

MINNIE-WWW

~70° wide beam

SPECIFICATION:

Dimensions	Ø 32.4 mm
Height	14.8 mm
Fastening	glue
ROHS compliant	yes 🛈



PRODUCT DATASHEET

C12097_MINNIE-WWW

MATERIALS:

Component MINNIE-WWW **Type** Reflector

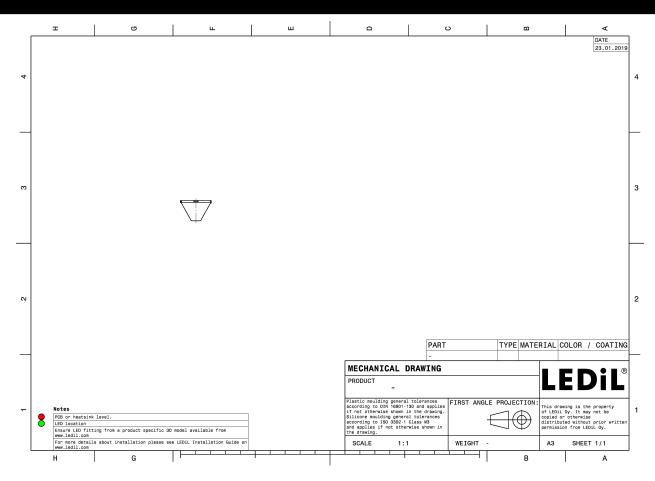
Material PC

Colour	Finish	Coating
metal		lacquer

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12097_MINNIE-WWW	1080	120	60	3.9
» Box size: 480 x 280 x 300 mm				

PRODUCT DATASHEET C12097_MINNIE-WWW



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



OPTICAL RESULTS (MEASURED):

	D		90*		90*
LED	MHD-E/G				
FWHM / FWTM	72.0° / 98.0°		75*		175
Efficiency	90 %				\mathcal{N}
Peak intensity	0.7 cd/lm		60*	~ 1	60.
LEDs/each optic	1				
Light colour	White		· ·	400	43
Required compone					
	5110.			\times	
			/		
			X		$\gamma \times$
			30*	15° 0°	
	D		90*		90*
LED	MT-G		75°		100
FWHM / FWTM	74.0° / 102.0°				X / I
Efficiency	90 %		60.5		60.
LEDs/each optic	1				
Light colour	White		er.	400	450
Required compone					
Required compone	51115.	and the second of the second o	1 1 1 1 1 1 1 1		K
			/	600	
			\times		$/ \times$
			36°	15° 0%	15° 30°
	D		90*		90*
	XHP70				
LED	XHP70 71.0° / 98.0°		78*	\rightarrow	10
LED FWHM / FWTM	71.0° / 98.0°		75	200	
LED FWHM / FWTM Efficiency	71.0° / 98.0° 90 %		39- 544	29	
LED FWHM / FWTM Efficiency Peak intensity	71.0° / 98.0° 90 % 0.7 cd/lm		79- 50-	20	60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	71.0° / 98.0° 90 % 0.7 cd/lm 1		73- 54-	- 50	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	71.0° / 98.0° 90 % 0.7 cd/lm 1 White		73- 544 47	- 20	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	71.0° / 98.0° 90 % 0.7 cd/lm 1 White		75 50.4 57	. 20	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	71.0° / 98.0° 90 % 0.7 cd/lm 1 White		75 60* 97	60	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	71.0° / 98.0° 90 % 0.7 cd/lm 1 White		73 60* 67		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents:		73- 54- 57 25 25	200	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents:		73- 63- 72- 72-	20 60 15 0	12.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents:		73 60 74 75 75 75 75 75 75 75 75 75 75 75 75 75	20 40 57 00	12.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents:		73 60 75 75 75 75 75 75 75	50 60 60 70 70	25 00 15 15 15 15 15 15 15 15 15 15 15 15 15
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents:		23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	20	153
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents: .EDS LUXEON M/MX 63.0° / 95.0°		23 23 20 20 20 20 20 20 20 20 20 20 20 20 20	20	12.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents: LUXEON M/MX 63.0° / 95.0° 92 %		93 93 93 93 93 93 93	200 400 400 400 400	153
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Multiple Equired compone Efficiency Peak intensity LEDs/each optic	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents: EDS LUXEON M/MX 63.0° / 95.0° 92 % 0.9 cd/lm			50 60 57 60 60 60	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MUMIL LED FWHM / FWTM Efficiency Peak intensity	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents: LUXEON M/MX 63.0° / 95.0° 92 % 0.9 cd/lm 1 White		93 94 95 95 95 95 95	200 600 500 600 600	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Efficiency Peak intensity LEDs/each optic Light colour	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents: LUXEON M/MX 63.0° / 95.0° 92 % 0.9 cd/lm 1 White		93 93 93 93 93 93 93 93 93 93 93 93 93 9	200 600 200 600 600	153
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents: LUXEON M/MX 63.0° / 95.0° 92 % 0.9 cd/lm 1 White		73 73 73 73 73 73 73 73 73 74 74 74 75 75 75 75 75 75 75 75 75 75 75 75 75		13°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	71.0° / 98.0° 90 % 0.7 cd/lm 1 White ents: LUXEON M/MX 63.0° / 95.0° 92 % 0.9 cd/lm 1 White			20 40 40 40 40 40 40 40 40 40 4	13°



OPTICAL RESULTS (MEASURED):

	EDS	90° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ 46.0° / 93.0° 89 % 1.2 cd/lm 1 White	27 64 64 10 10 10 10 10 10 10 10 10 10
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NSMx286M 52.0° / 90.0° 90 % 1.1 cd/lm 1 White	20 20 21 22 23 24 25 25 25 25 25 25 25 25 25 25



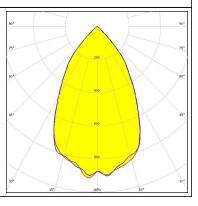
OPTICAL RESULTS (SIMULATED):

		DC
LU	LC	05
		_

LED	LUXEON 5258
FWHM / FWTM	54.0° / 89.0°
Efficiency	92 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSCONIQ P 7070 61.0° / 92.0° 92 % 1 cd/lm 1 White





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.

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:

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