

LINNEA-60

 \sim 60° + 90° beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
LINNEA-60	Linear lens	PC	clear	

ORDERING INFORMATION:

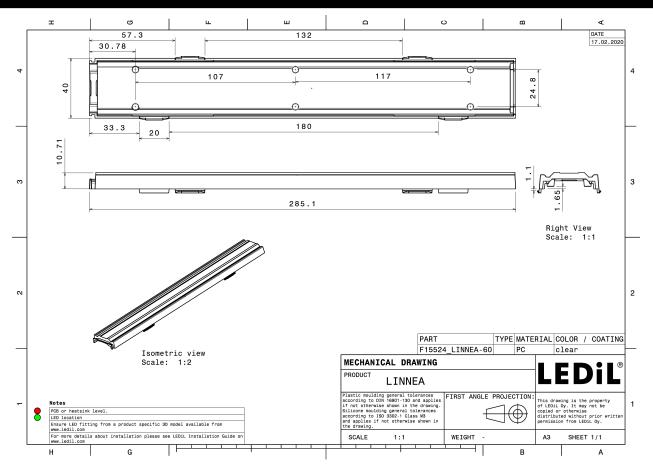
Component

F15524_LINNEA-60

» Box size: 398 x 298 x 265 mm

Qty in box	MOQ	MPQ	Box weight (kg)
153	36	36	7.7

PRODUCT DATASHEET F15524_LINNEA-60



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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CALOSNU405-M7W1 96.0 + 55.0° / 141.0 + 87.0° 84 % 0.6 cd/lm 1 White nts:	90* 90* 90* 90* 90* 90* 90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CALOSNU410-M7W1 95.0 + 55.0° / 139.0 + 86.0° 84 % 0.6 cd/lm 1 White nts:	50° 73° 60° 60° 60° 60° 60° 60° 60° 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Tridino 1ft 1100lm xxxHE 1R HV 96.0 + 58.0° / 142.0 + 89.0° 86 % 0.6 cd/lm 1 White nts:	9 ¹⁰ 9
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E 96.0 + 54.0° / 139.0 + 86.0° 83 % 0.6 cd/lm 1 White	

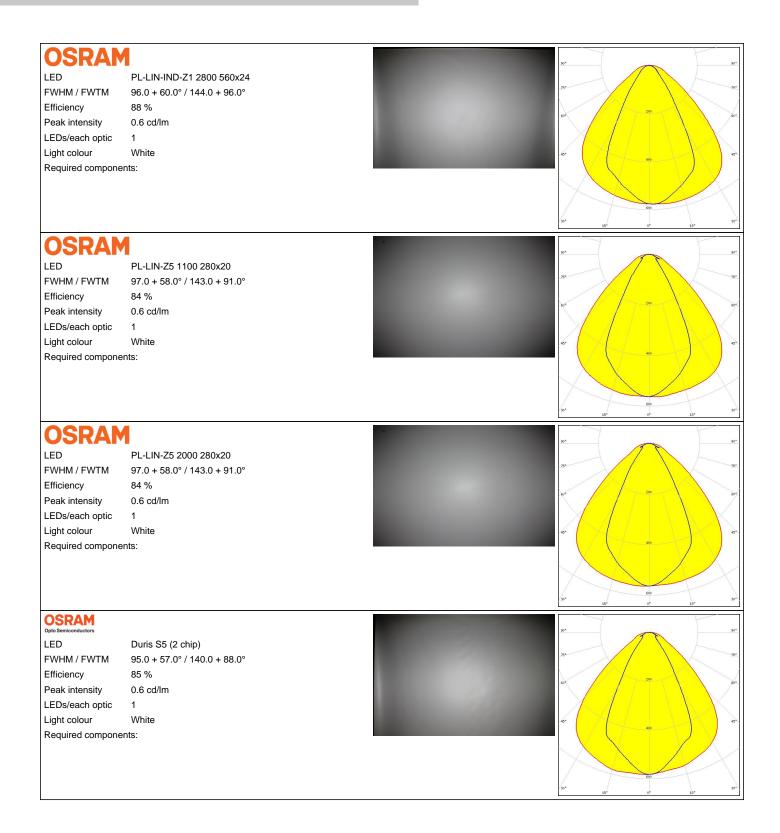


Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	L-iC-282-827-865-011A 97.0 + 58.0° / 142.0 + 91.0° 84 % 0.6 cd/lm 1 White nts:	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LP-282-840-009A 60/300 97.0 + 58.0° / 142.0 + 91.0° 84 % 0.6 cd/lm 1 White nts:	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LS-282-840-011A 97.0 + 58.0° / 145.0 + 91.0° 84 % 0.6 cd/lm 1 White nts:	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LX-282-840-023A 96.0 + 59.0° / 144.0 + 92.0° 85 % 0.6 cd/lm 1 White nts:	



MST Your solu	itions	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LinLED 280x24mm 1100lm 8x0 2C 30V Opt G1 96.0 + 59.0° / 143.0 + 89.0° 85 % 0.6 cd/lm 1 White ents:	
ØNICHI/		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2x757G 96.0 + 54.0° / 141.0 + 87.0° 84 % 0.6 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NFSW757H 96.0 + 60.0° / 145.0 + 93.0° 86 % 0.6 cd/lm 1 White	
ØNICHI/		253
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NFSx757G 96.0 + 59.0° / 145.0 + 88.0° 83 % 0.6 cd/lm 1 White	







OSRAM Opto Semiconductors		50° 50°
Opto Semiconductors	Duris S5 (Single chip)	
FWHM / FWTM	96.0 + 57.0° / 143.0 + 91.0°	75- 77-
Efficiency	86 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
rioquirou compone		
		20
		50° 25 ⁵ 0 ⁶ 25°
PHILI	S	90 ⁴ 90 ⁴
LED	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4	
FWHM / FWTM	95.0 + 59.0° / 141.0 + 88.0°	
Efficiency	85 %	w 200 w
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30* 00 30*
		100 00 100 100 100 100 100 100 100 100
PHILI	25	90°
LED	Fortimo LED Strip 1ft 650Im FC HV4 & LV4	
FWHM / FWTM	95.0 + 59.0° / 139.0 + 89.0°	
Efficiency	84 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		50° 600 30°
SЛМSI		
		90°
LED	LM28xB Series	25
FWHM / FWTM	95.0 + 53.0° / 136.0 + 106.0°	
Efficiency	84 %	60 ⁶ / ²⁰⁰
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents.	
		60
		20* 23 ⁵ 0 ⁵ 23 ⁵



SЛМSI	ING	
LED FWHM / FWTM Efficiency Peak intensity	LM561B Plus 96.0 + 59.0° / 143.0 + 89.0° 85 % 0.6 cd/lm	9°* 997 78* 797 90* 209 607
LEDs/each optic Light colour Required compone	1 White ents:	6 ¹ 6 ³
		20 ⁴ 25 ⁵ 6 ⁶ 25 ⁴ 30 ⁷
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-H282C 96.0 + 55.0° / 141.0 + 87.0° 85 % 0.6 cd/lm 1 White	90* 90 75 60* 200 60
Required compone	ents:	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	JNG LT-H562C 96.0 + 55.0° / 141.0 + 87.0° 85 % 0.6 cd/lm 1	
Light colour Required compone		
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-Q282B 95.0 + 54.0° / 138.0 + 86.0° 85 % 0.6 cd/lm 1 White	
		30 ¹⁶ 20 ¹⁶ 10 ¹⁶ 30 ¹⁷



SAMS	UNG	8. 8
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-S282H 96.0 + 54.0° / 140.0 + 86.0° 85 % 0.6 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-S562H 96.0 + 54.0° / 140.0 + 86.0° 85 % 0.6 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-V282E 96.0 + 54.0° / 140.0 + 86.0° 86 % 0.6 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-V562E 96.0 + 54.0° / 140.0 + 86.0° 86 % 0.6 cd/lm 1 White	



SEOUL SEOUL SEMICONDUCTOR		50* 50*
LED	SEOUL 5630D	
FWHM / FWTM	73.0° / 112.0°	
Efficiency	84 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		60
SEOUL		30° 12 ³ 0° 23°
SEOUL SEMICONDUCTOR		50° 50°
LED	SEOUL DC 3030	
FWHM / FWTM	96.0 + 57.0° / 139.0 + 88.0°	73° / 71
Efficiency	86 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30°
TDIDON		12 ⁹ 0 ⁰ 12 ⁶
TRIDON		90°
LED	LLE G4 24x280mm 1250lm	
FWHM / FWTM	96.0 + 58.0° / 141.0 + 88.0°	
Efficiency	85 %	60 ⁴ 200
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	47 de 1
Required compone	ents:	
		30° 500 30° 30°
TRIDON		
		90 ⁴ 90 ⁴
	LLE G4 24x280mm 2000lm ADV	73'
FWHM / FWTM	95.0 + 60.0° / 143.0 + 91.0°	
Efficiency	85 %	60* 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1 W/bito	
Light colour	White	
Required compone	ants:	
1		34*
		15% 428, 18%

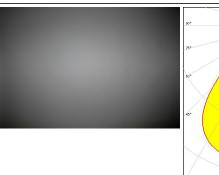


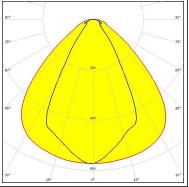
TRIDONIC

LED

FWHM / FWTM95Efficiency85Peak intensity0.1LEDs/each optic1Light colourWRequired components:

LLE G4 24x280mm 650lm 95.0 + 59.0° / 140.0 + 89.0° 85 % 0.6 cd/lm 1 White







PHOTOMETRIC DATA (SIMULATED):

UMILEI	DS	50' 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 2D (Round LES) 89.0 + 60.0° / 125.0 + 80.0° 84 % 0.6 cd/lm 1 White	
SEOUL		
SEOUL SEMICONDUCTOR		90°
LED	SEOUL DC 3030C	
FWHM / FWTM	92.0 + 60.0° / 134.0 + 80.0°	
Efficiency	85 %	50 ⁻²⁰⁰ -2
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45
Required components:		
SEQUE		90 ⁴ 9
SEOUL SEMICONDUCTOR	SEOUL DC 3528	
FWHM / FWTM	90.0 + 60.0° / 128.0 + 85.0°	73*
Efficiency	77 %	
Peak intensity	0.5 cd/lm	^{69*}
LEDs/each optic	2	
Light colour	– White	97
Required components:		20'
SEQUE		90° 9
SEOUL SEMICONDUCTOR	SEOUL DC 3528	
FWHM / FWTM	92.0 + 59.0° / 128.0 + 82.0°	73
Efficiency	77 %	
Peak intensity	0.6 cd/lm	60 ¹ _ 200
LEDs/each optic	1	
Light colour	v White	5
Required components:		



PHOTOMETRIC DATA (SIMULATED):

scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SEOUL DC 3528 90.0 + 60.0° / 128.0 + 85.0° 77 % 0.5 cd/lm 2 White	5)* 5/* 5/* 5/* 5/* 5/* 5/* 5/* 5/* 5/* 5/*
Required components:	white	30° 10° 10°
SEOUL		90° 90°
seoul semiconductor LED FWHM / FWTM	SEOUL DC 3528 90.0 + 65.0° / 131.0 + 87.0° 70.9′	
Efficiency	78 % 0.5 cd/lm	50 ¹ 80 ⁴
Peak intensity LEDs/each optic	2	
Light colour	White	gr
Required components:		
		30° 15° 0° 15° 36°
SEOUL		90° 90°
SEOUL SEMICONDUCTOR		90°
SEQUL SEMICONDUCTOR	SEOUL DC 3528	5°
seoul semiconductor LED FWHM / FWTM	92.0 + 59.0° / 128.0 + 82.0°	21. 21. 21. 21. 21. 21. 21. 21. 21.
seoul semiconductor LED FWHM / FWTM Efficiency		64 - 200 - 64 35 - 25 - 25 - 25 - 25 - 25 - 25 - 25 -
sedul semiconductor LED FWHM / FWTM	92.0 + 59.0° / 128.0 + 82.0° 78 %	55 ⁴ 55 50 50 60 60 60 60 60 60 60 60 60
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm	5 ¹ 5 ¹ 6 ¹ 7 ² 8 ¹ 8 ¹ 8 ¹ 8 ¹ 8 ¹ 8 ¹ 8 ¹ 8 ¹
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1	30. 30.
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1	94 ⁴ 95 ⁴
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1 White	20 ⁻
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1 White SEOUL DC 3528	94 ⁴ 95 ⁴
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1 White SEOUL DC 3528 92.0 + 59.0° / 127.0 + 82.0°	94 ⁴ 95 ⁴
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1 White SEOUL DC 3528 92.0 + 59.0° / 127.0 + 82.0° 77 %	94 ⁴ 95 ⁴
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	92.0 + 59.0° / 128.0 + 82.0° 78 % 0.6 cd/lm 1 White SEOUL DC 3528 92.0 + 59.0° / 127.0 + 82.0° 77 % 0.6 cd/lm	94 ⁴ 95 ⁴



PHOTOMETRIC DATA (SIMULATED):

seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SEOUL DC 3528 88.0 + 48.0° / 122.0 + 76.0° 76 % 0.6 cd/lm 2 White	94 97 97 97 97 97 97 97 97 97 97 97 97 97
		34° 137° 00 137° 34°
SEOUL SEOUL SEMICONDUCTOR		90*
LED	SEOUL DC 3528	
FWHM / FWTM	91.0 + 48.0° / 122.0 + 77.0°	700 700
Efficiency	76 %	- 200
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 400 43*
Required components:		200 - 20 ¹



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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