

PRODUCT DATASHEET C14275_SHELLY-T-6X1-N

SHELLY-T-6X1-N

Asymmetric square beam for illuminating near field shelf objects and floor/ground areas in larger environments

SPECIFICATION:

Dimensions Height Fastening ROHS compliant 119.8 x 19.6 mm 7 mm pin, screw yes 1



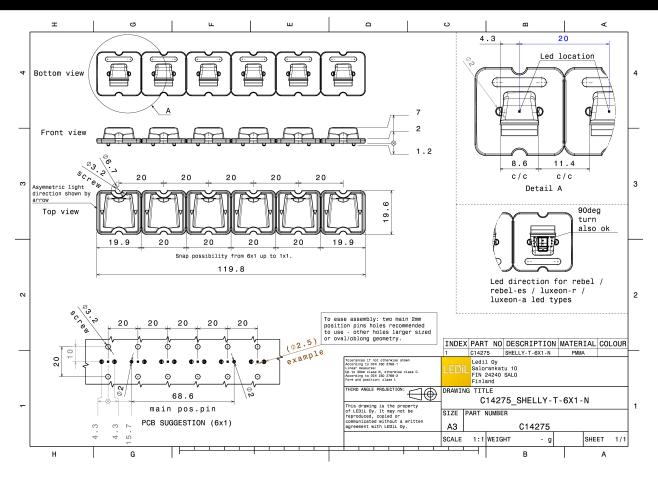
MATERIALS:

Component	Туре	Material	Colour	Finish
SHELLY-T-6X1-N	Linear lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14275_SHELLY-T-6X1-N	728	28	28	6.8
» Box size: 480 x 280 x 300 mm				

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



	XB-D	90° 90°
		75* 75*
	Asymmetric	
-	94 %	615 604
	0.4 cd/lm	
LEDs/each optic	1	
•	White	 . 62.e
Required componen	ts:	400
		\times
		500
		30° 33°
CREE ÷		
		90* 90*
	XQ-E HD	738
	Asymmetric	
	93 %	
	0.5 cd/lm	
LEDs/each optic	1	
-	White	 45* 400 45*
Required componen	ts:	
		30* 30*
	EDS	
		<u>81</u> 81
LED	LUXEON Rebel	91 [*] 90 [*]
LED FWHM / FWTM	LUXEON Rebel Asymmetric	21 21 91*
LED FWHM / FWTM Efficiency	LUXEON Rebel Asymmetric 94 %	61 ⁴ 200 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm	6 ⁵ 50 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1	80 ⁴ 73 ⁴ 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White	21
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts:	0x 3x 3x 0x 0x 0x
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts: EDS LUXEON Rebel ES Asymmetric	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts:	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts:	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts:	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen COMPART Equired componen COMPART Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts: EDS LUXEON Rebel ES Asymmetric 94 % 0.5 cd/lm 1 White	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts: EDS LUXEON Rebel ES Asymmetric 94 % 0.5 cd/lm 1 White	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen COMPART Equired componen COMPART Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts: EDS LUXEON Rebel ES Asymmetric 94 % 0.5 cd/lm 1 White	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen COMPARIANCE EQUINIENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel Asymmetric 94 % 0.5 cd/lm 1 White ts: EDS LUXEON Rebel ES Asymmetric 94 % 0.5 cd/lm 1 White	8°



UMIL	EDS	90* 90*
LED	LUXEON T	
FWHM / FWTM	Asymmetric	75* 100 75*
Efficiency	94 %	
Peak intensity	0.4 cd/lm	604 604
LEDs/each optic	1	
Light colour	White	45*
Required componer		
		\times / \top / \times
		30° 19 ² 9° 19°
UMIL	EDS	90+ 90+
LED	LUXEON TX	
FWHM / FWTM	Asymmetric	75*
Efficiency	94 %	
Peak intensity	0.5 cd/lm	200 200
LEDs/each optic	1	
Light colour	White	45*
Required componer		
		 (30° 133° 0° 10° 30°)
UMIL	EDS	90* 90*
LUMIL	EDS LUXEON Z ES	8°
		20° 20'
LED	LUXEON Z ES	20 ⁴ 20 20 20
LED FWHM / FWTM Efficiency Peak intensity	LUXEON Z ES Asymmetric	90° 90° 73° 73° 84° 200 69°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1	90° - 90° 73° - 72° 64° - 64°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White	50° 50° 33° 64 [°] 67° 69 [°] 67°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White	50 50 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White	20 Jo 20 Jo 6' Gr 0 Gr
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric	<u>804</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric 94 %	<u>804</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u> <u>100</u>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric 94 % 0.5 cd/lm	20 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric 94 % 0.5 cd/lm 1	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer EQUINATION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric 94 % 0.5 cd/lm 1 White	20 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric 94 % 0.5 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer EQUINATION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric 94 % 0.5 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer EQUINATION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES Asymmetric 93 % 0.5 cd/lm 1 White nts: NCSxx19A Asymmetric 94 % 0.5 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



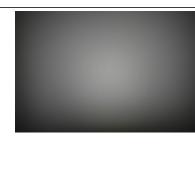
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B Asymmetric 94 % 0.4 cd/Im 1 White	
EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2x757A Asymmetric 94 % 0.5 cd/lm 1 White	
EED FWHM / FWTM Efficiency Peak intensity	NVSxx19A Asymmetric 94 % 0.4 cd/lm	
LEDs/each optic Light colour Required compone	1 White nts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C Asymmetric 94 % 0.4 cd/Im 1 White	

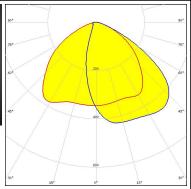


OSRAM

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required compon
Required compone

Duris S5 (2 chip) Asymmetric 93 % 0.5 cd/lm 1 White ents:







OPTICAL RESULTS (SIMULATED):

		90* 90*
LEDS		\$0°
LED	XP-E	736 100 775
FWHM / FWTM	Asymmetric	
Efficiency	92 %	.50 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	' White	
Required components:	White	400 457
Required components.		
		XITX
		0/0
		30* 415° 0° 15° 30°
CREE ÷		
		90* 90*
LED	XQ-D	300
FWHM / FWTM	Asymmetric	50% 200 50*
Efficiency	88 %	
LEDs/each optic	1	300
Light colour	White	6° 6°
Required components:		400
		200
		X / T / X
		30* <u>15</u> ³ 0 [*] 15* 30 [*]
		90* 90*
LED	XQ-E HI	
FWHM / FWTM	Asymmetric	73° 500 773°.
Efficiency	92 %	200
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45°
Required components:		\times \times \times
		20
		30* 30*
		15, 0, 13,
		90* 90*
LED	LUXEON 2835 Line	
FWHM / FWTM	Asymmetric	720 702
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 65*
Required components:		400
		\times $/$ $/$ \times
		207 60 27



OPTICAL RESULTS (SIMULATED):

UMILEI	DS	90* 90
LED	LUXEON 3030 HE Plus	
FWHM / FWTM	Asymmetric	75
Efficiency	95 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45
Required components:		
		20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
	DS	90°
LED	LUXEON 3535L	
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	
Peak intensity	0.5 cd/lm	66* 667
LEDs/each optic	1	
Light colour	White	45* 65
Required components:		
		20 ⁴ 20 ⁵ 0 ⁵ 20 ⁵ 30 ⁶
Μ ΝΙCΗΙΛ		30* 90
LED	NF2x757G	
FWHM / FWTM	Asymmetric	75 75
Efficiency	92 %	200
Peak intensity	0.5 cd/lm	6°
LEDs/each optic	1	
Light colour	White	45* 400 65
Required components:		
		30* 13 ⁵ 0 ⁸ 15* 3i



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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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LEDiL Oy

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