

PRODUCT DATASHEET F15940_LINNEA-90-B

LINNEA-90-B

~90° + 90° wide beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.

SPECIFICATION:

Dimensions	285.0 x 40.0 mm
Height	9.5 mm
Fastening	clips
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish
LINNEA-90-B	Linear lens	PC	clear	

ORDERING INFORMATION:

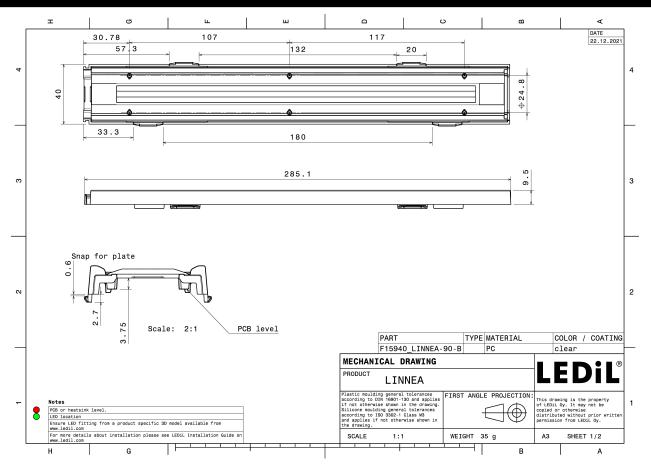
Component

F15940_LINNEA-90-B

» Box size: 398 x 298 x 265 mm

Qty in box	MOQ	MPQ	Box weight (kg)
162	36	36	7.3

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



	XP-E	90° 90°
FWHM / FWTM	∧P-⊑ 104.0 + 88.0° / 164.0 + 126.0°	7
Efficiency	81 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		36° 400 30° 13° 0° 15°
Helvar		50 ⁴
LED	L-iC-282-827-865-011A	
FWHM / FWTM	102.0 + 89.0° / 164.0 + 124.0°	73'
Efficiency	82 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	a.
Required compone	nts:	
		30° 460 30°
		257 of 157
Helvar		90°
LED	LP-282-840-009A 60/300	7
FWHM / FWTM	100.0 + 89.0° / 163.0 + 125.0°	
Efficiency	82 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	\$°
Required compone	ents:	
Required compone	ints:	
Required compone	nts:	
Required compone	nts:	30 30* 60 32* 60 35* 60 45* 35*
	nts:	200 204 207 207 207 207 207 207 207 207 207 207
Helvar		
Helvar LED	LS-282-840-011A	
Helvar LED FWHM / FWTM	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0°	
Helvar LED FWHM / FWTM Efficiency	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0° 81 %	
Helvar LED FWHM / FWTM Efficiency Peak intensity	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0° 81 % 0.4 cd/lm	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0° 81 % 0.4 cd/lm 1	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0° 81 % 0.4 cd/lm 1 White	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0° 81 % 0.4 cd/lm 1 White	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0° 81 % 0.4 cd/lm 1 White	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LS-282-840-011A 102.0 + 90.0° / 164.0 + 125.0° 81 % 0.4 cd/lm 1 White	



Helvar LED FWHM / FWTM	LX-282-840-023A 102.0 + 89.0° / 164.0 + 125.0°		99 ⁴ 97 77 200
Efficiency	82 %		60*
Peak intensity	0.4 cd/lm	and the second se	
LEDs/each optic	1		
Light colour	White		954 67
Required compone	ents:		
			340
			10 400 V.
			15° 0° 15°
MST Your solu	tions		90° 90°
LED	LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1		
FWHM / FWTM	89.0 + 104.0° / 125.0 + 165.0°		77
Efficiency	83 %		- 100
Peak intensity	0.4 cd/lm		
LEDs/each optic	1		
Light colour	White		95*
Required compone			
			300
			36* 400 36* 36*
Ø NICHI∕	N Contraction of the second seco		90* 90*
LED	NF2x757D		
FWHM / FWTM	86.0 + 96.0° / 125.0 + 159.0°		770
Efficiency	0 %		
Peak intensity	0.5 cd/lm		601
LEDs/each optic	1		
Light colour	White		97
Required compone			
			30° 38° 38°
ØNICHI/	N Contraction of the second se		90* 90*
LED	NFSW757H		
FWHM / FWTM	100.0 + 90.0° / 163.0 + 125.0°		75*
Efficiency	85 %	the second s	100
Peak intensity	0.4 cd/lm		60*
LEDs/each optic	1		
Light colour	White		55
Required compone	fillo.		
			30* 30*
1			10 / 4° 10'



ØNICHI		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NFSx757G 98.0 + 88.0° / 162.0 + 125.0° 81 % 0.4 cd/lm 1 White	
OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	PL-LIN-IND-Z1 2800 560x24 101.0 + 89.0° / 163.0 + 125.0° 87 % 0.4 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Duris S5 (2 chip) 99.0 + 89.0° / 163.0 + 125.0° 83 % 0.4 cd/lm 1 White nts:	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Duris S5 (Single chip) 98.0 + 89.0° / 163.0 + 125.0° 85 % 0.4 cd/lm 1 White nts:	



PHILIP	20	50 m
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 100.0 + 89.0° / 163.0 + 124.0° 82 % 0.4 cd/lm 1 White	
PHILLE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo LED Strip 1ft 1100lm FC HV5 & LV5 99.0 + 85.0° / 163.0 + 123.0° 86 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo LED Strip 1ft 650lm FC HV4 & LV4 102.0 + 90.0° / 164.0 + 124.0° 82 % 0.4 cd/lm 1 White	
PHILIE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo LED Strip 1ft 650Im FC HV5 & LV5 101.0 + 87.0° / 163.0 + 123.0° 86 % 0.4 cd/lm 1 White	



<u> </u> S M S I 	ING	90° - 90
LED	LM561B Plus	
FWHM / FWTM	89.0 + 104.0° / 125.0 + 165.0°	72
Efficiency	83 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Required compone		30
รกทรเ	INC	127 440 15 ¹⁰
		80°
LED	LT-H282C	72
FWHM / FWTM	103.0 + 87.0° / 164.0 + 125.0°	
Efficiency	84 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		30*
<u> </u> S M S I 	ING	90°
LED	LT-H562C	
FWHM / FWTM	103.0 + 87.0° / 164.0 + 125.0°	72
Efficiency	84 %	200
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	20
Light colour	White	
Required compone		
		30"
รกพรเ		137 ¹ 0 ¹ 12 ⁴
	LT-Q282B	72
FWHM / FWTM	101.0 + 87.0° / 164.0 + 125.0°	
Efficiency	84 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic Light colour	1 White	
Required compone		
required compone	1110.	



SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-S282H 104.0 + 86.0° / 165.0 + 125.0° 85 % 0.4 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-S562H 104.0 + 86.0° / 165.0 + 125.0° 85 % 0.4 cd/lm 1 White	
SAMSI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-V282E 103.0 + 86.0° / 164.0 + 125.0° 85 % 0.4 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-V562E 103.0 + 86.0° / 164.0 + 125.0° 85 % 0.4 cd/lm 1 White	



				90*	
LED	SEOUL DC 3030				
FWHM / FWTM	99.0 + 88.0° / 163.0 + 125.0°		-	75*	
Efficiency	85 %				100
Peak intensity	0.4 cd/lm			607	$ \langle \rangle \rangle$
					200
LEDs/each optic	1				
Light colour	White				
Required compone	nts:	_			300
				$\times N$	/ X
					400
				36*	00 400
TDIDON					
TRIDON				90*	
LED	LLE G4 24x280mm 1250lm			75*	
FWHM / FWTM	100.0 + 89.0° / 163.0 + 125.0°				100
Efficiency	83 %			607	
Peak intensity	0.4 cd/lm				
LEDs/each optic	1				200
Light colour	White			45*	
Required compone	nts:				
					300
				$\times \vee$	X X
				30° 15°	0° 15°
TRIDON				36* 15°	06 72.
TRIDON				30* 15°	
LED	LLE G4 24x280mm 2000lm ADV			75°	
LED FWHM / FWTM	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0°			30° 15°	500 <u>12</u> 37
LED FWHM / FWTM Efficiency	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 %			90° 257 79°	500 97
LED FWHM / FWTM Efficiency Peak intensity	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm			257 795 604	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1			30° 237 77°	0° 23°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White			30° 137 99° 775 69°	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White			90° 23° 90° 73° 60° 60°	500 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White			90° 135° 90° 90°	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White			30° 13° 99°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White				
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts:			30° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts:			25 ⁷ 25 ⁷ 26 ⁴ 25 ⁴ 25 ⁴ 25 ⁴ 25 ⁴ 25 ⁴ 25 ⁴	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts:			55°	00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts:			50°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts:			55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White Ints: LLE G4 24x280mm 650lm 99.0 + 89.0° / 163.0 + 125.0°			55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts: ILE G4 24x280mm 650lm 99.0 + 89.0° / 163.0 + 125.0° 84 %			55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts: LLE G4 24x280mm 650lm 99.0 + 89.0° / 163.0 + 125.0° 84 % 0.4 cd/lm			55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts: LLE G4 24x280mm 650lm 99.0 + 89.0° / 163.0 + 125.0° 84 % 0.4 cd/lm 1 White			55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts: LLE G4 24x280mm 650lm 99.0 + 89.0° / 163.0 + 125.0° 84 % 0.4 cd/lm 1 White			55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts: LLE G4 24x280mm 650lm 99.0 + 89.0° / 163.0 + 125.0° 84 % 0.4 cd/lm 1 White			55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 2000lm ADV 98.0 + 88.0° / 162.0 + 124.0° 83 % 0.4 cd/lm 1 White nts: LLE G4 24x280mm 650lm 99.0 + 89.0° / 163.0 + 125.0° 84 % 0.4 cd/lm 1 White			55°	



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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.

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