

ANGELETTE-M-PLAIN

~50° medium beam. Clean appearance with no additional attachment interface.

TECHNICAL SPECIFICATIONS:

Dimensions Ø 110.0 mm Height Fastening socket yes 🛈

57.3 mm

ROHS compliant

MATERIAL SPECIFICATIONS:

LEDIL	

Component	Туре	Material	Colour	Finish	Coating
ANGELETTE-M-PLAIN	Reflector	PC	metal		

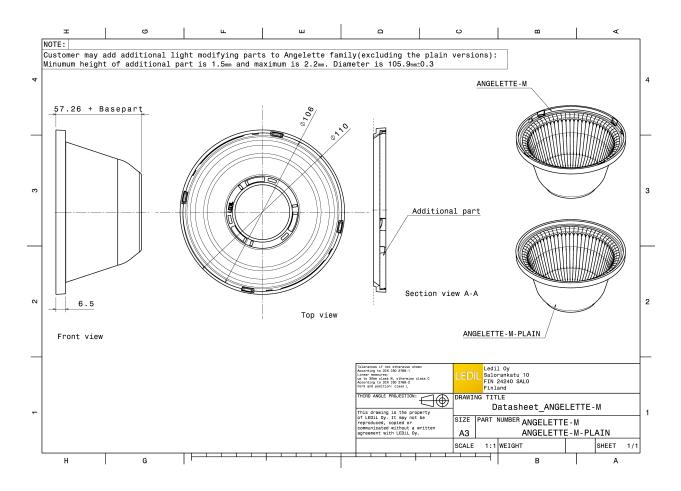
ORDERING INFORMATION:

Component

F14620_ANGELETTE-M-PLAIN » Box size: 398 x 298 x 265 mm

Qty in box	MOQ	MPQ	Box weight (kg)
160	80	40	7.1







bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213254-2	White	201 201 201 201 201 201 201 201
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2	White ents:	30°
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor IDEAL: 50-220	White	90 ¹ 97 97 97 97 97 97 97 97 97 97 97 97 97
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE IDEAL: 50-220	White ents:	



bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13658_CLAM	White ents:	30°
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13658_CLAM F13671_ANGE	White eents: IP-VERO13-18	
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13658_CLAM	White ents:	57 56 56 57 57 57 57 57 57 57 57 57 57 57 57 57
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13658_CLAM F13671_ANGE	White ents: P-VERO13-18	90° 77° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60



bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE	White ents: P-VERO29	20° 20° 20° 20° 20° 20° 20° 20°
bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM	White ents:	20 ⁴ 12 ⁴ 12 ⁴ 12 ⁴ 22 ⁴
bridgetux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13658_CLAM F13671_ANGE Bender Wirth: 4	Tunable White ents: P-VERO13-18 -RZ-LENS	99 ⁴ 99 ⁴ 60 ⁴ 60 ⁴ 80 ⁶ 80 ⁶
bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13658_CLAM Bender Wirth: 4	Tunable White ents: P-VERO13-18	200 - 20 ⁴



PRODUCT DATASHEET

bridgelux.			90* 90*
LED	Vesta TW 18mm (31W) DP		
FWHM	50.0°		70
Efficiency	85 %		
Peak intensity	1.1 cd/lm		60° - 400 - 60°
LEDs/each optic			
Light colour	Tunable White		g*
Required compor			
C13584_CLAM			
F13671_ANGE			
Bender Wirth:			
			12. 15. 12. 30. 30.
bridgelux.			90* 90*
LED	Vesta TW 18mm (31W) DP		
FWHM	47.0°		75
Efficiency	90 %		
Peak intensity	1.3 cd/lm		60° / 60°
LEDs/each optic			$X / V \to X$
Light colour	Tunable White		gr gr
Required compor			
C13584_CLAM			
Bender Wirth:			
Dender Wirth.	63 TYP E3		1220
			30° 35° 36°
bridgelux.		and the second se	90° 90°
bridgelux. LED	Vesta TW 22mm DP		<u>b</u> 2, <u>b</u> 2,
	Vesta TW 22mm DP 52.0°		<u>3</u> 2. 24. 26.
LED			84
LED FWHM	52.0°		60 ²
LED FWHM Efficiency	52.0° 85 % 1.1 cd/lm		602
LED FWHM Efficiency Peak intensity	52.0° 85 % 1.1 cd/lm		62, 00 64, 66, 00 64, 13, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15
LED FWHM Efficiency Peak intensity LEDs/each optic	52.0° 85 % 1.1 cd/lm 1 Tunable White		60 ⁻ 60 ⁻ 70 ⁻
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	52.0° 85 % 1.1 cd/lm 1 Tunable White ents:		60 ⁻ 60 ⁻ 70 ⁻
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29		60 ⁻ 60 ⁻ 70 ⁻
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS		60 ⁻ 60 ⁻ 70 ⁻
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3		60 ⁻ 60 ⁻ 70 ⁻
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0°		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgetux. LED FWHM Efficiency	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 %		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgetux. LED FWHM Efficiency Peak intensity	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 % 1.3 cd/lm		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgelux. LED FWHM Efficiency Peak intensity LEDs/each optic	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 % 1.3 cd/lm 1		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgelux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 % 1.3 cd/lm 1 Tunable White		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgetux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 % 1.3 cd/lm 1 Tunable White ents:		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgetux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 % 1.3 cd/lm 1 Tunable White ents: P-VERO29		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgetux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 % 1.3 cd/lm 1 Tunable White ents: P-VERO29		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM F13671_ANGE Bender Wirth: 4 bridgetux LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C13584_CLAM	52.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VERO29 -RZ-LENS 194 Typ L3 Vesta TW 22mm DP 48.0° 90 % 1.3 cd/lm 1 Tunable White ents: P-VERO29		



CITIZE	Ν		90° 90°
LED	CLL03x/CLU03x		
FWHM	45.0°		75°
Efficiency	87 %		400
Peak intensity	1.3 cd/lm		60* 60°
LEDs/each optic			X / X
Light colour	White		95* 42°
Required compor		and the second se	
	3CT + 50-2100AN		
			36* 36*
CITIZE	NT		(15% 0 ⁴)5°
CITIZE			90° 30°
LED	CLL03x/CLU03x		75*
FWHM	49.0°		
Efficiency	83 %		60° 60°
Peak intensity	1.1 cd/lm		$\wedge / / / \wedge \wedge /$
LEDs/each optic			
Light colour	White		e.
Required compor			
F13671_ANGE			
IDEAL: 50-210	3CT + 50-2100AN		
			30° 35° 3880 35° 36°
CITIZE	N		90° 90°
			90 ⁴
LED	CLL03x/CLU03x		2. 2. 3.
LED FWHM	CLL03x/CLU03x 49.0°		21. 25. 26.
LED FWHM Efficiency	CLL03x/CLU03x 49.0° 83 %		94 94 ³ 791 - 400 94 ³
LED FWHM Efficiency Peak intensity	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm		92* 92* 92* 92* 93* 92*
LED FWHM Efficiency Peak intensity LEDs/each optic	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm		6. 61. 63. 66. 60. 66. 75. 75. 75. 75. 75. 75.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White		6°
LED FWHM Efficiency Peak intensity LEDs/each optic	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents:		6°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents:		6°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS		6°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2	CLL03x/CLU03x 49.0° 83 % 1.1 cd/m 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1		25° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1		27
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0°		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 %		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency Peak intensity	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 % 1.3 cd/lm		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 % 1.3 cd/lm 1		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 % 1.3 cd/lm 1 White		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 % 1.3 cd/lm 1 White ents:		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 % 1.3 cd/lm 1 White		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 % 1.3 cd/lm 1 White ents:		25° 25° 25°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2 CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CLL03x/CLU03x 49.0° 83 % 1.1 cd/lm 1 White ents: -RZ-LENS + OPTIC CLIP Z50 TYPE1 2213194-1 N CLL03x/CLU03x 45.0° 88 % 1.3 cd/lm 1 White ents:		25° 25° 25°



	-	
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor IDEAL: 50-220	CLL04x/CLU04x 49.0° 88 % 1.2 cd/lm 1 White	No. No. No. No. No. 00 05 05 No. 00 05 05 No. 00 05 05
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE IDEAL: 50-220	CLL04x/CLU04x 51.0° 84 % 1.1 cd/lm 1 White tents:	200 200 200 200 200 200 200 200
CITIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor IDEAL: 50-220	CLU730/731 45.0° 87 % 1.3 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
CITTIZE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE IDEAL: 50-220	CLU730/731 48.0° 83 % 1.1 cd/lm 1 White hents:	25 ⁵ 26 ⁴ 27



CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14123_CLAM	CXA/B 15xx 46.0° 89 % 1.3 cd/lm 1 White eents:	24 27 28 29 29 20 20 20 20 20 20 20 20
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14123_CLAM F13671_ANGE	CXA/B 15xx 50.0° 85 % 1.1 cd/lm 1 White ents: IP-CXA15-18	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213401-2	CXA/B 1816 & CXA/B 1820 & CXA 1850 49.0° 85 % 1.1 cd/lm 1 White eents:	x, x
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213401-2	CXA/B 1816 & CXA/B 1820 & CXA 1850 45.0° 89 % 1.3 cd/lm 1 White	The Control The The



CREE \$ LED FWHM	CXA/B 1816 & CXA/B 1820 & CXA 1850 47.0°	12. 16. 10.
Efficiency	89 %	60° 400 60°
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	42× 651
Required compor	ents:	
C14123_CLAN	IP-CXA15-18	
		1200
		30* 36*
CREE \$		90 ⁴ 90 ⁴
LED		
FWHM	51.0°	75
Efficiency	85 %	
Peak intensity	1.1 cd/lm	50° 400 60°
LEDs/each optic		
Light colour	White	97° 657
Required compor		
C14123_CLAN		
F13671_ANGE		
_		300 300
		15° 0° 15°
CDFF -		Y
CREE \$		90* 90'
LED	CXA/B 25xx	90 71 72
LED FWHM	CXA/B 25xx 47.0°	9°
LED FWHM Efficiency	CXA/B 25xx 47.0° 88 %	90° 90 75° 72 60° 600 600
LED FWHM Efficiency Peak intensity	CXA/B 25xx 47.0° 88 % 1.2 cd/lm	9°* 99 7° 75 6° 75 6° 70 80 90
LED FWHM Efficiency Peak intensity LEDs/each optic	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1	9°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White	21
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required comport	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents:	91 92 91 92 90
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents:	9° 90 9° 80 7° 80 80 80 80 80 80 80 80
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required comport	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents:	ge*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required comport	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents:	21 ¹ 22 ¹ 0 ² 22 ¹ 22 ¹
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White ents: IP_CXA25-30	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White lents: IP_CXA25-30	94 99
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents: IP_CXA25-30 CXA/B 25xx	31. 32. 33.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents: IP_CXA25-30 CXA/B 25xx 52.0°	90° 70° 70° 70° 70° 70° 70° 70° 7
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White ents: IP_CXA25-30 CXA/B 25xx 52.0° 84 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White ents: IP_CXA25-30 CXA/B 25xx 52.0° 84 % 1.1 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents: IP_CXA25-30 CXA/B 25xx 52.0° 84 % 1.1 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents: IP_CXA25-30 CXA/B 25xx 52.0° 84 % 1.1 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW CREE ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White eents: IP_CXA25-30 CXA/B 25xx 52.0° 84 % 1.1 cd/lm 1 White eents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White tents: IP_CXA25-30 CXA/B 25xx 52.0° 84 % 1.1 cd/lm 1 White tents: IP_CXA25-30	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAW CREE ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	CXA/B 25xx 47.0° 88 % 1.2 cd/lm 1 White tents: IP_CXA25-30 CXA/B 25xx 52.0° 84 % 1.1 cd/lm 1 White tents: IP_CXA25-30	

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CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAM	CXA/B 30xx 50.0° 89 % 1.2 cd/lm 1 White eents:	30, 00 00 00 0, 00 00 30, 00
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14036_CLAM F13671_ANGE	CXA/B 30xx 53.0° 85 % 1 cd/lm 1 White ents: IP_CXA25-30	
Ethiciency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213130-2	LUXEON CoB 1208 49.0° 83 % 1.1 cd/lm 1 White eents:	20°
EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE IDEAL: 50-210	LUXEON CoB 1208 49.0° 83 % 1.1 cd/lm 1 White tents:	30° 30° 30° 30° 30° 30° 30° 30°



EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213130-2	LUXEON CoB 1208 45.0° 88 % 1.3 cd/lm 1 White	22 24 25 25 25 25 25 25 25 25 25 25
EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor IDEAL: 50-210	LUXEON CoB 1208 45.0° 88 % 1.3 cd/lm 1 White	24° 25° 0° 25° 2°
EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor IDEAL: 50-220	LUXEON CoB 1211 47.0° 88 % 1.2 cd/lm 1 White	2° 0° 0° 00 00 00 00 00 00 00 0
LUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE IDEAL: 50-220	LUXEON CoB 1211 50.0° 84 % 1.1 cd/lm 1 White ents:	

PRODUCT DATASHEET



	EDS	90* 90*
LED	LUXEON CoB 1216/1812	
FWHM	51.0°	
Efficiency	84 %	60* 60*
Peak intensity	1.1 cd/lm	400
LEDs/each optic	1	
Light colour	White	¢, ¢,
Required compor		800
F13671_ANGE		
IDEAL: 50-220	4-CT + 50-2100AN	
		30° 15% 0° 25° 30°
	EDS	90°
LED	LUXEON CoB 1216/1812	
FWHM	48.0°	75*
Efficiency	88 %	400
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	65°
Required compor		
IDEAL: 50-220	4-CT + 50-2100AN	
		30° 30°
		15° 0° 15°
ØNICHIA		90* 90*
	COB L-Type (LES 11)	99 ⁴ 99 ⁴ 99 ⁴
		32, 0, 32, 36, 36, 36,
LED FWHM Efficiency	COB L-Type (LES 11)	60 60 60 20 20 20 20 20 20 20 2
LED FWHM Efficiency Peak intensity	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm	257 0 ⁴ 15 ⁵ 99 ⁴ 99 ⁴ 99 ⁴ 80 80 80 ⁴ 80 ⁴ 80 ⁴ 80 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1	60° 60° 80°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White	er
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White tents:	1221 0 ² 122 01 02 02 02 00 02 03 00 02
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White	Gr. B00 Gr. 28.4 20.4 20.4 28.4 20.4 20.4
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White tents:	1230 1230 64 1230 64 66 731 66 732 73 734 73 735 73 736 66 737 73 738 73 739 73 731 73 732 73 733 73 734 73 735 73 736 73 737 73 738 73 739 73 734 73 735 73 736 73 737 73 738 73 739 73 739 73 739 73 739 73 739 73 739 73 739 73 739 73 739 73
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White tents:	257 0 ⁴ 12 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White vents: + OPTIC CLIP Z50 TYPE1 2213194-1	22 ¹ 0 ¹ 22 ¹ 92 ⁴ 22 ¹ 20 ¹ 92 ⁴ 20 ¹ 20 ¹
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White vents: + OPTIC CLIP Z50 TYPE1 2213194-1	122, 0, 12, 0, 12, 0, 12, 0, 12, 0, 0, 12, 0, 12, 0, 0, 12, 0, 0, 12, 0, 12, 0, 0, 12,0 0, 0, 12,0 0, 12, 0, 0, 12,0 0, 0, 12,0 0, 12, 0, 0, 12,0 0, 0, 12,0 0, 12, 0, 0,0 0, 12, 0, 12,0 0, 12, 0, 12,0 0, 12, 0, 12,0 0, 12, 0, 12,0 0, 12, 0, 12,0 0, 12, 0, 12,0 0, 12, 0, 12,0 0, 12, 0, 12,0
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White vents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0°	31. 32. 32. 32. 50. 50. 50. 50. 60. 50. 60. 60. 56. 50. 60. 60. 56. 50. 60. 60. 56. 50. 50. 50.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White vents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0° 87 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White eents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0° 87 % 1.3 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White tents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0° 87 % 1.3 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White nents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0° 87 % 1.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White nents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0° 87 % 1.3 cd/lm 1 White nents: 1	0. 00 0. 21. 00 0. 22.0 22.0 0. 25. 0. 0.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White nents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0° 87 % 1.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213382-2	COB L-Type (LES 11) 45.0° 88 % 1.3 cd/lm 1 White nents: + OPTIC CLIP Z50 TYPE1 2213194-1 COB L-Type (LES 11) 44.0° 87 % 1.3 cd/lm 1 White nents: 1	Bit Bit

PRODUCT DATASHEET



OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213130-2	PrevaLED Core Z4 LES19 49.0° 84 % 1.1 cd/lm 1 White hents: -RZ-LENS	20- 20- 20- 20- 20- 20- 20- 20-
OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: OPTIC CLI	PrevaLED Core Z4 LES19 46.0° 88 % 1.3 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TE: 2213254-2	White	27
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor F13671_ANGE TE: 2213254-2	White nents:	20- 20- 20- 20- 20- 20- 20- 20-

PRODUCT DATASHEET



OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon IDEAL: 50-2103	White	
OSRAM		
opto semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F13671_ANGE	White ents:	
OSRAM Opto Semiconductors		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F13671_ANGE TE: 2213407-2	White ents:	



PRODUCT DATASHEET

PHILIP	S S	50°
LED	Fortimo SLM L15 + SLM holder	
FWHM	46.0°	
Efficiency	88 %	400
Peak intensity	1.3 cd/lm	
LEDs/each optic		
Light colour	White	at
Required compon	ents:	
	P Z50 TYPE1 2213194-1	
		305 30
S /MSU		20° 0° 15'
	LC035T (Tunable white)	75
FWHM Efficiency	48.0° 90 %	
	90 % 1.3 cd/lm	60 ⁴
Peak intensity LEDs/each optic		
Light colour	Tunable White	
Required compon		
C13584_CLAM		
Bender Wirth: 5		
Dender Wirth.	Joz 199 E3	12%
		30° 367 15° 0° 15°
SAMSU		90 ⁴ 90
SAMSU		50 [*]
SAMSU LED FWHM	LC035T (Tunable white)	29 ³
LED FWHM		
LED	LC035T (Tunable white) 51.0°	94 ⁴ 90 75 ⁴ 75 60 ⁴ 60
LED FWHM Efficiency	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm	95 ⁴ 90 35 ⁴ 90 66 ⁵ 660 60
LED FWHM Efficiency Peak intensity	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm	50 ⁴ 50 79 69 ⁴ 60 9 ⁴ 60
LED FWHM Efficiency Peak intensity LEDs/each optic	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White	50 ⁴ X
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White tents:	5) ⁴ 75 60 ⁵ 75 75 75 75 75 75 75 75 75 75 75 75 75
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White eents: IP-VERO29	9) ⁴ 75 60 ⁴ 60 60 60 60 60 60 60 60 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White ents: IP-VER029 -RZ-LENS	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White tents: IP-VERO29 -RZ-LENS 502 Typ L3	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White tents: IP-VERO29 -RZ-LENS 502 Typ L3	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White tents: IP-VER029 -RZ-LENS 502 Typ L3	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White eents: IP-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5 SAMSU LED FWHM Efficiency	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White eents: IP-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0° 84 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5 SAMSU LED FWHM Efficiency Peak intensity	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White ents: P-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0° 84 % 1.1 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White ents: IP-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0° 84 % 1.1 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White ents: IP-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0° 84 % 1.1 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White tents: IP-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0° 84 % 1.1 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F13671_ANGE	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White eents: IP-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0° 84 % 1.1 cd/lm 1 White eents: -RZ-LENS	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C13584_CLAM F13671_ANGE Bender Wirth: 5 SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F13671_ANGE	LC035T (Tunable white) 51.0° 85 % 1.1 cd/lm 1 Tunable White tents: IP-VER029 -RZ-LENS 502 Typ L3 NG LC040C 48.0° 84 % 1.1 cd/lm 1 White tents:	



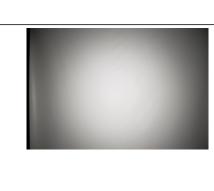
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TE: 2213382-2	LC040C 45.0° 88 % 1.3 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
seoul senconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon Optosource: SE	White ents:	25° (0) (0) (0) (0) (0) (0) (0) (0)
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon F13671_ANGE Optosource: SE	White ents: -RZ-LENS	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TE: OPTIC CLI	ONS WU-M-484 45.0° 87 % 1.3 cd/lm 1 White	29° 25° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60

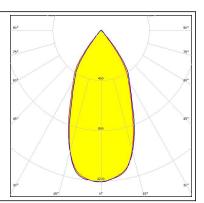
Last update: 24/11/2019Subject to change without prior noticePublished: 02/05/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.17/20



XICATO

LED	XIM - 19mm LES	
FWHM	49.0°	
Efficiency	89 %	
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
C16491_XTM-ADAPTER-50-A		







PHOTOMETRIC DATA (SIMULATED):

r		
bridgelux.		904 904
LED	V13 Gen7	73*
FWHM	46.0°	
Efficiency	91 %	60 ⁴
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	43 ² 43*
Required componer	its:	
C13658_CLAMP	VERO13-18	1270
Bender Wirth: 47	7 Typ L1	
		30* 30*
bridgelux.		90* 90*
LED	V22 Gen7	75*
FWHM	45.0°	75
Efficiency	94 %	
Efficiency Peak intensity		60° - 60°
	94 %	6)* 6;* 6;*
Peak intensity LEDs/each optic Light colour	94 % 1.5 cd/lm 1 White	00
Peak intensity LEDs/each optic	94 % 1.5 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	94 % 1.5 cd/lm 1 White ots:	
Peak intensity LEDs/each optic Light colour Required componer	94 % 1.5 cd/lm 1 White ots:	
Peak intensity LEDs/each optic Light colour Required componer	94 % 1.5 cd/lm 1 White ots:	



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.

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LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

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

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