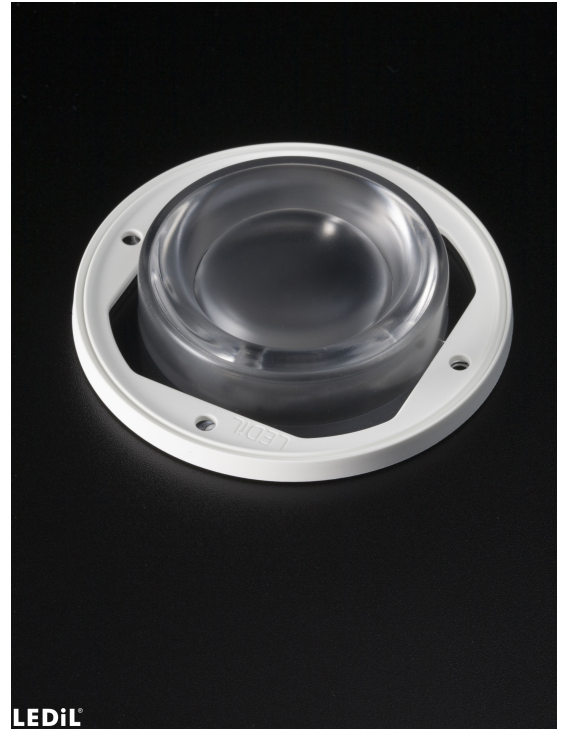


## STELLA-HB

~75° high bay beam for warehouse and outdoor lighting. Compatible with up to 30 mm LES size COBs. Variant with white frame.

### SPECIFICATION:

Dimensions	Ø 90.0 mm
Height	19.5 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

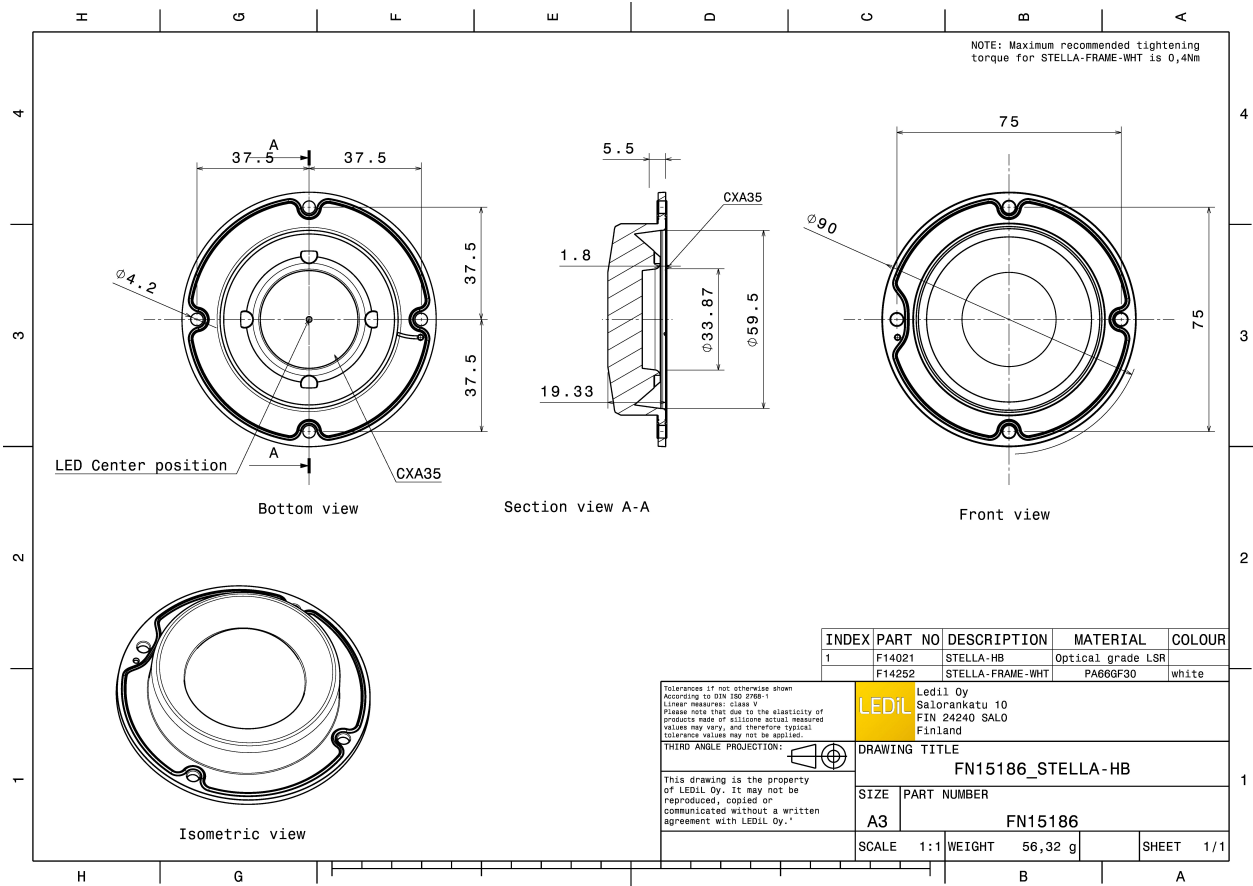


### MATERIALS:

Component	Type	Material	Colour	Finish
STELLA-HB	Single lens	Silicone	clear	
STELLA-FRAME-WHT	Holder	PA66	white	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FN15186_STELLA-HB	Single lens	135	135	15	7.9
» Box size: 480 x 280 x 300 mm					

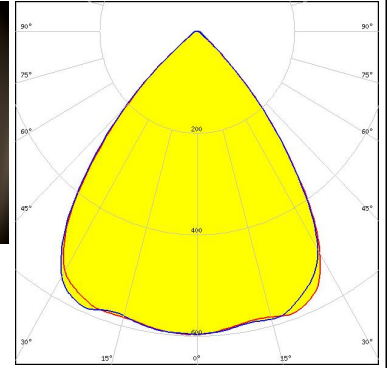


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

bridgelux.

LED V18 Gen7  
 FWHM / FWTM 79.0° / 100.0°  
 Efficiency 93 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



bridgelux.

LED VERO18  
 FWHM / FWTM 75.0° / 96.0°  
 Efficiency 93 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

bridgelux.

LED VERO29  
 FWHM / FWTM 69.0° / 104.0°  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

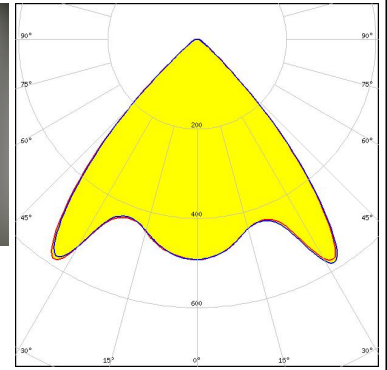
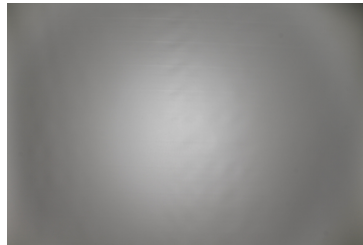
### CITIZEN

LED CLL163  
 FWHM / FWTM 79.0° / 98.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### OPTICAL RESULTS (MEASURED):



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
 FWHM / FWTM 87.0° / 104.0°  
 Efficiency 93 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED CXA/B 25xx  
 FWHM / FWTM 83.0° / 102.0°  
 Efficiency 93 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED CXA/B 30xx  
 FWHM / FWTM 78.0° / 103.0°  
 Efficiency 93 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED CXA/B 3590  
 FWHM / FWTM 72.0° / 106.0°  
 Efficiency 93 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### OPTICAL RESULTS (MEASURED):

#### LITEON

LED LTPL-M074  
FWHM / FWTM 76.0° / 100.0°  
Efficiency 93 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

LED LUXEON CoB 1211  
FWHM / FWTM 71.0° / 93.0°  
Efficiency 93 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

LED LUXEON CoB 1213/1216/1812  
FWHM / FWTM 72.0° / 99.0°  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMINUS

LED CxM-18 (21.5x21.5)  
FWHM / FWTM 80.0° / 100.0°  
Efficiency 93 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

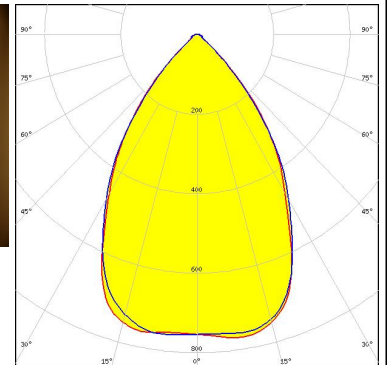
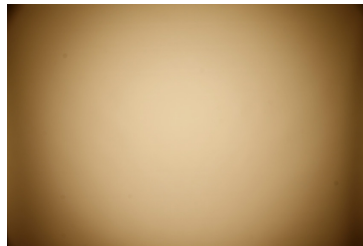
### OPTICAL RESULTS (MEASURED):



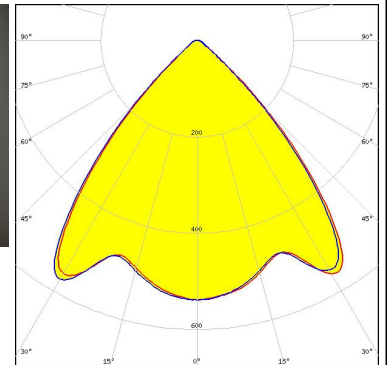
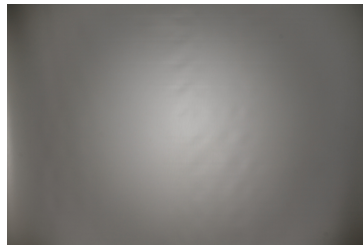
LED CxM-22 (28x28)  
 FWHM / FWTM 73.0° / 100.0°  
 Efficiency 93 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED CxM-22 (28x28)  
 FWHM / FWTM 68.0° / 97.0°  
 Efficiency 94 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 431 Typ L3



LED COB J-Type  
 FWHM / FWTM 85.0° / 103.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

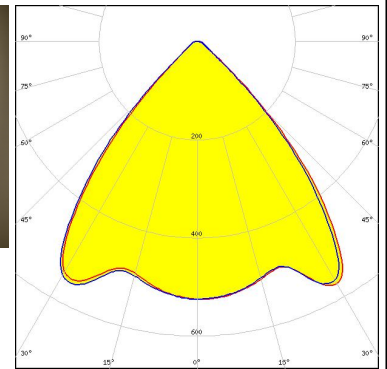
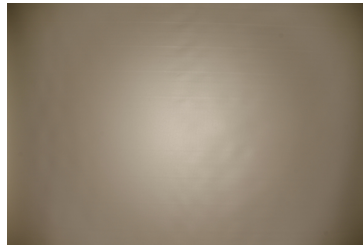


LED Soleriq S19  
 FWHM / FWTM 84.0° / 101.0°  
 Efficiency 92 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### OPTICAL RESULTS (MEASURED):

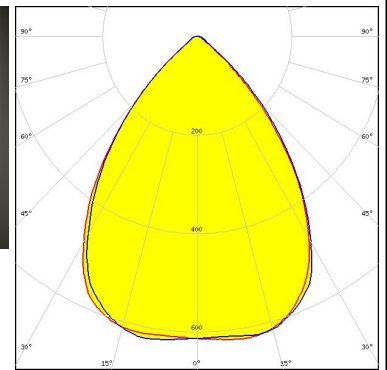
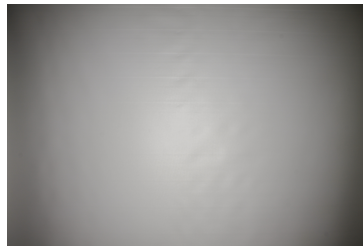
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 84.0° / 102.0°  
 Efficiency 93 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



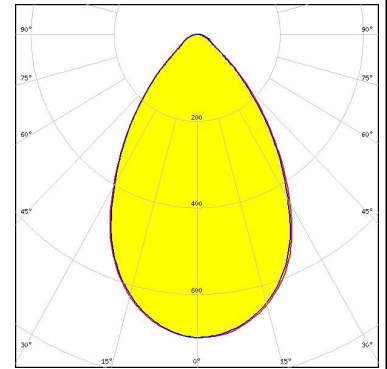
#### SAMSUNG

LED LC040D / LC060D / LC080D  
 FWHM / FWTM 77.0° / 104.0°  
 Efficiency 94 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

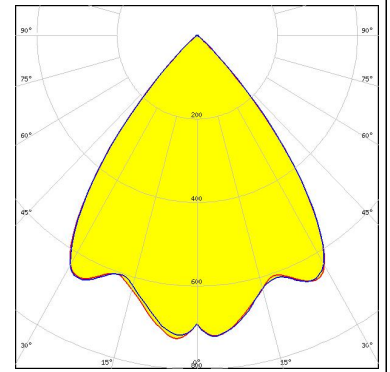
LED MJT COB LES 33  
 FWHM / FWTM 68.0° / 107.0°  
 Efficiency 94 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 458 Typ L4



### OPTICAL RESULTS (SIMULATED):

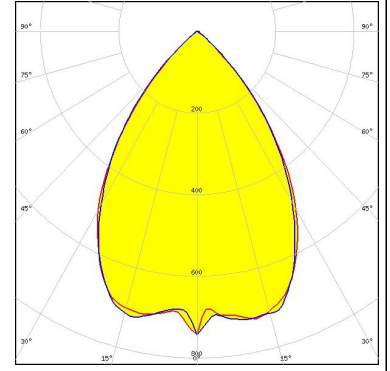
#### CITIZEN

LED CLL03x/CLU03x  
FWHM / FWTM 77.0° / 94.0°  
Efficiency 96 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



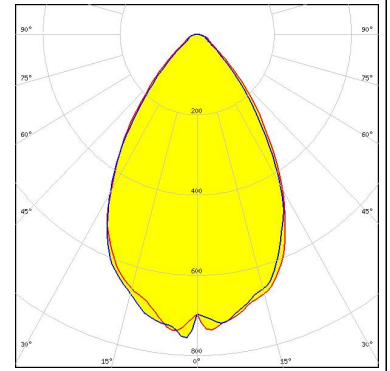
#### CITIZEN

LED CLL04x/CLU04x  
FWHM / FWTM 71.0° / 97.0°  
Efficiency 91 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CITIZEN

LED CLL05x/CLU05x  
FWHM / FWTM 66.0° / 102.0°  
Efficiency 92 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





### 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.

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