

FLORENTINA-1-SS

~16° smooth spot beam

SPECIFICATION:

Dimensions	39.7 x 39.7 mm
Height	13 mm
Fastening	tape
ROHS compliant	yes 🛈



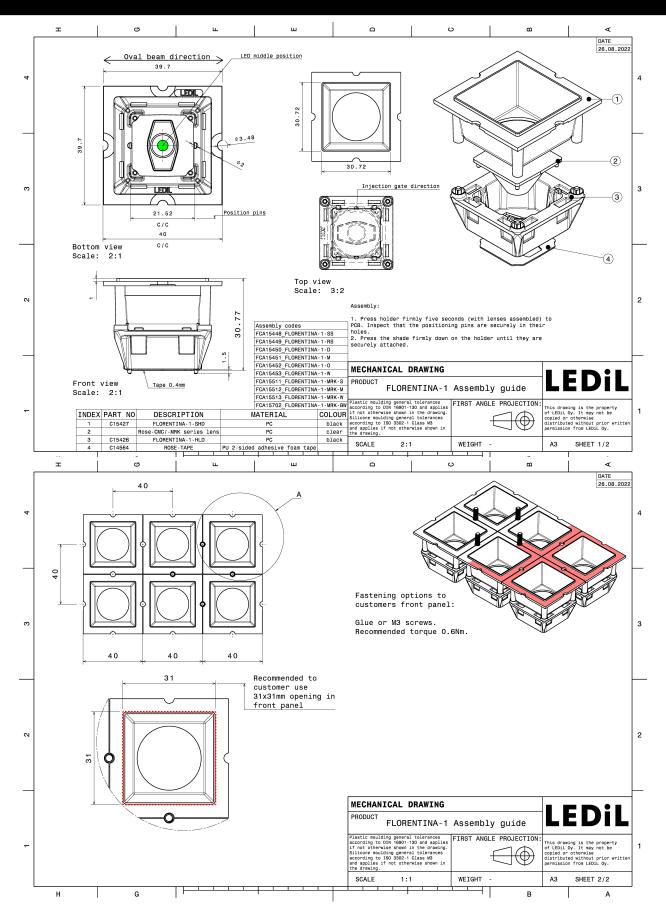
MATERIALS:

Component ROSE-CMC-SS FLORENTINA-1-HLD ROSE-TAPE **Type** Single lens Holder Tape

Material	Colour	Finish
PC	clear	
PC	black	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15448_FLORENTINA-1-SS	Single lens	840		60	7.9
» Box size: 480 x 280 x 300 mm					



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



bridgelux.		50° 50°
LED	Bridgelux SMD 5050	
FWHM / FWTM	25.0° / 46.0°	75*
Efficiency	82 %	
Peak intensity	3.7 cd/lm	80°
LEDs/each optic	1	
Light colour	White	gr at
Required compone		2000
	NTINA-1-SHD-60	\times / \times
		3230
		300 300
		 155 4000 155
		<u>90*</u> <u>90*</u>
LED	XHP35 HD	
FWHM / FWTM	21.0° / 42.0°	
Efficiency	80 %	60 ⁵ 1600 60 ⁵
Peak intensity	4.6 cd/lm	
LEDs/each optic	1	$ \times / / \wedge \times $
Light colour	White	9°
Required compone	nts:	320
C15427_FLORE	NTINA-1-SHD-60	
		30° <u>(4000</u> 30°
		90° 90°
LED	XHP35 HI	73*
FWHM / FWTM	19.0° / 33.0°	1600
Efficiency	80 %	69° X / A
Peak intensity	6.5 cd/lm	330
LEDs/each optic	1	45° 45°
Light colour	White	
Required compone	nts: :NTINA-1-SHD-60	4000
C15427_FLORE	NTINA-1-SHD-60	\times / \setminus \times
		5437
		30° 30° 30° 30°
CREE ≑		90° 90°
LED	XP-G2	
FWHM / FWTM	19.0° / 33.0°	73.
Efficiency	80 %	1000
Peak intensity	6.6 cd/lm	6°* X / / \ X ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
LEDs/each optic	1	
Light colour	White	g*
Required compone		
	INS. INTINA-1-SHD-60	
		X X
		6330
		30° 35° 35°



		30* 30'
LED	XP-L HD	
FWHM / FWTM	21.0° / 38.0°	75.
Efficiency	79 %	1000
Peak intensity	5.1 cd/lm	
LEDs/each optic	1	
Light colour	White	451 2230 451
Required compone	nts:	
C15427_FLORE	NTINA-1-SHD-60	
		4830
		304 157 04 158
		90° 90°
LED	XP-L2	
FWHM / FWTM	21.0° / 40.0°	
Efficiency	78 %	1000
Peak intensity	4.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45*
Required compone	nts:	- 3230
C15427_FLORE	NTINA-1-SHD-60	
		30° 400 30'
		90° A 90'
LED	XT-E	
FWHM / FWTM	17.0° / 31.0°	75. 1000
Efficiency	78 %	
Peak intensity	7.3 cd/lm	3200
LEDs/each optic	1	
Light colour	White	457 437
Required compone	nts:	
C15427_FLORE	NTINA-1-SHD-60	
		36* 35* 36*
	EDS	50° A 50'
LED	LUXEON 3030 2D (Round LES)	
FWHM / FWTM	15.0° / 27.0°	
Efficiency	82 %	
Peak intensity		
	10 cd/lm	
LEDs/each optic	10 cd/lm 1	X / X
		a- an an
LEDs/each optic	1 White	e. 600
LEDs/each optic Light colour	1 White	¢* 600 65
LEDs/each optic Light colour	1 White	g. 500 e
LEDs/each optic Light colour	1 White	er 600 er



NY-HH / FWTM 23.0 / 42.0° Efficiency 83 % Revek Intensity 83 % Required components: C15427_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 18.0° / 32.0° Efficiency 80 % Required components: C15427_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 18.0° / 32.0° Efficiency 80 % Required components: C15427_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 16.0° / 30.0° Efficiency 85 % Required components: C15427_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 16.0° / 30.0° Efficiency 85 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 16.0° / 30.0° Efficiency 85 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 16.0° / 30.0° Efficiency 84 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 16.0° / 30.0° Efficiency 84 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX WMM / FWTM 16.0° / 30.0° Efficiency 84 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX ELD NF22757G WMM / FWTM 16.0° / 30.0° Efficiency 84 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX ELD NF22757G WMM / FWTM 16.0° / 30.0° Efficiency 84 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX ELD NF22757G WMM / FWTM 16.0° / 30.0° Efficiency 84 % Required components: C15701_FLORENTINA-1.5HD-60 CLUXEON TX ELD NF22757G CLUXEON TX ELD NF22757G ELD NF2		EDS	90*
Ifficiency 83% Peak itensity 44 colim Edward option White Required components: C15427_FLORENTINA-1-SHD-60 CLUXEON TX WHM / FWTM 18.07 / 32.0° ED LLUXEON TX WHM / FWTM 18.07 / 32.0° Efficiency 80% Required components: C15427_FLORENTINA-1-SHD-60 CNICCHIA ED NE2/57G WHM / FWTM 16.07 / 30.0° Efficiency 85% Peak itensity 8.7 colim Edwards of 1 light colour White Required components: C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT C15427_FLORENTINA-1-SHD-60-WHT	LED	LUXEON 5050 Round LES	
Pesk intensity 4.4 cd/m EDs/sach optic 1 git colour While Required components: C15427_FLORENTINA-1-SHD-60 CUMILEDS ED LUXEON TX WM/ FWTN 18.07 32.0° fittidency 80 % Pesk intensity 7.1 cd/m EDs/sach optic 1 ight colour While Required components: C15427_FLORENTINA-1-SHD-60 CMICHIA ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 85 % Pesk intensity 8.7 cd/m EDS/sach optic 1 ight colour While Required components: C15427_FLORENTINA-1-SHD-60 CMICHIA ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.7 cd/m ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WMM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2X757G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2XF7G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2XF7G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2XF7G WM/ FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.6 cd/m ED NF2XF7G FWM / FWTM 16.07 30.0° fittidency 84 % Pesk intensity 8.7 cd/m ED NF2XF7G FWM / FWTM 16.07 30.0° FIT HWM / FWTM 16.07 30	FWHM / FWTM	23.0° / 42.0°	
Peak Intensity 4.4 cd/m Edwach optic 1 Jight colour White Required components: C 15427_FLORENTINA-1-SHD-60 ULVELON ED LUXECHON ED Reak Intensity 8.7 cd/m EDS/each optic 1 Jight colour White Required components: C 15427_FLORENTINA-1-SHD-60 WINCHIN ED Reak Intensity 8.7 cd/m EDS/each optic 1 Jight colour White Required components: C 15671_FLORENTINA-1-SHD-60 WINCHIN EDS/each optic 1 Jight colour White Required components: C 15671_FLORENTINA-1-SHD-60 WINCHIN EDS/each optic 1 Jight colour White Required components: C 15671_FLORENTINA-1-SHD-60-WHT	Efficiency	83 %	60
ight colour White tequide components: C15427_FLORENTINA-1-SHD-60 CLUMILEDS ED UXEON TX WMM /FWT 16.0°/32.0° fficiency 80% Peak intensity 7.1 cd/m EDS/seach optic 1 ight colour White Requided components: C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60-WHT ED NF2x/57/G WMM /FWTM 16.0°/30.0° ED NF2x/57/G WMM /FWTM 16.0° ED NF2x/57/	Peak intensity	4.4 cd/lm	
Required components: C15427_FLORENTINA-1-SHD-60 CLUMILEDS ED LUXEON TX EVMM / FWTM 18.0° / 32.0° Hicknery 80 % Peak itensity 7.1 cd/m EDS/each optic 1 light colour White Required components: C15427_FLORENTINA-1-SHD-60 CUCHIN EDS/each optic 1 light colour White Required components: C15701_FLORENTINA-1-SHD-60-WHT C15701_FLORENTINA-1-S	LEDs/each optic	1	
C15427_FLORENTINA-1-SHD-60	Light colour	White	gr d
Image: Second			
ED LUXEON TX WHM / FVTTM 18.0° / 32.0° finciency 80 % Peak intensity 7.1 cd/m LEDs/each optic 1 ight colour White Required components: C15427_FLORENTINA-1-SHD-60 WHM / FVTTM 16.0° / 30.0° finciency 85 % Peak intensity 8.7 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CONCENTAL ED NF2x757G WHM / FVTTM 16.0° / 30.0° finciency 86 % Peak intensity 8.7 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CONCENTAL LED NF2x757G WHM / FVTTM 16.0° / 30.0° finciency 84 % Peak intensity 8.6 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT	C15427_FLORE	NTINA-1-SHD-60	
ED LUXEON TX WHM / FVTTM 18.0° / 32.0° finciency 80 % Peak intensity 7.1 cd/m LEDs/each optic 1 ight colour White Required components: C15427_FLORENTINA-1-SHD-60 WHM / FVTTM 16.0° / 30.0° finciency 85 % Peak intensity 8.7 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CONCENTAL ED NF2x757G WHM / FVTTM 16.0° / 30.0° finciency 86 % Peak intensity 8.7 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CONCENTAL LED NF2x757G WHM / FVTTM 16.0° / 30.0° finciency 84 % Peak intensity 8.6 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT			
ED LUXEON TX WHM / FVTTM 18.0° / 32.0° finciency 80 % Peak intensity 7.1 cd/m LEDs/each optic 1 ight colour White Required components: C15427_FLORENTINA-1-SHD-60 WHM / FVTTM 16.0° / 30.0° finciency 85 % Peak intensity 8.7 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CONCENTAL ED NF2x757G WHM / FVTTM 16.0° / 30.0° finciency 86 % Peak intensity 8.7 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CONCENTAL LED NF2x757G WHM / FVTTM 16.0° / 30.0° finciency 84 % Peak intensity 8.6 cd/m LEDs/each optic 1 ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT			30.0
WHM / FWTM 18.0° / 32.0° Efficiency 80 % Peak intensity 7.1 cd/lm EDS/each optic 1 Jght colour White Required components:		EDS	90°
Efficiency 80% Peak Intensity 7.1 cd/m EDS/each optic 1 ight colour White Required components: C15427_FLORENTINA1-SHD-60 CNICHIA ED NF2x757G WHM /FVTM 16.0° / 30.0° Efficiency 85% Peak Intensity 8.7 cd/m ED % 27 cd/	LED	LUXEON TX	
Peak intensity 7.1 cd/m EDS/each optic 1 .ight colour White Required components: C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60 C15427_FLORENTINA-1-SHD-60	FWHM / FWTM	18.0° / 32.0°	27
EDs/each optic 1 Jight colour White Required components: C15427_FLORENTINA-1-SHD-60 CNICHIN LED NF2x757G SWHM / FWTM 16.0° / 30.0° fficiency 85 % Peak intensity 8.7 col/m LEDs/each optic 1 Jight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CNICHIN LED NF2x757G SWHM / FWTM 16.0° / 30.0° fficiency 84 % Peak intensity 8.6 col/m LEDs/each optic 1 Jight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT	Efficiency	80 %	
EDS/each optic 1 ight colour White Required components: C 15427_FLORENTINA-1-SHD-60	Peak intensity	7.1 cd/lm	
Required components: C15427_FLORENTINA-1-SHD-60 I C NICCHIA LED NF2x757G WHM / FWTM 16.0° / 30.0° Efficiency 85 % Peak intensity 8.7 cd/m LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT ED NF2x757G WHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/m LEDs/each optic 1 LEDs/each optic 1 LEDs/each optic 1 LED NF2x757G WHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/m LEDs/each optic 1 LEDs/each optic 1 LEDs/ea	LEDs/each optic	1	
Required components: C15427_FLORENTINA-1-SHD-60 CNICHIA ED NF2x757G WHM / FWTM 16.0° / 30.0° fifficiency 85 % Peak intensity 8.7 cd/lm EDS/each optic 1 .ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT CNICHIA ED NF2x757G WHM / FWTM 16.0° / 30.0° fifficiency 84 % Peak intensity 8.6 cd/lm .ED NF2x757G WHM / FWTM 16.0° / 30.0° fifficiency 84 % Peak intensity 8.6 cd/lm .ED Seach optic 1 .ED NF2x757G WHM / FWTM 16.0° / 30.0° fifficiency 84 % Peak intensity 8.6 cd/lm .ED Seach optic 1 .ED NF2x757G WHM / FWTM 16.0° / 30.0° fifficiency 84 % Peak intensity 8.6 cd/lm .ED Seach optic 1 .ED NF2x757G WHM / FWTM 16.0° / 30.0° fifficiency 84 % Peak intensity 8.6 cd/lm .ED Seach optic 1 .ED NF2x757G WHM / FWTM 16.0° / 30.0°	Light colour	White	20
Image: Second constraints Image: Second constraints	Required compone	nts:	
ED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 85 % Peak intensity 8.7 cd/lm LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT ED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White	C15427_FLORE	NTINA-1-SHD-60	
ED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 85 % Peak intensity 8.7 cd/lm LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT ED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components: 1 LED NF2x757G WHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:			(0)
ED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 85 % Peak intensity 8.7 cd/lm LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT ED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components: 1 LED NF2x757G WHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:			30
EVHM / FWTM 16.0° / 30.0° Efficiency 85 % Peak intensity 8.7 cd/lm LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT ED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:			30 ⁴
Efficiency 85 % Peak intensity 8.7 cd/lm EDs/each optic 1 .ight colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT	LED	NF2x757G	
Peak intensity 8.7 cd/m LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT C16701_F	FWHM / FWTM	16.0° / 30.0°	
Peak intensity 8.7 cd/lm LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT C16701_	Efficiency	85 %	
Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT	Peak intensity	8.7 cd/lm	
Required components: C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT C16701_FLORENTINA-1-SHD-60-WHT ED NF2x757G WHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm EDS/each optic 1 Light colour White Required components:	LEDs/each optic	1	
C16701_FLORENTINA-1-SHD-60-WHT	Light colour	White	97
ED NF2x757G WHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm EDs/each optic 1 Light colour White Required components:			
LED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components: 60		nts:	
LED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:	Required compone		663
LED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:	Required compone		5622
LED NF2x757G FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components: 00	Required compone		260
FWHM / FWTM 16.0° / 30.0° Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:	Required compone C16701_FLORE	NTINA-1-SHD-60-WHT	200
Efficiency 84 % Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:	Required compone C16701_FLORE	INTINA-1-SHD-60-WHT	
Peak intensity 8.6 cd/lm LEDs/each optic 1 Light colour White Required components:	Required compone C16701_FLORE	NTINA-1-SHD-60-WHT	
LEDs/each optic 1 Light colour White Required components:	Required compone C16701_FLORE	NTINA-1-SHD-60-WHT NF2x757G 16.0° / 30.0°	
Light colour White Required components:	Required compone C16701_FLORE	NTINA-1-SHD-60-WHT NF2x757G 16.0° / 30.0° 84 %	75
Required components:	Required compone C16701_FLORE	NTINA-1-SHD-60-WHT NF2x757G 16.0° / 30.0° 84 % 8.6 cd/lm	75
	Required compone C16701_FLORE	NTINA-1-SHD-60-WHT NF2x757G 16.0° / 30.0° 84 % 8.6 cd/lm 1	75
	Required compone C16701_FLORE	NTINA-1-SHD-60-WHT NF2x757G 16.0° / 30.0° 84 % 8.6 cd/lm 1 White	75
	Required compone C16701_FLORE	NF2x757G 16.0° / 30.0° 84 % 8.6 cd/lm 1 White nts:	75
	Required compone C16701_FLORE	NF2x757G 16.0° / 30.0° 84 % 8.6 cd/lm 1 White nts:	75



ØNICHI		99 ⁴ 997
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C15427_FLORE	NVSW319B 22.0° / 37.0° 84 % 5.3 cd/lm 1 White nts: :NTINA-1-SHD-60	
⊘ NICHI∕		20 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C15427_FLORE	NVSxx19B/NVSxx19C 19.0° / 33.0° 81 % 6.6 cd/lm 1 White nts: :NTINA-1-SHD-60	
OSRAM		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C15427_FLORE	ENTINA-1-SHD-60	
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C15427_FLORE	LM561B 15.0° / 30.0° 84 % 8.6 cd/lm 1 White	



SEOUL SEOUL SEMICONDUCTOR		90*
LED	SEOUL 5630	75'
FWHM / FWTM	15.0° / 29.0°	
Efficiency	86 %	50 ⁰ 50 ⁰
Peak intensity	9.7 cd/lm	
LEDs/each optic	1	
Light colour	White	6120 65°
Required component	nts:	20 ¹ 20 ¹ 20 ² 20 ² 20 ² 20 ² 20 ² 20 ² 20 ²
		90* 90*
LED	Z8Y22P	
FWHM / FWTM	18.0° / 32.0°	75.
Efficiency	77 %	
Peak intensity	6.8 cd/lm	$\mathbf{K} \longrightarrow \mathbf{A} \longrightarrow \mathbf{A}$
LEDs/each optic	1	
Light colour	White	57°
Required compone	nts:	430
C15427_FLORE	NTINA-1-SHD-60	34% <u>15</u> % <u>5</u> % <u>15</u> % <u>30</u> %



OPTICAL RESULTS (SIMULATED):

		30° 30°
LED	XP-G2 HE	27
FWHM / FWTM	25.0° / 42.0°	
Efficiency	90 %	60 ⁴ 2000 80 ⁴
Peak intensity	4.6 cd/lm	
LEDs/each optic	1	
Light colour	White	g- at
Required component	s:	
C15427_FLOREN	ITINA-1-SHD-60	



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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