

# PRODUCT DATASHEET CA13724\_VERONICA-SQ-RS

# **VERONICA-SQ-RS**

~13° spot beam

#### **SPECIFICATION:**

Dimensions	Ø 22.5
Height	12.2 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



#### **MATERIALS:**

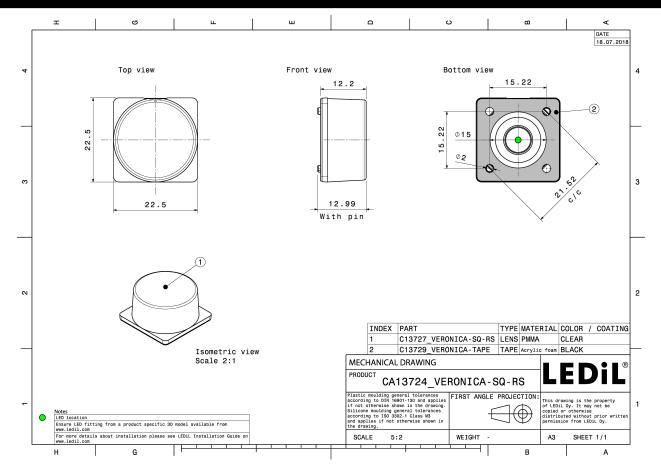
Component	Туре	Material	Colour	Finish	Length (mm)
VERONICA-SQ-RS	Single lens	PMMA	clear		
VERONICA-TAPE	Таре	Acryl tape	clear		

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13724_VERONICA-SQ-RS	Single lens	1980	360	90	8.2
» Box size: 476 x 273 x 197 mm					

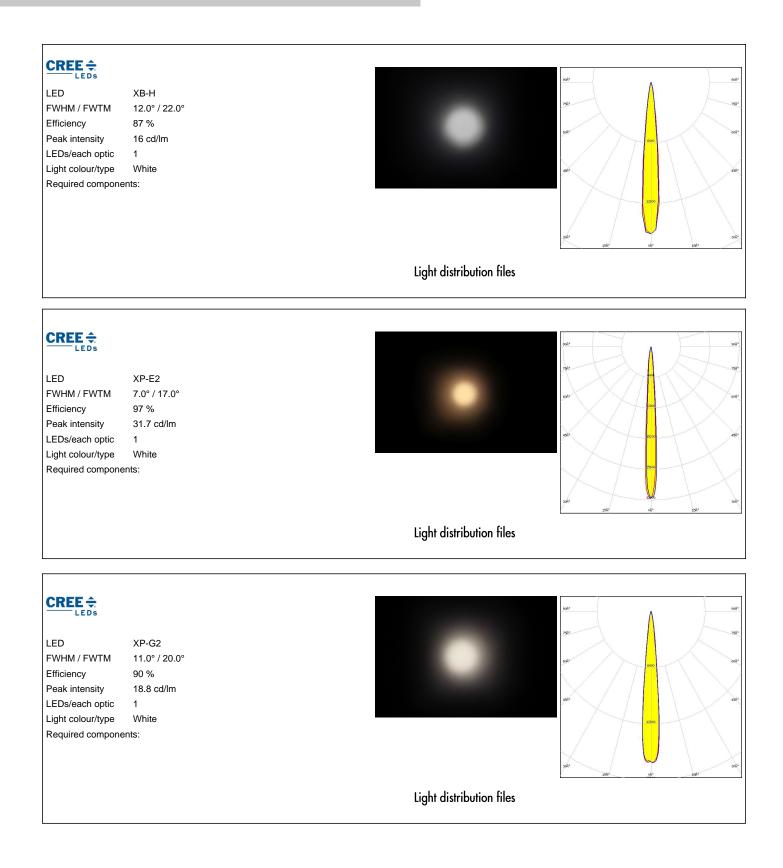


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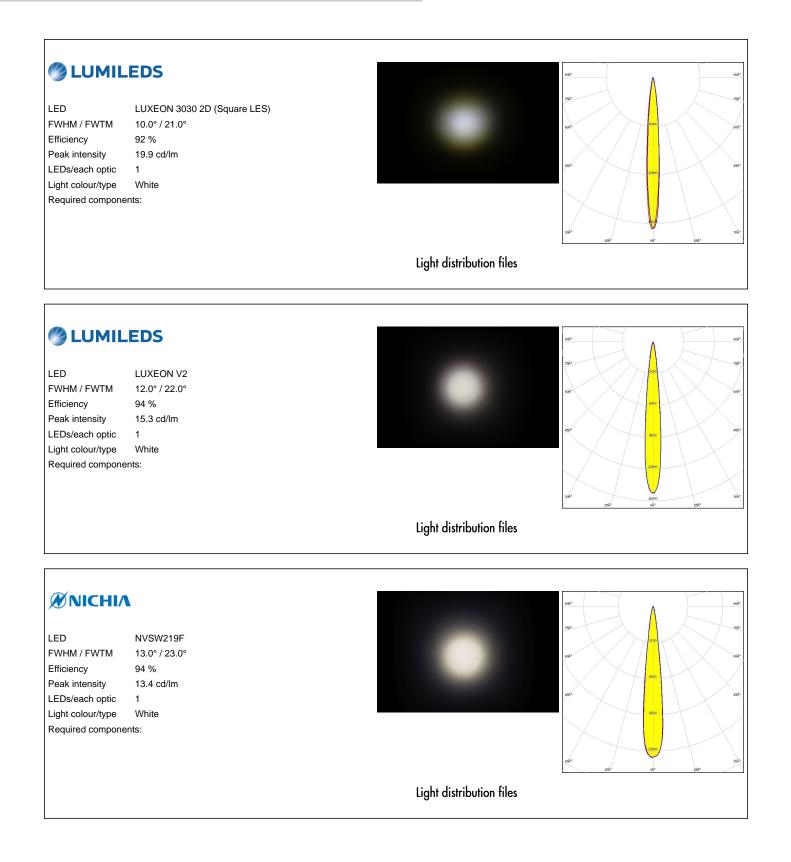


See also our general installation guide: www.ledil.com/installation\_guide

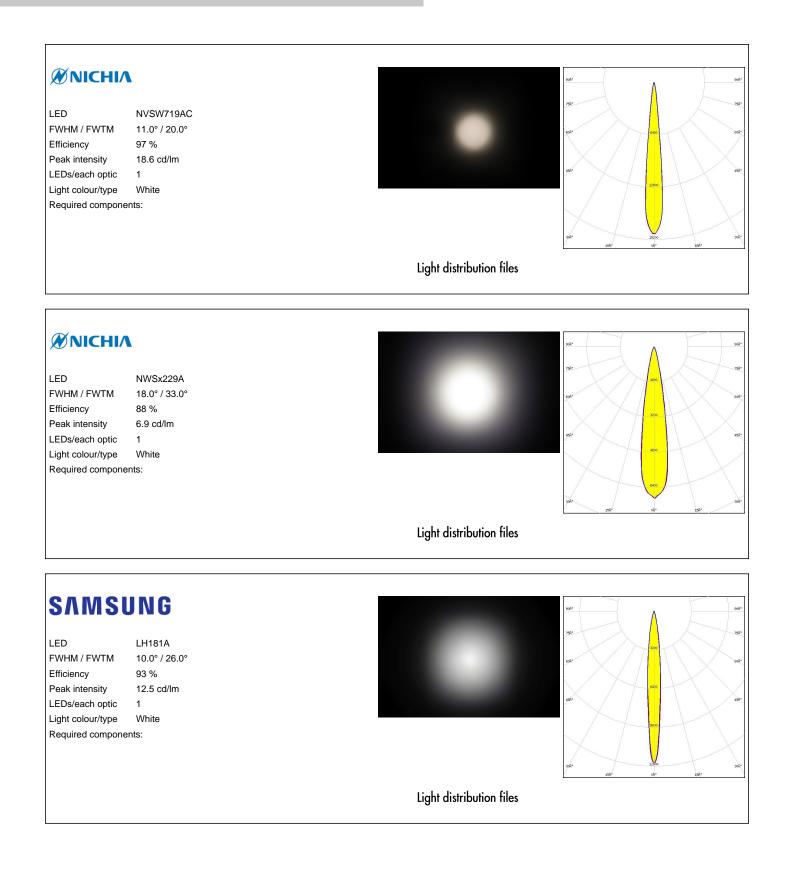




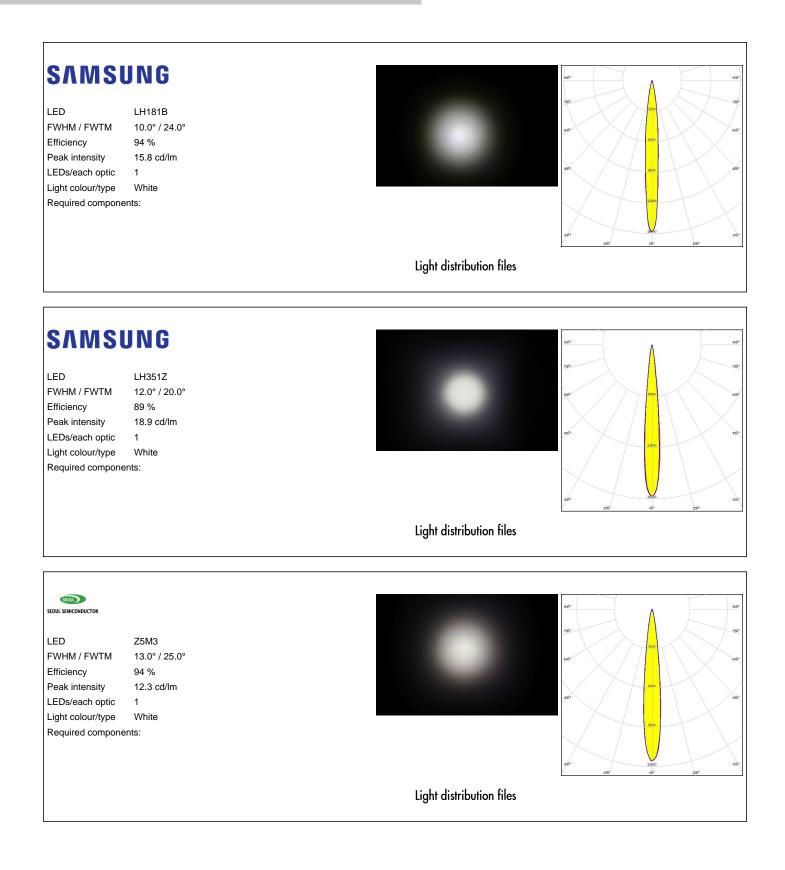














SECUL SECUL SEMICONDUCTOR		400 Vilo Vilo Vilo Vilo Vilo Vilo Vilo Vilo
LED	Z8Y22P	758
FWHM / FWTM	12.0° / 26.0°	6Å*
Efficiency	86 %	
Peak intensity	11.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required compon	ents:	
		Light distribution files
SECOND SEMICONDUCTOR		90°
	Z8Y50P	Light distribution files
EOUL SEMICONDUCTOR	Z8Y50P 25.0° / 52.0°	54
EOUL SEMICONDUCTOR LED FWHM / FWTM		99 <sup>4</sup>
EOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	25.0° / 52.0°	
EOUL SEMICONDUCTOR LED EWHM / FWTM Efficiency Peak intensity	25.0° / 52.0° 86 %	99 <sup>4</sup>
EOUL SEMICONDUCTOR	25.0° / 52.0° 86 % 2.8 cd/lm	
EOUL SEMICONDUCTOR ED EWHM / FWTM Efficiency Peak intensity LEDs/each optic	25.0° / 52.0° 86 % 2.8 cd/lm 1 White	



CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XHP35.2 HD 20.0° / 37.0° 94 % 5.5 cd/lm 1 White	Light distribution files
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	XM-L 15.0° 91 % 1 White	
		Light distribution files
CREE ÷		
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	XM-L2 15.0° 92 % 1 White	
		Light distribution files



LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	XP-E 8.0° 92 % 1 White	
		Light distribution files
CREE <del>\$</del> LEDs		
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	XP-E2 8.0° 92 % 1 White	
		Light distribution files
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-E2 10.0° / 19.0° 96 % 24.7 cd/lm 1 Amber	100 100 100 100 100 100 100 100
		Light distribution files



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LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	XP-G 10.0° 92 % 1 White	
		Light distribution files
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G2 HE 14.0° / 27.0° 98 % 11.5 cd/lm 1 White	Light distribution files
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G4 12.0° / 20.0° 96 % 17.1 cd/lm 1 White	94 97 97 97 97 1000 1000 1000 1000 1000 10
		Light distribution files



		947
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-G4 HI 8.0° / 18.0° 96 % 23.7 cd/lm 1 White	292* 694* 594* 1200 594* 1200
		Light distribution files
CREE ÷ LED FWHM / FWTM Efficiency	XP-L2 16.0° / 32.0° 95 %	95° 27 500 800
Peak intensity LEDs/each optic Light colour/type Required components:	7.7 cd/lm 1 White	20 <sup>4</sup> 20 <sup>5</sup> 20 <sup>5</sup>
		Light distribution files
		94*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XP-P 6.0° / 14.0° 96 % 44.5 cd/lm 1 White	298 60 <sup>4</sup>
		Light distribution files



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CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E 10.0° / 20.0° 90 % 20.4 cd/lm 1	934 736 637 537	
Light colour/type Required components:	White	sint distribution film	a istr
		Light distribution files	
	)S	581	
LED FWHM / FWTM	LUXEON 3030 HV 10.0° / 21.0°	000 <sup>-</sup>	
Efficiency Peak intensity	94 % 21 cd/lm		
LEDs/each optic	1	9 <del>3</del> 7	»
Light colour/type Required components:	White	300* 200	
		Light distribution files	191
	)S		
LED	LUXEON A		
FWHM / FWTM Efficiency	11.0° 90 %		
LEDs/each optic	1		
Light colour/type Required components:	White		
		Light distribution files	



#### LUMILEDS I FD LUXEON HL2Z FWHM / FWTM 10.0° / 22.0° Efficiency 95 % Peak intensity 19.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON HL4Z I FD FWHM / FWTM 12.0° / 22.0° Efficiency 95 % Peak intensity 15.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LED LUXEON R FWHM / FWTM 11.0° Efficiency 90 % LEDs/each optic 1 Light colour/type White Required components: Light distribution files

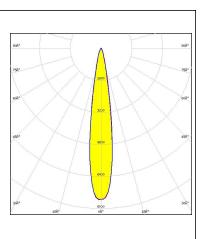


#### LUMILEDS LED LUXEON Rebel FWHM / FWTM 9.0° Efficiency 90 % LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON Rebel ES I FD FWHM / FWTM 11.0° Efficiency 90 % LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON T LED FWHM / FWTM 12.0° / 22.0° Efficiency 96 % Peak intensity 16.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



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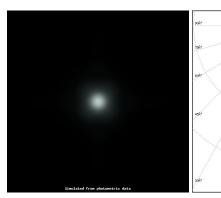
LED	LUXEON V
FWHM / FWTM	17.0° / 31.0°
Efficiency	94 %
Peak intensity	7.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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- LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:
- SFT-40 Gen2 10.0° / 20.0° 96 % 20.8 cd/lm 1 White



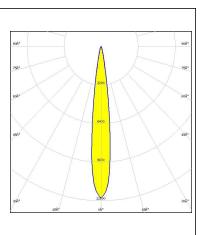
Light distribution files

	NUS	
LED	SFT-40-WCS	
FWHM / FWTM	10.0° / 20.0°	ester feature aster
Efficiency	96 %	
Peak intensity	21.5 cd/lm	
LEDs/each optic	1	est* (200) + +++++++++++++++++++++++++++++++++
Light colour/type	White	
Required components	s:	
		ave tak of tak
		Light distribution files



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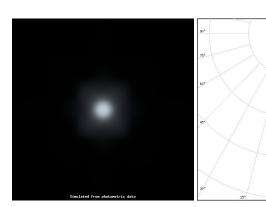
LED	SFT-70X-WCS
FWHM / FWTM	14.0° / 24.0°
Efficiency	96 %
Peak intensity	12.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: SFT-70X-WES-Gen2 14.0° / 24.0 + 26.0° 96 % 11.9 cd/lm 1 White



Light distribution files

# LED NCSxx19A FWHM / FWTM 8.0° Efficiency 88 % LEDs/each optic 1 Light colour/type White Required components: Light distribution files



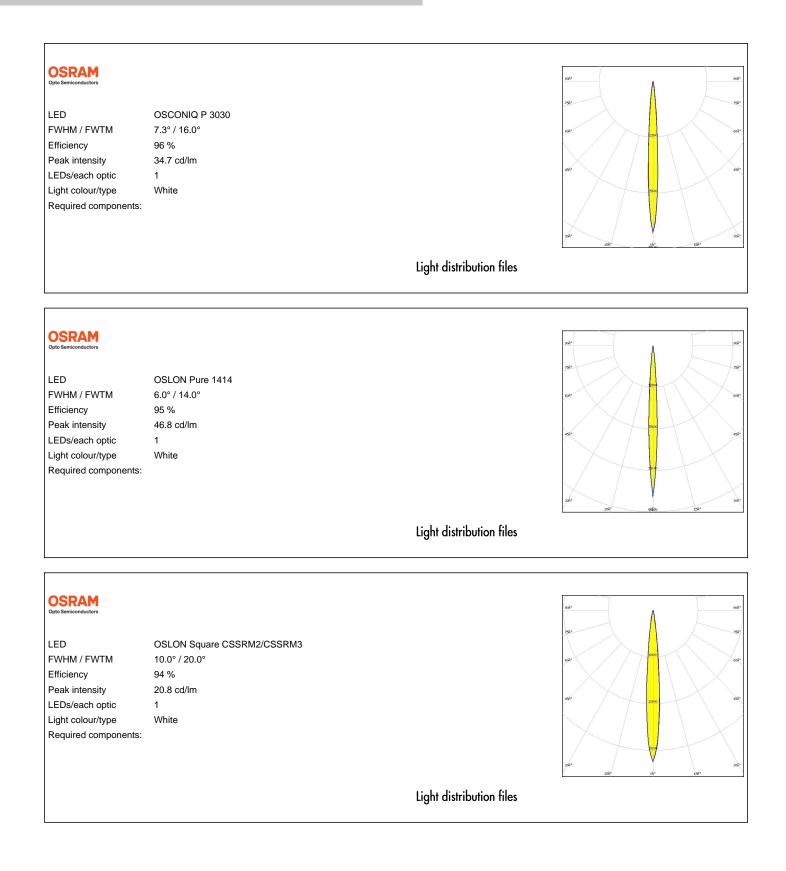
#### **ΜΝΙCΗΙΛ** I FD NF2x757G FWHM / FWTM 10.0° / 21.0° Efficiency 96 % Peak intensity 18.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ NV4WB35AM I FD 18.0° / 32.0° FWHM / FWTM Efficiency 96 % Peak intensity 7.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **MNICHIA** NVSW719AC LED FWHM / FWTM 12.0° / 20.0° Efficiency 96 % Peak intensity 18.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



#### **Μ**ΝΙCΗΙΛ LED NVSxE21A FWHM / FWTM 9.4° / 21.0° Efficiency 94 % Peak intensity 20.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ LED NVSxx19A 15.0° / 28.0° FWHM / FWTM 96 % Efficiency 10.7 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files **MNICHIA**

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	11.0°
Efficiency	89 %
LEDs/each optic	1
Light colour/type	White
Required components:	







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OSRAM opto Semiconductors	OSLON Square EC 10.0° / 19.0° 94 % 20.2 cd/lm 1 White	
		Light distribution files
OSRAM Opto Semiconductors		
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	OSLON Square PC 10.0° 90 % 1 White	
		Light distribution files
OSRAM Opto Semiconductors		
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	OSLON SSL 150 8.0° 91 % 1 White	
		Light distribution files



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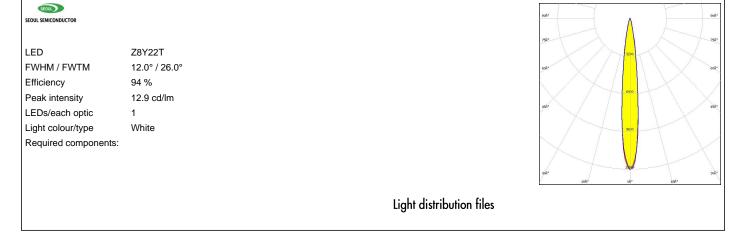
Opto Semiconductors		908* 258*
	OSLON SSL 80	eder
FWHM / FWTM Efficiency	7.0° 90 %	
LEDs/each optic	1	ati -
Light colour/type	White	Ecol
Required components:		
		34 <sup>4</sup> * 32-00
		Light distribution files
сллени		
SVWSAL		2017
LED	LH181B	292
FWHM / FWTM	11.0° / 23.0°	50 <sup>2</sup>
Efficiency	94 %	
Peak intensity LEDs/each optic	17 cd/lm 1	98 <sup>2</sup>
Light colour/type	White	1000
Required components:		
		xiv / / /
		-tet % be
		Light distribution files
SAMSU	IG	
LED	LH351B	
FWHM / FWTM	12.0°	
Efficiency	93 %	
LEDs/each optic Light colour/type	1 White	
Required components:		



SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	MJT 3030 10.0° / 20.0° 95 % 21.1 cd/lm 1 White	
		Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5 6.0° / 13.0° 95 % 56.6 cd/lm 1 White	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M4 14.0° / 26.0° 96 % 12.2 cd/lm 1 White	Image: state of the state



SEOUL SEMICONDUCTOR		99*
LED	Z5M4-E1	25
FWHM / FWTM	13.0° / 25.0 + 26.0°	90 <sup>4</sup>
Efficiency	96 %	
Peak intensity	12.3 cd/lm	( CBB )
LEDs/each optic	1	
_ight colour/type	White	
Required components	5	
		30 <sup>4</sup> 12000           Simulated from photometric data         20 <sup>4</sup>
		SIAULACED THOM PROCEEDIC DATA
<b>@</b>		Light distribution files
		Light distribution files
EEOUL SEMICONDUCTOR	Z5M4-E2	Light distribution files
EOUL SEMICONDUCTOR	Z5M4-E2 14.0° / 27.0°	Light distribution files
EOUL SEMICONDUCTOR LED EWHM / FWTM Efficiency	14.0° / 27.0° 96 %	Light distribution files
EOUL SEMICONDUCTOR LED EWHM / FWTM Efficiency Peak intensity	14.0° / 27.0°	Light distribution files
ED EWHM / FWTM Efficiency Peak intensity LEDs/each optic	14.0° / 27.0° 96 % 11 cd/lm 1	94 <sup>3</sup> 27 61
EOUL SEMICONDUCTOR ED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	14.0° / 27.0° 96 % 11 cd/lm 1 White	94 <sup>3</sup> 27 61
ED EWHM / FWTM Efficiency Peak intensity .EDs/each optic .ight colour/type	14.0° / 27.0° 96 % 11 cd/lm 1 White	94 <sup>3</sup> 27 61
EOUL SEMICONDUCTOR	14.0° / 27.0° 96 % 11 cd/lm 1 White	94 <sup>3</sup> 27 61
EOUL SEMICONDUCTOR ED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	14.0° / 27.0° 96 % 11 cd/lm 1 White	94 <sup>3</sup> 27 61





#### **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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