

LINNEA-UP

Asymmetric beam for uplighting optimized for 1.0 mm metal sheet or profile. Variant made from PC.

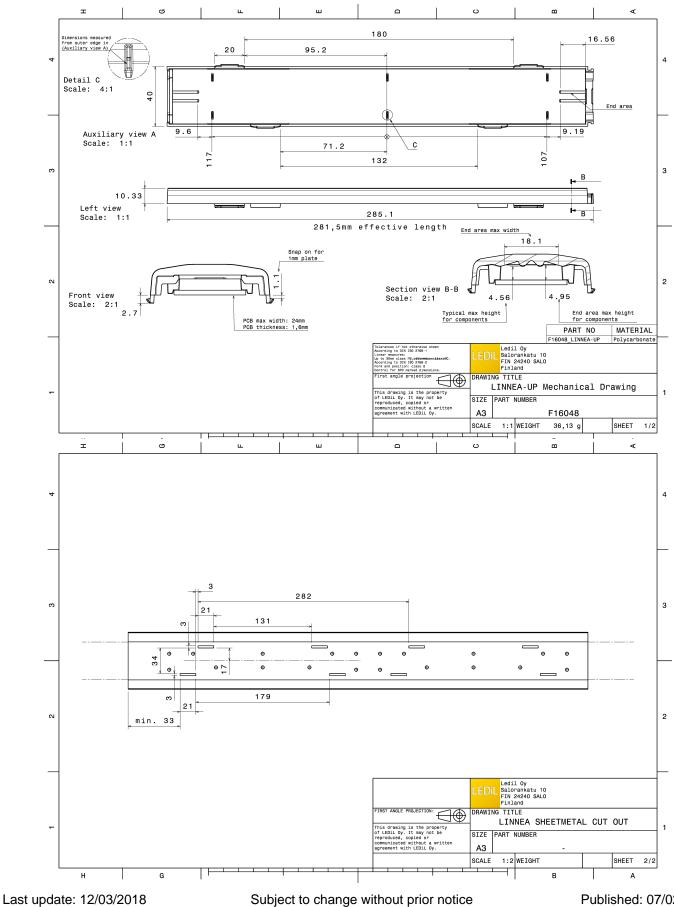
TECHNICAL SPECIFICATIONS:

Dimensions	285.0 x 40.0 mm
Height	10.3 mm
Fastening	clips
Colour	clear
Box size	578 x 378 x 295 mm
Box weight	7.3 kg
Quantity in Box	180 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component LINNEA-UP **Type** Linear lens **Material** PC **Colour** clear



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FWHM Efficiency Peak intensity LEDs/each optic	White	99° 73° 61° 61° 60° 60° 60° 60° 60° 60° 60° 60
		500 500 500 500 500 500 500 500 500 500
FWHM Efficiency Peak intensity LEDs/each optic	XP-E Asymmetric 76 % 0.300 cd/lm 1 White	60° 60° 50° 50° 50° 50° 50° 50° 50° 5
Helvar		500 30° 13° 66 33° 30°
LED FWHM Efficiency Peak intensity LEDs/each optic	White	97 97 75 200 77 65 200 67
		400 30 ³ 15 ³ 0 ⁴ 15 ³ 30 ⁴
FWHM Efficiency Peak intensity LEDs/each optic	White	5° 50 50 50 50 50 50 50 50 50 50 50 50 50



[
Helvar LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	9,9° 90° 6,4° 200 60° 6,5° 200 60° 6,5° 200 60° 8,0° 8,0° 8,0° 8,0° 8,0° 8,0° 8,0° 8,
Helvar LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	90° 70° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LinLED 280x24mm 1100lm 8x0 4C 30V Opt G1 Asymmetric 76 % 0.300 cd/lm 1 White	200 100 100 100 100 100 100 100
WICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	30 ⁴ 30 ⁹



ΜΝΙCΗΙΛ		
LED	NFSW757H	
FWHM	Asymmetric	25* 200 75*
Efficiency	74%	
Peak intensity	0.266 cd/lm	60° 200 60°.
LEDs/each optic		\times / \top \times
Light colour	White	43* 300 45*
Required compor		
		400
		\times / \times
		20° 30° 30° 30°
OSRAM		90° 90°
LED	PrevaLED Linear Slim 3 (1100lm)	
FWHM	Asymmetric	25* 200 757
Efficiency	74 %	
Peak intensity	0.270 cd/lm	. 60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	18° 300 6°
Required compor	ents:	\times
		400
		\times \times
		30. 12, 0, 12, 30.
OSRAM		99°
OSRAM LED		50 ¹
OSRAM LED FWHM	PrevaLED Linear Slim 3 (2000lm)	25 200 75
LED FWHM		50 50 F
LED FWHM Efficiency	PrevaLED Linear Slim 3 (2000lm) Asymmetric	20° 20° 60°
LED FWHM	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm	
LED FWHM Efficiency Peak intensity	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White ients:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White lents: Duris S5 (2 chip)	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White eents: Duris S5 (2 chip) Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White ents: Duris S5 (2 chip) Asymmetric 75 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White ents: Duris S5 (2 chip) Asymmetric 75 % 0.270 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White tents: Duris S5 (2 chip) Asymmetric 75 % 0.270 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White tents: Duris S5 (2 chip) Asymmetric 75 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White tents: Duris S5 (2 chip) Asymmetric 75 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White tents: Duris S5 (2 chip) Asymmetric 75 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White tents: Duris S5 (2 chip) Asymmetric 75 % 0.270 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Optic Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	PrevaLED Linear Slim 3 (2000lm) Asymmetric 74 % 0.270 cd/lm 1 White tents: Duris S5 (2 chip) Asymmetric 75 % 0.270 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

OSRAM		
Opto Semiconductors	Durie CE (Circele akia)	90° 90°
LED	Duris S5 (Single chip)	751 () 752
FWHM	Asymmetric	
Efficiency	76 %	. 60° 66°
Peak intensity	0.280 cd/lm	× / 7-200
LEDs/each optic		
Light colour	White	63° 300 63°
Required compon	ents:	
		700
		30° 30°
		15 ⁴ 0 ⁴ 15 ⁴
PHILIP	S	
LED	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4	
FWHM	Asymmetric	B1 () () () () () () () () () () () () ()
Efficiency	73 %	
Peak intensity	0.250 cd/lm	60°
LEDs/each optic		200
Light colour	White	
Required compon		(d2, 3)0 d2,
Required compon	ens.	\times
		400
		\times
		30° 500 30° 30° 30°
DUUUD	C	
PHILIP	3	90° 90°
LED	Fortimo LED Strip 1ft 650lm FC HV4 & LV4	
FWHM	Asymmetric	75*
Efficiency	73 %	
Peak intensity	0.240 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 43*
Required compon	ents:	***
		\times
		400
		30" 30"
		15° 0° 15° 0°
SAMSU	ING	
LED	LM28xB Series	90° 90°
FWHM	Asymmetric	75* (100) 75*
Efficiency	82 %	
	82 % 0.240 cd/lm	. 60° 200 60°
Peak intensity		
LEDs/each optic		
Light colour	White	40 40
Required compon	ents:	X X
		X
		XIX

Last update: 12/03/2018Subject to change without prior noticePublished: 07/02/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.6/11



PHOTOMETRIC DATA (MEASURED):

SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM301B Asymmetric 75 % 0.260 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM561B Plus Asymmetric 76 % 0.300 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LT-H282C Asymmetric 77 % 0.310 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity	LT-Q282B Asymmetric 77 % 0.310 cd/lm	200 200 200 200 200 200 200 200

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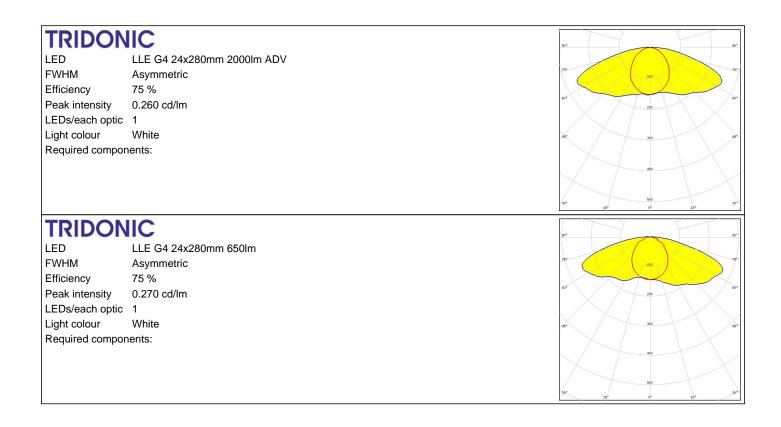


PHOTOMETRIC DATA (MEASURED):

SAMSU	NG	
	LT-S282H	90* 90
	Asymmetric	75* (100) 75
	77 %	
	0.320 cd/lm	60* 200 60'
LEDs/each optic		$\nabla \times I \to \times \nabla$
	White	
Required compon		400 400
Required compon	ents.	\times
		30° 500 30° 30° 30°
SAMSU	NC	
		90° 90°
	LT-V282E	75* 100 75*
	Asymmetric	
•	77 %	60% 200 60%
•	0.320 cd/lm	
LEDs/each optic		
U	White	43°
Required compon	ents:	
		500
		30° 15° 0° 15° 30°
SEOUL		THI HI
SEOUL SEMICONDUCTOR		
		90° 90°
LED	SEOUL DC 3030	234 (c)
LED FWHM	Asymmetric	50 ¹ 50
LED FWHM Efficiency	Asymmetric 76 %	54 ¹ 75 61 ³ 60 ³ 700 700 700 700
LED FWHM Efficiency Peak intensity	Asymmetric 76 % 0.280 cd/lm	94 99 75 20 75 04 20 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 0.280 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 0.280 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 0.280 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 0.280 cd/lm 1 White	5)* 50* 50* 50* 50* 50* 50* 50* 50
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 0.280 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 76 % 0.280 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 76 % 0.280 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 76 % 0.280 cd/lm 1 White ents: IC	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 76 % 0.280 cd/lm 1 White ents: ILE G4 24x280mm 1250lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 76 % 0.280 cd/lm 1 White ents: ILE G4 24x280mm 1250lm Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 76 % 0.280 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 76 % 0.280 cd/lm 1 White ents: LLE G4 24x280mm 1250lm Asymmetric 75 % 0.270 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 0.280 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 0.280 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 76 % 0.280 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 0.280 cd/lm 1 White ents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 76 % 0.280 cd/lm 1 White ents:	

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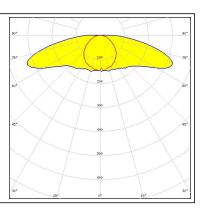






PHOTOMETRIC DATA (SIMULATED):

SEOUL		
SEOUL SEMICONDUCTOR		
LED	SEOUL DC 3030C	
FWHM	Asymmetric	
Efficiency	79 %	
Peak intensity	0.326 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		





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:

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LEDiL Oy

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