

LINNEA-ZT25

Asymmetric beam for wall-washing and 1.0 mm metal sheet or profile. Variant made from PC.

TECHNICAL SPECIFICATIONS:

Dimensions	285.0 x 40.0 mm
Height	11.6 mm
Fastening	clips
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourFinishLINNEA-ZT25Linear lensPCclear

ORDERING INFORMATION:

Component

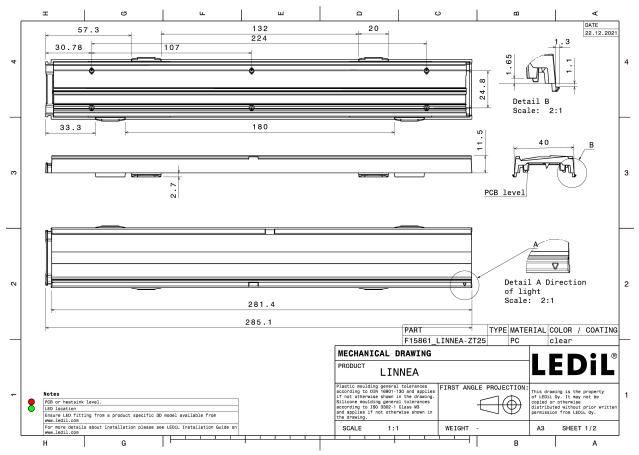
F15861_LINNEA-ZT25

» Box size: 398 x 298 x 265 mm

Qty in box	MOQ	MPQ	Box weight (kg)
144	36	36	7.7

PRODUCT DATASHEET F15861_LINNEA-ZT25





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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CALOSNU405-M7W1 Asymmetric 81 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CALOSNU410-M7W1 Asymmetric 81 % 0.8 cd/lm 1 White nts:	
CREE CLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E Asymmetric 80 % 0.7 cd/lm 1 White	
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	L-iC-282-827-865-011A Asymmetric 81 % 0.8 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 Asymmetric 81 % 0.8 cd/lm 1 White ents:	
Helvar		50 ⁴ 50 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LS-282-840-011A Asymmetric 80 % 0.8 cd/lm 1 White ents:	
		20 ⁴ 20 ⁴ 20 ⁴
Helvar LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone		
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1 Asymmetric 79 % 0.7 cd/lm 1 White	



		50* 30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2x757G Asymmetric 81 % 0.7 cd/lm 1 White	
∕∕ NICHI∧		50° 900
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NFSW757H Asymmetric 82 % 0.6 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
Maria		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NFSx757G Asymmetric 80 % 0.8 cd/lm 1 White nts:	
OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	PL-LIN-IND-Z1 2800 560x24 Asymmetric 83 % 0.6 cd/lm 1 White	



OSRAM		90* 90*
LED	PL-LIN-Z5 1100 280x20	
FWHM / FWTM	Asymmetric	73*
Efficiency	80 %	
Peak intensity	0.6 cd/lm	200
LEDs/each optic	1	
Light colour	White	at at
Required compone	nts:	
		400
		36*
		15° 0° 15°
OSRAM		90* 90*
LED	PL-LIN-Z5 2000 280x20	
FWHM / FWTM	Asymmetric	
Efficiency	80 %	660 660
Peak intensity	0.6 cd/lm	- 200
LEDs/each optic	1	
Light colour	White	d2. d2.
Required compone	nts:	400
		30*
		15° 0° 15°
OSRAM		255 ¹ 0 ⁴ 125 ¹
OSRAM Opto Semiconductors		100 100 100 100 100 100 100 100 100 100
Opto Semiconductors	Duris S5 (2 chip)	20 20 20 20 0 0 20 0 0 20 0 0 20 20 20 2
Opto Semiconductors LED FWHM / FWTM	Asymmetric	70° 0° 10°
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 81 %	62 32 34 36 36 36 36 36 36 36 36 36 36
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 81 % 0.8 cd/lm	et. 250 251 252 251 251 251 251 251 251 251 251
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.8 cd/lm 1	et. 26 26 26 26 26 26 26 26 26 26 26 26 26
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White	ar 20 20 20 40 50 60 60 60 60 60 60 60 60 60 6
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 81 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White	er 60 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Asymmetric 81 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componed	Asymmetric 81 % 0.8 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 81 % 0.8 cd/lm 1 White nts:	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED	Asymmetric 81 % 0.8 cd/lm 1 White Ints: Duris S5 (Single chip)	3x 3x 3x 3x 6x 60 3x 5x
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componed OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 81 % 0.8 cd/lm 1 White Ints: Duris S5 (Single chip) Asymmetric	20 21 21 21 21 20 20 20 20 20 20 20 20 20 20
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 81 % 0.8 cd/m 1 White nts: Duris S5 (Single chip) Asymmetric 83 %	20 21 21 21 21 20 20 20 20 20 20 20 20 20 20
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 81 % 0.8 cd/lm 1 White Ints: Duris S5 (Single chip) Asymmetric	20 21 21 21 21 20 20 20 20 20 20 20 20 20 20
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.8 cd/lm 1 White nts: Duris S5 (Single chip) Asymmetric 83 % 0.8 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White nts: Duris S5 (Single chip) Asymmetric 83 % 0.8 cd/lm 1 White	20 21 21 21 21 20 20 20 20 20 20 20 20 20 20
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 81 % 0.8 cd/lm 1 White nts: Duris S5 (Single chip) Asymmetric 83 % 0.8 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20 20 20 20 2
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White nts: Duris S5 (Single chip) Asymmetric 83 % 0.8 cd/lm 1 White	22 24 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 81 % 0.8 cd/lm 1 White nts: Duris S5 (Single chip) Asymmetric 83 % 0.8 cd/lm 1 White	200 200 200 200 200 200 200 200 200 200



PHILIP	DS	90°
LED	Fortimo LED Strip 1ft 1100Im FC HV4 & LV4	
FWHM / FWTM	Asymmetric	72*
Efficiency	80 %	
Peak intensity	0.6 cd/lm	200
LEDs/each optic	1	
Light colour	White	6° 61
Required compone	ents:	2 ⁵ 0 ⁷ 12 ⁷ 20
PHILIP	PS	50° 50°
LED	Fortimo LED Strip 1ft 650lm FC HV4 & LV4	
FWHM / FWTM	Asymmetric	23.
Efficiency	81 %	60
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	65× 65
Required compone	ents:	
		9 ⁵⁴
SVWSI	JNG	90°
LED	LM28xB Series	
FWHM / FWTM	Asymmetric	
Efficiency	82 %	607 60
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	er et
Required compone	ents:	400 300 100 0° 300
SVWS	JNG	90°
LED	LM561B Plus	
FWHM / FWTM	Asymmetric	
Efficiency	79 %	60 ⁻
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	955 460 43
Required compone	ents:	900



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LED	LT-H282C	•••
		599 -
FWHM / FWTM	Asymmetric	193
Efficiency	81 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	337
Light colour	White	29
Required compone	nts:	19
		10
		5
		-116-0* -110-0* -116-0* -116-0* -22.4* 6.4* 22.4* 6.6* 10.4* 116-4* 116-4* 116-4*
SAMSU	ING	(a)
		100
LED	LT-H562C	500
FWHM / FWTM	Asymmetric	••• ••••
Efficiency	81 %	603
Peak intensity	0.6 cd/lm	59
LEDs/each optic	1	**
Light colour	White	20)
Required compone	nts:	
		19
		100 100
CUWUS	INC	
SVWSI		50° 50°
LED	LT-Q282B	<u>N</u> , <u>N</u> , <u>N</u> ,
LED FWHM / FWTM	LT-Q282B Asymmetric	
LED FWHM / FWTM Efficiency	LT-Q282B Asymmetric 81 %	
LED FWHM / FWTM Efficiency Peak intensity	LT-Q282B Asymmetric 81 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White Its:	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White Ints:	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White Ints:	27°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White Ints:	20, 0, 30, 20, 0, 30, 20, 0, 30, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM Efficiency	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White Ints:	20, 0, 30, 20, 0, 30, 20, 0, 30, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White Ints:	B1, D0. D2, D2, D3,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White ints:	B1, D0. D2, D2, D3, D2, D4, D4, D5, D4, D5, D4, D5, D4, D5, D5, D5, D5,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White ints:	B1, D0. D2, D2, D3, D2, D4, D4, D5, D4, D5, D4, D5, D4, D5, D5, D5, D5,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White ints:	B1, D0. D2, D2, D3, D2, D4, D4, D5, D4, D5, D4, D5, D4, D5, D5, D5, D5,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White ints:	20, 0, 30, 20, 0, 30, 20, 0, 30, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White ints:	20, 0, 30, 20, 0, 30, 20, 0, 30, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-Q282B Asymmetric 81 % 0.6 cd/lm 1 White ints:	20, 0, 30, 20, 0, 30, 20, 0, 30, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,



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SAMSI	UND	····
LED	LT-S562H	500
FWHM / FWTM	Asymmetric	••••
Efficiency	81 %	ו• -
Peak intensity	0.6 cd/lm	33
LEDs/each optic	1	"
Light colour	White	29
Required compone	ents:	200
		159-
		109-
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		200
LED	LT-S562H	77
FWHM / FWTM	Asymmetric	
Efficiency	81 %	eg1 200 601
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	400 45°
Required compone	ents:	
		600
		347
0.0.0.0		15 ⁵ 0 ⁶ 25 ⁵
SAMSI	UNG	90* 90*
LED	LT-V282E	
LED FWHM / FWTM		77
	LT-V282E	
FWHM / FWTM Efficiency	LT-V282E Asymmetric	27 61 ⁵
FWHM / FWTM Efficiency Peak intensity	LT-V282E Asymmetric 82 %	20 65 20 67
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-V282E Asymmetric 82 % 0.7 cd/lm	gr 40 cr
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White	04 40 42
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White	g*
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White	27 29 20 20 20 20 20 20 20 20 20 20 20 20 20
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	22° 0° 12° 0° 12° 25° 25° 25° 25° 25° 25° 25° 25° 25° 2
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	A
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	22
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	788 -
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents: UNC LT-V282E Asymmetric 81 %	72
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents: UNC LT-V282E Asymmetric 81 % 0.6 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	30 40
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	30 40
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LT-V282E Asymmetric 82 % 0.7 cd/lm 1 White ents:	



SAMSI	UNG	90° 90°
LED	LT-V562E	
FWHM / FWTM	Asymmetric	13
Efficiency	82 %	200
Peak intensity	0.7 cd/lm	601 · · · · · · · · · · · · · · · · · · ·
LEDs/each optic	1	
Light colour	White	95× 400 ez*
Required compone		
		600
		36*
<u>слллс</u> і		259 T
SAMS	UNG	200 - · · · · · · · · · · · · · · · · · ·
LED	LT-V562E	
FWHM / FWTM	Asymmetric	50
Efficiency	81 %	BW
Peak intensity	0.6 cd/lm	••• • • • • • • • • • • • • • • • • •
LEDs/each optic	1	559
Light colour	White	337-
Required compone	ents:	289
		199
		-111.4" -111.4" -11.4" -11.4" -12.4" Let 21.4" -12.4" -14.
SEOUL		90* 90*
SEOUL SEMICONDUCTOR		90+ NO
seoul semiconductor	SEOUL 5630D	99 ⁴ 72
seoul semiconductor LED FWHM / FWTM	Asymmetric	90°
seoul semiconductor LED FWHM / FWTM Efficiency	Asymmetric 80 %	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 80 % 0.7 cd/lm	
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 80 % 0.7 cd/lm 1	94 99 95 20 96 60 60*
stour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White	200 27 60 40 60 67
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 80 % 0.7 cd/lm 1 White	95° 300 72 66° 60° 62°
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White	99° 900 22 69° 20 72 69° 60° 60°
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 80 % 0.7 cd/lm 1 White	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SEOUL SEMICONDUCTOR	Asymmetric 80 % 0.7 cd/lm 1 White	50 ¹
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 80 % 0.7 cd/lm 1 White ents:	50°
seoul semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seoul semiconbuctor LED FWHM / FWTM	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030	50 ¹
stour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stour semiconbuctor LED FWHM / FWTM Efficiency	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030 Asymmetric	50 ¹
stour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030 Asymmetric 82 %	50 ¹
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030 Asymmetric 82 % 0.8 cd/lm 1 White	50 ¹
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seoul semiconductor LED	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030 Asymmetric 82 % 0.8 cd/lm 1 White	50 ¹
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030 Asymmetric 82 % 0.8 cd/lm 1 White	94 99*
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030 Asymmetric 82 % 0.8 cd/lm 1 White	94 99*
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 80 % 0.7 cd/lm 1 White ents: SEOUL DC 3030 Asymmetric 82 % 0.8 cd/lm 1 White	9 ¹

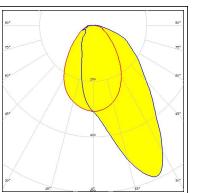


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LED		LLE 2

FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic

Light colour

LLE 24x280mm 650lm HV ADV5 Asymmetric 81 % 0.6 cd/lm 1 White Required components:



TRIDONIC

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:

LLE G4 24x280mm 1250lm Asymmetric 81 % 0.6 cd/lm 1 White

FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component state st			
FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:	TRIDO	NIC	90 ⁺
FWHM / FWTM Asymmetric Efficiency 80 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:	LED		
Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:	FWHM / FWTM	Asymmetric	73*
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:	Efficiency	80 %	60°
Light colour White Required components: TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:	Peak intensity	0.6 cd/lm	
Required components: TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:	LEDs/each optic	1	
TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components: Image: Component State	Light colour	White	ger at
TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:	Required compone	ents:	
TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:			40
TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:			
TRIDONIC LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component state stat			30-
LED LLE G4 24x280mm 650lm FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:			
FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:	TDDO		
FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components: ***	TRIDO	NIC	90 ⁴ 90 ⁴
Peak intensity 0.8 cd/m LEDs/each optic 1 Light colour White Required components:			
LEDs/each optic 1 Light colour White Required components:		LLE G4 24x280mm 650lm	71
Light colour White Required components:	LED FWHM / FWTM Efficiency	LLE G4 24x280mm 650lm Asymmetric	72*
Required components:	LED FWHM / FWTM Efficiency Peak intensity	LLE G4 24x280mm 650lm Asymmetric 82 %	72*
50 30 30	LED FWHM / FWTM Efficiency	LLE G4 24x280mm 650lm Asymmetric 82 % 0.8 cd/lm	73° 72° 69°
	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 650lm Asymmetric 82 % 0.8 cd/lm 1 White	72° 75° 69° 60°
30* 30° 32*	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 650lm Asymmetric 82 % 0.8 cd/lm 1 White	72° 75° 69° 60°
30° 800 32°	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 650lm Asymmetric 82 % 0.8 cd/lm 1 White	72° 75° 69° 60°
	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LLE G4 24x280mm 650lm Asymmetric 82 % 0.8 cd/lm 1 White	72° 75° 69° 60°



PHOTOMETRIC DATA (SIMULATED):

CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XT-E Asymmetric 81 % 0.7 cd/lm 1 White	99 99 90 90 90 90 90 90 90 90 90 90 90 9
		20 ⁴ 25 ⁷ 0 ⁴ 25 ⁷
CONTRACTOR	DS	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 2D (Round LES) Asymmetric 83 % 0.9 cd/lm 1 White	200 00 00 00 00 00 00 00 00 00
Μ ΝΙCΗΙΛ		90° 90°
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	NFSx757D Asymmetric 73 % 1 White	57 57 57 57 57 57 57 57 60 60 60 60 60 60 60 60 60 60 60 60 60
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Duris E5 Asymmetric 82 % 0.7 cd/lm 1	60. 60. 25. 26. 26. 26.



PHOTOMETRIC DATA (SIMULATED):

SNMSU	NG	90* 90*
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components	LM561B Asymmetric 73 % 1 White S:	
SEOUL		90 ⁴ 90 ⁴
LED	SEOUL DC 3030C	75
FWHM / FWTM	Asymmetric	
Efficiency	75 %	est est
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	art 40
Light colour Required component	White s:	