

# PRODUCT DATASHEET WINNIE-S

# WINNIE-S

~20° spot beam. Holder with 35 mm screw hole distance according to Zhaga standard. Compatible with Bender+Wirth 4xx Typ L5 connector.

#### **SPECIFICATION:**

Dimensions	Ø 49.8
Height	19.3 mm
Fastening	screw
ROHS compliant	yes 🛈



### **MATERIALS:**

Component	Туре	Material	Colour	Finish	Length (mm)
C14232_WINNIE-S	Single lens	PMMA	clear		
C14235_WINNIE-HOLDER	Holder	PC	white		

#### **ORDERING INFORMATION:**

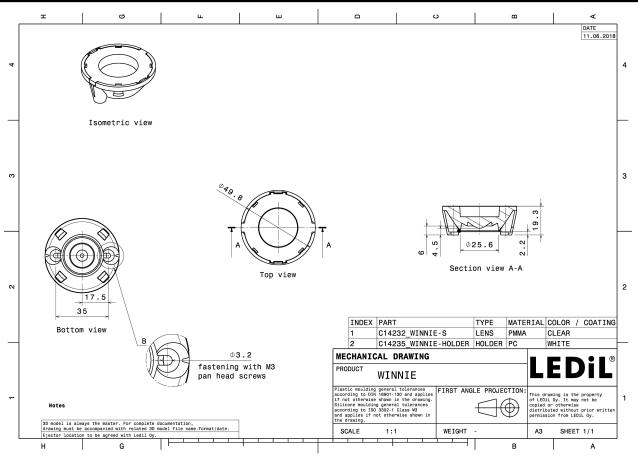
Quantities for one set:Single lens1Holder1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C14232_WINNIE-S » Box size: 480 x 280 x 300 mm	Single lens	364	84	28	7.0
C14235_WINNIE-HOLDER _» Box size: 480 x 280 x 300 mm	Holder	1820	84	28	7.2



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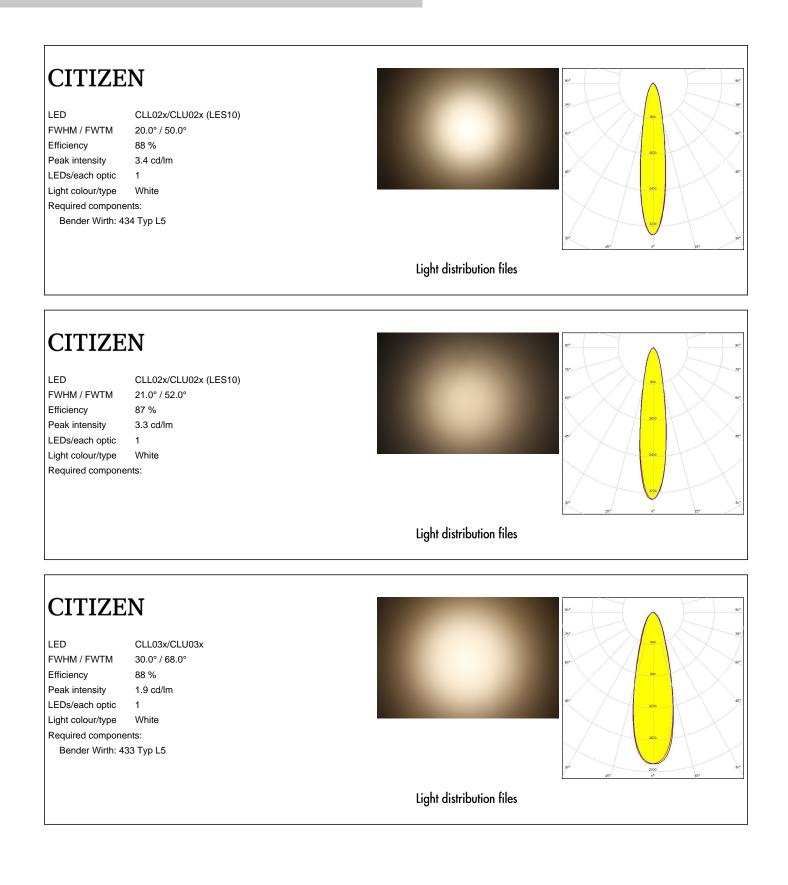


See also our general installation guide: <u>www.ledil.com/installation\_guide</u>

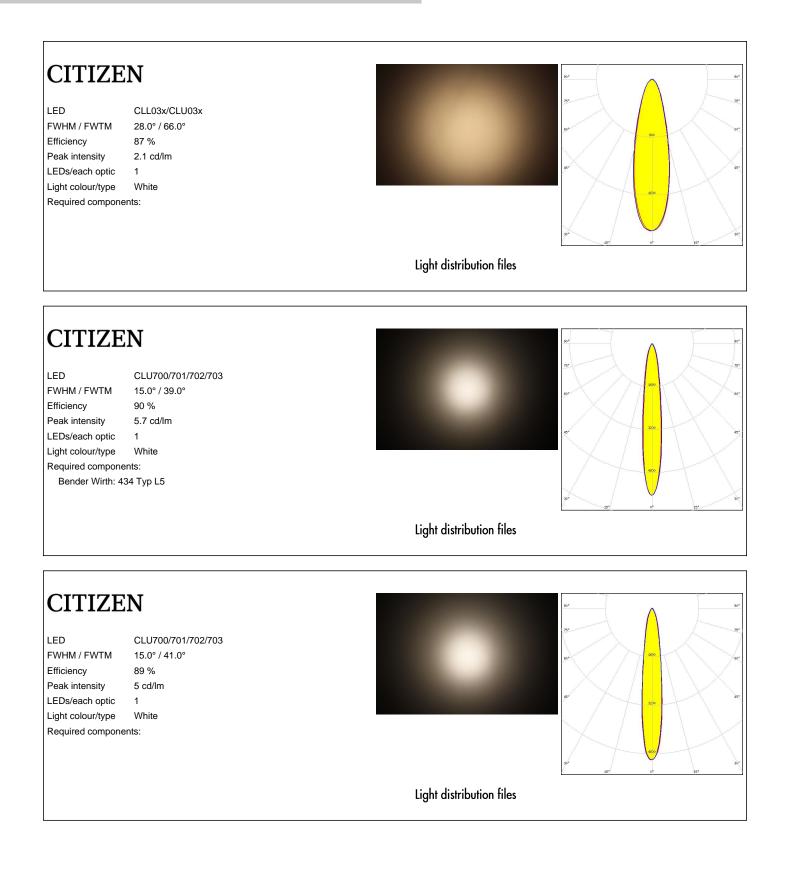


Light distribution files
Light distribution files
Light distribution files

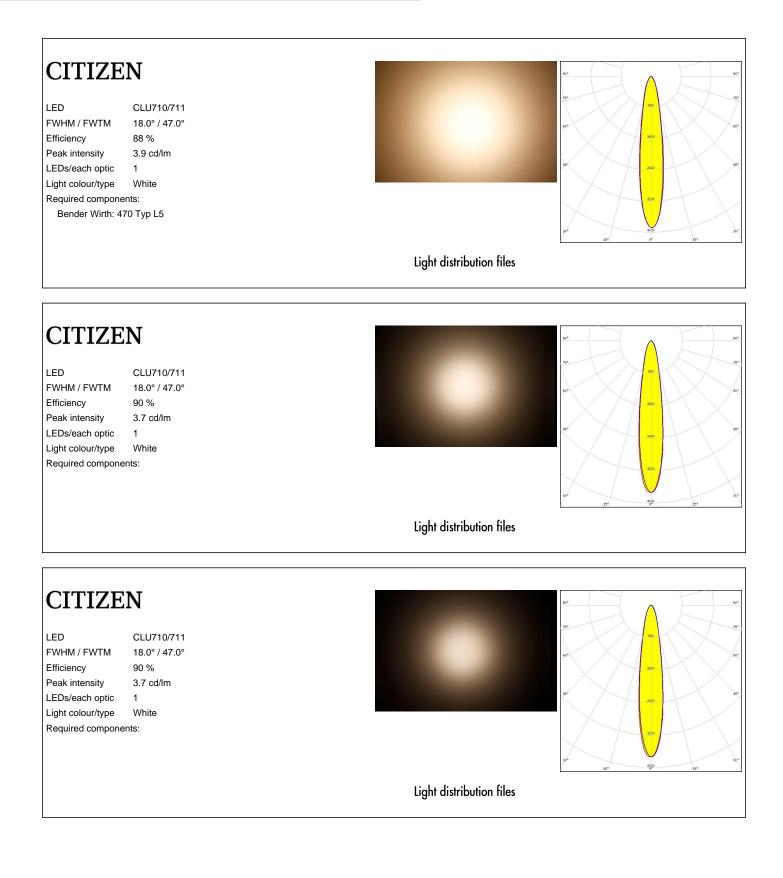




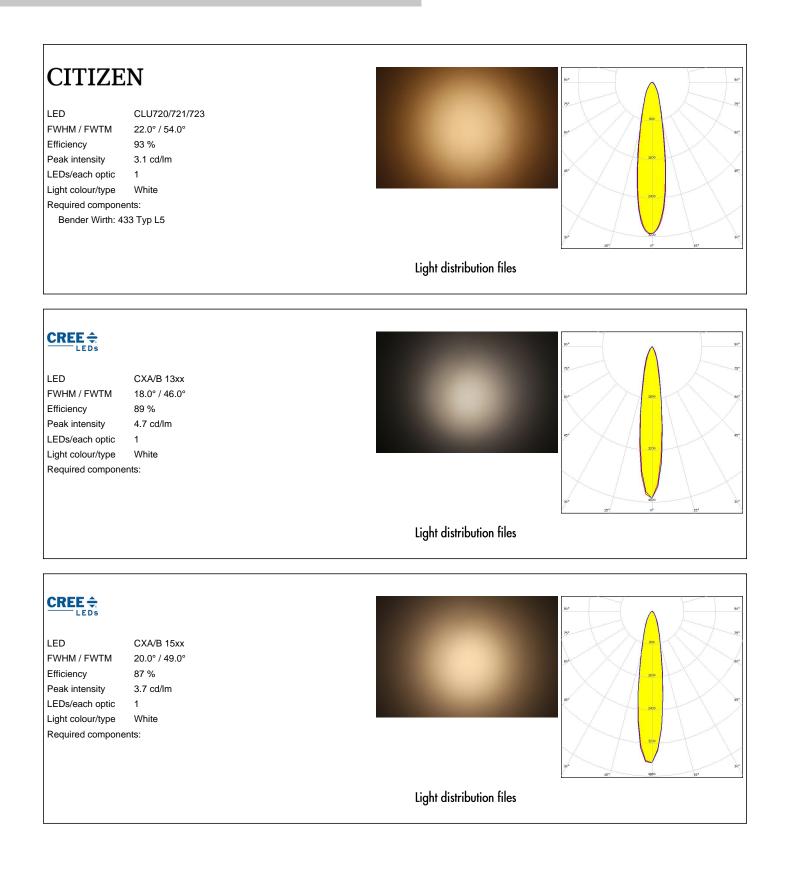




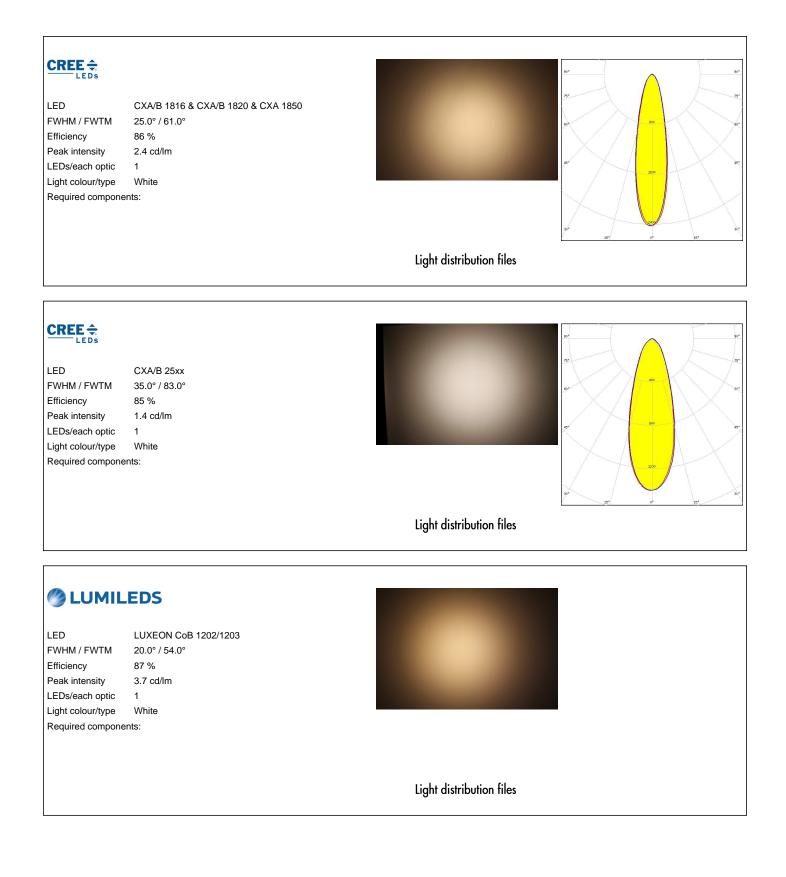




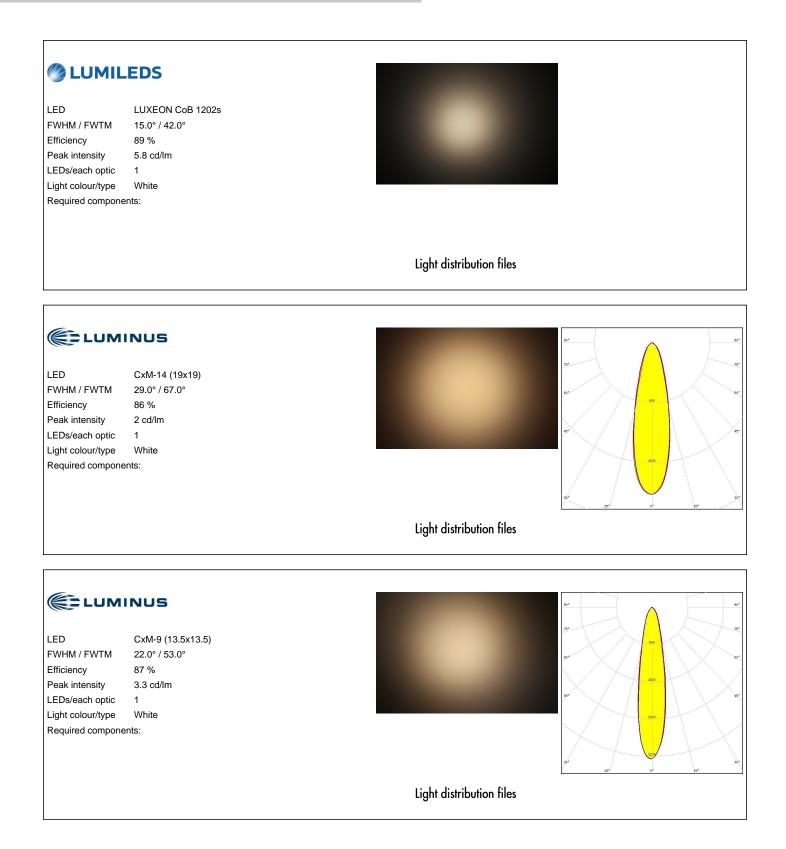














Coro Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Duris S10 18.0° / 51.0° 88 % 4 cd/lm 1 White ents:	
		Light distribution files
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Soleriq S13 26.0° / 64.0° 88 % 2.3 cd/lm 1 White ents:	Light distribution files
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Soleriq S19 33.0° / 77.0° 88 % 1.6 cd/lm 1 White ents:	Fight distribution files

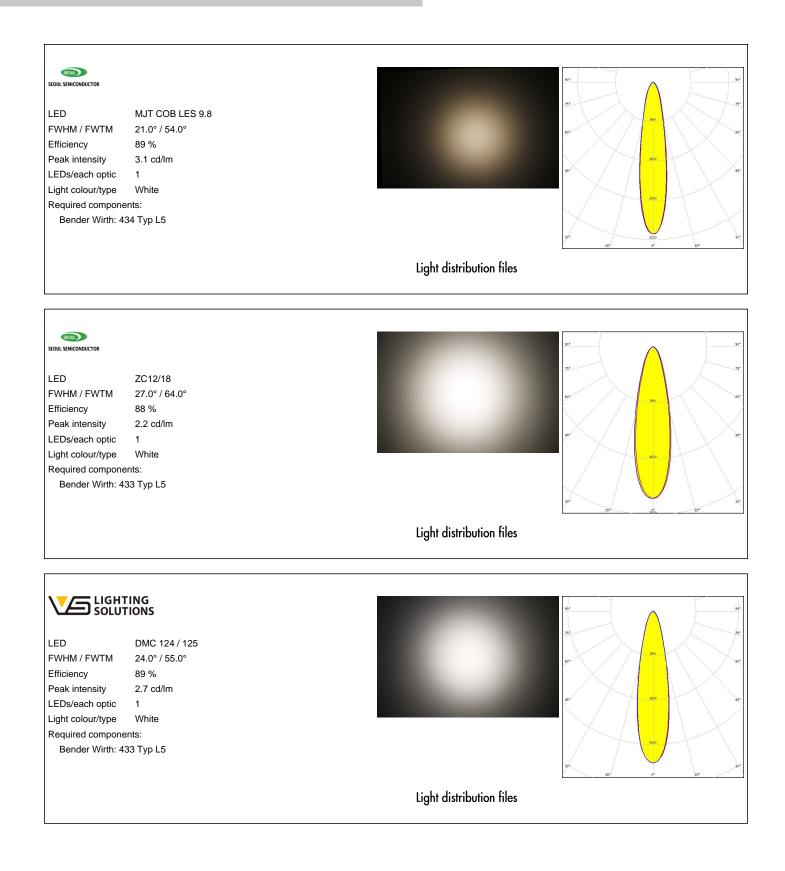
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#### SAMSUNG LED LC003D / LC006D / LC009D / LC013D FWHM / FWTM 20.0° / 51.0° Efficiency 87 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LC016D / LC019D / LC026D / LC033D LED FWHM / FWTM 30.0° / 72.0° Efficiency 86 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SEOUL 90 SEOUL SEMICONDUCTOR LED MJT COB LES 14.5 FWHM / FWTM 33.0° / 79.0° Efficiency 86 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Bender Wirth: 433 Typ L5 Light distribution files

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	ING IONS				93 <sup>3</sup>
LED	DMC 128				130 73
FWHM / FWTM	30.0° / 67.0°				60 60
Efficiency	88 %				
Peak intensity	2 cd/lm				
LEDs/each optic	1				47 - 1230 - 45
Light colour/type	White				
Required compone	nts:				1630
Bender Wirth: 43	33 Typ L5				39 <sup>4</sup> 25 <sup>7</sup> 0 <sup>4</sup> 15 <sup>4</sup> 32
			Light distrib	oution files	



bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	V13 Gen7 26.0° / 60.0° 91 % 2.6 cd/lm 1 White		3°, 72°, 6°, 72°, 5°, 6°, 72°, 6°, 6°, 72°, 6°, 73°, 6°, 73°, 6°, 75°, 6°, 75°, 6°, 75°, 6°, 75°, 6°, 75°, 6°, 75°, 6°, 75°, 6°, 75°, 6°, 75°, 75°, 75°, 75°,
		Light distribution files	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: Bender Wirth: 448 Ty	CXA/B 13xx 12.0° / 25.0° 88 % 10.1 cd/lm 1 White		30° 50° 50°   30° 60° 60°   30° 60° 60°
		Light distribution files	
CREE <del>\$</del> LEDs			50 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	MHD-E/G 16.0° / 36.0° 93 % 6.4 cd/lm 1 White		30. 60. 60. 50. 50. 50. 50. 50. 50. 50. 50. 50. 5
		Light distribution files	15° 0 <sup>5</sup> 15°



# UMILEDS

LEDLUXEON CoB 1202/1203FWHM / FWTM18.0° / 44.0°Efficiency88 %Peak intensity4.2 cd/lmLEDs/each optic1Light colour/typeWhiteRequired components:1

Bender Wirth: 441 Typ L5

Light distribution files

#### LUMILEDS I FD LUXEON CoB Compact FWHM / FWTM 15.0° / 42.0° Efficiency 89 % Peak intensity 5.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files CxM-14 (19x19) LED FWHM / FWTM 30.0° / 68.0° Efficiency 88 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour/type White Required components: Bender Wirth: 433 Typ L5 Light distribution files



	US	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	CxM-9 (13.5x13.5) 20.0° / 50.0° 88 % 3.4 cd/lm 1 White	
Bender Wirth: 434 Ty	rp L5	Light distribution files
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	COB S-Type (LES 6) 12.0° / 28.0° 92 % 9.4 cd/lm 1 White	Light distribution files
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Soleriq S9 22.0° / 49.0° 89 % 3.5 cd/lm 1 White	203 21 21 21 20 20 20 20 20 20 20 20 20 20 20 20 20
		Light distribution files



# SAMSUNG

LED	LC010C
FWHM / FWTM	12.0° / 25.0°
Efficiency	88 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

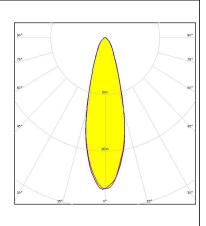
125° C° 125°

Light distribution files

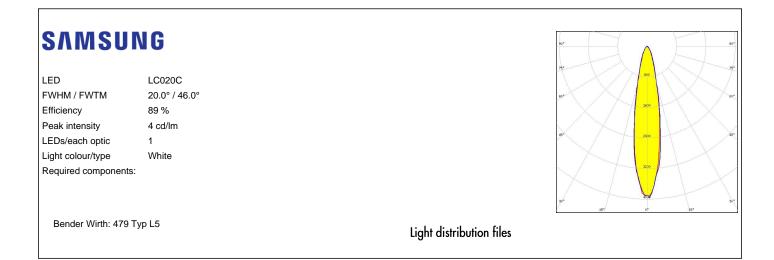
# SAMSUNG

Bender Wirth: 479 Typ L5

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: LC016D / LC019D / LC026D / LC033D 29.0° / 64.0° 91 % 2.2 cd/lm 1 White



#### Light distribution files





SNMSU		20*22
LED	LC040C	
FWHM / FWTM	26.0° / 59.0°	
Efficiency	87 %	
Peak intensity	2.5 cd/lm	c' a
LEDs/each optic	1	300
Light colour/type Required component	White s:	20° 20° 20° 20°
Bender Wirth: 479	Typ L5	Light distribution files
	Typ L5	Light distribution files
SEOUL SEMICONDUCTOR	Typ L5 	Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM		Light distribution files
SEGUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	ZC4/6 20.0° / 50.0° 88 %	Light distribution files
SECUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	ZC4/6 20.0° / 50.0° 88 % 3.4 cd/lm	Light distribution files
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	ZC4/6 20.0° / 50.0° 88 % 3.4 cd/lm 1	Light distribution files
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	ZC4/6 20.0° / 50.0° 88 % 3.4 cd/lm 1 White	Light distribution files
	ZC4/6 20.0° / 50.0° 88 % 3.4 cd/lm 1 White	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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

#### **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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