

BOOM-W

~55° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 22.2 mm
Height	14.1 mm
Fastening	tape
ROHS compliant	yes 🛈

PRODUCT DATASHEET C10590_BOOM-W



MATERIAL SPECIFICATIONS:

Component BOOM-W

Type Reflector

Material PC

Colour	Finish	Coating
metal		lacquer

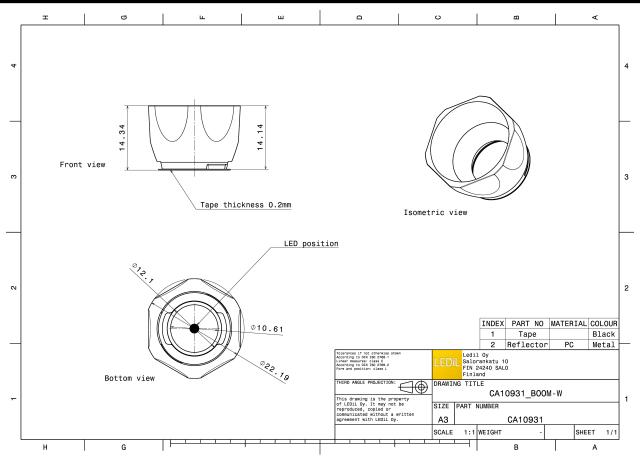
ORDERING INFORMATION:

Component C10590_BOOM-W » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
1680		112	0.0



PRODUCT DATASHEET C10590_BOOM-W



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



PHOTOMETRIC DATA (MEASURED):

SEOUL	
SEOUL SEMICONDUCTOR	
LED	P7
FWHM / FWTM	68.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required compone	ents:



PHOTOMETRIC DATA (SIMULATED):

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CMA1303 33.0° / 72.0° 86 % 2 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	MC-E 40.0° / 77.0° 90 % 1.5 cd/m 1 White	
LED ENGIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LZ4-00XX08 68.0° / 78.0° 93 % 1 cd/lm 1 Blue	20 20 20 20 20 20 20 20 20 20
WHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L HE 23.0° / 71.0° 88 % 2.7 cd/lm 1 White	25 v 15 v 15



PHOTOMETRIC DATA (SIMULATED):

FWHM / FWTM 34.0° / 72.0° Efficiency 87 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:	COMPLE	DS	90 ⁴
Efficiency 87 % Peak intensity 1.9 cd/m LEDbeach optic 1 Light colour White Required components: LED LUXEON 7070 FWHM / FWTM 43.0 + 44.0° / 76.0° Efficiency 91 % Peak intensity 1.5 cd/m LEDbeach optic 1 Light colour White Required components: LED Second provide 1 Light colour White Required components: Required components: LED Second provide 1 Light colour White Required components: LED Second provide 1 Light colour White Required components: LED Second provide 1 Light colour White Required components: LED Second price 1 Light colour White Required components: LED Second price 1 Light colour White	LED	LUXEON 5050 Round LES	
Peak intensity 1.9 cd/m LEDS/each optic 1 Light colour White Required components: LED LUXEON 7070 FWHM / FWTM 43.0 + 44.0* / 76.0* Efficiency 91 % Peak intensity 1.5 cd/m LEDS/each optic 1 Light colour White Required components: LED SST-70X-WCS FWHM / FWTM 36.0* / 74.0* Efficiency 93 % Peak intensity 1.9 cd/m LEDS/each optic 1 Light colour White Required components: LED SST-70X-WCS FWHM / FWTM 36.0* / 74.0* Efficiency 93 % Peak intensity 1.9 cd/m LEDS/each optic 1 Light colour White Required components:	FWHM / FWTM	34.0° / 72.0°	25
LEDs/each optic 1 Light colour White Required components:	Efficiency	87 %	
Light colour White Required components: LED LUXEENS LED LUXEON 7070 FWHM / FWTM 43.0 + 44.0* / 76.0* Efficiency 91% Peak intensity 1.5 col/m LEDs/each optic 1 Light colour White Required components: LED SST-70X-WCS FWHM / FWTM 36.0* / 74.0* Efficiency 93% Peak intensity 1.9 col/m LEDs/each optic 1 LED SST-70X-WCS FWHM / FWTM 36.0* / 74.0* Efficiency 93% Peak intensity 1.9 col/m LED SST-70X-WCS FWHM / FWTM 36.0* / 74.0* Efficiency 1.9 col/m LED SST-70X-WCS FWHM / FWTM 1.9 col/m FWHM / F	Peak intensity	1.9 cd/lm	
Required components:	LEDs/each optic	1	
Image: Contract of the second seco	Light colour	White	2 120
Image: Contract of the second seco	Required components	:	
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LED LUXEON 7070 FWHM / FWTM 43.0 + 44.0° / 76.0° Efficiency 91 % Peak intensity 1.5 cd/m LEDs/each optic 1 Light colour White Required components: EED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/m LEDs/each optic 1 Light colour White Required components:			3/*
LED LUXEON 7070 FWHM / FWTM 43.0 + 44.0° / 76.0° Efficiency 91 % Peak intensity 1.5 cd/m LEDs/each optic 1 Light colour White Required components: EED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/m LEDs/each optic 1 Light colour White Required components:			125 ⁴ 0 ⁴ 15 ⁵
FWHM / FWTM 43.0 + 44.0° / 76.0° Efficiency 91 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components: SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: 1		DS	50 ⁴
FWHM / FWTM 43.0 + 44.0° / 76.0° Efficiency 91 % Peak intensity 1.5 cd/m LEDs/each optic 1 Light colour White Required components:	LED	LUXEON 7070	77
Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State S	FWHM / FWTM	43.0 + 44.0° / 76.0°	
LEDs/each optic 1 Light colour White Required components: Image: Component State Sta	Efficiency	91 %	90
Light colour White Required components: White CECLUMINUS LED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: White	Peak intensity	1.5 cd/lm	
Required components:			
LED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component (Component (Compone			<i>9</i> / / / / / / / / / / / / / / / / / / /
LED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:	Required components	:	
LED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:			
LED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:			
LED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:			30 ¹⁰ 20 ¹⁰ 30 ¹⁰ 37
LED SST-70X-WCS FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:		IUS	93 ¹⁴ 9
FWHM / FWTM 36.0° / 74.0° Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components: 50			
Efficiency 93 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:			22
Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:	Efficiency		
LEDs/each optic 1 Light colour White Required components:	Peak intensity	1.9 cd/lm	
Light colour White Required components:	LEDs/each optic	1	
- 400	Light colour	White	97 J220
	Required components	:	
20			220
34" 200			\times / \setminus \times
			30* 200



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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