

PRODUCT DATASHEET FA11211_TINA-W

TINA-W

~50° wide beam optimized for LUXEON Rebel. Assembly with holder, installation tape and location pins.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	9.4 mm
Fastening	tape, pin
ROHS compliant	yes 🕕



MATERIALS:

Component
TINA-XP-W
TINA-H-TAPE-RE-BLK
TINA-TAPE3

Туре	Materi
Single lens	PMMA
Holder	PC
Таре	Acrylic

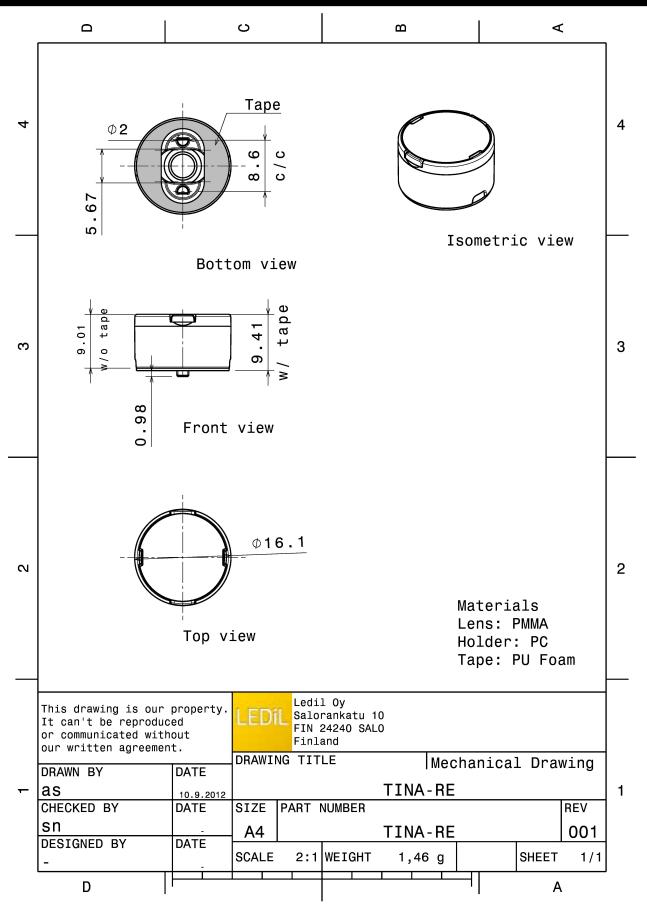
Material	Colour	Finish
PMMA	clear	
PC	black	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11211_TINA-W	Single lens	2016	288	144	4.1
» Box size:					



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



OPTICAL RESULTS (MEASURED):

LED XB-H FWHM / FWTM 56.0° / 75.0° Efficiency 89 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour White Required components: Efficiency White Required components: EVENTILEDS: LED LUXEON Rebel FWHM / FWTM 44.0° / 61.0° Efficiency 88 % Peak intensity 1.6 cd/lm LEDs/each optic 1			 	 	
LED LUXEON Rebel FWHM / FWTM 44.0° / 61.0° Efficiency 88 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light colour White Required components: Efficiency 80 % Peak intensity 1.7 cd/m LEDs/each optic 1 Light colour White HMH / FWTM 46.0° / 66.0° Efficiency 90 % Peak intensity 1.7 cd/m LEDs/each optic 1 Light colour White	Peak intensity LEDs/each optic Light colour	56.0° / 75.0° 89 % 1 cd/lm 1 White		20 ⁴ 40 20 40 40 20 ⁴ 50 20 ⁴ 50	
LED LUXEON Rebel FWHM / FWTM 44.0° / 61.0° Efficiency 88 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light colour White Required components: Efficiency 80 % Peak intensity 1.7 cd/m LEDs/each optic 1 Light colour White HMH / FWTM 46.0° / 66.0° Efficiency 90 % Peak intensity 1.7 cd/m LEDs/each optic 1 Light colour White		FDS			
LEDLUXEON Z ESFWHM / FWTM46.0° / 66.0°Efficiency90 %Peak intensity1.7 cd/mLEDs/each optic1Light colourWhite	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rebel 44.0° / 61.0° 88 % 1.6 cd/Im 1 White		20°	50°
	LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Z ES 46.0° / 66.0° 90 % 1.7 cd/lm 1 White		91 ⁴ 77 80 ⁴ 87 87 87 80 80 80 80 80 80 80 80 80 80 80 80 80	



OPTICAL RESULTS (SIMULATED):

		90°
LED	XB-D	
FWHM / FWTM	42.0° / 66.0°	73*
Efficiency	90 %	
Peak intensity	1.8 cd/lm	99°
LEDs/each optic	1	
Light colour	White	97* BT
Required components:		
		1630
		300 300
		15° 0° 15°
		90*
LED	XQ-E HI	
FWHM / FWTM	42.0° / 67.0°	400
Efficiency	92 %	60°
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required components:		
		30* 30*
1		15° 2000 15°
)S	90° 90°
		99 ⁴ 99 ⁴ 99 ⁴
LED	LUXEON H50-2	22. 26. 26. 26. 26. 26. 26.
LED FWHM / FWTM	LUXEON H50-2 52.0° / 66.0°	10, 20, 20, 20, 20, 20,
LED FWHM / FWTM Efficiency	LUXEON H50-2 52.0° / 66.0° 92 %	64 400 65 54 25 54 5 54 55 54 5 54 5 54 5
LED FWHM / FWTM Efficiency Peak intensity	LUXEON H50-2 52.0° / 66.0°	60 60 90 90 12 26 12 26 12 12 12 12 12 12 12 12 12 12
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1	20 00 00 21 20 25 22 25 25 24 20 25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm	60 60 61 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1	5° 000 5° 5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1	30 127 200 52 30 00 00 00 30 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White	30, 30, 30, 10, 30, 10, 30, 00 60, 00 60, 00 60, 00 60, 00 10,0 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White	22 24 25 26 26 26 27 27 26 27 27 26 27 27 27 27 27 27 27 27 27 27
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White S LUXEON HL1Z 26.0 + 27.0° / 56.0° 92 %	72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White S LUXEON HL1Z 26.0 + 27.0° / 56.0° 92 % 3.2 cd/lm	99° 000 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White S LUXEON HL1Z 26.0 + 27.0° / 56.0° 92 % 3.2 cd/lm 1	60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White S LUXEON HL1Z 26.0 + 27.0° / 56.0° 92 % 3.2 cd/lm	60° 22 23
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White S LUXEON HL1Z 26.0 + 27.0° / 56.0° 92 % 3.2 cd/lm 1	60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White S LUXEON HL1Z 26.0 + 27.0° / 56.0° 92 % 3.2 cd/lm 1	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 52.0° / 66.0° 92 % 1.3 cd/lm 1 White S LUXEON HL1Z 26.0 + 27.0° / 56.0° 92 % 3.2 cd/lm 1	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5



OPTICAL RESULTS (SIMULATED):

	DS	20° 50°
LED FWHM / FWTM	LUXEON HL2Z 36.0° / 60.0°	77. 77
Efficiency Peak intensity LEDs/each optic	93 % 2.3 cd/lm 1	
Light colour Required component	White	er
	-	
		34° 240 37°