

## AMY-45-W

~36° wide beam

### SPECIFICATION:

Dimensions	Ø
Height	0 mm
Fastening	screw
ROHS compliant	yes ⓘ

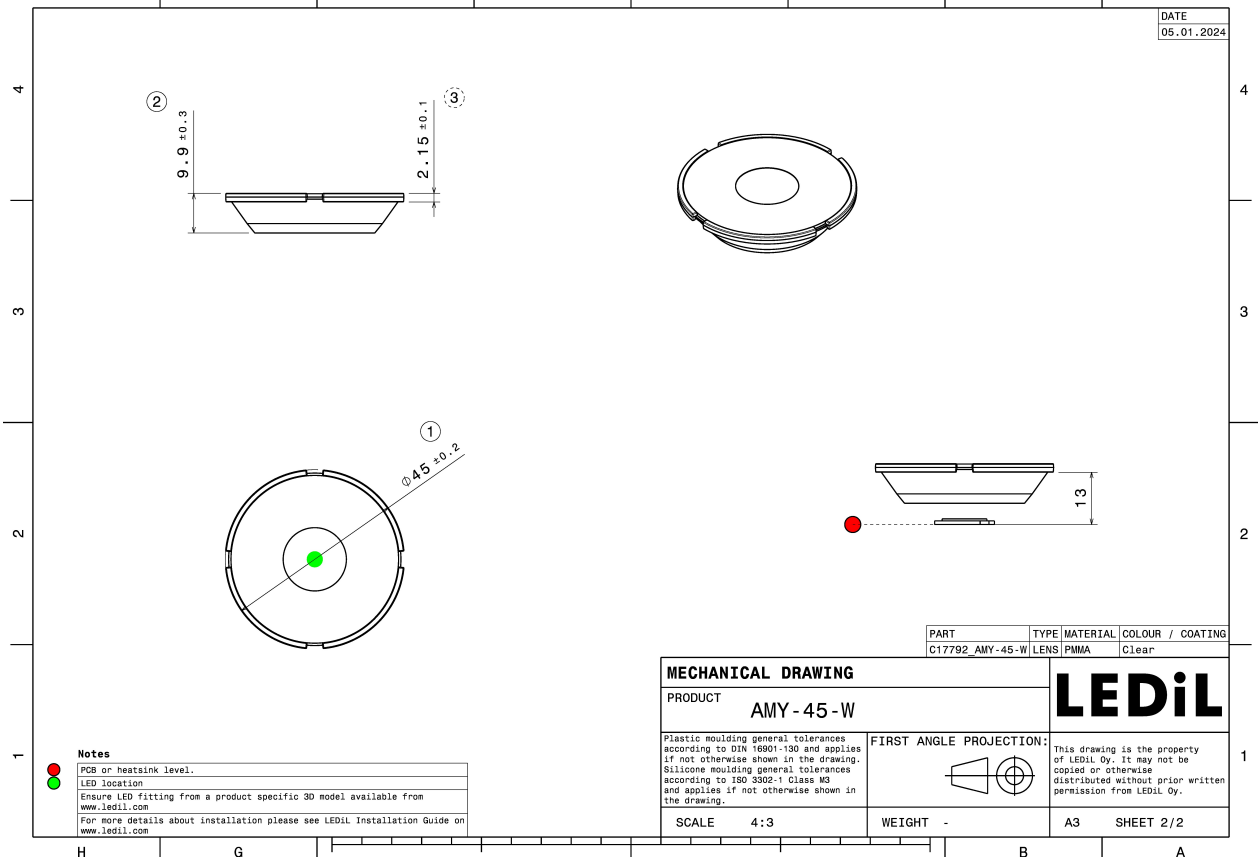
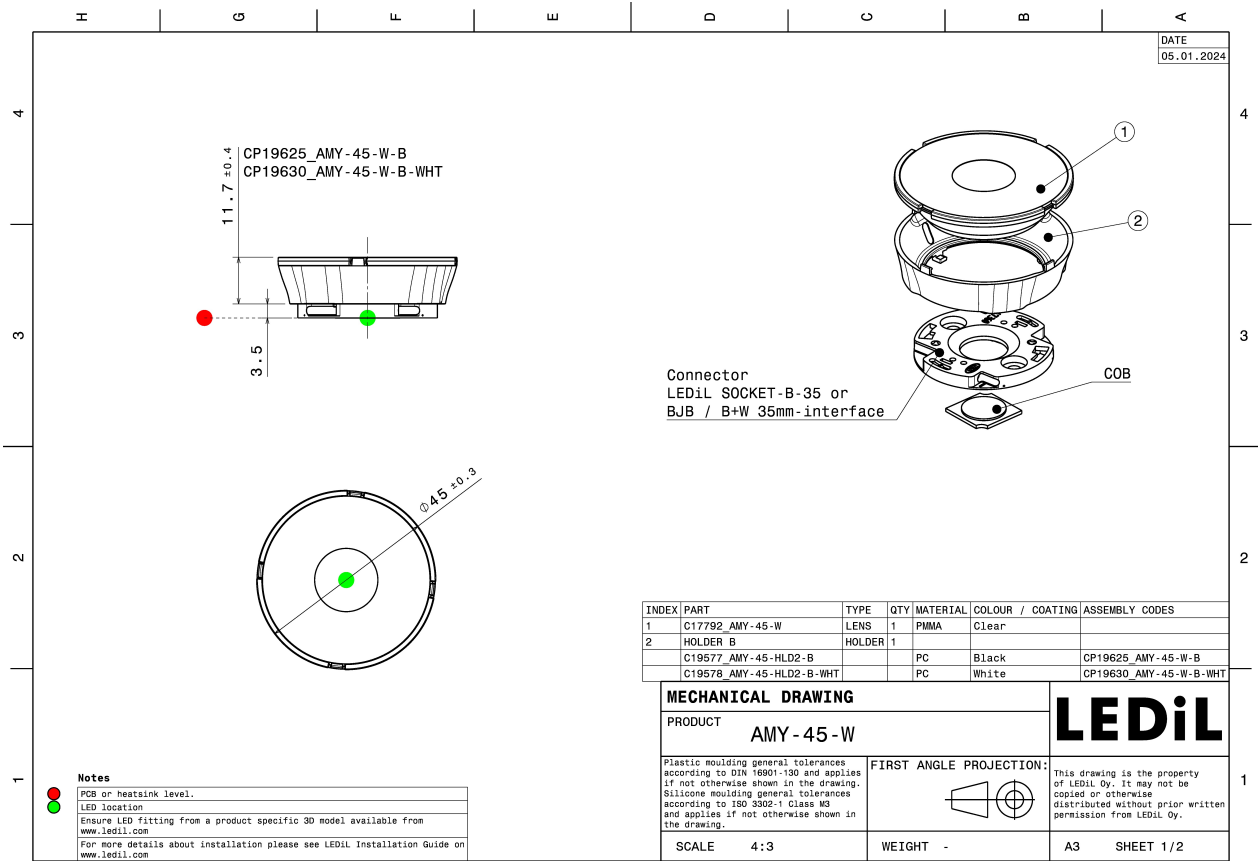
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
AMY-45-W	Single lens	PMMA			45.0



## ORDERING INFORMATION:

<b>Component</b>	<b>Qty in box</b>	<b>MOQ</b>	<b>MPQ</b>	<b>Box weight (kg)</b>
C17792_AMY-45-W	1035	180	45	10.0
<b>Assembly</b>				
CP19630_AMY-45-W-B-WHT	900	180	45	11.4
CP19625_AMY-45-W-B	900	180	45	11.4

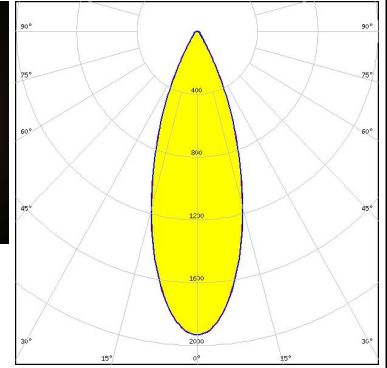


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

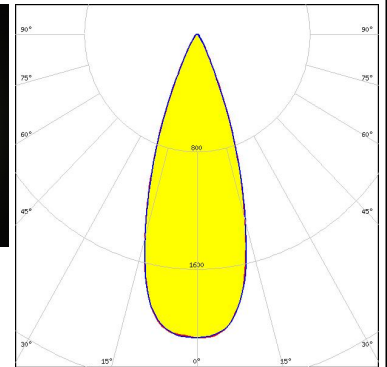
### OPTICAL RESULTS (MEASURED):



LED V11 HD Gen 8  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 35.0° / 62.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
Bender Wirth: 633d Hekla



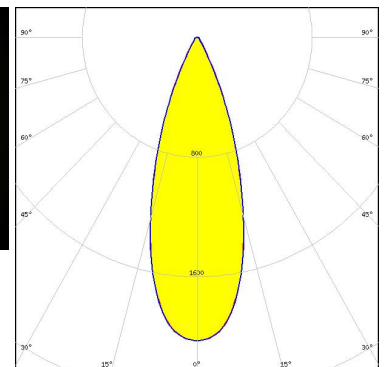
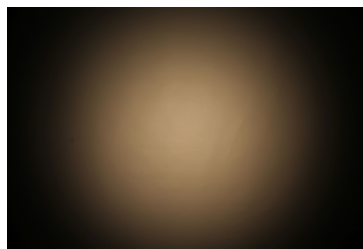
LED V6 HD Gen 7  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 36.0° / 56.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15255\_HEKLA-SOCKET-C







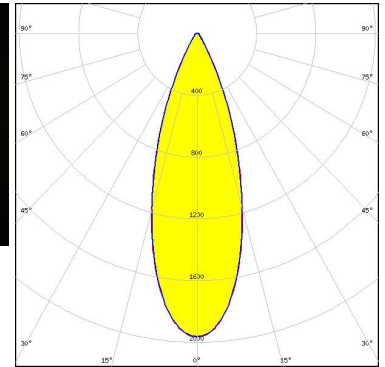
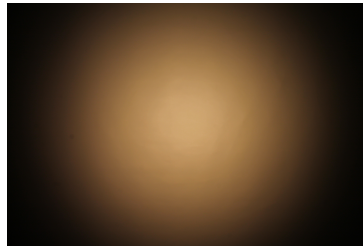
LED V9 HD Gen7  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 35.0° / 58.0°  
Efficiency 84 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15859\_HEKLA-SOCKET-I



### OPTICAL RESULTS (MEASURED):

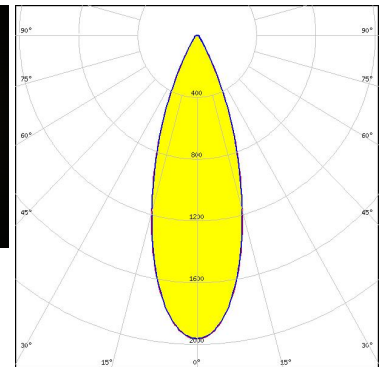
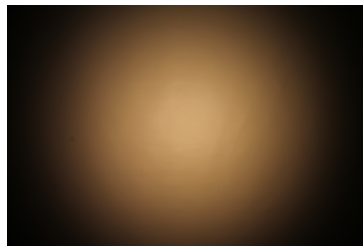
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 Ordering code C17792\_AMY-45-W  
 FWHM / FWTM 35.0° / 60.0°  
 Efficiency 84 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C



#### CITIZEN

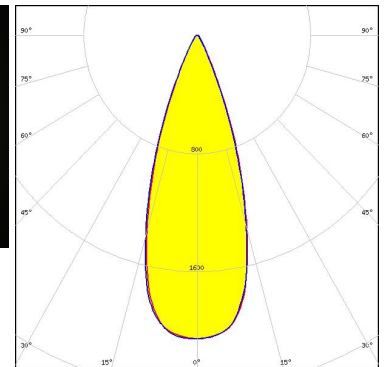
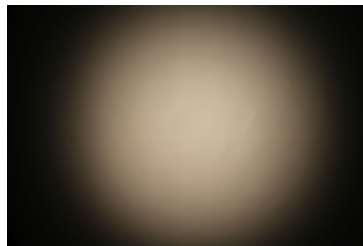
LED CLL02x/CLU02x (LES10)  
 Ordering code C17792\_AMY-45-W  
 FWHM / FWTM 35.0° / 60.0°  
 Efficiency 84 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C



Light distribution files

#### CITIZEN

LED CLU700/701/702/703  
 Ordering code C17792\_AMY-45-W  
 FWHM / FWTM 36.0° / 56.0°  
 Efficiency 86 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C

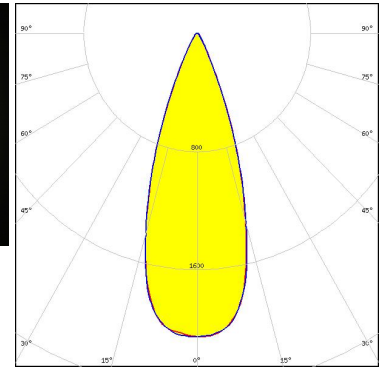
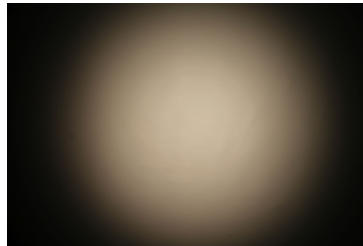


Light distribution files

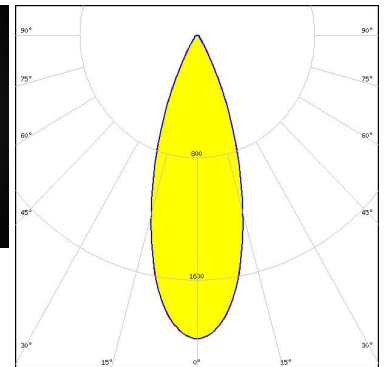
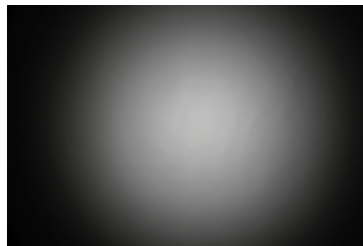
### OPTICAL RESULTS (MEASURED):

#### CITIZEN

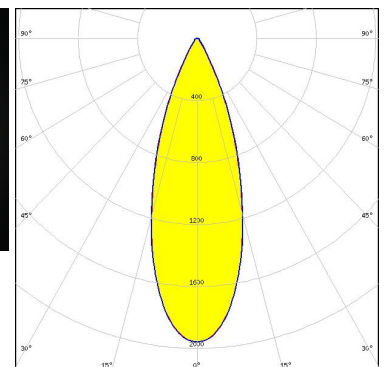
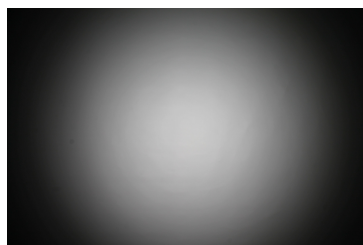
LED CLU700/701/702/703  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 36.0° / 56.0°  
Efficiency 86 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



LED CMA1516  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 35.0° / 59.0°  
Efficiency 84 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17436\_HEKLA-G2-D



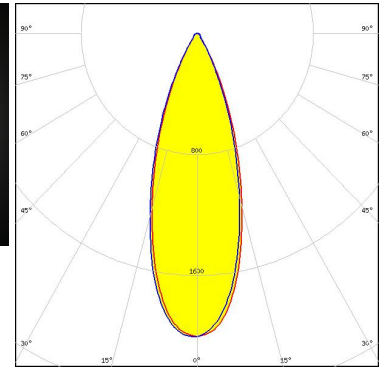
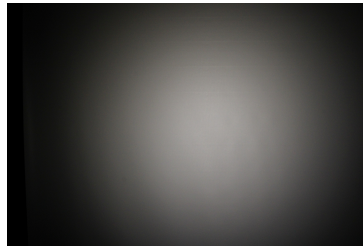
LED CMT14xx  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 35.0° / 60.0°  
Efficiency 84 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



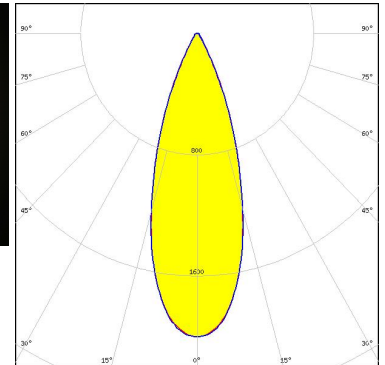
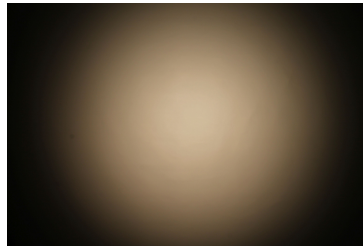
### OPTICAL RESULTS (MEASURED):



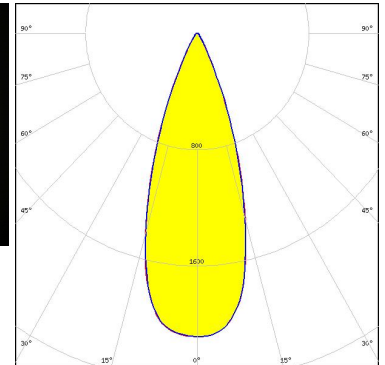
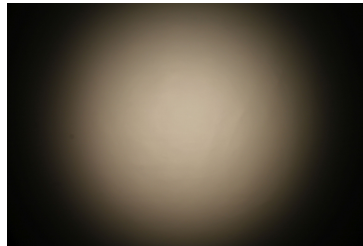
LED CMU10xx  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 35.0° / 61.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
BJB: 47.360.1020



LED LUXEON CoB 1202/1203  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 35.0° / 59.0°  
Efficiency 83 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17437\_HEKLA-G2-H



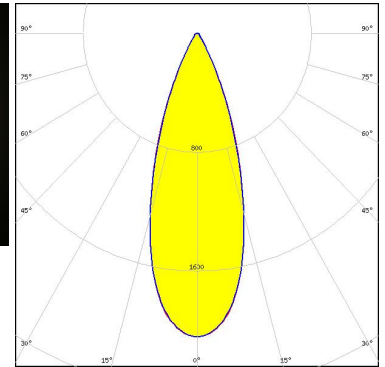
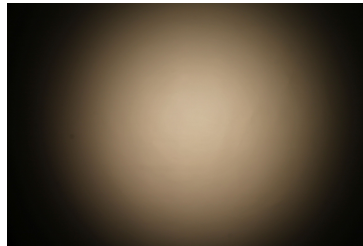
LED LUXEON CoB 1202s  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 36.0° / 57.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15848\_HEKLA-SOCKET-G



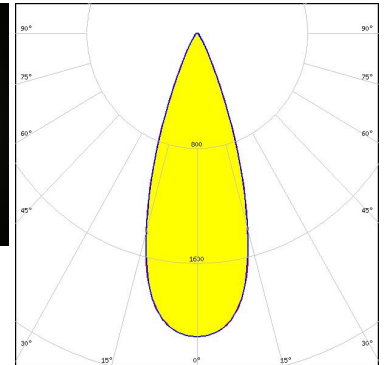
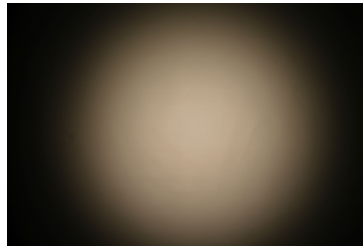
### OPTICAL RESULTS (MEASURED):



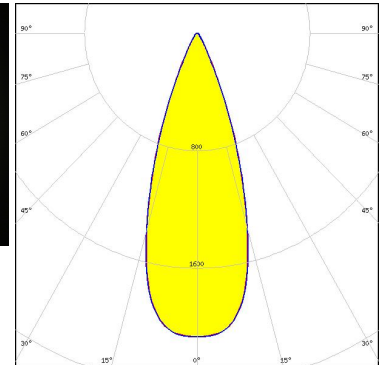
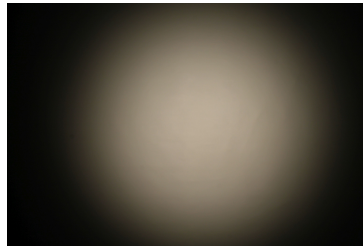
LED LUXEON CX Plus CoB M02 / M03 (Gen2)  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 35.0° / 59.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15256\_HEKLA-SOCKET-D



LED LUXEON CX Plus CoB S01 (Gen2)  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 36.0° / 56.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15956\_HEKLA-SOCKET-J



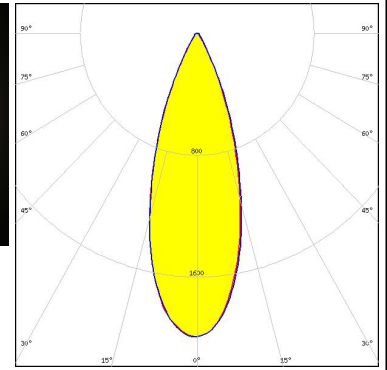
LED CxM-6 (13.5x13.5)  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 36.0° / 56.0°  
Efficiency 86 %  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17435\_HEKLA-G2-C



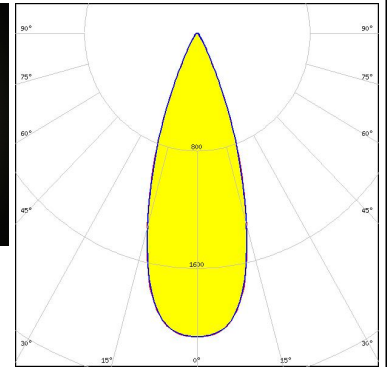
### OPTICAL RESULTS (MEASURED):



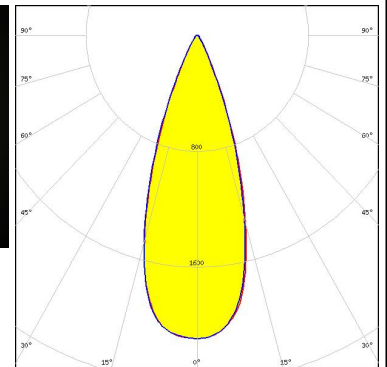
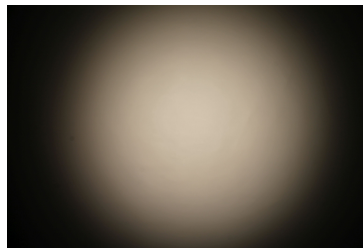
**LED** CxM-9 (13.5x13.5)  
**Ordering code** C17792\_AMY-45-W  
**FWHM / FWTM** 35.0° / 60.0°  
**Efficiency** 84 %  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F17435\_HEKLA-G2-C



**LED** COB S-Type (LES 7)  
**Ordering code** C17792\_AMY-45-W  
**FWHM / FWTM** 36.0° / 57.0°  
**Efficiency** 87 %  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15848\_HEKLA-SOCKET-G



**LED** COB T-Type  
**Ordering code** C17792\_AMY-45-W  
**FWHM / FWTM** 36.0° / 56.0°  
**Efficiency** 87 %  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 F15848\_HEKLA-SOCKET-G

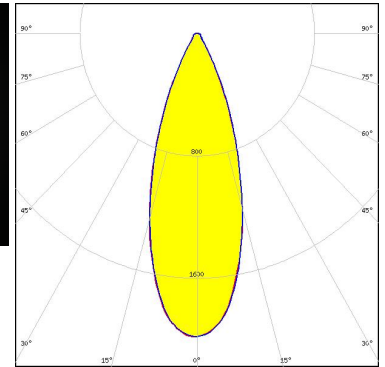
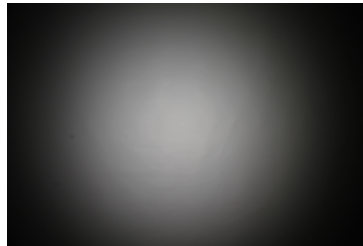




### OPTICAL RESULTS (MEASURED):

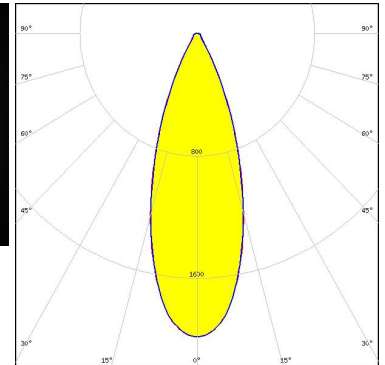
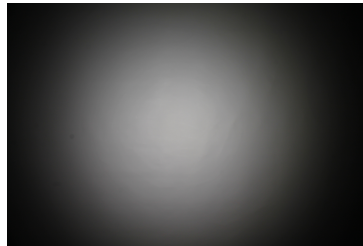
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
 Ordering code C17792\_AMY-45-W  
 FWHM / FWTM 36.0° / 62.0°  
 Efficiency 94 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 BJB: 47.360.1020



#### SAMSUNG

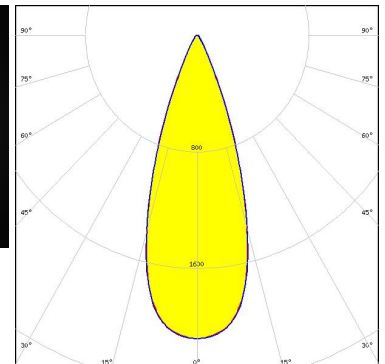
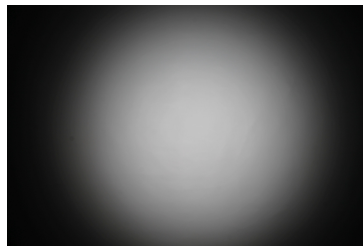
LED LC003D / LC006D / LC009D / LC013D  
 Ordering code C17792\_AMY-45-W  
 FWHM / FWTM 36.0° / 62.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 BJB: 47.360.1020



Light distribution files



LED MJT COB LES 6  
 Ordering code C17792\_AMY-45-W  
 FWHM / FWTM 36.0° / 56.0°  
 Efficiency 86 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 F17435\_HEKLA-G2-C



### OPTICAL RESULTS (MEASURED):

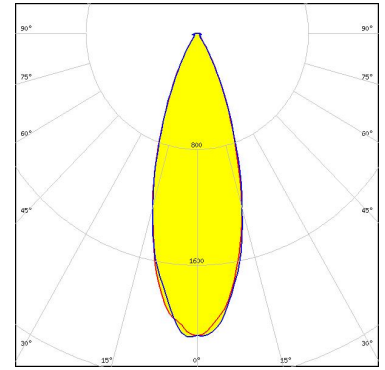




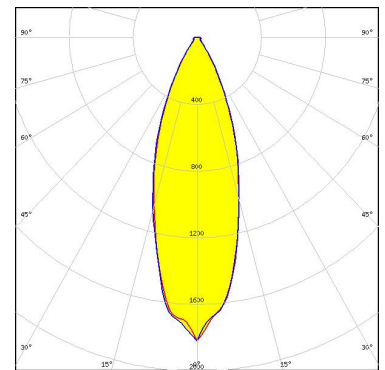
### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

LED CLU712/713  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 34.0° / 61.0°  
Efficiency 92 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F17438\_HEKLA-G2-I



LED CMA1825  
Ordering code C17792\_AMY-45-W  
FWHM / FWTM 34.0° / 67.0°  
Efficiency 88 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
F15254\_HEKLA-SOCKET-B



### 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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Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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