

## YASMEEN-35-NS

~14° spot beam

## SPECIFICATION:

Dimensions	Ø 35.0
Height	18 mm
Fastening	socket
ROHS compliant	yes ⓘ

## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-35-NS	Single lens	PMMA	clear		
YASMEEN-35-HLD-B	Holder B	PC	black		
YASMEEN-35-HLD-B-WHT	Holder B	PC	white		

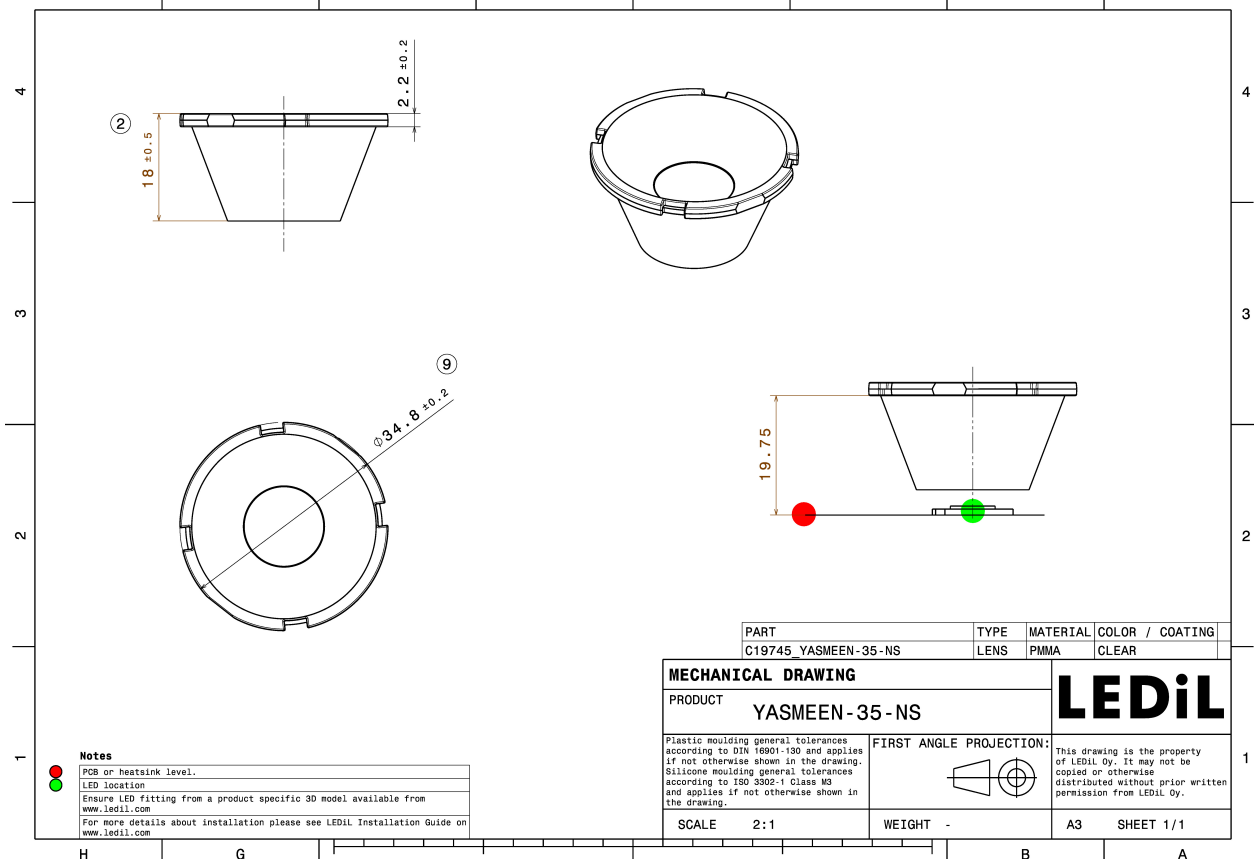
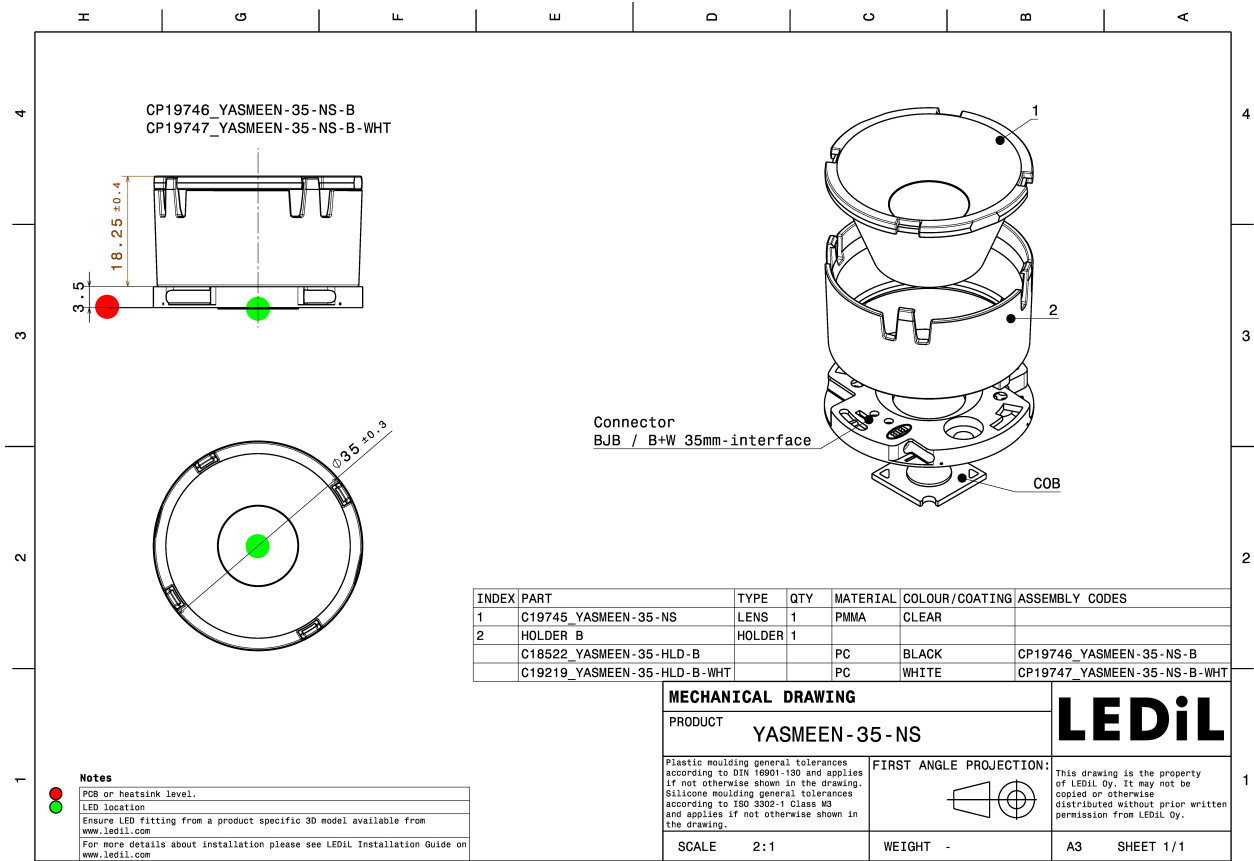


## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C19745_YASMEEN-35-NS	840	120	60	7.8

## Assembly

CP19747_YASMEEN-35-NS-B-WHT	780	120	60	9.5
CP19746_YASMEEN-35-NS-B	780	120	60	9.5



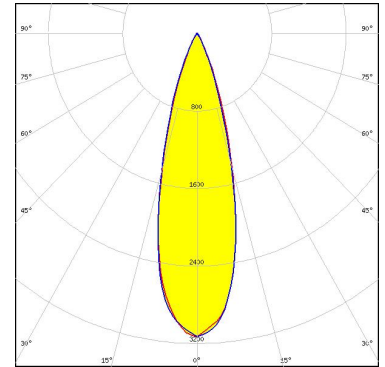
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



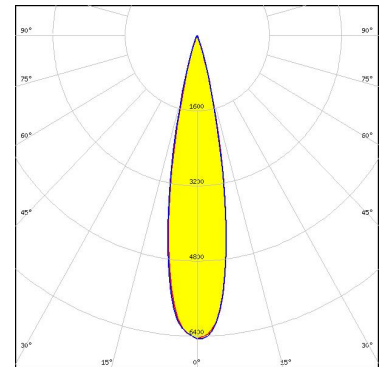
LED V10 Gen 8-9  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 28.0° / 50.0°  
 Efficiency 87 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Bender Wirth: 634b Bayonet35L

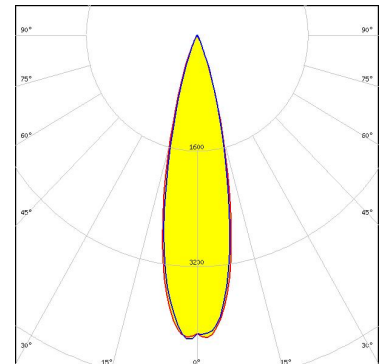


LED V6 HD Gen 8  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 22.0° / 34.0°  
 Efficiency 90 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Bender Wirth: 634c Bayonet35L



LED V9 HD Gen 8  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 25.0° / 43.0°  
 Efficiency 87 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C19308\_SOCKET-B-35-I

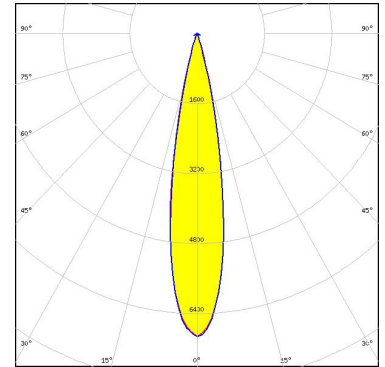


Light distribution files

### OPTICAL RESULTS (SIMULATED):



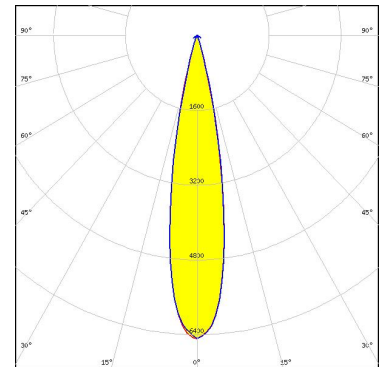
LED Vesta TW 6mm DP  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 20.0° / 32.0°  
 Efficiency 92 %  
 Peak intensity 6.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C19309\_SOCKET-B-35-L



Light distribution files

### CITIZEN

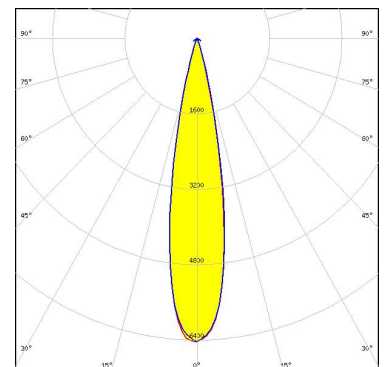
LED CLU02x (LES10)  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 20.0° / 32.0°  
 Efficiency 89 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### CITIZEN

LED CLU700/701/702/703  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 20.0° / 32.0°  
 Efficiency 89 %  
 Peak intensity 6.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



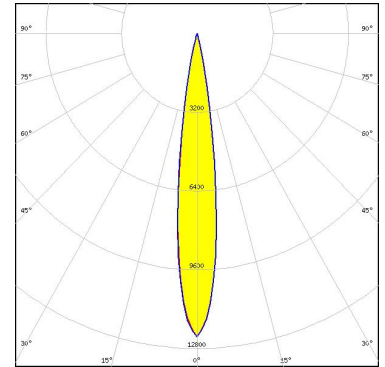
Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### CITIZEN

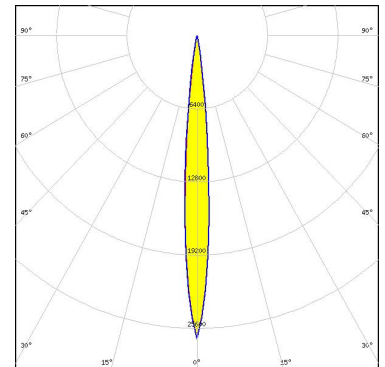
LED CLU7A2/7A3  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 89 %  
 Peak intensity 12.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

BJB: 47.360.1020



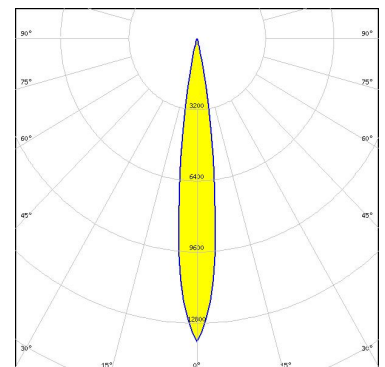
#### CITIZEN

LED CLU7L3  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 89 %  
 Peak intensity 26.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C19425\_SOCKET-B-35-N



#### CITIZEN

LED CLU7R3  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 14.0° / 24.0°  
 Efficiency 90 %  
 Peak intensity 13.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C19424\_SOCKET-B-35-M

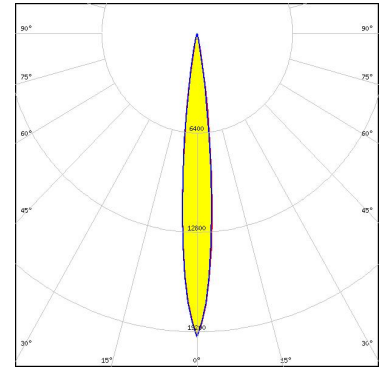


### OPTICAL RESULTS (SIMULATED):



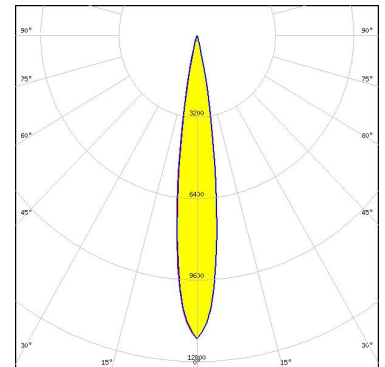
LED: CHA0304  
 Ordering code: CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM: 12.0° / 20.0°  
 Efficiency: 89 %  
 Peak intensity: 19.5 cd/lm  
 LEDs/each optic: 1  
 Light colour/type: White  
 Required components:

BJB: 47.360.1020



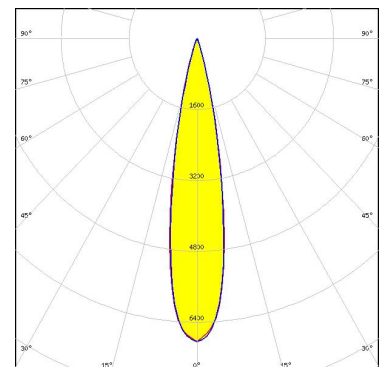
LED: CHA0410  
 Ordering code: CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM: 15.0° / 26.0°  
 Efficiency: 89 %  
 Peak intensity: 11.9 cd/lm  
 LEDs/each optic: 1  
 Light colour/type: White  
 Required components:

BJB: 47.360.1020



LED: CHA0612  
 Ordering code: CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM: 20.0° / 34.0°  
 Efficiency: 89 %  
 Peak intensity: 6.8 cd/lm  
 LEDs/each optic: 1  
 Light colour/type: White  
 Required components:

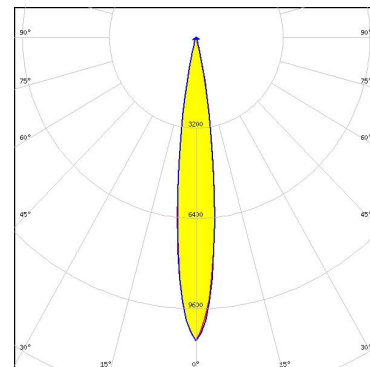
BJB: 47.360.1020



### OPTICAL RESULTS (SIMULATED):



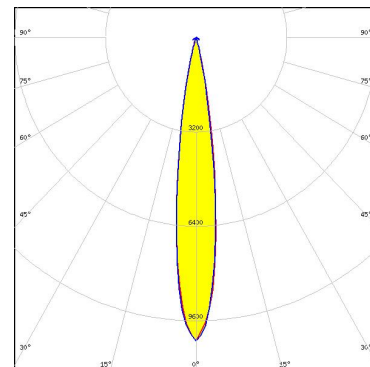
LED LUXEON 5050 HE  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 89 %  
 Peak intensity 10.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C



Light distribution files



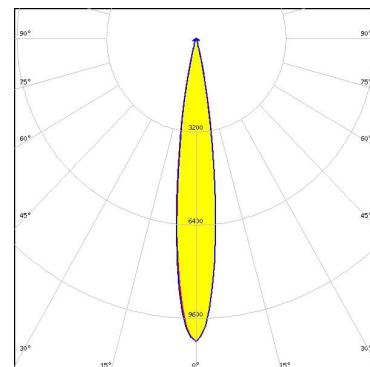
LED LUXEON 5050 Round LES  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 15.0° / 26.0°  
 Efficiency 89 %  
 Peak intensity 10.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C



Light distribution files



LED LUXEON 5050 Square LES  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 90 %  
 Peak intensity 10.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C



Light distribution files

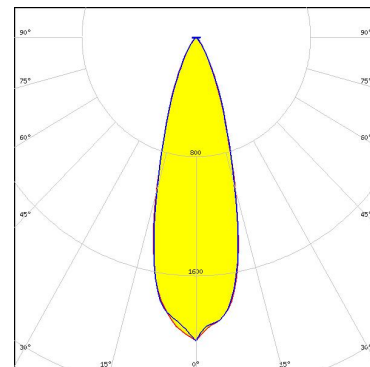


### OPTICAL RESULTS (SIMULATED):



LED LUXEON CX Plus CoB L04 / L05 (Gen2)  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 30.0° / 58.0°  
 Efficiency 75 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

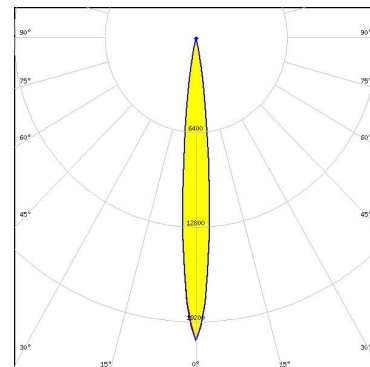
BJB: 47.360.1040



Light distribution files



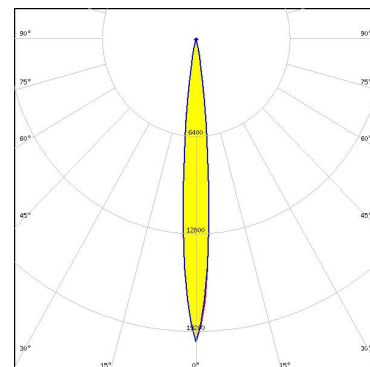
LED LUXEON HL2X  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 92 %  
 Peak intensity 20.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C



Light distribution files



LED LUXEON HL2Z  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 89 %  
 Peak intensity 19.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C

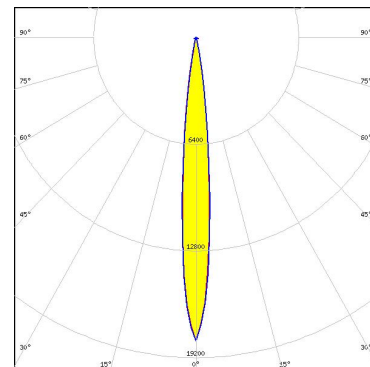


Light distribution files

### OPTICAL RESULTS (SIMULATED):



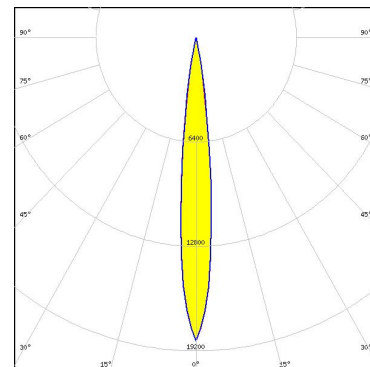
LED LUXEON HL4Z  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 10.0° / 21.0°  
 Efficiency 89 %  
 Peak intensity 18.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C



Light distribution files



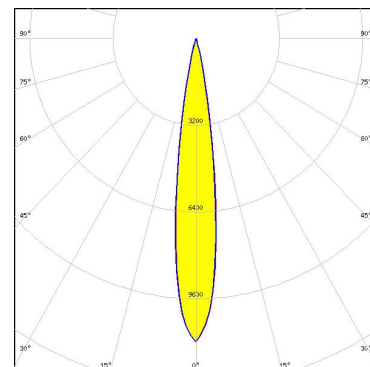
LED CXM-3  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 90 %  
 Peak intensity 18.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



BJB: 47.360.1020



LED CXM-4  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 16.0° / 26.0°  
 Efficiency 89 %  
 Peak intensity 11.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



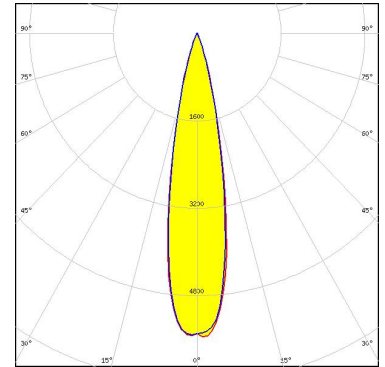
BJB: 47.360.1020

### OPTICAL RESULTS (SIMULATED):



LED CxM-6 (13.5x13.5)  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 22.0° / 38.0°  
 Efficiency 88 %  
 Peak intensity 5.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

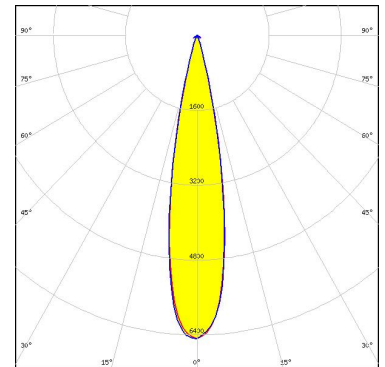
BJB: 47.360.1020



LED CxM-6 (13.5x13.5)  
 Ordering code CP19747\_YASMEEN-35-NS-B-WHT  
 FWHM / FWTM 20.0° / 32.0°  
 Efficiency 94 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

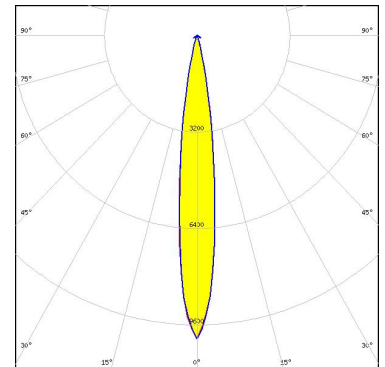
Bender Wirth: 634a Bayonet35L

Light distribution files



LED NCSxE17A  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 14.0° / 26.0°  
 Efficiency 86 %  
 Peak intensity 10.1 cd/lm  
 LEDs/each optic 4  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C

Light distribution files

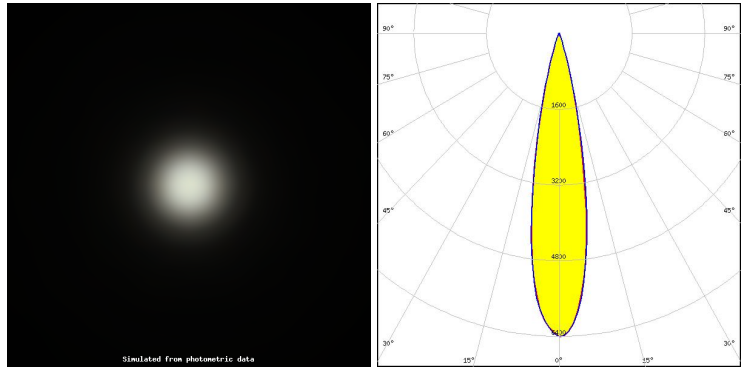


### OPTICAL RESULTS (SIMULATED):



LED NF1202EFC-V5  
 Ordering code CP19746\_YASMEEN-35-NS-B  
 FWHM / FWTM 20.0° / 34.0°  
 Efficiency 88 %  
 Peak intensity 6.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

BJB: 47.360.1020

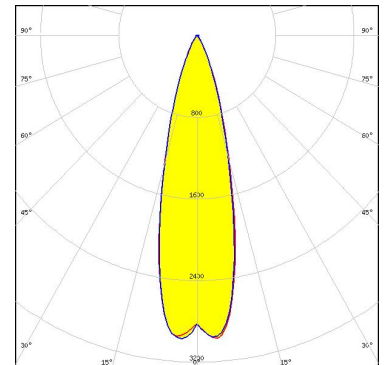


Light distribution files

### SAMSUNG

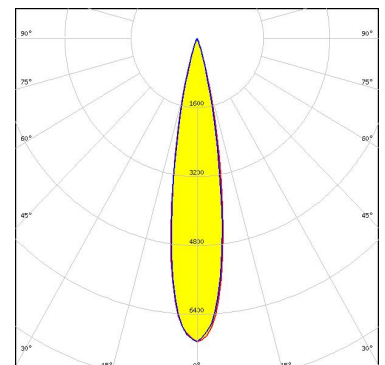
LED LC003D / LC006D / LC009D / LC013D  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 28.0° / 50.0°  
 Efficiency 84 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

BJB: 47.360.1020



### SAMSUNG

LED LC010C G2  
 Ordering code CP19746\_YASMEEN-35-S-B  
 FWHM / FWTM 19.0° / 34.0°  
 Efficiency 89 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C18968\_SOCKET-B-35-C

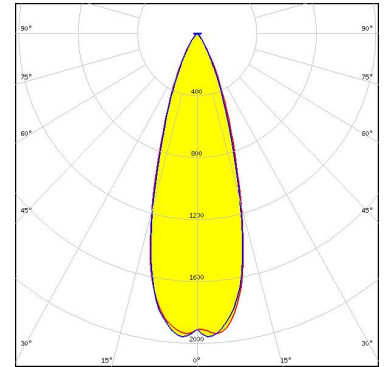


## OPTICAL RESULTS (SIMULATED):

## SAMSUNG

LED	LC030C/040C G2
Ordering code	CP19746_YASMEEN-35-S-B
FWHM / FWTM	33.0° / 59.0°
Efficiency	77 %
Peak intensity	2 cd/Im
LEDs/each optic	1
Light colour/type	White
Required components:	

BJB: 47.360.1010



### 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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