

## ANGELETTE-M2-PLAIN

~35° medium beam. Clean appearance with no additional attachment interface

## **SPECIFICATION:**

Dimensions	Ø 110.0 mm
Height	57.3 mm
Fastening	socket
ROHS compliant	yes 🛈



## **MATERIALS:**

Component	Туре	Material	Colour	Finish	Coating
ANGELETTE-M2-PLAIN	Reflector	PC	metal		

## **ORDERING INFORMATION:**

#### Component

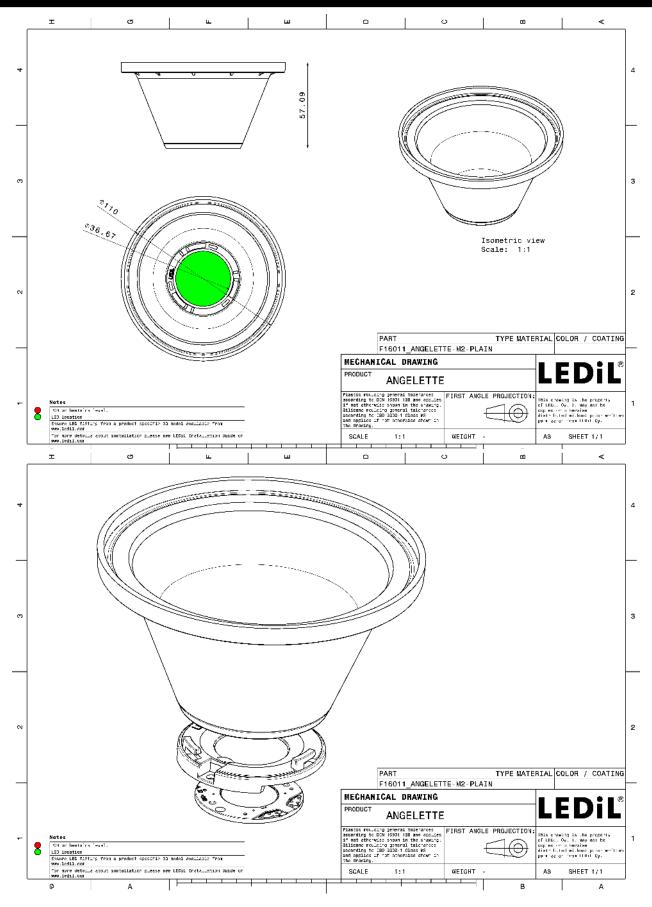
F16011\_ANGELETTE-M2-PLAIN

» Box size: 398 x 298 x 265 mm

Qty in box	MOQ	MPQ	Box weight (kg)
120	90	30	5.3

# 

## PRODUCT DATASHEET F16011\_ANGELETTE-M2-PLAIN



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

Last update: 18/08/2023Subject to change without prior noticePublished: 30/05/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.2/6



## **OPTICAL RESULTS (MEASURED):**

bridgelux.		a
LED	Vesta TW 15mm DP	
FWHM / FWTM	37.0° / 80.0°	
Efficiency	85 %	
Peak intensity	1.4 cd/lm	$\sim A/A$ $\sim 1$
LEDs/each optic	1	
Light colour	Tunable White	ef / <mark> ** </mark> f \
Required compone	nts:	
C13658_CLAMF	-VERO13-18	
Bender Wirth: 48	12 Typ L2	
		$K / Y \setminus X$
bridgelux.		E*
LED	Vesta TW 15mm DP	
FWHM / FWTM	39.0° / 83.0°	
Efficiency	79 %	$\mathbb{Z}$
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	$  \times /   \wedge   \times  $
Light colour	Tunable White	
Required compone	nts:	
C13658_CLAMF	-VERO13-18	
F13671_ANGE-	RZ-LENS	X / X
Bender Wirth: 48	2 Typ L2	
$\sim$		
bridgelux.		······································
LED	Vesta TW 18mm (31W) DP	
FWHM / FWTM	41.0° / 82.0°	
Efficiency	85 %	e- 10 / 10
Peak intensity	1.3 cd/lm	
LEDs/each optic	1 Turantula Muhita	
Light colour	Tunable White	· / / ································
Required compone C13584_CLAMF		
Bender Wirth: 48		
Dender Witth. 40	5 Typ E5	
		ar ar
bridgelux.		
bridgelux. LED	Vesta TW 18mm (31W) DP	
	Vesta TW 18mm (31W) DP 43.0° / 84.0°	
LED		
LED FWHM / FWTM	43.0° / 84.0°	
LED FWHM / FWTM Efficiency	43.0° / 84.0° 80 %	
LED FWHM / FWTM Efficiency Peak intensity	43.0° / 84.0° 80 % 1.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	43.0° / 84.0° 80 % 1.1 cd/lm 1 Tunable White	21 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	43.0° / 84.0° 80 % 1.1 cd/lm 1 Tunable White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	43.0° / 84.0° 80 % 1.1 cd/lm 1 Tunable White nts: -VERO29	21 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C13584_CLAMF	43.0° / 84.0° 80 % 1.1 cd/lm 1 Tunable White nts: -VERO29 RZ-LENS	



## **OPTICAL RESULTS (MEASURED):**

bridgelux.		L'
LED	Vesta TW 22mm DP	
FWHM / FWTM	44.0° / 82.0°	
Efficiency	85 %	
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	
Required compone		
C13584_CLAM		
Bender Wirth: 4		$\times \Lambda \Lambda X$
bridgelux.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED	Vesta TW 22mm DP	
LED FWHM / FWTM	46.0° / 85.0°	
Efficiency	46.0°7 85.0° 79 %	
Peak intensity	79 % 1.1 cd/lm	r / / / / /
-	1	
LEDs/each optic	ı Tunable White	
Light colour		
Required compone C13584_CLAM		
F13671_ANGE-		
Bender Wirth: 4	94 Typ L3	*
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850	
FWHM / FWTM	32.0° / 79.0°	
Efficiency	89 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	$\bigvee$ $\wedge$ $\rightarrow$ $\land$ $\lor$
Light colour	White	
Required compone	ents:	
C14123_CLAM	P-CXA15-18	
		and the second s
SAMS	ING	
LED	LC035T (Tunable white)	
FWHM / FWTM	48.0° / 87.0°	# ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Efficiency	40.0 7 87.0 79 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	$\mathbb{Z} \times \mathbb{Z}$
Light colour	' Tunable White	
Required compone		
C13584_CLAM		/
F13671_ANGE-		
Bender Wirth: 5		
Donaor Winti. O		
		1



## **OPTICAL RESULTS (MEASURED):**

SAMS	UNG	EX
LED	LC035T (Tunable white)	
FWHM / FWTM	44.0° / 83.0°	
Efficiency	85 %	
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	Tunable White	
Required compone	ents:	
C13584_CLAMI	P-VERO29	
Bender Wirth: 5	02 Тур L3	$\times$ $\wedge$ $\times$
XICATO	0	
LED	 XIM - 19mm LES	
FWHM / FWTM	37.0° / 80.0°	15
Efficiency	88 %	
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
C16491_XTM-A	DAPTER-50-A	A.A.
		and the second sec



#### **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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