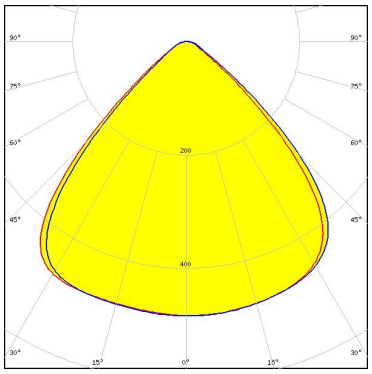


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LH508A
FWHM / FWTM	90.0° / 115.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

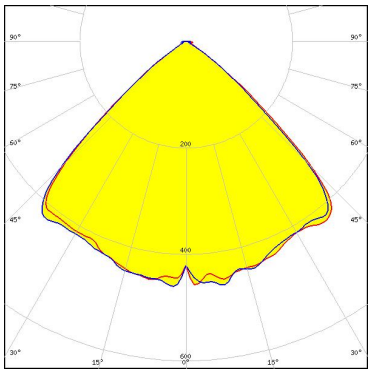


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

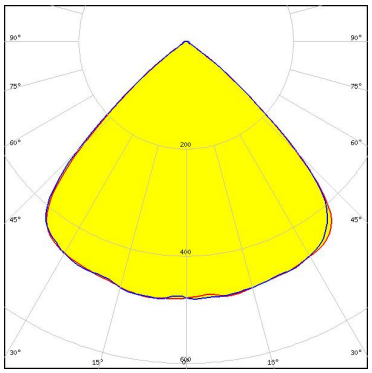
LED	J Series 2835
FWHM / FWTM	95.0° / 112.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

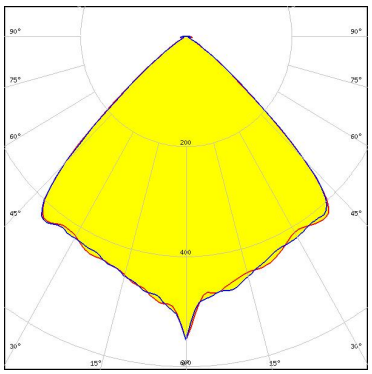
LED	J Series 5050 Round LES
FWHM / FWTM	92.0° / 107.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	92.0° / 110.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

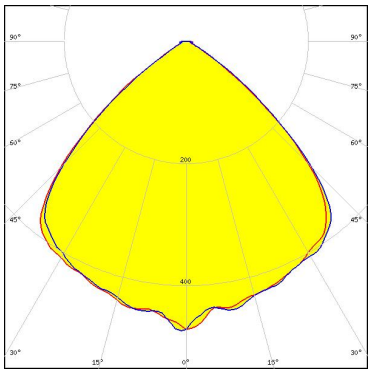


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

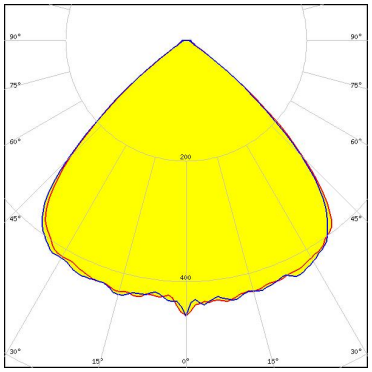
LED	LUXEON 2835 Line
FWHM / FWTM	95.0° / 117.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	



Light distribution files

NICHIA

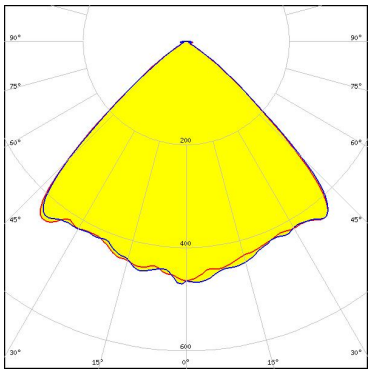
LED	NFMW48xA
FWHM / FWTM	93.8° / 112.0°
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	94.0° / 111.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

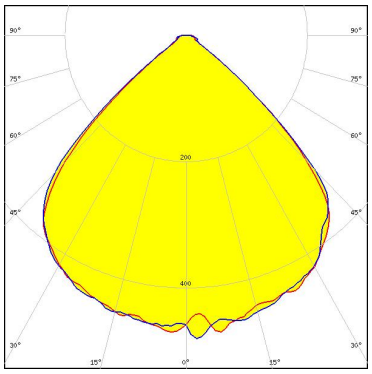


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

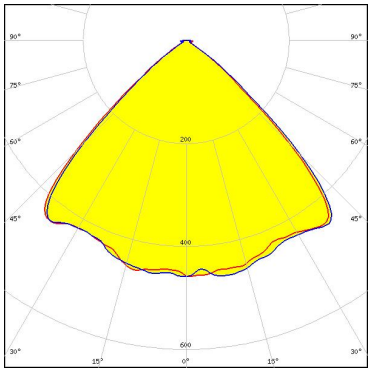
LED	Duris S8
FWHM / FWTM	94.0° / 112.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

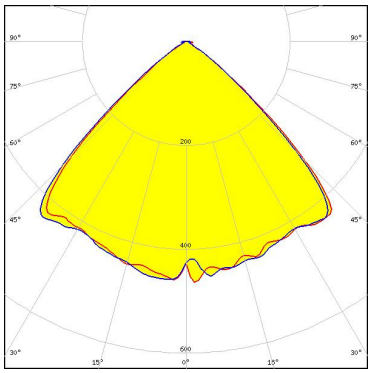
LED	LH231B
FWHM / FWTM	94.0° / 111.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	95.0° / 111.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

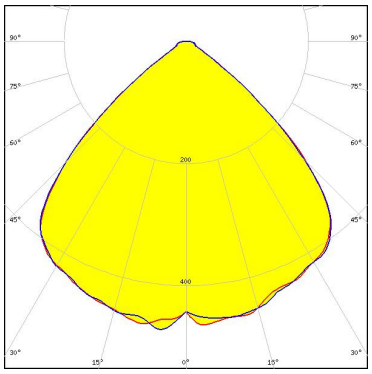


Light distribution files

OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

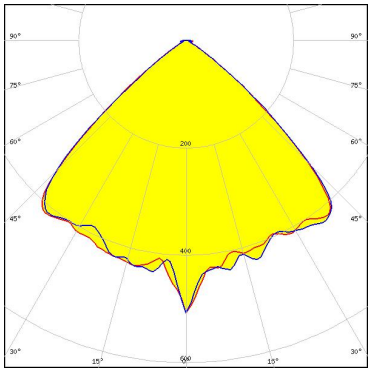
LED	SEOUL DC 3528
FWHM / FWTM	94.0° / 114.0°
Efficiency	95 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	SEOUL DC 3528
FWHM / FWTM	95.0° / 112.0°
Efficiency	94 %
Peak intensity	0.5 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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