

## FLORENCE-3R-IP-O

~85° + 40° oval beam

## **TECHNICAL SPECIFICATIONS:**

Dimensions	321.0 x 79.0 mm
Height	9.4 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



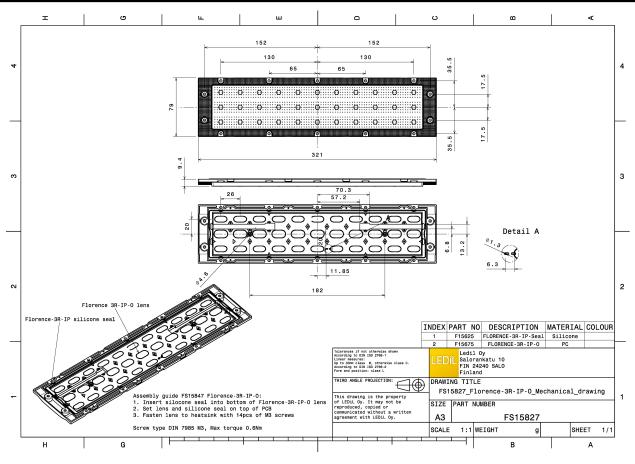
## MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
FLORENCE-3R-IP-O	Linear lens	PC	clear	
FLORENCE-3R-IP-SEAL	Seal	Silicone	clear	

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FS15847_FLORENCE-3R-IP-O	Linear lens	80	80	4	13.0
» Box size: 356 x 356 x 292 mm					

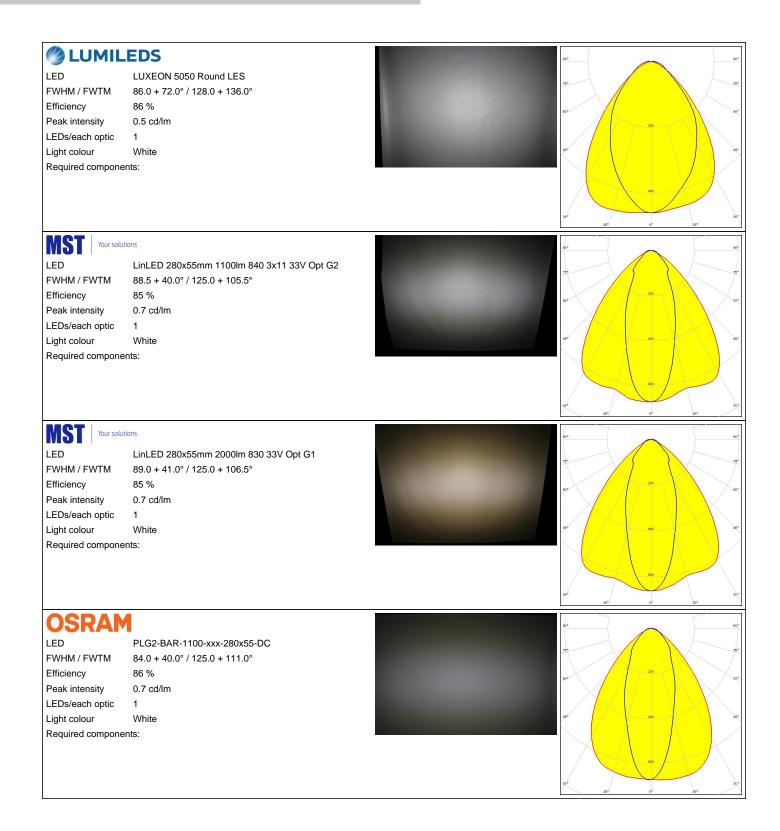




See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



## **PHOTOMETRIC DATA (MEASURED):**





## PHOTOMETRIC DATA (MEASURED):

OCDAM		
OSRAM Opto Semiconductors		50° 50°
LED	Duris S2	
FWHM / FWTM	88.0 + 33.5° / 127.0 + 123.5°	
Efficiency	81 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	57 400
Required compone	ents:	
		30 <sup>4</sup> 10 <sup>2</sup> 10 <sup>4</sup>
SEOUL		
SEOUL SEMICONDUCTOR		
	SEOUL 5630C	77
FWHM / FWTM	87.0 + 41.0° / 127.0 + 99.0°	20
Efficiency	87 % 0.7 cd/lm	9° (
Peak intensity		
LEDs/each optic	1 White	
Light colour Required compone		
Required compone	ents.	
		30" 30" 30"
		50 <sup>4</sup> 50 <sup>4</sup>
LED	SEOUL DC 3030	
FWHM / FWTM	88.0 + 39.0° / 127.0 + 101.0°	
Efficiency	88 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		34
TRIDON		90 <sup>4</sup> 90
LED	LLE G2 55x280mm 2000lm	72 72
FWHM / FWTM	87.0 + 43.0° / 127.0 + 101.0°	
Efficiency	88 %	90 <sup>4</sup> / 60 <sup>4</sup>
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		60
		30'
		15° 0° 15°



UMILEC	DS Contraction of the second	90* 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CZ 89.0 + 30.0° / 128.0 + 74.0° 87 % 0.9 cd/lm 1 White	21 000 001 02 02 02 02 02 00 00 00 00 00 00 00 00
~		30° 0° 35
<b>WICHIA</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NF2x757D 86.0 + 34.0° / 126.0 + 89.0° 87 % 0.8 cd/lm 1 White	
		13° 0° 15'
<b>WICHIA</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A 30.0 + 87.0° / 81.0 + 124.0° 86 % 0.8 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S10 84.0 + 70.0° / 126.0 + 130.0° 86 % 0.5 cd/lm 1 White	94 <sup>+</sup> 94 <sup>+</sup> 94 <sup>+</sup> 94 <sup>+</sup> 96 <sup>+</sup> 96 <sup>+</sup> 96 <sup>+</sup> 90 <sup>0</sup> 96 <sup>+</sup> 90 <sup>0</sup> 90 <sup>0</sup> 9 <sup>+</sup> 9 <sup>+</sup> 9 <sup>+</sup> 9 <sup>+</sup> 9 <sup>+</sup> 9 <sup>+</sup> 9 <sup>+</sup> 9 <sup>+</sup>



OSRAM Opto Semiconductors		90° 90°
LED	Duris S8	
FWHM / FWTM	84.0 + 51.0° / 125.0 + 106.0°	75 75
Efficiency	88 %	
Peak intensity	0.6 cd/lm	60°
LEDs/each optic	1	
Light colour	White	ar ar
Required components:		400
- 1 1		
		300 300
		15° 0° 15°
OSRAM Opto Semiconductors		90°
LED	OSCONIQ P 3030	
FWHM / FWTM	32.0 + 85.0° / 77.0 + 125.0°	235
Efficiency	89 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	gr gr
Required components:		600
		800
		30. 30.
0.0.0.0.0.0	10	155 0 <sup>b</sup> 55
SAMSUN		
		90* 90*
LED	LM302B	50°
		97 000 77°
LED	LM302B	
LED FWHM / FWTM	LM302B 82.0 + 28.0° / 128.0 + 78.0°	97 <sup>*</sup> 97 <sup>*</sup> 77 <sup>*</sup> 90 <sup>*</sup> 91 <sup>*</sup> 1009
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 %	9° 9° 25 000 60 <sup>3</sup> 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm	9° 75 80 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1	97 97 97 97 97 97 97 97 97 97 97 97 97 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1	92 <sup>4</sup> 75 <sup>4</sup> 93 94 94 95 95 96 95 95 96 95 95 96 95 95 95 95 95 95 95 95 95 95
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1	9° 7° 6° 6° 7° 7° 7° 800 800 800 800 800 800 800 800 800 80
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1	9° 9° 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White	er 200 200 200 200 200 200 200 200 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White	er 200 200 200 200 200 200 200 200 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White I LM302Z 73.0 + 27.0° / 114.0 + 83.0°	9° 200 200 200 200 200 200 200 200 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White LM302Z 73.0 + 27.0° / 114.0 + 83.0° 88 %	9° 200 200 200 200 200 200 200 200 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White	9° 200 200 200 200 200 200 200 200 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White Vhite LM302Z 73.0 + 27.0° / 114.0 + 83.0° 88 % 1 cd/lm 2	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SANNSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White	9° 200 200 200 200 200 200 200 200 200 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SAMSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White Vhite LM302Z 73.0 + 27.0° / 114.0 + 83.0° 88 % 1 cd/lm 2	9° 200 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SANNSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White Vhite LM302Z 73.0 + 27.0° / 114.0 + 83.0° 88 % 1 cd/lm 2	9° 200 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SANNSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White Vhite LM302Z 73.0 + 27.0° / 114.0 + 83.0° 88 % 1 cd/lm 2	9° 200 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>SANNSUN</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM302B 82.0 + 28.0° / 128.0 + 78.0° 86 % 0.9 cd/lm 1 White Vhite LM302Z 73.0 + 27.0° / 114.0 + 83.0° 88 % 1 cd/lm 2	9° 200 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0



LED LM302Z FWHM /FWTM 82.0 + 25.0" / 119.0 + 94.0" Ellicency 89 % Pack intensity 0.9 cd/m LED/each optic LED LM661B Plus FWHM /FWTM 82.0 + 28.0" / 121.0 + 79.0" Ellicency 86 % Peak intensity 0.9 cd/m LED/each optic 1 Light colour White Required components: White Required components: White Required components: White Required components: ED SEOUL DC 3030C FWHM /FWTM 84.0 + 30.0" / 125.0 + 85.0" Ellicency 92 % Peak intensity 0.9 cd/m LED/each optic 1 Light colour White Required components: ElD SEOUL DC 3030C FWHM /FWTM 84.0 + 30.0" / 125.0 + 85.0" Ellicency 92 % Peak intensity 0.9 cd/m LED/each optic 1 Light colour White Required components: ElD SEOUL DC 3528 FWHM /FWTM 87.0 + 31.0" / 125.0 + 84.0" ElD/each optic LED SEOUL DC 3528 FWHM /FWTM 87.0 + 31.0" / 125.0 + 84.0" ElD/each optic LED/each optic LED SEOUL DC 3528 FWHM /FWTM 87.0 + 31.0" / 125.0 + 84.0" ElD/each optic LED/each optic 1 Light colour White Required components: ElD SEOUL DC 3528 FWHM /FWTM 87.0 + 31.0" / 125.0 + 84.0" ElD/each optic 1 LED/each optic	SAMSUN	IG	90*
FWHM / FWTM       B2.0 + 25.0° / 119.0 + 84.0°         Embiancy       98 %         Pesk intensity       0.9 cd/m         LEDS/each optic       1         Light colour       While         Required components:			
Peak intensity 0.9 od/im LEDS/each optic 1 LEDS/each optic 1 LEDS/each optic 2 SAMSUNG LED LM561B Plus FV/H/ / FV/TM 82 0 + 28.0" / 121.0 + 79.0" Efficiency 96 % Peak intensity 0.9 od/im LEDS/each optic 1 LEDS/each optic 1 LED/each optic 1 LED/	FWHM / FWTM	82.0 + 25.0° / 119.0 + 84.0°	
LEDs/each optic 1 Light colour White Required components: SANMS UNG LED KM5f18 Plus FVHM / FVTM 82.0 + 28.0° / 121.0 + 79.0° Efficiency 86 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LEDs/each optic 1 LED SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LEDs/each optic 1 LED SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LEDs/each optic 1 LED SECUL DC 3528 FVHM / FVTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/m LED SECUL DC 3528 FVHM / FVTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/m LED SECUL DC 3528 FVHM / FVTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/m LEDs/each optic 1 LED SECUL DC 3528 FVHM / FVTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/m LEDs/each optic 1 LEDs/each	Efficiency	88 %	
Light colour White Required components: SAMAS UNC LED LASS 19 Plus FVHM / FVTM 82.0 + 28.0° / 121.0 + 79.0° Efficiency 86 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 92 % Peak intensity 0.9 cd/m LEDs/each optic 1 LEDs/each optic 1 L	Peak intensity	0.9 cd/lm	
Light colour White Required components: SAMAS UNC LED LASS 19 Plus FVHM / FVTM 82.0 + 28.0° / 121.0 + 79.0° Efficiency 86 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 92 % Peak intensity 0.9 cd/m LEDs/each optic 1 LEDs/each optic 1 L		1	
Required components: SAMSUNC LED MK61B Plus FWHM / FWTM 82.0 + 28.0 ' / 121.0 + 79.0' Efficiency 86 % Peak intensity 0.9 cd/m LED/each optic 1 Light colour White Required components: WINING SEOUL DC 3030C FWHM / FWTM 84.0 + 30.0' / 125.0 + 85.0' Efficiency 22 % Peak intensity 0.9 cd/m LED/each optic 1 Light colour White Required components: EED SEOUL DC 3030C FWHM / FWTM 84.0 + 30.0' / 125.0 + 85.0' Efficiency 22 % Peak intensity 0.9 cd/m LED/each optic 1 Light colour White Required components: EED SEOUL DC 3528 FWHM / FWTM 87.0 + 31.0' / 125.0 + 84.0' Efficiency 88 % Peak intensity 0.8 cd/m LED/each optic 1 Light colour White		White	ar i
LED LMS61B Plus FVHM / FVTM 82.0 + 28.0° / 121.0 + 79.0° Efficiency 86 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LED \$ECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LEDs/each optic 1 LED COMPONENTIAL COMPON			60
LED LMS61B Plus FVHM / FVTM 82.0 + 28.0° / 121.0 + 79.0° Efficiency 86 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LED \$ECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LEDs/each optic 1 LED COMPONENTIAL COMPON			200
LED LMS61B Plus FVHM / FVTM 82.0 + 28.0° / 121.0 + 79.0° Efficiency 86 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: SECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LED \$ECUL DC 3030C FVHM / FVTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 22 % Peak intensity 0.9 cd/m LEDs/each optic 1 LED COMPONENTIAL COMPON	SAMSUN	IG	90°
FWHM / FWTM       82.0 + 28.0° / 121.0 + 79.0°         Efficiency       86 %         Peak intensity       0.9 cd/lm         LEDs/seach optic       1         Light colour       White         Required components:			
Efficiency 86 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components:			73
Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components: SECUL DC 3030C FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 92 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components: SECUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components: SECUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 LIGH 0.9 cd/			
LEDs/each optic 1 Light colour White Required components: SWU. SWOWOWCTON LED SWU. SWOWOWCTON LED SEOUL DC 3030C FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 92 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White Required components: SWU. SWOWOWCTON LEDS/each optic 1 LED SEOUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 LEDs/each optic 1 LEDs/			
Light colour White Required components: White Required components: Secure Components: S			
Required components:		White	av l
SIDUL DC 3030C         FWHM / FWTM       84.0 + 30.0° / 125.0 + 85.0°         Efficiency       92 %         Peak intensity       0.9 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       SEOUL DC 3528         FWHM / FWTM       87.0 + 31.0° / 125.0 + 84.0°         Efficiency       88 %         Peak intensity       0.8 cd/lm         LED       SEOUL DC 3528         FWHM / FWTM       87.0 + 31.0° / 125.0 + 84.0°         Efficiency       88 %         Peak intensity       0.8 cd/lm         LEDs/each optic       1         Light colour       White			2130
SROULE DC 3030C FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 92 % Peak intensity 0.9 cd/lm LEDs/each optic 1 LED SEOUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			
Store Sumconnection         LED       SEOUL DC 3030C         FWHM / FWTM       84.0 + 30.0° / 125.0 + 85.0°         Efficiency       92 %         Peak intensity       0.9 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       SEOUL DC 3528         FWHM / FWTM       87.0 + 31.0° / 125.0 + 84.0°         Efficiency       88 %         Peak intensity       0.8 cd/lm         LEDs/each optic       1         Light colour       White         Required components:       Image: Construction of the second of			200
sour suncouncered LED SEOUL DC 3030C FWHM / FWTM 84.0 + 30.0° / 125.0 + 85.0° Efficiency 92 % Peak intensity 0.9 cd/m LEDs/each optic 1 Light colour White Required components: SOUR SUNCOUNCER LED SEOUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			30° (17) 400 (17°
LEDSEOUL DC 3030CFWHM / FWTM84.0 + 30.0° / 125.0 + 85.0°Efficiency92 %Peak intensity0.9 cd/lmLEDs/each optic1Light colourWhiteRequired components:			90,9
FWHM / FWTM       84.0 + 30.0° / 125.0 + 85.0°         Efficiency       92 %         Peak intensity       0.9 cd/lm         LEDs/each optic       1         Light colour       White         Required components:		SEOUL DC 3030C	
Efficiency       92 %         Peak intensity       0.9 cd/lm         LEDs/each optic       1         Light colour       White         Required components:			75*
Peak intensity       0.9 cd/lm         LEDs/each optic       1         Light colour       White         Required components:			
LEDs/each optic 1 Light colour White Required components: seour semiconnectore LED SEOUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			
Light colour Required components: White Required components: White secure secure components: SEOUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White One Component (Component Component Componen			
Required components: sequences of the second seco			974
SEQUE SERVICOR LED SEOUL DC 3528 FWHM / FWTM 87.0 + 31.0° / 125.0 + 84.0° Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			600
SEOUL SEMICONDUCTOR     BEOUL DC 3528       FWHM / FWTM     87.0 + 31.0° / 125.0 + 84.0°       Efficiency     88 %       Peak intensity     0.8 cd/lm       LEDs/each optic     1       Light colour     White			
SEOUL SEMICONDUCTOR     BEOUL DC 3528       FWHM / FWTM     87.0 + 31.0° / 125.0 + 84.0°       Efficiency     88 %       Peak intensity     0.8 cd/lm       LEDs/each optic     1       Light colour     White			
SEOUL SEMICONDUCTOR     BEOUL DC 3528       FWHM / FWTM     87.0 + 31.0° / 125.0 + 84.0°       Efficiency     88 %       Peak intensity     0.8 cd/lm       LEDs/each optic     1       Light colour     White			300 10 10 10
LEDSEOUL DC 3528FWHM / FWTM87.0 + 31.0° / 125.0 + 84.0°Efficiency88 %Peak intensity0.8 cd/lmLEDs/each optic1Light colourWhite			50°
FWHM / FWTM     87.0 + 31.0° / 125.0 + 84.0°       Efficiency     88 %       Peak intensity     0.8 cd/lm       LEDs/each optic     1       Light colour     White			
Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			75
Peak intensity     0.8 cd/lm       LEDs/each optic     1       Light colour     White			200
LEDs/each optic 1 Light colour White			
Light colour White			400
			gr
		Wilke	
36			30"



SEQUI SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z8Y22 90.0 + 40.0° / 128.0 + 95.0° 92 % 0.7 cd/lm 1 White	5° 5° 70° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6°
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z8Y22P 91.0 + 40.0° / 131.0 + 95.0° 91 % 0.7 cd/lm 1 White	200



#### **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:

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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#### LEDiL Oy

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#### Local sales and technical support www.ledil.com/ where\_to\_buy

Shipping locations Salo, Finland Hong Kong, China

#### Distribution Partners www.ledil.com/ where\_to\_buy