

MOLLY-W

~60° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.8 mm
Height	22.1 mm
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component MOLLY-W **Type** Single lens

Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

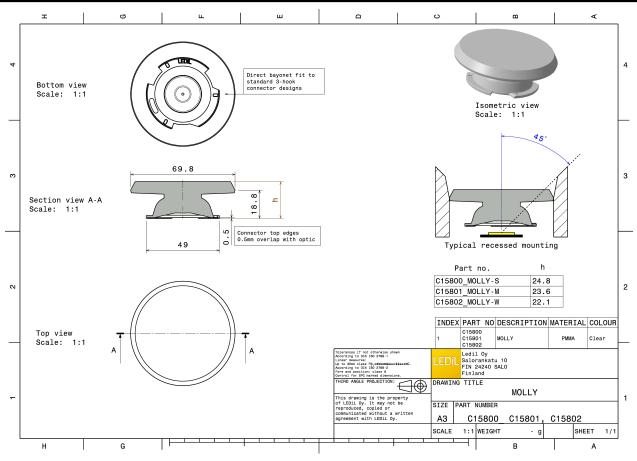
Component C15802_MOLLY-W » Box size: 476 x 273 x 292 mm

Qty in box	MOQ	MPQ	Box weight (kg)
198	36	18	8.1





PRODUCT DATASHEET C15802_MOLLY-W



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



bridgelux.		20,4
LED	Vero SE 13	
FWHM / FWTM	62.0° / 85.0°	
Efficiency	90 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	er et
Required compone	nts:	
	P-VEROSE-13-18	
		325 67 325
bridgelux.		50° 50°
LED	Vero SE 18	71 77
FWHM / FWTM	62.0° / 87.0°	
Efficiency	90 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	or or
Required compone	nts:	
C16402_CLAM	P-VEROSE-13-18	
		30 ⁻ 30-
bridgelux.		90°
LED	Vesta TW 15mm DP	
FWHM / FWTM	61.0° / 85.0°	
Efficiency	90 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	g
Required compone	nts:	
C13658_CLAM	P-VERO13-18	
Bender Wirth: 4	32 Typ L2	
		30"
bridgelux.	· · · · · · · · · · · · · · · · · · ·	90*
LED	Vesta TW 18mm (31W) DP	
FWHM / FWTM	60.0° / 86.0°	
Efficiency	89 %	67 67
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	a
Required compone	inte:	
C13584_CLAMI	P-VERO29	
C13584_CLAMI Bender Wirth: 4	P-VERO29	
	P-VERO29	



bridgelux.		
		90* 90
LED	Vesta TW 22mm DP	
FWHM / FWTM	61.0° / 87.0°	7
Efficiency	88 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	
Required compone		
C13584_CLAM		
Bender Wirth: 4		
		30 ⁴ 20 20 of 20
CITIZE	N	
LED	CLL03x/CLU03x	
FWHM / FWTM	61.0° / 86.0°	
Efficiency	89 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Bender Wirth: 4		
OTTION		
CITIZE	N	90*
LED	CLL03x/CLU03x	
FWHM / FWTM	58.0° / 83.0°	
Efficiency	90 %	
	90 78	
Peak intensity	0.9 cd/lm	
Peak intensity LEDs/each optic		
	0.9 cd/lm	
LEDs/each optic	0.9 cd/lm 1 White	at atat at
LEDs/each optic Light colour	0.9 cd/lm 1 White Ints:	
LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White Ints: P-Z45-A	
LEDs/each optic Light colour Required compone C16791_CLAMF	0.9 cd/lm 1 White Ints: P-Z45-A	
LEDs/each optic Light colour Required compone C16791_CLAMF	0.9 cd/lm 1 White onts: 2-Z45-A 2 2325807-3	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity	0.9 cd/lm 1 White onts: 2-Z45-A 2 2325807-3	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity	0.9 cd/lm 1 White onts: 2-Z45-A 2: 2325807-3 N	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity	0.9 cd/lm 1 White P-Z45-A 2 2325807-3 N LCN-C02B (Tunable White)	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity	0.9 cd/lm 1 White P-Z45-A 2 2325807-3 N LCN-C02B (Tunable White) 62.0° / 84.0°	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity CCITTIZE LED FWHM / FWTM Efficiency	0.9 cd/lm 1 White Ints: -245-A 2325807-3 N LCN-C02B (Tunable White) 62.0° / 84.0° 89 %	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity CITTIZE LED FWHM / FWTM Efficiency Peak intensity	0.9 cd/lm 1 White Ints: P-Z45-A 2325807-3 N LCN-C02B (Tunable White) 62.0° / 84.0° 89 % 0.9 cd/lm	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity CCITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.9 cd/lm 1 White P-Z45-A 2 2325807-3 N LCN-C02B (Tunable White) 62.0° / 84.0° 89 % 0.9 cd/lm 1 White	
LEDs/each optic Light colour Required compone C16791_CLAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity	0.9 cd/lm 1 White I P-Z45-A 2 2325807-3 N LCN-C02B (Tunable White) 62.0° / 84.0° 89 % 0.9 cd/lm 1 White I White I	
LEDs/each optic Light colour Required compone C16791_CLAMF TE Connectivity CCITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF	0.9 cd/lm 1 White I P-Z45-A 2: 2325807-3 N LCN-C02B (Tunable White) 62.0° / 84.0° 89 % 0.9 cd/lm 1 White I P-VERO13-18	
LEDs/each optic Light colour Required compone C16791_CLAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity CITTICAMH TE Connectivity	0.9 cd/lm 1 White I P-Z45-A 2: 2325807-3 N LCN-C02B (Tunable White) 62.0° / 84.0° 89 % 0.9 cd/lm 1 White I P-VERO13-18	



	0	90" 90"
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14123_CLAMF	CMA1840 64.0 + ° / 87.0° 91 % 0.8 cd/lm 1 White ints:	
		90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14036_CLAMF	CMA2550 63.0° / 88.0° 89 % 0.8 cd/lm 1 White ints:	27 27 27 20 20 20 20 20 20 20 20 20 20
	0	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14036_CLAMF	CMA3090 64.0° / 89.0° 89 % 0.8 cd/lm 1 White ints:	2 ² , 2 ³ ,
	0	90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 43	CMT14xx 60.0° / 83.0° 90 % 0.9 cd/lm 1 White onts: P-VERO13-18	75 72 72 72 72 72 72 72 72 72 72 72 72 72



		50"	90*
LED	CMT19xx		
FWHM / FWTM	61.0° / 85.0°	7	7.2
Efficiency	90 %		\sim
Peak intensity	0.8 cd/lm		69'
LEDs/each optic	1		\land \checkmark
Light colour	White	gr.	45
Required compone			K
C13658_CLAMF			
Bender Wirth: 47			
		36°	36.
		90*	901
LED	CMT28xx		
FWHM / FWTM	61.0° / 87.0°	7	× 7-75'
Efficiency	88 %		\times
Peak intensity	0.8 cd/lm		× °
LEDs/each optic	1		
Light colour	White	9 ¹	
Required compone			IK
C13584_CLAMF			
Bender Wirth: 47			\mathcal{Y}
		24	30*
		15% 00	15°
		90 ⁴	90*
LED	CXA/B 15xx		
FWHM / FWTM	61.0° / 84.0°	72*	
Efficiency	90 %		$\sim \sim \sim$
Peak intensity	0.9 cd/lm		γ 7
LEDs/each optic	1		\rightarrow \times
Light colour	White	87	45'
Required compone	nts:		
C14123_CLAMF	P-CXA15-18		X
		30°	15. 34
	EDS	90°	90°
LED	LUXEON CoB 1204HD		
FWHM / FWTM	57.0° / 80.0°	7	75
Efficiency	89 %		
Peak intensity	1 cd/lm		K (
LEDs/each optic	1		
Light colour	White		
	nts:		
Required compone			
Required compone	nts: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1		
Required compone			



		90 [°]
LED	CDM-14 (Dim-To-Warm)	
FWHM / FWTM	64.0° / 86.0°	
Efficiency	89 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	e.
Required compone		
C13658_CLAMP		
Bender Wirth: 49	91 Typ L2	341 200
	NUS	90° (15°
LED	CDM-18 (Dim-To-Warm)	
FWHM / FWTM	63.0° / 87.0°	
Efficiency	89 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C13658_CLAMP		
Bender Wirth: 49		
	NUS	90 ⁴
LED	CDM-9 (Dim-To-Warm)	
FWHM / FWTM	61.0° / 83.0°	77
Efficiency	89 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	ø
Required compone		
C13658_CLAMP		
Bender Wirth: 49		
Dender Wirth. 43		30'
60		*ei *o *ee
E LUMI	NUS	90°
		9°*
LED	CTM-14 (Tunable White)	5.
LED FWHM / FWTM	CTM-14 (Tunable White) 62.0° / 85.0°	
LED FWHM / FWTM Efficiency	CTM-14 (Tunable White) 62.0° / 85.0° 88 %	72
LED FWHM / FWTM Efficiency Peak intensity	CTM-14 (Tunable White) 62.0° / 85.0° 88 % 0.8 cd/lm	72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CTM-14 (Tunable White) 62.0° / 85.0° 88 % 0.8 cd/lm 1	72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CTM-14 (Tunable White) 62.0° / 85.0° 88 % 0.8 cd/lm 1 White	72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	CTM-14 (Tunable White) 62.0° / 85.0° 88 % 0.8 cd/lm 1 White nts:	72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer C13584_CLAMP	CTM-14 (Tunable White) 62.0° / 85.0° 88 % 0.8 cd/lm 1 White nts: P-VERO29	72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	CTM-14 (Tunable White) 62.0° / 85.0° 88 % 0.8 cd/lm 1 White nts: P-VERO29	72



	INUS	90*
LED	CTM-14 RGBW	
FWHM / FWTM	61.0° / 84.0°	7
Efficiency	89 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	RGBW	9 ⁹
Required compone		
C13584_CLAMF		
Bender Wirth: 50		
		30* 000 3 12° 0 ⁴ 32°
	INUS	90 ⁻
LED	CTM-22 (Tunable White)	
FWHM / FWTM	62.0° / 88.0°	71
Efficiency	87 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
C13584_CLAMF		un
Bender Wirth: 49	94 Typ L3	
		30* 20 66 20* 2
Ø NICHI∕		×
LED	NVCWJ024Z-V1MT: COB J-Type Tunable White	
	60.0° / 82.0°	77 200
FWHM/FWTM		
FWHM / FWTM Efficiency	89 %	
Efficiency	89 % 0.9 cd/lm	
Efficiency Peak intensity		
Efficiency Peak intensity LEDs/each optic	0.9 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White	60 ⁴
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF	0.9 cd/lm 1 White ents:	60
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White ents: P-VERO13-18	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF	0.9 cd/lm 1 White ents: P-VERO13-18	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 49	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 43	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 49 OSRAN LED FWHM / FWTM	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 49 OSRAN LED FWHM / FWTM Efficiency	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1 57.0° / 82.0°	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 49 OSRAN LED FWHM / FWTM Efficiency Peak intensity	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1 57.0° / 82.0° 90 %	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 45 OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1 57.0° / 82.0° 90 % 1 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 45 OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1 57.0° / 82.0° 90 % 1 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 49	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1 57.0° / 82.0° 90 % 1 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 45 OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1 57.0° / 82.0° 90 % 1 cd/lm 1 White ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C13658_CLAMF Bender Wirth: 45 OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.9 cd/lm 1 White ents: P-VERO13-18 98 Typ L2 PrevaLED Core G7 L15 H1 57.0° / 82.0° 90 % 1 cd/lm 1 White ents:	



PHILIF	DS	
LED	Fortimo SLM L13 CoB	
FWHM / FWTM	60.0° / 83.0°	
Efficiency	89 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
TE Connectivity	2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1	
PHILIP	DS	Nr.
LED	Fortimo SLM L15 + SLM holder	
FWHM / FWTM	57.0° / 81.0°	
Efficiency	89 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
TE Connectivity	: OPTIC CLIP Z50 TYPE1 2213194-1	
		30
PHILIP		15%
PHILIP		50°
LED	Fortimo SLM L15 CoB	72
FWHM / FWTM	60.0° / 83.0°	
Efficiency	88 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
I E Connectivity	2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1	
		30 ⁴ 13 ⁵ 0 ⁴ 13 ⁵
SAMSI	JNG	30*
LED	LC035T (Tunable white)	
FWHM / FWTM	62.0° / 88.0°	7
Efficiency	89 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	
Required compone		
C13584_CLAMI		
Bender Wirth: 5		
Denuel Wilth. 5		
Dender Witth. 5		



XICATO	0	50° 50°
LED FWHM / FWTM Efficiency	XTM - 19mm LES 60.0° / 85.0° 90 %	20
Peak intensity LEDs/each optic	90 % 0.9 cd/lm 1	60 ⁻
Light colour Required compone	White	a ^r ar
C16491_XTM-A		
		30° 35° 0° 35°



PHOTOMETRIC DATA (SIMULATED):

bridgelux.		
LED	V9 HD	
FWHM / FWTM	58.0° / 77.0°	
Efficiency	90 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	u White	
Required components:	Wille	
C13658_CLAMP-VEI	PO13-18	
Bender Wirth: 496 Ty		
Bender Wirtin. 496 Ty		
bridgelux.		90°
LED	VERO13	
FWHM / FWTM	55.0° / 75.0°	23.
Efficiency	90 %	
Peak intensity	1.1 cd/lm	60**
LEDs/each optic	1	
Light colour	White	93*
Required components:		
C13658_CLAMP-VEI	R013-18	
		30° 30° 30° 30°
CITIZEN		90° 90°
	CLL02x/CLU02x (LES10)	73.
FWHM / FWTM	54.0° / 73.0°	79
FWHM / FWTM Efficiency	54.0° / 73.0° 89 %	79
FWHM / FWTM Efficiency Peak intensity	54.0° / 73.0° 89 % 1.2 cd/lm	73 64 400
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	54.0° / 73.0° 89 % 1.2 cd/lm 1	75° 75° 66° 66° 67° 67°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 73.0° 89 % 1.2 cd/lm	75°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 73.0° 89 % 1.2 cd/lm 1 White	751 - 571 610 - 611 951 - 611 960 - 611
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 73.0° 89 % 1.2 cd/lm 1 White	79 - 79 - 79 - 79 - 79 - 79 - 79 - 79 -
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 73.0° 89 % 1.2 cd/lm 1 White	79° 79° 64° 60° 67° 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 73.0° 89 % 1.2 cd/lm 1 White	20° 00° 0° 50° 0° 50° 0° 50° 0° 50° 0°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 73.0° 89 % 1.2 cd/lm 1 White	Na, Na, Na, 2a, 0a, 0a, 2a, 0a, 0a,
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty	54.0° / 73.0° 89 % 1.2 cd/lm 1 White rp L1	30, 30, 30, 24, 30, 30, 36, 30, 30, 36, 30, 30, 36, 30, 30, 36, 30, 30, 36, 30, 30,
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty	54.0° / 73.0° 89 % 1.2 cd/lm 1 White p L1 CXA/B 1816 & CXA/B 1820 & CXA 1850	23- 23- 23- 23- 23- 23- 23- 23- 23- 23-
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty	54.0° / 73.0° 89 % 1.2 cd/lm 1 White p L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0°	27 29 29 29 29 29 29 29 29 29 29
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty Efficiency	54.0° / 73.0° 89 % 1.2 cd/lm 1 White p L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0° 90 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty Efficiency Peak intensity	54.0° / 73.0° 89 % 1.2 cd/lm 1 White p L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0°	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty Efficiency LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	54.0° / 73.0° 89 % 1.2 cd/lm 1 White rp L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0° 90 % 1.1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty Ender Wirth: 434 Ty LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 73.0° 89 % 1.2 cd/lm 1 White rp L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0° 90 % 1.1 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty CREEELED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 73.0° 89 % 1.2 cd/lm 1 White rp L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0° 90 % 1.1 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty Ender Wirth: 434 Ty LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	54.0° / 73.0° 89 % 1.2 cd/lm 1 White rp L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0° 90 % 1.1 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 434 Ty CREEELED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	54.0° / 73.0° 89 % 1.2 cd/lm 1 White rp L1 CXA/B 1816 & CXA/B 1820 & CXA 1850 58.0° / 78.0° 90 % 1.1 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

 LED
 CXA/B 25xx

 FWHM / FWTM
 57.0° / 77.0°

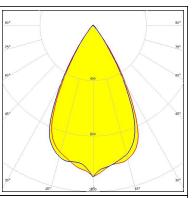
 Efficiency
 %

 Peak intensity
 1.1 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 C14036_CLAMP_CXA25-30



 LED
 CTM-18 (Tunable White)

 FWHM / FWTM
 54.0° / 75.0°

 Efficiency
 80 %

 Peak intensity
 1 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 C13658_CLAMP-VERO13-18

Last update: 26/10/2019Subject to change without prior noticePublished: 03/05/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.12/13



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.

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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

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