

PRODUCT DATASHEET C17413_SPORT-2X2-S4

SPORT-2X2-S4

Slightly asymmetric ~40° spot beam with minimum spill light

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	14.4 mm
Fastening	screw
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
SPORT-2X2-S4	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

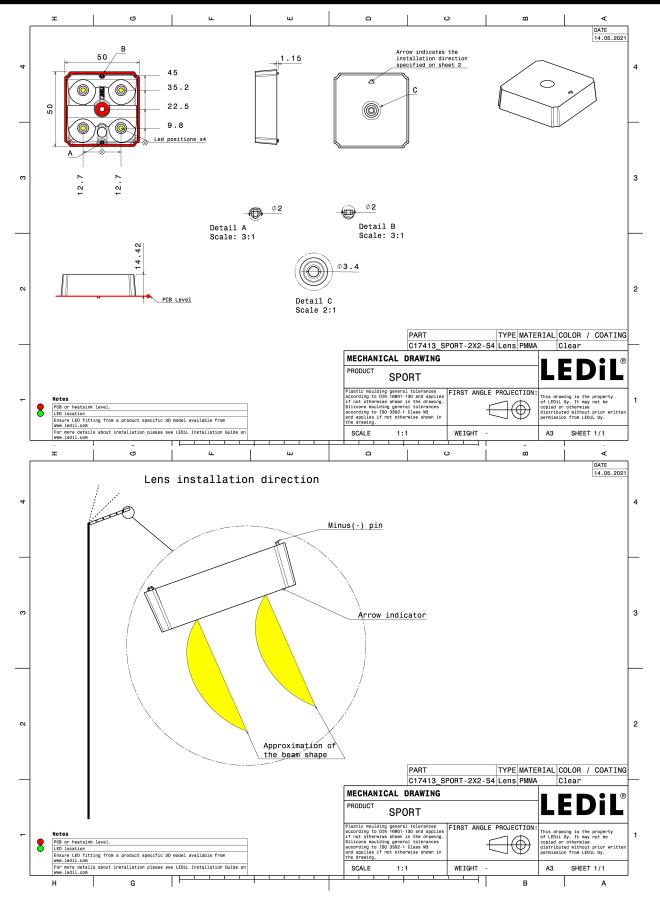
Component

C17413_SPORT-2X2-S4 » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
476	140	28	10.2



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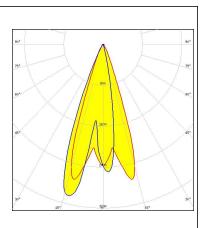


See also our general installation guide: www.ledil.com/installation_guide



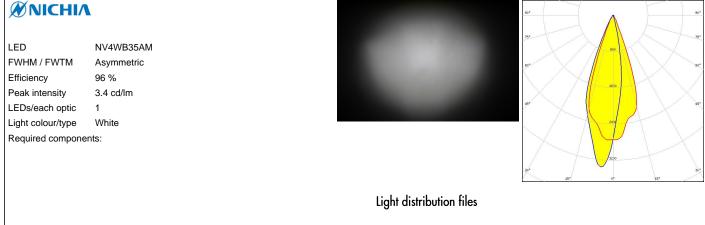
OPTICAL RESULTS (MEASURED):

LED	XP-G4
FWHM / FWTM	Asymmetric
Efficiency	97 %
Peak intensity	4.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required compone	ents:



Light distribution files

ΜΝΙCΗΙΛ LED NV4WB35AM FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 3.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Protective plate, glass



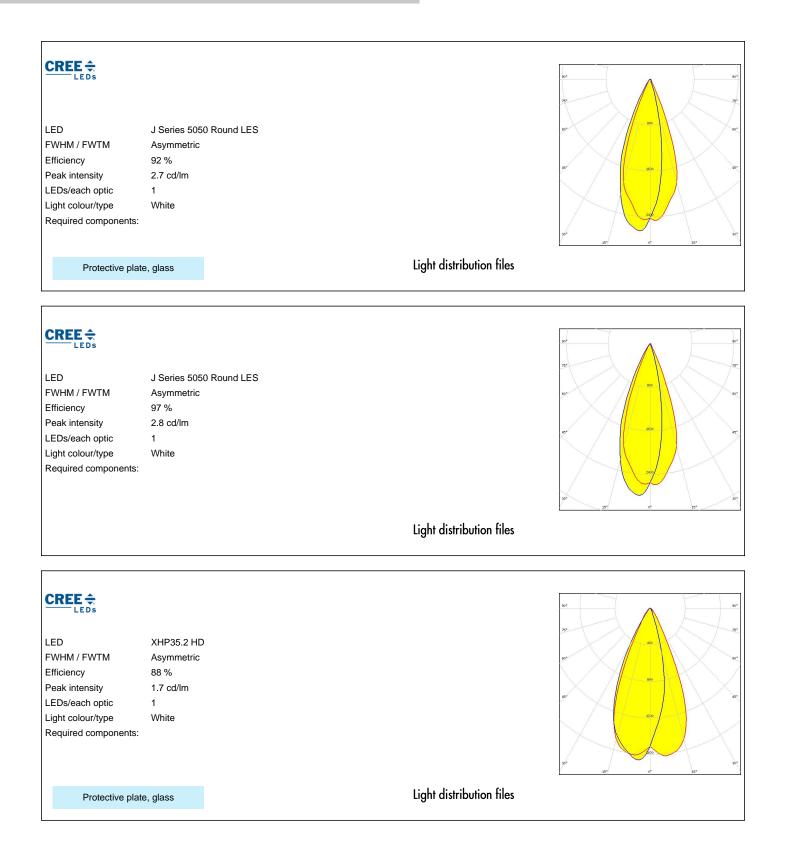


OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors			90* 9
LED	OSCONIQ C 3030		75 200
FWHM / FWTM	Asymmetric		60*
Efficiency	97 %		1670
Peak intensity	4.2 cd/lm		
LEDs/each optic	1		43 ¹⁴ (430)
Light colour/type	White		
Required compone	ents:		
			30°
			15° 4000 35°
		the structure of the st	
		Light distribution files	
τερςοη	n 2	Light distribution files	90 ⁴
		Light distribution files	
LED	PassivePAQ-R-274x51-NI0-21K-857-5	Light distribution files	
LED FWHM / FWTM		Light distribution files	
LED FWHM / FWTM Efficiency	PassivePAQ-R-274x51-NI0-21K-857-5 Asymmetric	Light distribution files	50 ⁴ 50 50 50 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity	PassivePAQ-R-274x51-NI0-21K-857-5 Asymmetric 97 %	Light distribution files	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	PassivePAQ-R-274x51-NI0-21K-857-5 Asymmetric 97 % 3.3 cd/lm	Light distribution files	20 60 800
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	PassivePAQ-R-274x51-NI0-21K-857-5 Asymmetric 97 % 3.3 cd/lm 1 White	Light distribution files	25 64 162
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	PassivePAQ-R-274x51-NI0-21K-857-5 Asymmetric 97 % 3.3 cd/lm 1 White	Light distribution files	25 64 162
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	PassivePAQ-R-274x51-NI0-21K-857-5 Asymmetric 97 % 3.3 cd/lm 1 White	Light distribution files	27 64 800

Last update: 04/07/2024Subject to change without prior noticePublished: 07/07/2020LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.4/24





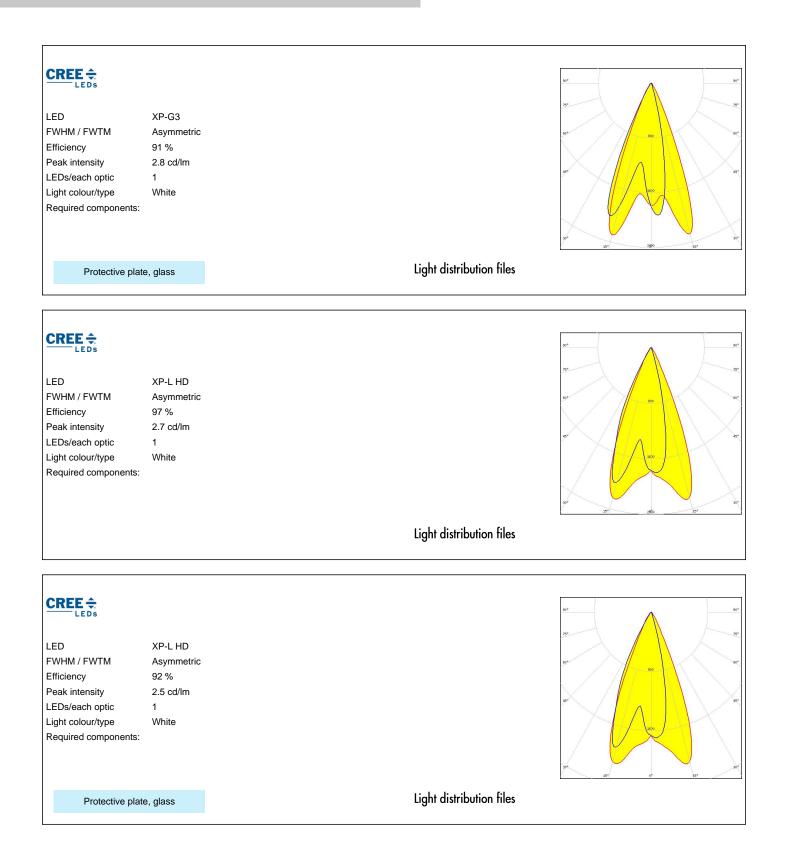


CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XHP35.2 HD Asymmetric 96 % 1.9 cd/lm 1 White	
		Light distribution files
CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XHP35.2 HI Asymmetric 88 % 2.3 cd/lm 1 White	Light distribution files
CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XHP35.2 HI Asymmetric 96 % 2.5 cd/lm 1 White	Light distribution files

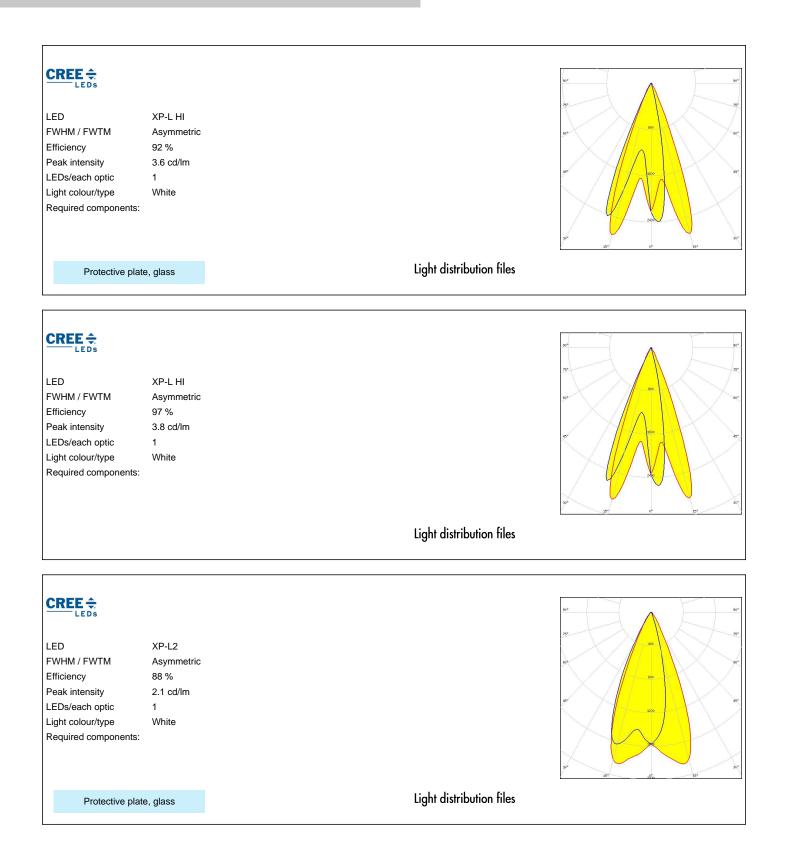


M-L3 symmetric 9 % 1 cd/lm	Light distribution files	59 ⁴ 60 ⁴
symmetric) %		
hite	Light distribution files	90 90 90 90 90 90 90 90 90 90 90 90 90 9
P-G2 HE symmetric ' % 1 cd/lm hite		220 200 200 200 200 200 200 200
	G2 HE mmetric 6 cd/lm	G2 HE mmetric 6 cd/lm











CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-L2 Asymmetric 96 % 2.3 cd/lm 1 White		94. 10. 10. 10. 10. 10. 10. 10. 10
		Light distribution files	
Contraction of the second seco	LUXEON 3030 2D (Round LES) Asymmetric 92 % 4 cd/lm 1 White	Light distribution files	20, 0, 22, 0, 20, 20, 20, 20, 20, 20, 20
CONTRACTOR OF CONTRACTOR CONTRA TOR CONTRA T	LUXEON 5050 HE Asymmetric 97 % 2.7 cd/lm 1 White		20- 20- 20- 20- 20- 20- 20- 20-
		Light distribution files	



)S		90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON 5050 HE Asymmetric 89 % 2.5 cd/lm 1 White		27 60 50 50 50 50 50 50 50 50 50 50 50 50 50
Protective plate	e, glass	Light distribution files	
LUMILEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON 5050 Round LES Asymmetric 92 % 2.7 cd/lm 1 White		21, 21, 21, 21, 21, 21, 21, 21,
Protective plate	e, glass	Light distribution files	
CUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON 5050 Square LES Asymmetric 97 % 2.8 cd/lm 1 White		90° 77 60° 900 1600 234
			10) 0" 15"



CONTRACTOR	LUXEON 5050 Square LES Asymmetric 92 % 2.7 cd/lm 1 White		200
Protective plate	e, glass	Light distribution files	
CUMILEE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON 7070 Asymmetric 96 % 1.7 cd/lm 1 White	Light distribution files	997 - 757 - 657 - 757 -
CUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON HL4Z Asymmetric 97 % 3.8 cd/lm 1 White		
		Light distribution files	

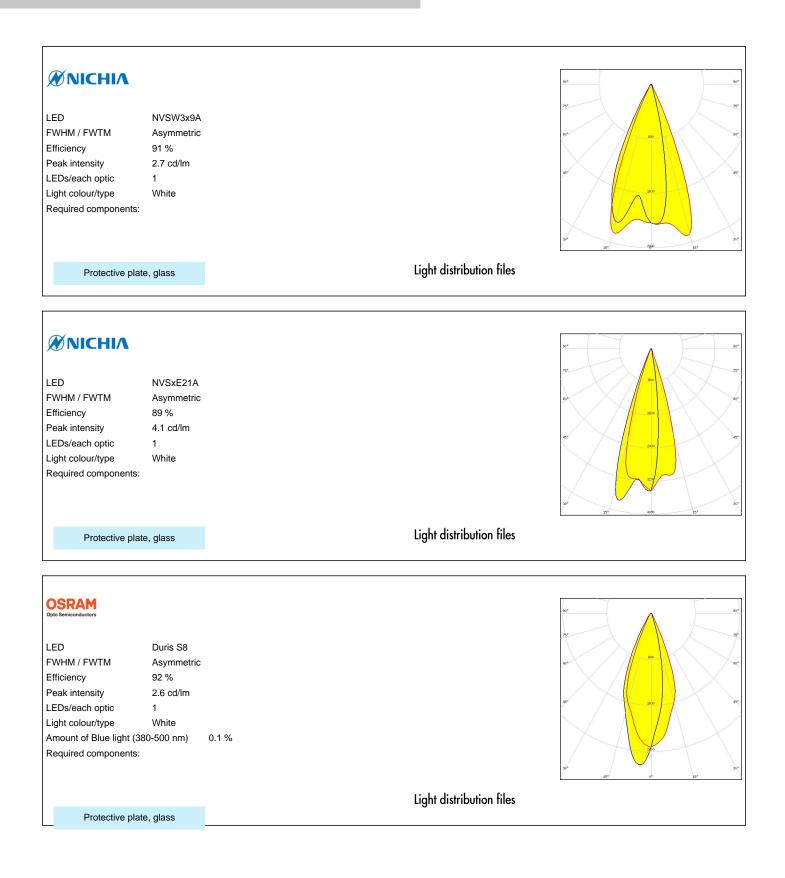


	S		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON HL4Z Asymmetric 91 % 3.3 cd/m 1 White		
Protective plate	, glass	Light distribution files	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON XR-HL2X (L2H2-xxxxxMLU010) Asymmetric 89 % 2.5 cd/lm 1 White		9, 19, 0, 19, 9, 6, 0, 6, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
Protective plate	a, glass	Light distribution files	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LUXEON XR-HL2X (L2H2-xxxxxxMLU010) Asymmetric 97 % 2.8 cd/lm 1 White	Light distribution files	27 27 27 27 20 27 27 27 27 27 27 27 27 27 27
		Light distribution files	



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SST-70X-WCS Asymmetric 89 % 2 cd/lm 1 White	92* 93* 00- 01- 02* 1500 1500 1500
Protective plate	e, glass	Light distribution files
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SST-70X-WCS Asymmetric 97 % 2.2 cd/lm 1 White	
		Light distribution files
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NVSW219F Asymmetric 92 % 3.1 cd/lm 1 White	
Protective plate	e dass	Light distribution files

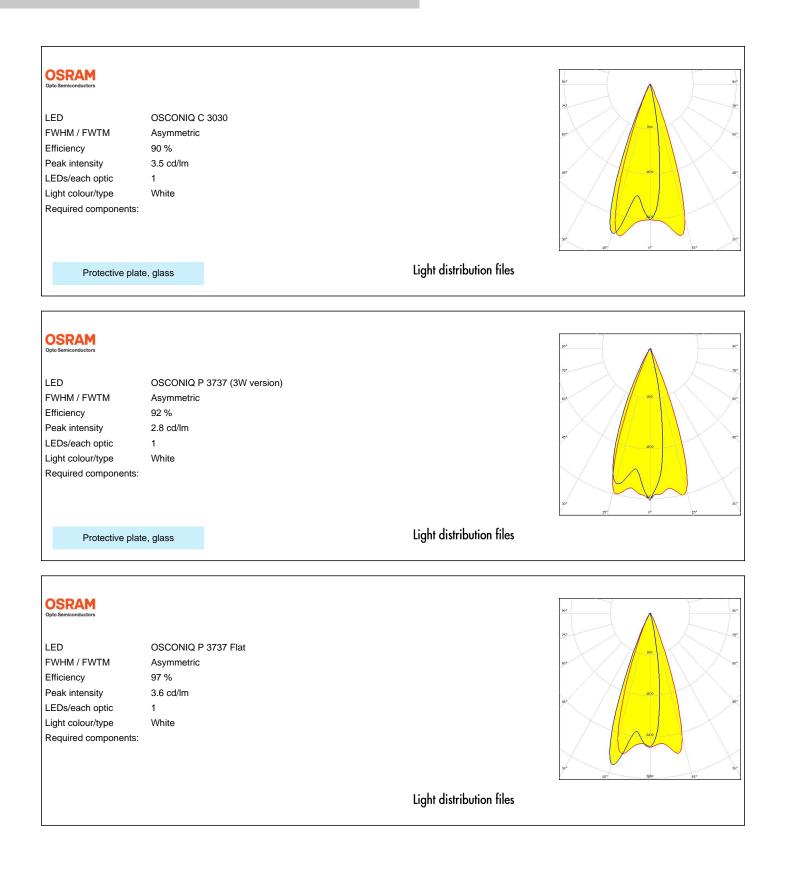






Determined of the semiconductors	Duris S8 Asymmetric 97 % 2.8 cd/lm 1 White	
		Light distribution files
COSERAN Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ C 2424 Asymmetric 97 % 2.9 cd/lm 4 White	Light distribution files
Coro Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ C 3030 Asymmetric 97 % 4 cd/lm 1 White	Light distribution files







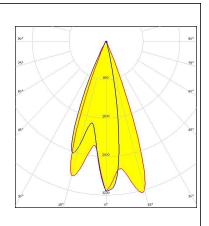
COSERCING Development LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ S 5050 Asymmetric 97 % 2.8 cd/lm 1 White		90 75 90 97 97 90 90 90 90 90 90 90 90 90 90
		Light distribution files	
COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: Protective plate	OSCONIQ S 5050 Asymmetric 89 % 2.6 cd/lm 1 White	Light distribution files	99 ⁴ 99 ⁴ 99 ⁵ 99 ⁶ 90 ⁶ 9
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON Square CSSRM2/CSSRM3 Asymmetric 91 % 3.7 cd/lm 1 White		93 93 94 95 96 96 96 96 96 96 96 96 96 96
Protective plate	, glass	Light distribution files	



OSRAM Opto Semiconductors

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour/type
Required components:

OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 4 cd/lm 1 White



Light distribution files





SAMSUN LED FWHM / FWTM	LH351D Asymmetric		99*
Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	91 % 2.2 cd/lm 1 White		30° 45° 15° 15° 15° 15° 15° 15° 15° 15° 15° 1
Protective plate	, glass	Light distribution files	
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	CLH351D Asymmetric 96 % 2.3 cd/lm 1 White	Light distribution files	200 201 201 00 00 00 00 00 00 00 00 00 00 00 00 0
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502C Asymmetric 90 % 2.6 cd/lm 1 White		200 200 200 200 200 200 200 200
Protective plate	, glass	Light distribution files	



SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	LH502C Asymmetric 97 % 2.8 cd/lm 1 White		20 20 20 20 20 20 20 20 20 20
		Light distribution files	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SEOUL DC 5050 6V Asymmetric 97 % 2.8 cd/lm 1 White	Light distribution files	20 ¹ 20
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SEOUL DC 5050 6V Asymmetric 92 % 2.6 cd/lm 1 White		22 00 00 00 22 00 00 00 00 00 00 00 00 00 00 00 00 00
Protective plate	ə, glass	Light distribution files	



SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M3 Asymmetric 91 % 3.1 cd/lm 1 White	
Protective pla	ite, glass	Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: Protective pla		Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M4 Asymmetric 97 % 3.5 cd/lm 1 White	Light distribution files



SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M5 Asymmetric 97 % 3.2 cd/lm 1 White	
		Light distribution files
SEOUL SEMICONDUCTOR		90 ⁴ 99 ⁷
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M5 Asymmetric 92 % 3 cd/lm 1 White	
Protective plat	e, glass	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:

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:

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