

PRODUCT DATASHEET FN16358_STELLA-G2-T4

STELLA-G2-T4

IESNA Type IV light distribution for wider roads and large outdoor areas. Compatible with up to 30 mm LES size COBs. Variant with black frame.

SPECIFICATION:

Dimensions	Ø 90.0 mm
Height	45.2 mm
Fastening	socket
Ingress protection classes	IP67
ROHS compliant	yes 🛈



Colour

clear

black

Finish

MATERIALS:

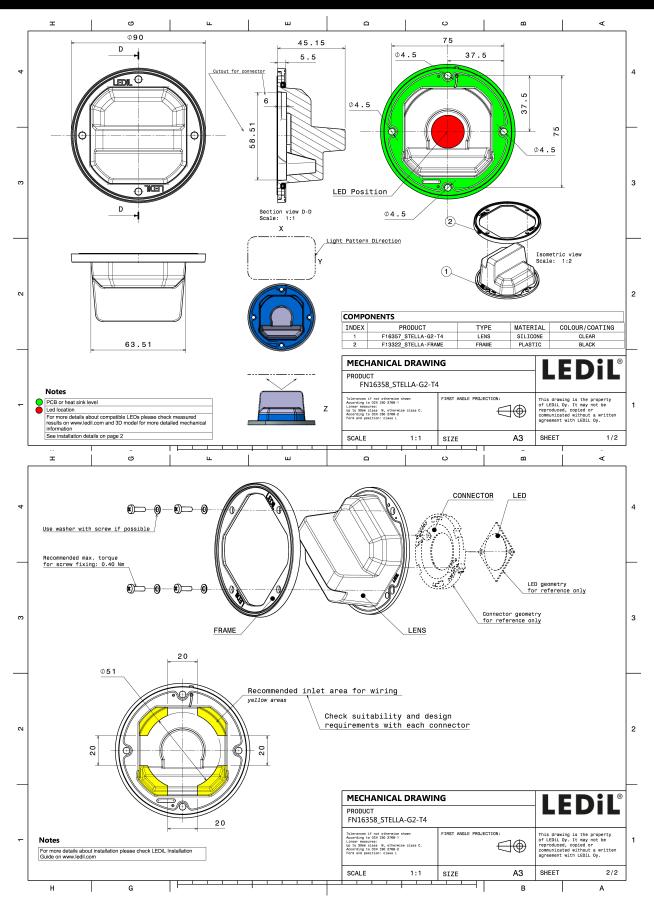
Component STELLA-G2-T4 STELLA-FRAME

Туре	Material
Single lens	Silicone
Holder	PA66

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN16358_STELLA-G2-T4	Single lens	90	90	15	7.4
» Box size: 480 x 280 x 300 mm					

PRODUCT DATASHEET FN16358_STELLA-G2-T4



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



OPTICAL RESULTS (MEASURED):

bridgelux.		
LED	V18 Gen 8-9	90° 90°
FWHM / FWTM	Asymmetric	75*
		200
Efficiency	91 % 0.7 cd/lm	. 60°
Peak intensity		
LEDs/each optic	1	40
Light colour	White	45° 5% 63*
Required compone	nts:	600
		700
		30° 45° 0° 15° 30°
bridgeluy		
bridgelux.		90° 90°
LED	V22 Gen7	75* 700 75*
FWHM / FWTM	Asymmetric	
Efficiency	87 %	. eve
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	400
Light colour	White	6°
Required compone		
Bender Wirth: 43	31 Typ Z1	00
		700
		30° 15' 800 10° 30°
la se la se la se		
bridgelux.		50 ⁴
LED	V22 Gen7	99 ¹ 20
LED FWHM / FWTM	Asymmetric	5° 75 70 70 70
LED FWHM / FWTM Efficiency	Asymmetric 88 %	
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 88 % 0.6 cd/lm	50 ⁴ 70 60 ⁴ 70 70 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.6 cd/lm 1	50° 70° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White	99° 72° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 88 % 0.6 cd/lm 1 White nts:	99° 750 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 88 % 0.6 cd/lm 1 White nts:	50° 73° 60° 60° 70° 70° 70° 70°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 88 % 0.6 cd/lm 1 White nts:	5° 50° 50° 50° 50° 50° 50° 50° 60° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity:	Asymmetric 88 % 0.6 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity:	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity:	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgeLUX. LED FWHM / FWTM	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgeLUX. LED FWHM / FWTM Efficiency	Asymmetric 88 % 0.6 cd/m 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgetux. LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgeluX. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgeluX. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgeluX. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone TE Connectivity: bridgeluX. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.6 cd/lm 1 White nts: 2213480-1 V22 Gen7 Asymmetric 89 % 0.6 cd/lm 1 White	



OPTICAL RESULTS (MEASURED):

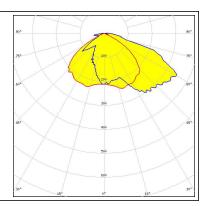
SAMSUNG LED LC040D

LLD
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic

Light colour

Required components:

LC040D / LC060D / LC080D Asymmetric 90 % 0.5 cd/lm 1 White





bridgelux.		90* 99*
LED	V13 Gen 8-9	
FWHM / FWTM	Asymmetric	734 780
Efficiency	83 %	200
Peak intensity	0.8 cd/lm	400
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required components:		
Bender Wirth: 477 Ty	/p Z1	200
		$X / T \setminus X$
		30° 15° 30°
bridgelux.		
LED	V13 Gen7	
FWHM / FWTM	Asymmetric	750 700 700
Efficiency	83 %	200
Peak intensity	0.8 cd/lm	
	1	400
LEDs/each optic	ı White	
Light colour	white	65° 65°
Required components:	74	
Bender Wirth: 477 Ty	/p 21	700
		30° <u>30°</u> 30° 30°
bridgelux.		90° 90°
LED	V18 Gen 8-9	92*9*
	V18 Gen 8-9 Asymmetric	95°
LED		20°
LED FWHM / FWTM	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 82 %	92°
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 82 % 0.6 cd/lm	60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 82 % 0.6 cd/lm 1	99* 73* 73* 64* 60* 60* 60* 60* 60* 60* 60* 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.6 cd/lm 1 White	50° 500 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.6 cd/lm 1 White	99° 9° 73° 90° 60° 6° 60° 6° 60° 6° 80° 80° 80°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty	Asymmetric 82 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty	Asymmetric 82 % 0.6 cd/lm 1 White <i>y</i> p Z1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux. LED	Asymmetric 82 % 0.6 cd/lm 1 White <i>y</i> p Z1 V22 Gen 8-9	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux. LED FWHM / FWTM	Asymmetric 82 % 0.6 cd/lm 1 White /p Z1 V22 Gen 8-9 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux. LED FWHM / FWTM Efficiency	Asymmetric 82 % 0.6 cd/lm 1 White yp Z1 V22 Gen 8-9 Asymmetric 82 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgeluk LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 82 % 0.6 cd/lm 1 White /p Z1 V22 Gen 8-9 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux. LED FWHM / FWTM Efficiency	Asymmetric 82 % 0.6 cd/lm 1 White yp Z1 V22 Gen 8-9 Asymmetric 82 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgeluk LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 82 % 0.6 cd/lm 1 White yp Z1 V22 Gen 8-9 Asymmetric 82 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 82 % 0.6 cd/lm 1 White yp Z1 V22 Gen 8-9 Asymmetric 82 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.6 cd/lm 1 White yp Z1 V22 Gen 8-9 Asymmetric 82 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.6 cd/lm 1 White yp Z1 V22 Gen 8-9 Asymmetric 82 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 462 Ty bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.6 cd/lm 1 White yp Z1 V22 Gen 8-9 Asymmetric 82 % 0.5 cd/lm 1 White	



bridgelux. LED VERO13	
LED VEROI3	90* 90*
	750 701
FWHM / FWTM Asymmetric	200
Efficiency 90 %	507 /004
Peak intensity 0.9 cd/lm	400
LEDs/each optic 1	
Light colour White	ás* <u>600</u> 45*
Required components:	\times / \times
	000
	\times / \times /
	30° 15 ³ 1600 10° 30°
bridgelux.	90°
LED VERO18	4
FWHM / FWTM Asymmetric	
Efficiency 90 %	60° 60%
Peak intensity 0.7 cd/lm	400
LEDs/each optic 1	
Light colour White	-5*
Required components:	
	80
	30*
bridgelux.	90* 90*
LED VERO29	7 100
	75°
FWHM / FWTM Asymmetric	72.
FWHM / FWTMAsymmetricEfficiency92 %	
FWHM / FWTMAsymmetricEfficiency92 %Peak intensity0.5 cd/lm	20 ⁴ 200 201
FWHM / FWTMAsymmetricEfficiency92 %Peak intensity0.5 cd/lmLEDs/each optic1	20 ¹ 200 100 100 100 100 100 100 100 100 100
FWHM / FWTMAsymmetricEfficiency92 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhite	25
FWHM / FWTMAsymmetricEfficiency92 %Peak intensity0.5 cd/lmLEDs/each optic1	
FWHM / FWTMAsymmetricEfficiency92 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhite	20° 70° 70° 70°
FWHM / FWTMAsymmetricEfficiency92 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhite	20° 70° 70° 70° 70° 70° 70° 70° 70° 70° 7
FWHM / FWTMAsymmetricEfficiency92 %Peak intensity0.5 cd/lmLEDs/each optic1Light colourWhite	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State St	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State St	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State of the symmetric state	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State St	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State St	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
FWHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:	



bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Vesta TW 18mm (31W) DP Asymmetric 83 % 0.6 cd/lm 1 Tunable White	
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Vesta TW 22mm DP Asymmetric 82 % 0.6 cd/lm 1 Tunable White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Vesta TW 29mm DP Asymmetric 82 % 0.4 cd/lm 1 Tunable White	50° 100 100 100 100 100 100 100 1
CITUZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CLL02x/CLU02x (LES10) Asymmetric 83 % 0.9 cd/lm 1 White	



CITIZEN		
		90* 90*
LED	CLL03x/CLU03x	70 4 4 7 70
FWHM / FWTM	Asymmetric	200
Efficiency	82 %	
Peak intensity	0.8 cd/lm	400
LEDs/each optic	1	X/T X
Light colour	White	45°
Required components:		800
		X X
		800
		\times / \times /
		30° 19 ³ 1860 18° 30°
CITIZEN		THAY YHT
		90* 90*
LED	CLL04x/CLU04x	710 720
FWHM / FWTM	Asymmetric	
Efficiency	82 %	601 601
Peak intensity	0.5 cd/lm	**
LEDs/each optic	1	400
Light colour	White	45° 500 65°
Required components:		
		000
		700
		15 ² 0 ⁶ 15 ⁴
CITIZEN		
LIFU		
	CLL05x/CLU05x	731 500 702
FWHM / FWTM	Asymmetric	29 100 192
FWHM / FWTM Efficiency	Asymmetric 89 %	
FWHM / FWTM Efficiency Peak intensity	Asymmetric 89 % 0.4 cd/lm	179 100 100 100 100 100 100
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.4 cd/lm 1	27 10 10 10 10 10 10 10 10 10 10
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm	45° 460 45°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.4 cd/lm 1	27 200 200 200 200 200 200 200 2
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm 1	500 000 700 201
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm 1	900 000 200 700
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.4 cd/lm 1	900 000 200 700
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.4 cd/lm 1 White	90 60 70 20 ¹
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx	900 000 200 700
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx Asymmetric	900 000 200 700
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx Asymmetric 90 %	900 000 200 700
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREECS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx Asymmetric 90 % 0.8 cd/lm 1	900 000 200 700
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx Asymmetric 90 % 0.8 cd/lm	90 60 70 20 ¹
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREECS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx Asymmetric 90 % 0.8 cd/lm 1	90 60 70 20 ¹
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx Asymmetric 90 % 0.8 cd/lm 1	90 60 70 20 ¹
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.4 cd/lm 1 White CMT19xx Asymmetric 90 % 0.8 cd/lm 1	90 60 70 20 ¹



CREE ≑		
LEDS	CMT28xx	90* 90*
FWHM / FWTM		730 750
	Asymmetric	
Efficiency	90 % 0.6 cd/lm	60*
Peak intensity		400
LEDs/each optic	1	
Light colour	White	es, es,
Required components:		
		30* <u>15</u> ² 0° <u>15</u> ⁴ 30 ⁴
LEDS	CXA/B 3590	
FWHM / FWTM	Asymmetric	73%
Efficiency	89 %	
Peak intensity	0.4 cd/lm	.61 ⁶ 300 60*
LEDs/each optic	1	
Light colour	White	
Required components:	White	500 500
required components.		600
		700
		800
		30 ⁺ 15 ⁵ 0 ⁶ 15 ⁵ 30 ⁺
)S	20 ⁴ 22 ⁵ 0 ⁴ 22 ⁴ 20 ⁴
		99° 15 ¹ 0° 15° 30°
LED	LUXEON CoB 1204/1205	25° 25° 25°
LED FWHM / FWTM	LUXEON CoB 1204/1205 Asymmetric	20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency	LUXEON CoB 1204/1205 Asymmetric 88 %	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm	20° 200 20° 20° 200 20° 00° 600 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1	20 20 60 60 60 60 60 60 60 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm	Q ⁺ B00 Q ⁺ Q ⁺ Q ⁰ Q ⁺
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1	60 60 61 23 50 50 30 50 50 30 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1	30° 30° 30° 30° 30° 200 70° 70° 40° 60° 60° 60° 50° 60° 60° 60° 50° 60° 60° 60° 50° 60° 60° 60° 50° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric 82 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric 82 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric 82 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric 82 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric 82 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric 82 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON CoB 1204/1205 Asymmetric 88 % 0.8 cd/lm 1 White Fortimo SLM L13 CoB Asymmetric 82 % 0.8 cd/lm 1	



PHILIPS		TAYAH
LED	Fortimo SLM L19 CoB	90* 90*
FWHM / FWTM	Asymmetric	73°
Efficiency	82 %	200
Peak intensity	0.6 cd/lm	50 ⁴ 50 ⁴
LEDs/each optic	1	100
Light colour	' White	45" 550 45"
Required components:	white	
required components.		X X
		700
		X X
		30° 15° 30°
PHILIPS		
LED	Fortimo SLM L23 CoB	
FWHM / FWTM	Asymmetric	75°
Efficiency	82 %	200
Peak intensity	0.5 cd/lm	50° 300 50*
LEDs/each optic	1	40
Light colour	White	45* 200 45*
Required components:		
		700
		200
		30° 30° 30°
TRIDONIC		50° 50°
	SLE 13mm 3000lm xxx R ADV8	N' N'
		12 ³ 12 ³ 12 ³
LED FWHM / FWTM	SLE 13mm 3000lm xxx R ADV8	20 ¹ 20 20
LED FWHM / FWTM Efficiency	SLE 13mm 3000lm xxx R ADV8 Asymmetric	
LED FWHM / FWTM	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 %	
LED FWHM / FWTM Efficiency Peak intensity	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm	10° 10° 10° 10° 10° 10° 10° 10° 10° 10°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1	10 ¹ 17 ³ 17 ³ 10 ⁴ 10 ⁴ 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White	90* 72* 04* 409 60* 60* 60* 60* 60* 60* 60* 60* 60* 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric	20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 %	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency Peak intensity	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 % 0.6 cd/lm	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 % 0.6 cd/lm 1	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 % 0.6 cd/lm	00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 433 Ty TRIDONIC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SLE 13mm 3000lm xxx R ADV8 Asymmetric 83 % 0.8 cd/lm 1 White p Z1 SLE 17mm 5000lm xxx R ADV8 Asymmetric 83 % 0.6 cd/lm 1 White	



TRIDON	IC	92* 92
LED	SLE 21mm 6000lm xxx R ADV8	
FWHM / FWTM	Asymmetric	73%
Efficiency	83 %	
Peak intensity	0.5 cd/lm	561 ⁴ 360 664
LEDs/each optic	1	
Light colour	White	65° <u>xo</u> 65°
Required components	5:	
Bender Wirth: 466	Тур Z1	
		710
		000 30°
		432 00 132
TRIDON	C	30*
LED	SLE G7 LES17	
FWHM / FWTM	Asymmetric	754
Efficiency	83 %	
Peak intensity	0.7 cd/lm	50° 300 60°
LEDs/each optic	1	400
Light colour	White	67. 20 63
Required components	5.	
Bender Wirth: 466	Тур Z1	760
		860



PRODUCT DATASHEET FN16358_STELLA-G2-T4

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/

where_to_buy