

## AMY-45-M

~24° medium beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	10 mm
ROHS compliant	yes ⓘ

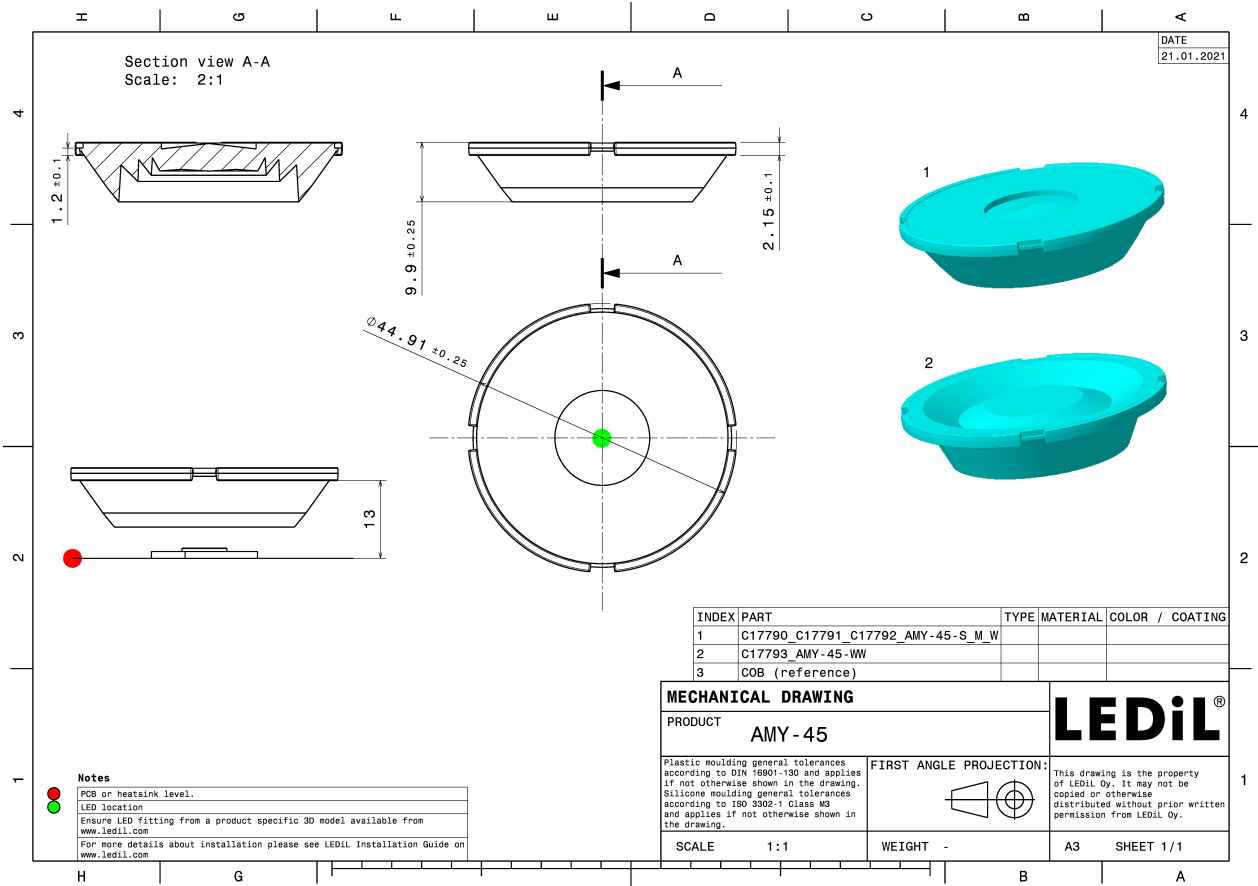
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
AMY-45-M	Single lens	PMMA		





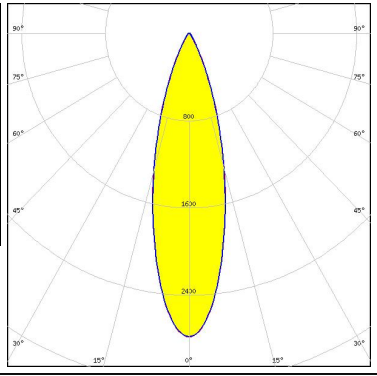


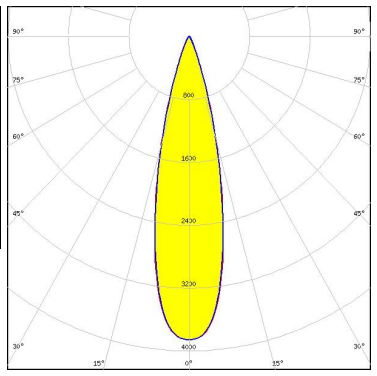


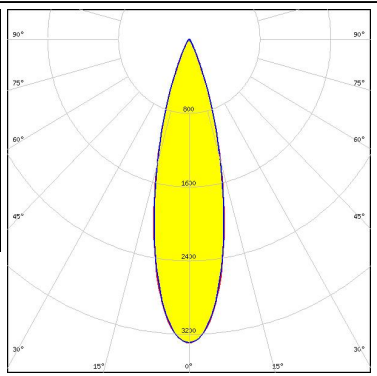

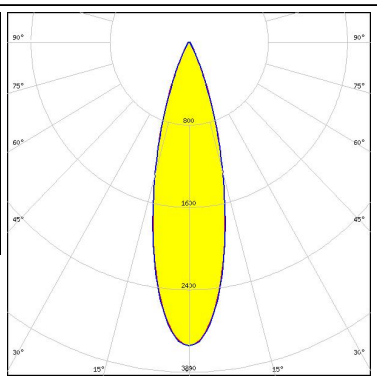
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17791_AMY-45-M » Box size: 480 x 280 x 300 mm	690	120	30	7.6



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

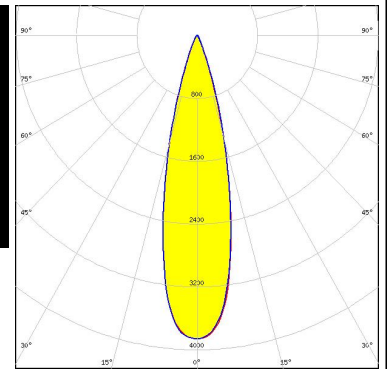
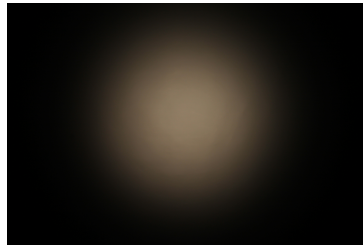
#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V11 HD            FWHM / FWTM 29.0° / 54.0°            Efficiency 89 %            Peak intensity 2.8 cd/m            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V6 HD            FWHM / FWTM 26.0° / 44.0°            Efficiency 89 %            Peak intensity 3.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V9 HD            FWHM / FWTM 27.0° / 48.0°            Efficiency 86 %            Peak intensity 3.3 cd/m            LEDs/each optic 1            Light colour White            Required components:            F15859_HEKLA-SOCKET-I</p>		
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)            FWHM / FWTM 28.0° / 51.0°            Efficiency 86 %            Peak intensity 2.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>		

#### PHOTOMETRIC DATA (MEASURED):

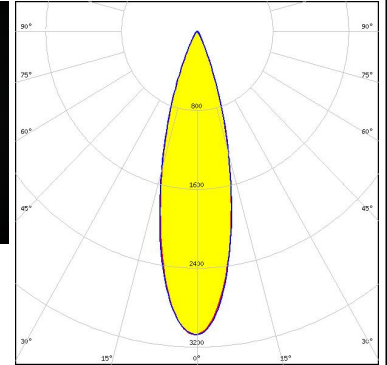
#### CITIZEN

LED CLU700/701/702  
 FWHM / FWTM 25.0° / 43.0°  
 Efficiency 88 %  
 Peak intensity 3.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



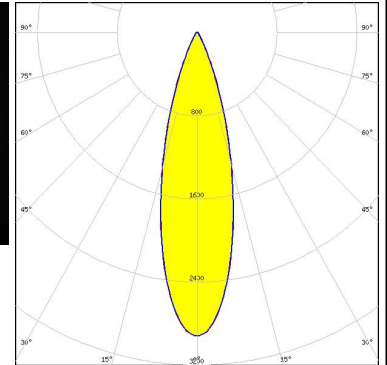
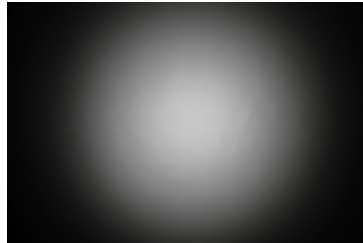
#### CREE LED

LED CMA1516  
 FWHM / FWTM 28.0° / 50.0°  
 Efficiency 86 %  
 Peak intensity 3.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



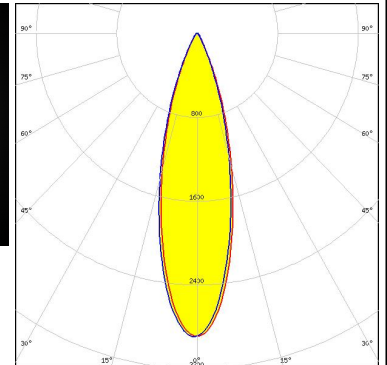
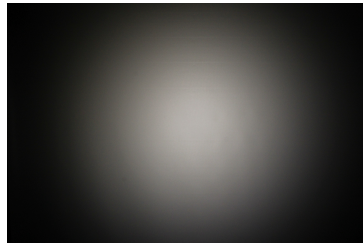
#### CREE LED

LED CMT14xx  
 FWHM / FWTM 28.0° / 51.0°  
 Efficiency 86 %  
 Peak intensity 2.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C




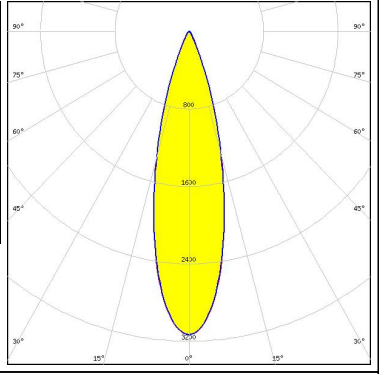

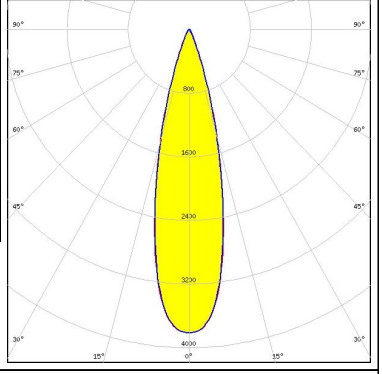
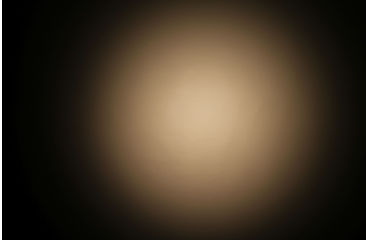
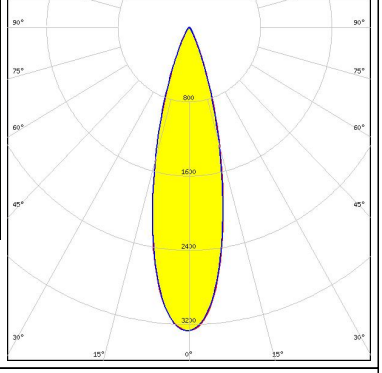

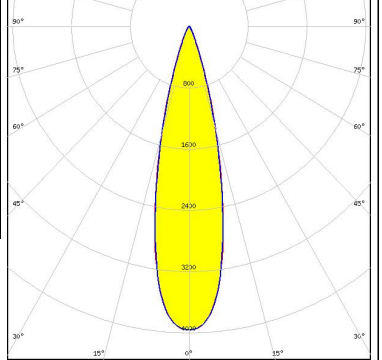
#### CREE LED

LED CMU10xx  
 FWHM / FWTM 28.0° / 53.0°  
 Efficiency 90 %  
 Peak intensity 2.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.360.1020





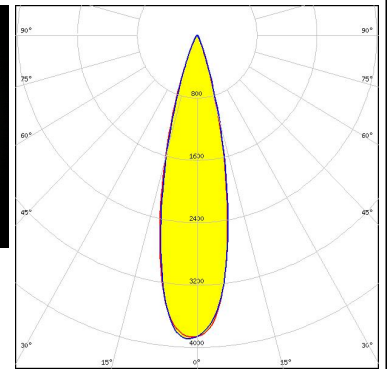
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 27.0° / 49.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 3.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1202s</p> <p>FWHM / FWTM 26.0° / 44.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 3.8 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15848_HEKLA-SOCKET-G</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB M02 / M03 (Gen2)</p> <p>FWHM / FWTM 27.0° / 49.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 3.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15256_HEKLA-SOCKET-D</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB S01 (Gen2)</p> <p>FWHM / FWTM 26.0° / 44.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15956_HEKLA-SOCKET-J</p>		

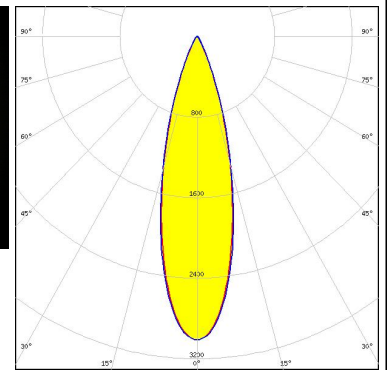
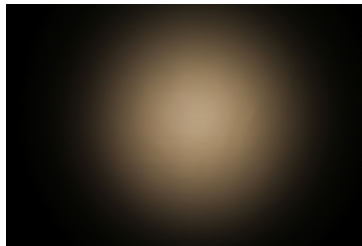
#### PHOTOMETRIC DATA (MEASURED):



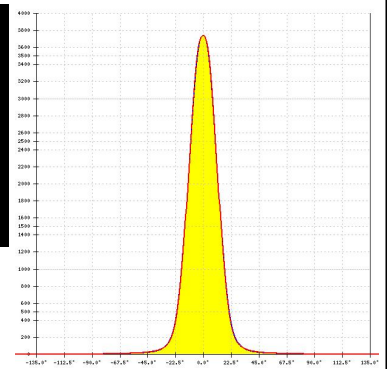
LED CxM-6 (13.5x13.5)  
 FWHM / FWTM 25.0° / 44.0°  
 Efficiency 88 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



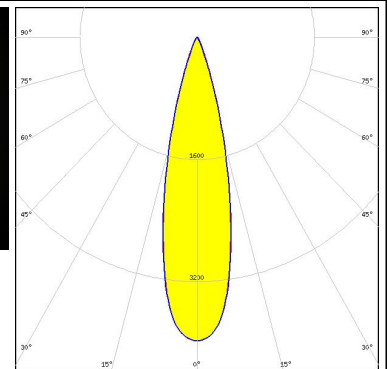
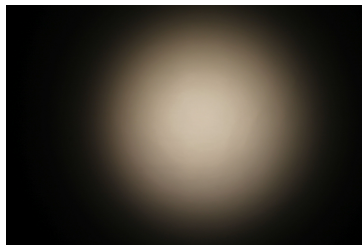
LED CxM-9 (13.5x13.5)  
 FWHM / FWTM 28.0° / 50.0°  
 Efficiency 86 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



LED COB S-Type (LES 7)  
 FWHM / FWTM 26.0° / 45.0°  
 Efficiency 89 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



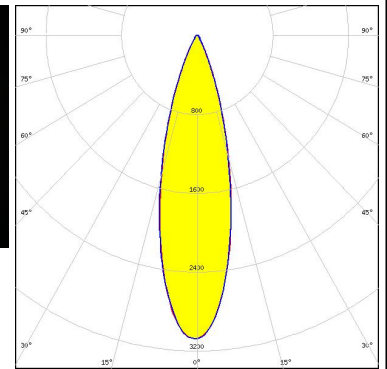
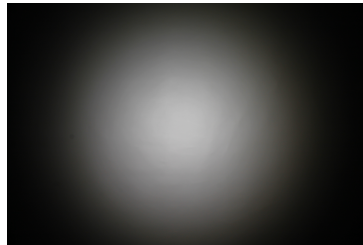
LED COB T-Type  
 FWHM / FWTM 25.0° / 43.0°  
 Efficiency 90 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



#### PHOTOMETRIC DATA (MEASURED):

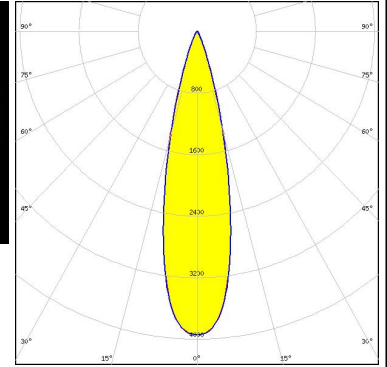
### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 28.0° / 52.0°  
 Efficiency 95 %  
 Peak intensity 3.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



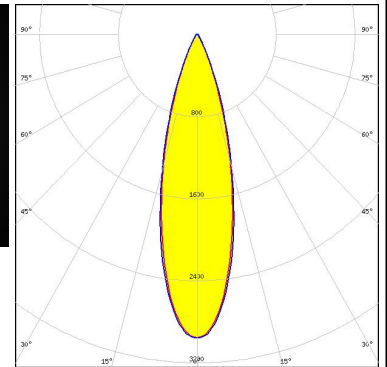
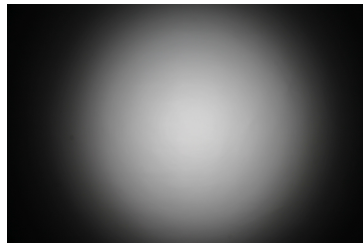
SEOUL SEMICONDUCTOR

LED MJT COB LES 6  
 FWHM / FWTM 25.0° / 43.0°  
 Efficiency 88 %  
 Peak intensity 3.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



SEOUL SEMICONDUCTOR

LED MJT COB LES 9.8  
 FWHM / FWTM 28.0° / 51.0°  
 Efficiency 86 %  
 Peak intensity 3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



### 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:

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### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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