

LINDA-UP

~145° + 100° extra wide beam for uplighting

TECHNICAL SPECIFICATIONS:

Dimensions	25.7 x 1140.0 mm
Height	7.8 mm
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component LINDA-UP **Type** Linear lens

Material	Colour	Finish
PMMA		

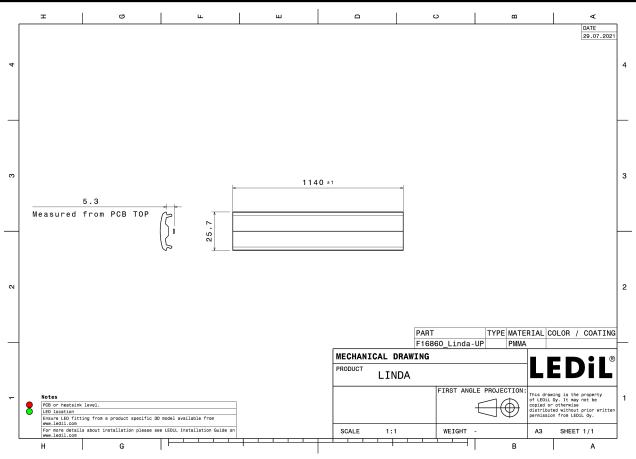
ORDERING INFORMATION:

Component F16860_LINDA-UP » Box size: 1185 x 150 x 115 mm

Qty in box	MOQ	MPQ	Box weight (kg)
100	100	100	12.6



PRODUCT DATASHEET F16860_LINDA-UP



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



CITIZE	'N	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CLUC11 Asymmetric 85 % 0.3 cd/lm 1 White	
CREE (LEC) LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G3 Asymmetric 84 % 0.2 cd/lm 1 White	
LUMIL LED FWHM / FWTM	EDS LUXEON 3030 2D (Round LES) Asymmetric	39 ⁴ 39
Efficiency Peak intensity LEDs/each optic Light colour Required compone	86 % 0.3 cd/lm 1 White ents:	61 67 50 67 360
	NF2W757G-MT (Tunable White)	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 87 % 0.3 cd/lm 1 Tunable White ents:	

Last update: 19/01/2022Subject to change without prior noticePublished: 10/04/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.3/10Downloaded from Arrow.com3/10



		20*
LED	NFSW757H	»
FWHM / FWTM	Asymmetric	75*
Efficiency	88 %	
Peak intensity	0.3 cd/lm	60° 61*
LEDs/each optic	1	
Light colour	White	5° 50
Required compone		300
		400
		\times / \setminus \times
		30° 15° 30°
OSRAM		90* 90*
LED	PL-LIN-Z5 1100 280x20	
FWHM / FWTM	Asymmetric	75* 75*
Efficiency	82 %	
Peak intensity	0.3 cd/lm	60*
LEDs/each optic	1	200
Light colour	White	
Required compone	nts:	300
		400
		130° 15 ⁵ 0° 10° 30°
OSRAM		50° 50°
LED	PL-LIN-Z5 2000 280x20	
FWHM / FWTM	Asymmetric	75* 78*
Efficiency	80 %	
Peak intensity	0.3 cd/lm	60° 60°
LEDs/each optic	1	20
Light colour	White	45°
Required compone	nts:	30
		\times / \times
		400
		30* 30*
OSRAM		· · · · · · · · · · · · · · · · · · ·
Opto Semiconductors		90* 90*
LED	Duris E 2835	20
FWHM / FWTM	Asymmetric	256
Efficiency	88 %	av ^e
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	$\times/7$
Light colour	White	es*
Required compone	nts:	
		460
		30°



OSRAM Opto Semiconductors		
		200
LED	Duris E 2835	
FWHM / FWTM	Asymmetric	209
Efficiency	82 %	200
Peak intensity	0.3 cd/lm	109
LEDs/each optic	1	μο 10
	' White	139-
Light colour Required componer		109
Required componer	115.	•
		3
		-106.4° -102.4° -41.4° -47.5° -46.4° -22.5° -6.4° -22.5° -61.4° -67.5° -102.4°
OSRAM		
Opto Semiconductors		90° 90°
LED	Duris E 2835	75* 75*
FWHM / FWTM	Asymmetric	100
Efficiency	80 %	60%
Peak intensity	0.3 cd/lm	200
LEDs/each optic	1	$\times / / \top \setminus \times$
Light colour	White	43. 42.
Required componer	nts:	300
		\times
		400
		30°
		<u>13°</u> 0° <u>13°</u>
PHILIP		
		90* 90*
LED	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4	<u>90</u> * <u>90</u> *
		70 70
LED	Fortimo LED Strip 1ft 1100Im FC HV4 & LV4	97 98 98 98 98 98 98 98 98 98 98 98 98 98
LED FWHM / FWTM	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric	20 50 50 50 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 %	751 751
LED FWHM / FWTM Efficiency Peak intensity	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White	294
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White	291
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White	294
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White	294
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts:	294 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White	294 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts:	294 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric	294 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component EPHILLOP LED FWHM / FWTM Efficiency	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 % 0.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component PHILLIP FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component PHILLIP FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component PHILLIP FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 % 0.3 cd/lm 1 White	
ED WHM / FWTM fficiency Peak intensity EDs/each optic .ight colour Required component Required component ED ED WHM / FWTM fficiency Peak intensity .EDs/each optic .ight colour	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 Asymmetric 82 % 0.3 cd/lm 1 White hts: S Fortimo LED Strip 1ft 650lm FC HV4 & LV4 Asymmetric 83 % 0.3 cd/lm 1 White	



0.0.0.0.0		
SAMSL	ING	90* 90*
LED	LM28xB Series	
FWHM / FWTM	Asymmetric	25°
Efficiency	88 %	
Peak intensity	0.3 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45* 45*
Required compone	nts:	20
		400
		30° 30°
0.0.0.0.0		
SAMSL	ING	90* 90*
LED	LM301B	
FWHM / FWTM	Asymmetric	75* 100
Efficiency	87 %	
Peak intensity	0.3 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	et et
Required compone	nts:	30
		\times
		400
		\times / \times
		30° 15° 0° 15° 30°
SΛMSL	ING	90* 90*
LED	LM561C	
FWHM / FWTM	Asymmetric	750 780
Efficiency	87 %	
Peak intensity	0.3 cd/lm	60° 60*
LEDs/each optic	1	210
Light colour	White	45*
Required compone	nts:	300
		\times
		400
		30* 30*
0.0.0.0		15 ² 0 ⁶ 15 ⁴
S ΛΜSL		90* 90*
LED	LT-H282C	
FWHM / FWTM	Asymmetric	75* 75*
Efficiency	86 %	
Peak intensity	0.3 cd/lm	60°
LEDs/each optic	1	\times \rightarrow
Light colour	White	45* 45*
Required compone	nts:	
		\times
		400



SAMSU	ING	91*
LED	LT-Q282B	
FWHM / FWTM	Asymmetric	73* 78*
Efficiency	88 %	
Peak intensity	0.3 cd/lm	EQ ⁴
LEDs/each optic	1	
Light colour	White	6° 6'
Required componer	its:	30
		400
		30° 15 ⁵ 70 10° 30°
сллен		10, 300 10,
SAMSU		90* 90*
LED	LT-S282H	
FWHM / FWTM	Asymmetric	78*
Efficiency	87 %	eur (
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	\times / $$ T \setminus \times
Light colour	White	42° 63'
Required componer	ts:	30
		400
		30° 15° 0° 15° 30°
SEOUL		NH
SEOUL SEMICONDUCTOR	SEOUL DC 3528	90* 90*
FWHM / FWTM	Asymmetric	739 793
Efficiency	88 %	
Peak intensity	0.3 cd/lm	ege ege
LEDS/each optic	1	
	1 White	6. 30
Light colour	1 White	6° 6'
LEDs/each optic Light colour Required componer	1 White	
Light colour	1 White	- 20
Light colour Required componer	1 White Its:	
Light colour Required componer	1 White Its:	- 20
Light colour Required componer	1 White its: ILE 24x280mm 1250lm HV ADV5	50 50 50 50 50 50 50 50 50 50 50 50 50 5
Light colour Required componer TRIDON LED FWHM / FWTM	1 White its: ILE 24x280mm 1250lm HV ADV5 Asymmetric	- 20
Light colour Required componer TRIDON LED FWHM / FWTM Efficiency	1 White tts: ILE 24x280mm 1250lm HV ADV5 Asymmetric 83 %	23 30 40 40 55 0 55 30 40 55 30 55 30 55 30 55 30 55 55 30 55 55 55 55 55 55 55 55 55 5
Light colour Required componer TRIDON LED FWHM / FWTM Efficiency Peak intensity	1 White tts: ILE 24x280mm 1250lm HV ADV5 Asymmetric 83 % 0.3 cd/lm	29 29 29 29 29 29 29 29 29 29
Light colour Required componer TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White tts: ILE 24x280mm 1250lm HV ADV5 Asymmetric 83 % 0.3 cd/lm 1	
Light colour Required componer TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White Its: ULE 24x280mm 1250lm HV ADV5 Asymmetric 83 % 0.3 cd/lm 1 White	
Light colour Required componer TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White Its: ULE 24x280mm 1250lm HV ADV5 Asymmetric 83 % 0.3 cd/lm 1 White	
Light colour Required componer TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White Its: ULE 24x280mm 1250lm HV ADV5 Asymmetric 83 % 0.3 cd/lm 1 White	
Light colour Required componer TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White Its: ULE 24x280mm 1250lm HV ADV5 Asymmetric 83 % 0.3 cd/lm 1 White	



TRIDO	NIC	50° 50°
LED	LLE 24x280mm 650lm HV ADV5	
FWHM / FWTM	Asymmetric	751 702
Efficiency	83 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	20
Light colour	White	45'
Required compone	ents:	500 400 51° 10' 0' 10' 51°
TRIDO	NIC	31*
LED	LLE FLEX CC 14mm 1250lm ADV1	
FWHM / FWTM	Asymmetric	75'
Efficiency	86 %	
Peak intensity	0.3 cd/lm	. 50 ⁴
LEDs/each optic	1	
Light colour	White	er et
Required compone	ents:	



PHOTOMETRIC DATA (SIMULATED):

🙆 LUMILEE)S	90 ⁺
LED FWHM / FWTM	LUXEON CSP HL1 93.0 + 135.0° / 163.0 + 167.0°	37
Efficiency	88 %	20
Peak intensity	0.4 cd/lm	601
LEDs/each optic	5	200
Light colour	White	400
Required components:	Wine	50
		60
		700
		30* 15* 5
Μ ΝΙCΗΙΛ		
LED	NFSWE11A	
FWHM / FWTM	Asymmetric	75
Efficiency	82 %	
Peak intensity	0.3 cd/lm	505 200
LEDs/each optic	1	
Light colour	White	45'
Required components:		400
		560
		15 00 15
OSRAM Opto Semiconductors		90*
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	75
Efficiency	87 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	X / we X
Light colour	White	est .
Required components:		400
		5%0
		\times \wedge \times
		600



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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