

### AMY-35-S-B

~18° spot beam. Assembly with holder B compatible with Ø35 mm BJB and B+W connectors. Black version.

#### SPECIFICATION:

Dimensions	Ø 34.9 mm
Height	11 mm
ROHS compliant	yes ⓘ

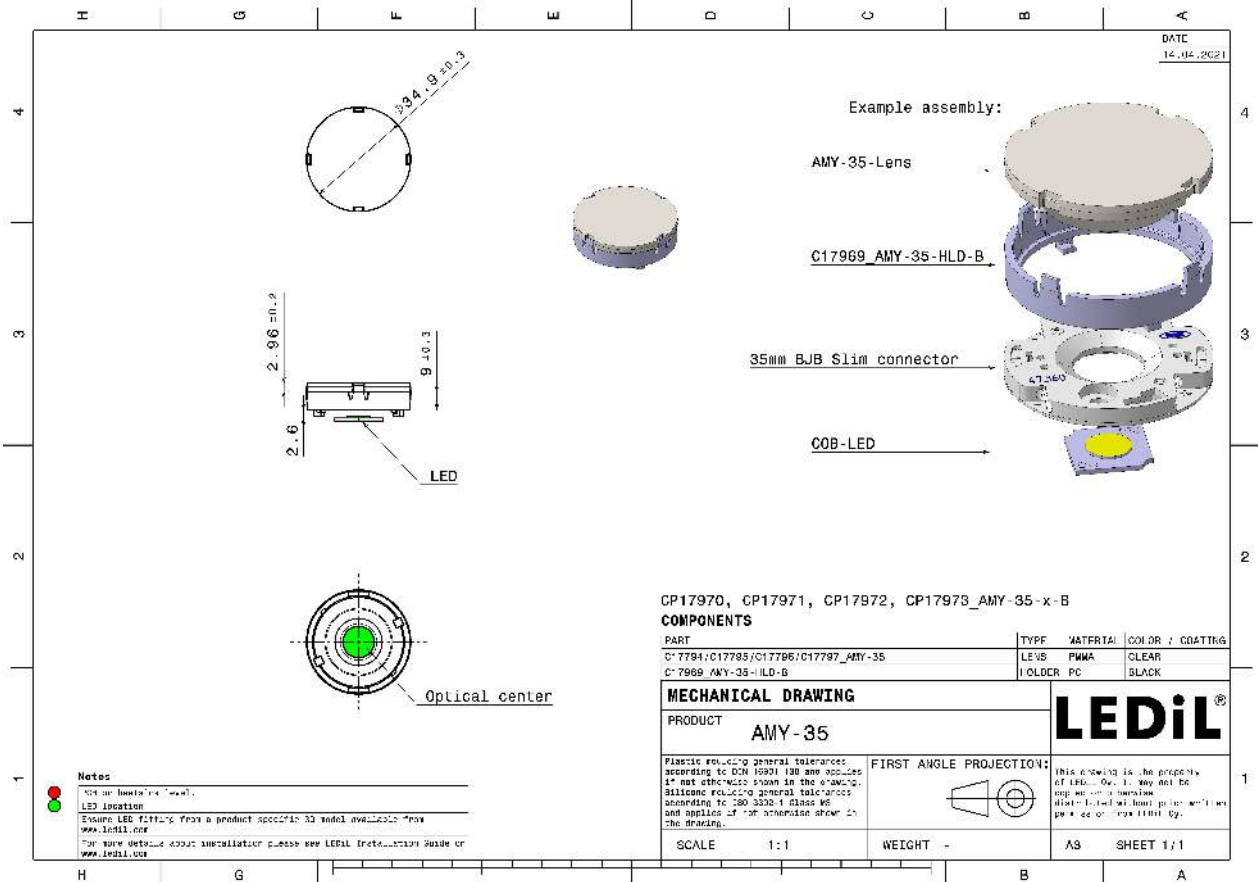


#### MATERIALS:

Component	Type	Material	Colour	Finish
AMY-35-S	Single lens	PMMA	clear	
AMY-35-HLD-B	Holder	PC	black	

#### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP17970_AMY-35-S-B » Box size: 480 x 280 x 300 mm	1320	132	66	9.4



CP17970, CP17971, CP17972, CP17973\_AMY-35-x-B

**COMPONENTS**

PART	TYPE	MATERIAL	COLOR / COATING
C17784;C17785;C17786;C17787_AMY-35	LENS	PMMA	CLEAR
C17969_AMY-35-HLD-B	HOLDER	PC	BLACK

**MECHANICAL DRAWING**

PRODUCT AMY-35

Plastic products general tolerances according to DIN ISO 1101 and applies if not otherwise shown in the drawing. Dimensions according general tolerances according to ISO 3302-1 class MS and applies if not otherwise shown in the drawing.



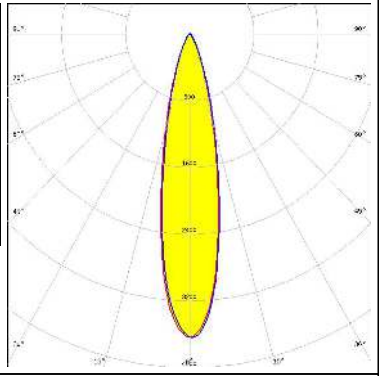

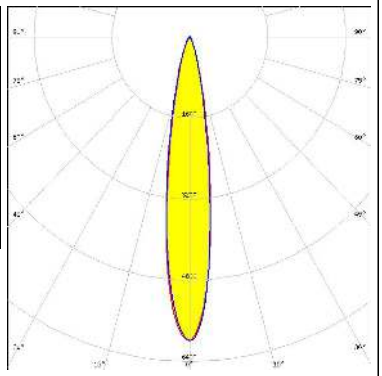

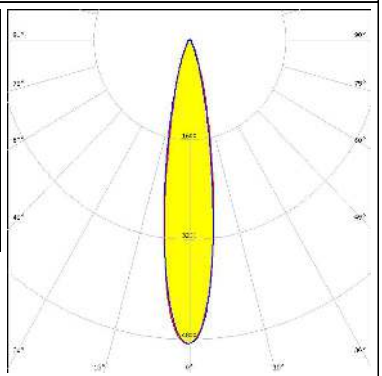
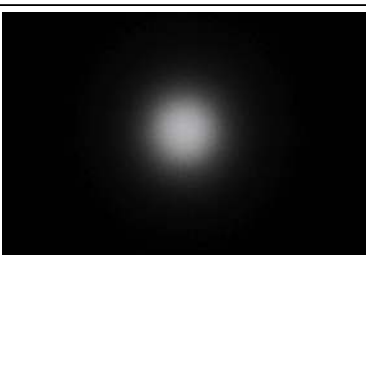
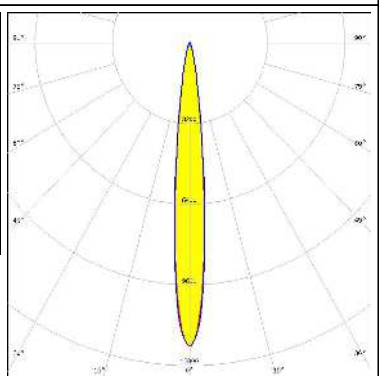
FIRST ANGLE PROJECTION:

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SCALE 1:1	WEIGHT -	A3	SHEET 1/1
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See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

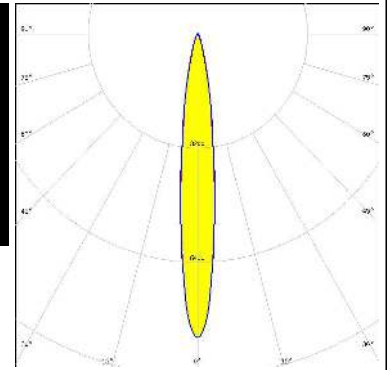
#### OPTICAL RESULTS (MEASURED):

<p></p> <p>LED Vesta TW 6mm DP            FWHM / FWTM 22.0° / 47.0°            Efficiency 88 %            Peak intensity 3.6 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            Bender Wirth: 504 Typ B35L</p>		
<p><b>CITIZEN</b></p> <p>LED CLU700/701/702/703            FWHM / FWTM 17.0° / 36.0°            Efficiency 90 %            Peak intensity 6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 634a Bayonet35L</p>		
<p><b>CITIZEN</b></p> <p>LED CLU700/701/702/703            FWHM / FWTM 19.0° / 41.0°            Efficiency 89 %            Peak intensity 4.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1020</p>		
<p><b>CITIZEN</b></p> <p>LED CLU7L3            FWHM / FWTM 12.0° / 25.0°            Efficiency 92 %            Peak intensity 12.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 667a Bayonet35</p>		

#### OPTICAL RESULTS (MEASURED):

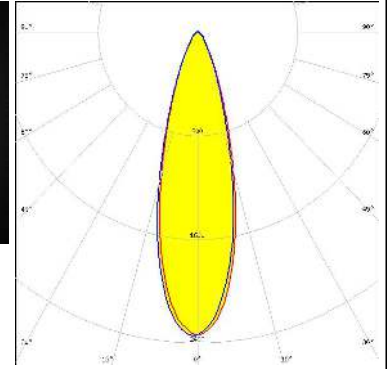
#### CITIZEN

LED CLU7S3  
 FWHM / FWTM 13.0° / 31.0°  
 Efficiency 91 %  
 Peak intensity 8.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 667a Bayonet35



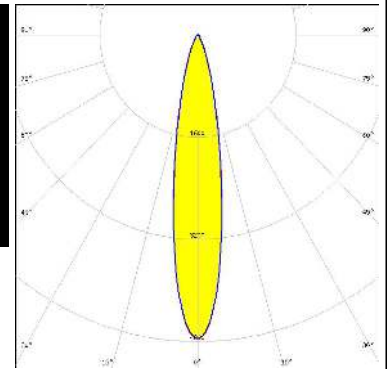
#### CREE LED

LED CMU10xx  
 FWHM / FWTM 29.0° / 58.0°  
 Efficiency 88 %  
 Peak intensity 2.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



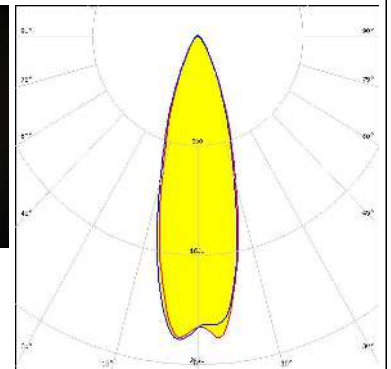
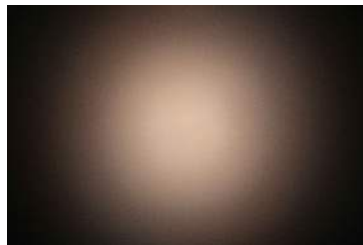
#### LUMILEDS

LED LUXEON 7070  
 FWHM / FWTM 19.0° / 42.0°  
 Efficiency 90 %  
 Peak intensity 4.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634a Bayonet35L


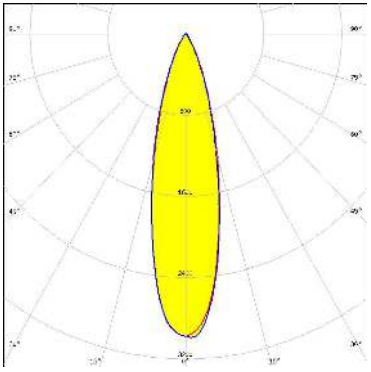

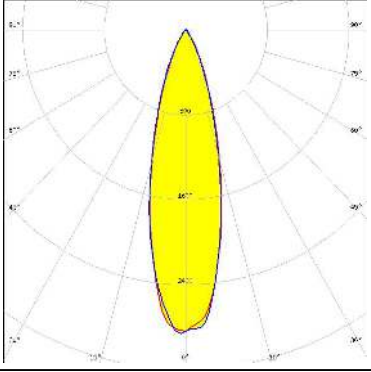

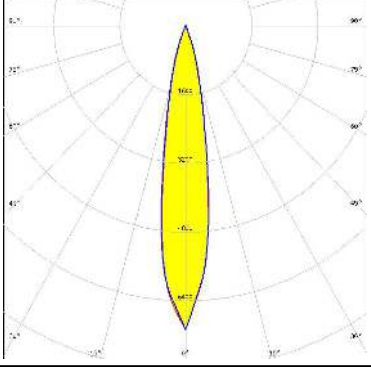

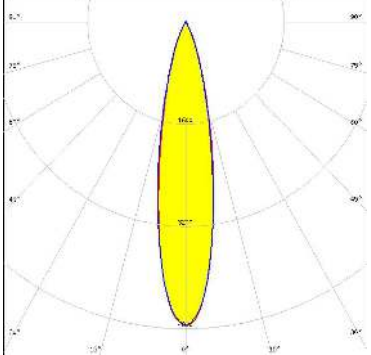


#### LUMINUS


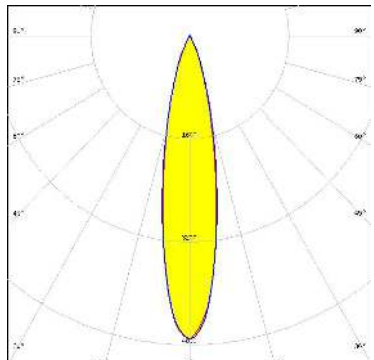

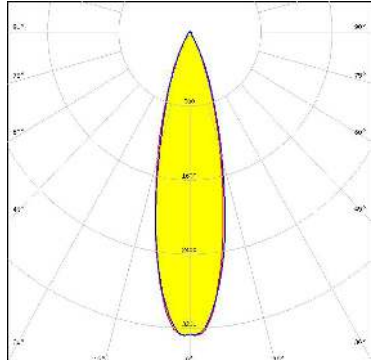
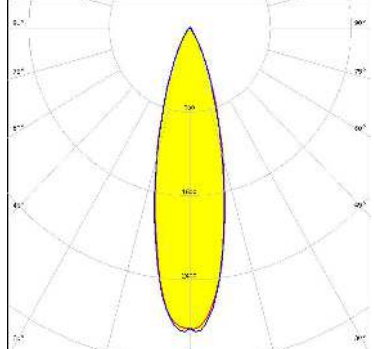
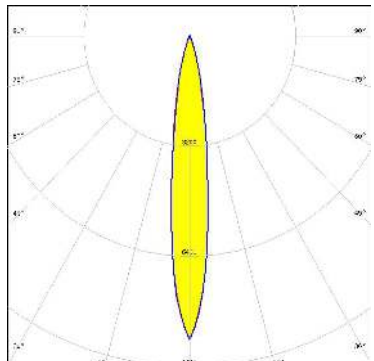
LED CTM-9 (Tunable White)  
 FWHM / FWTM 30.0° / 59.0°  
 Efficiency 85 %  
 Peak intensity 2.2 cd/m  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 Bender Wirth: 495 Type B35L



#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V10 Gen 8            FWHM / FWTM 26.0° / 53.0°            Efficiency 88 %            Peak intensity 3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.360.1020</p>	
<p></p> <p>LED V10 Gen 8            FWHM / FWTM 28.0° / 56.0 + 55.0°            Efficiency 90 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 634b Bayonet35L</p>	
<p></p> <p>LED V3 HD Gen 8 FC            FWHM / FWTM 18.0° / 36.0 + 37.0°            Efficiency 94 %            Peak intensity 7.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 634c Bayonet35L</p>	
<p></p> <p>LED V6 HD Gen 8            FWHM / FWTM 22.0° / 45.0 + 44.0°            Efficiency 92 %            Peak intensity 4.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 634c Bayonet35L</p>	

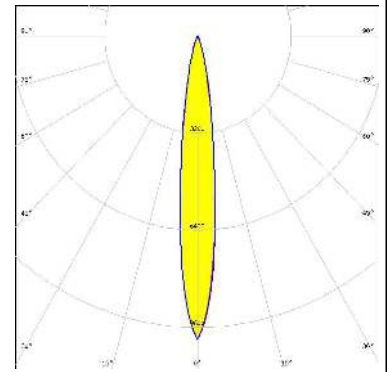
#### OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED Vesta DTW 6mm</p> <p>FWHM / FWTM 21.0 + 22.0° / 44.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 4.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 652b Bayonet35L</p>	
<p></p> <p>LED Vesta DTW 9mm (4W/6W/12W)</p> <p>FWHM / FWTM 26.0 + 27.0° / 51.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 3.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 652b Bayonet35L</p>	
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)</p> <p>FWHM / FWTM 27.0° / 55.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: BJB: 47.360.1020</p>	
<p><b>CITIZEN</b></p> <p>LED CLU7A2/7A3</p> <p>FWHM / FWTM 14.0° / 32.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 8.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: BJB: 47.360.1020</p>	

#### OPTICAL RESULTS (SIMULATED):

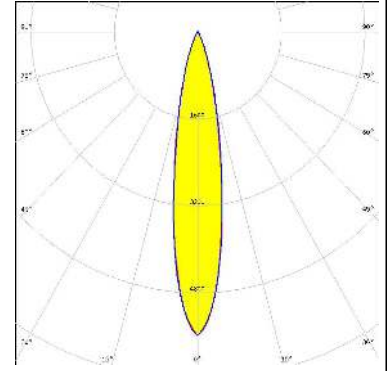
#### CITIZEN

LED CLU7B2  
 FWHM / FWTM 14.0° / 30.0°  
 Efficiency 92 %  
 Peak intensity 10 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020



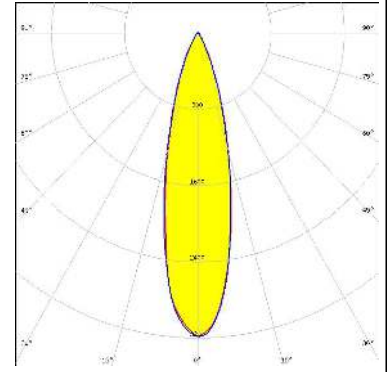
#### CREE LED

LED CMA1306  
 FWHM / FWTM 19.0° / 41.0°  
 Efficiency 91 %  
 Peak intensity 5.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Bayonet35L



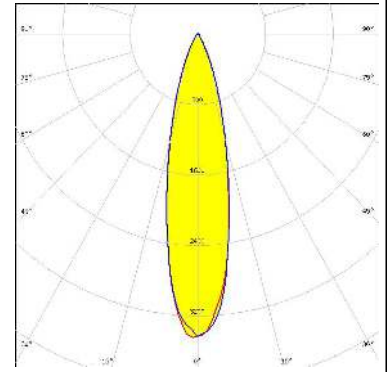
#### CREE LED

LED CXA/B 15xx  
 FWHM / FWTM 26.0° / 52.0°  
 Efficiency 87 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1030

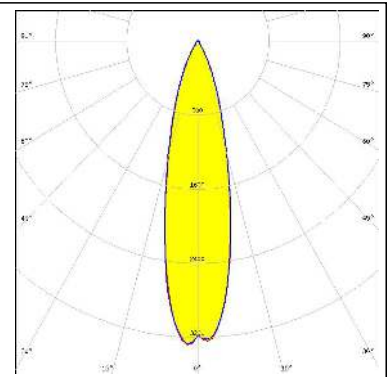
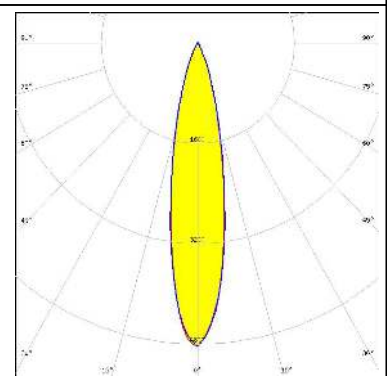
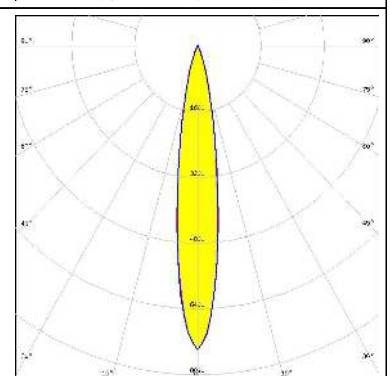
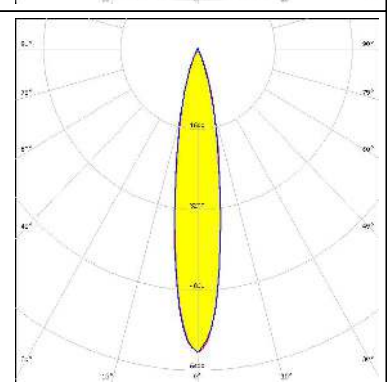


#### CREE LED

LED CXA/B 15xx  
 FWHM / FWTM 24.0° / 50.0°  
 Efficiency 88 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1030



#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 26.0° / 52.0 + 53.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 3.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: BJB: 47.360.1110</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1202HD</p> <p>FWHM / FWTM 20.0 + 22.0° / 44.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 4.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 652a Bayonet35L</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S01H4</p> <p>FWHM / FWTM 16.0° / 34.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 7.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Bayonet35L</p>	
<p><b>TRIDONIC</b></p> <p>LED SLE SNC8 LES06</p> <p>FWHM / FWTM 18.0° / 40.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 6.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: BJB: 47.360.1020</p>	



### 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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