

YASMEEN-35-S

~15° spot beam

SPECIFICATION:

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

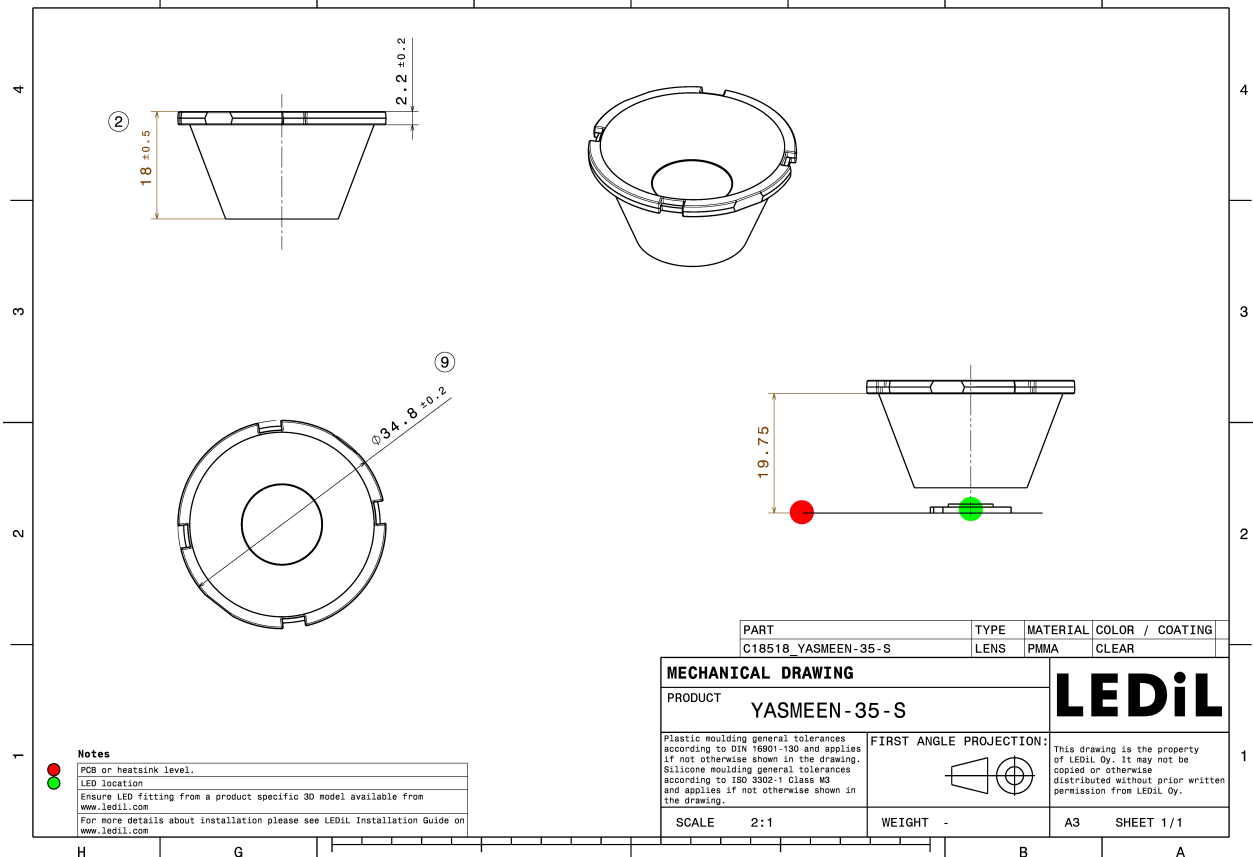
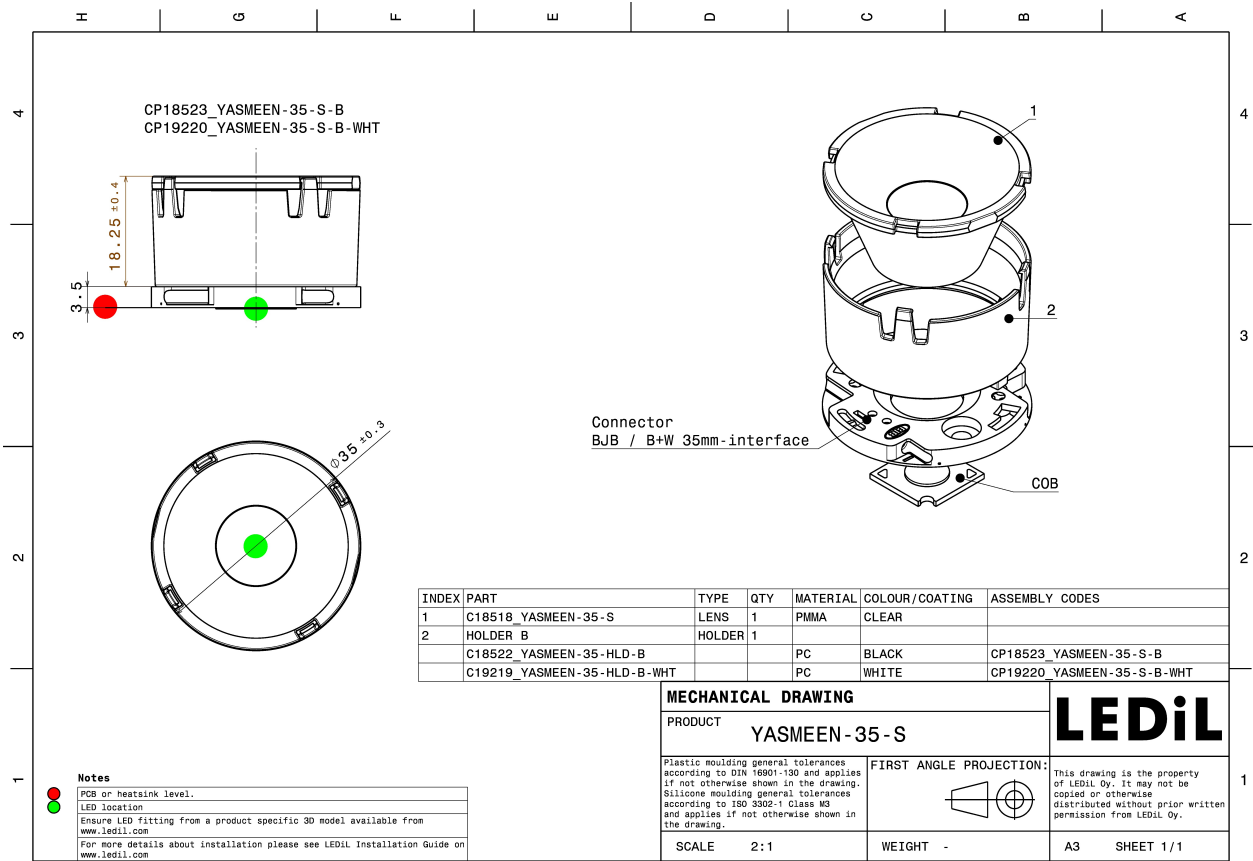
MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-35-S	Single lens	PMMA	clear	gloss
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)
C18518_YASMEEN-35-S	840	120	60	7.9
Assembly				
CP19220_YASMEEN-35-S-B-WHT	780	120	60	9.1
CP18523_YASMEEN-35-S-B	780	120	60	9.2

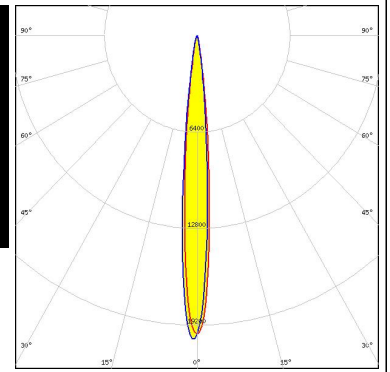


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

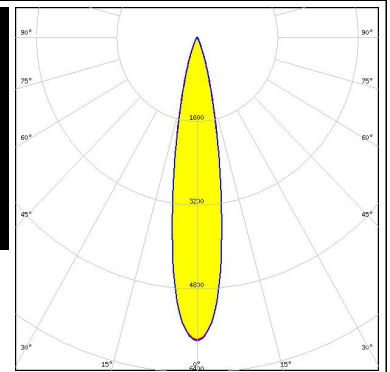
CITIZEN

LED CLU7L3
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 10.0° / 19.0°
Efficiency 91 %
Peak intensity 20.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C19425_SOCKET-B-35-N



SAMSUNG

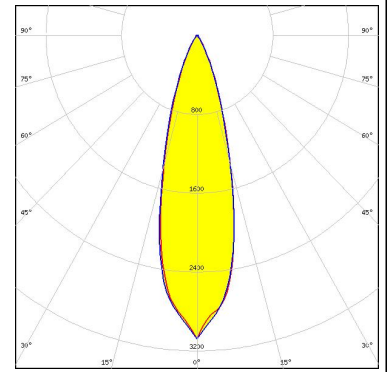
LED LC010C G2
FWHM / FWTM 19.0° / 38.0°
Efficiency 88 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



OPTICAL RESULTS (SIMULATED):

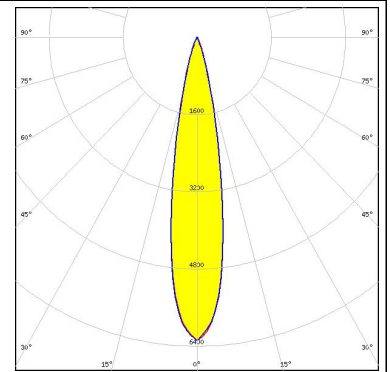
bridgelux.

LED V10 Gen 8-9
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 28.0° / 53.0°
 Efficiency 88 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634b Bayonet35L



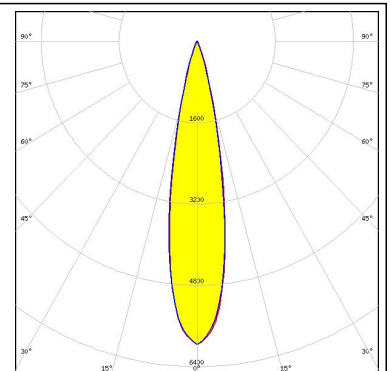
bridgelux.

LED V6 HD Gen 7
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 20.0° / 36.0°
 Efficiency 89 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



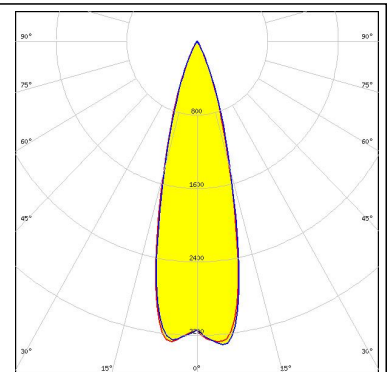
bridgelux.

LED V6 HD Gen 8
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 21.0° / 37.0°
 Efficiency 91 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Bayonet35L



bridgelux.

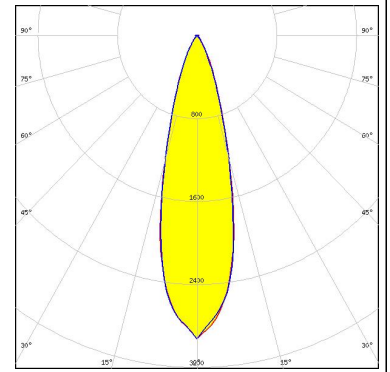
LED Vesta DTW 9mm (4W/6W/12W)
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 28.0° / 49.0°
 Efficiency 90 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 652b Bayonet35L



OPTICAL RESULTS (SIMULATED):

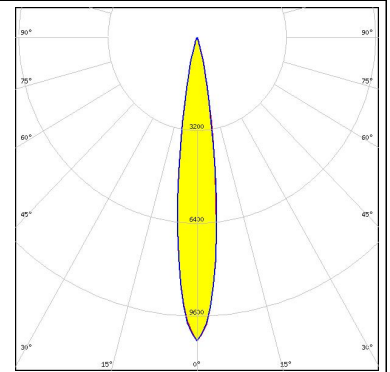
CITIZEN

LED CLL02x/CLU02x (LES10)
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 28.0° / 53.0°
 Efficiency 84 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



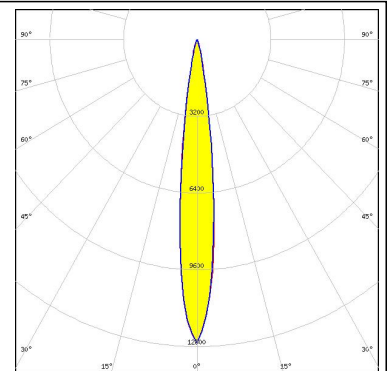
CITIZEN

LED CLU7A2/7A3
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 88 %
 Peak intensity 10.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



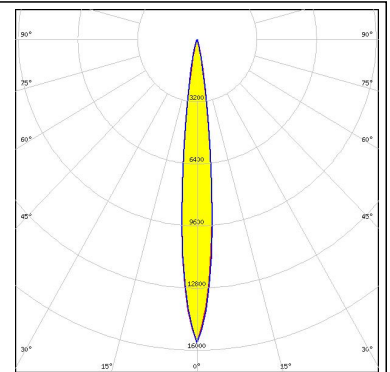
CITIZEN

LED CLU7S3
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 14.0° / 25.0°
 Efficiency 88 %
 Peak intensity 12.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C19425_SOCKET-B-35-N



CREE LEDs

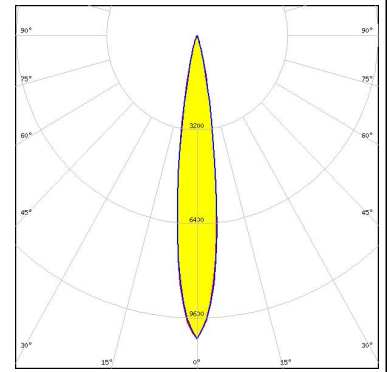
LED CHA0304
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 88 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.360.1020



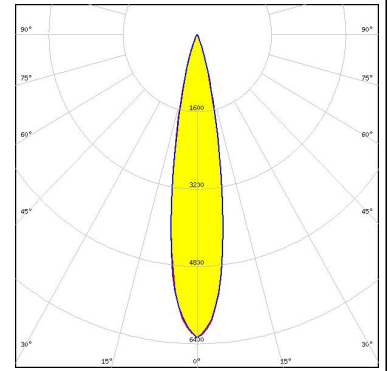
OPTICAL RESULTS (SIMULATED):



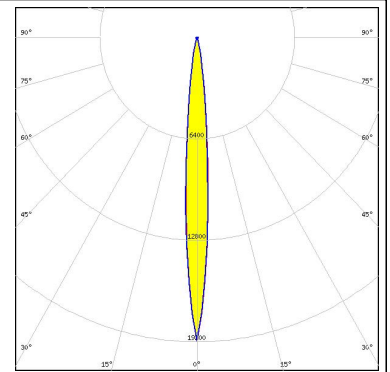
LED CHA0410
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 16.0° / 28.0°
Efficiency 88 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



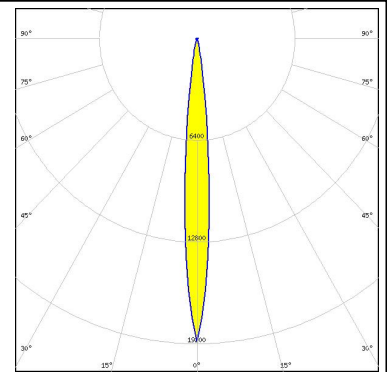
LED CHA0612
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 20.0° / 36.0°
Efficiency 88 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



LED XD16
FWHM / FWTM 8.0° / 20.0°
Efficiency 94 %
Peak intensity 19.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



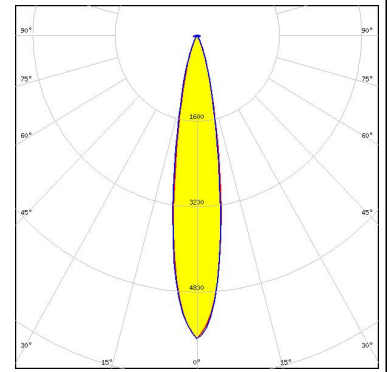
LED XP-G3
FWHM / FWTM 10.0° / 20.0°
Efficiency 94 %
Peak intensity 19.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

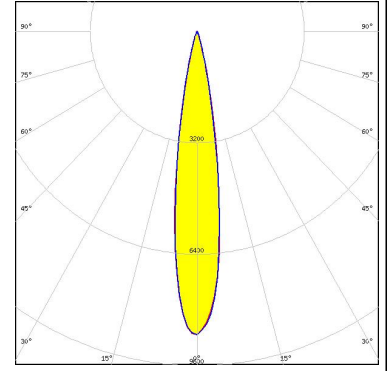
LUMILEDS

LED LUXEON 7070
 FWHM / FWTM 18.0° / 38.0°
 Efficiency 94 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



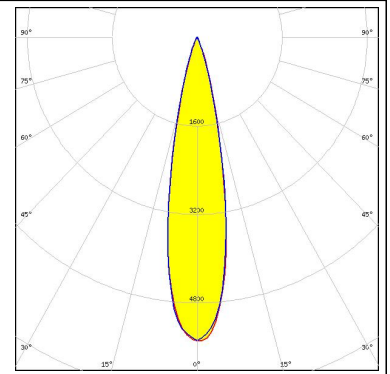
LUMILEDS

LED LUXEON CX Plus CoB - HD S01H4
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 91 %
 Peak intensity 8.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Bayonet35L



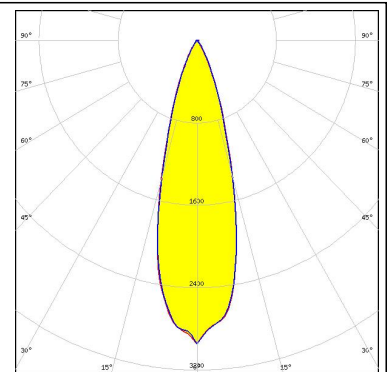
LUMILEDS

LED LUXEON CX Plus CoB - HD S02H6
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 22.0° / 38.0°
 Efficiency 91 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634c Bayonet35L



LUMILEDS

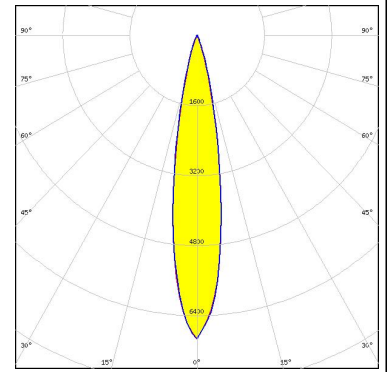
LED LUXEON CX Plus CoB - HD S04H9
 Ordering code CP18523_YASMEEN-35-S-B
 FWHM / FWTM 30.0° / 54.0°
 Efficiency 89 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 634a Bayonet35L



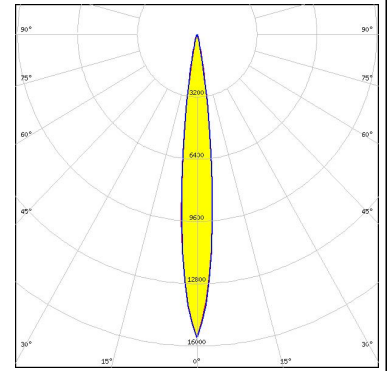
OPTICAL RESULTS (SIMULATED):



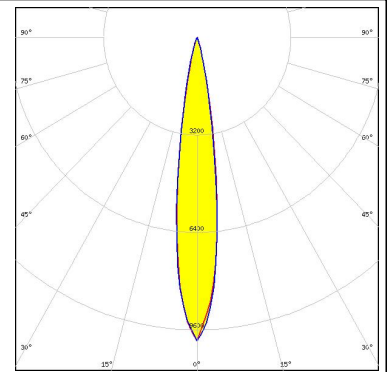
LED LUXEON CX Plus CoB S01 (Gen2)
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 18.0° / 35.0°
Efficiency 91 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 634c Bayonet35L



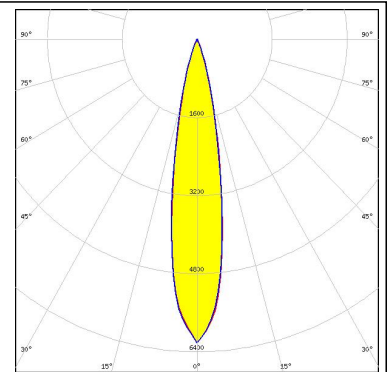
LED CXM-3
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 12.0° / 22.0°
Efficiency 91 %
Peak intensity 15.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 634a Bayonet35L



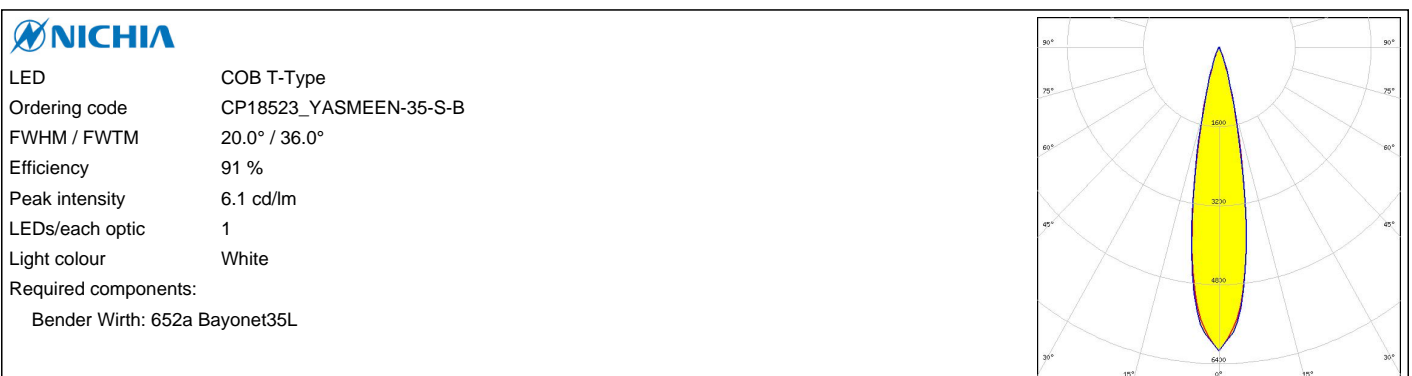
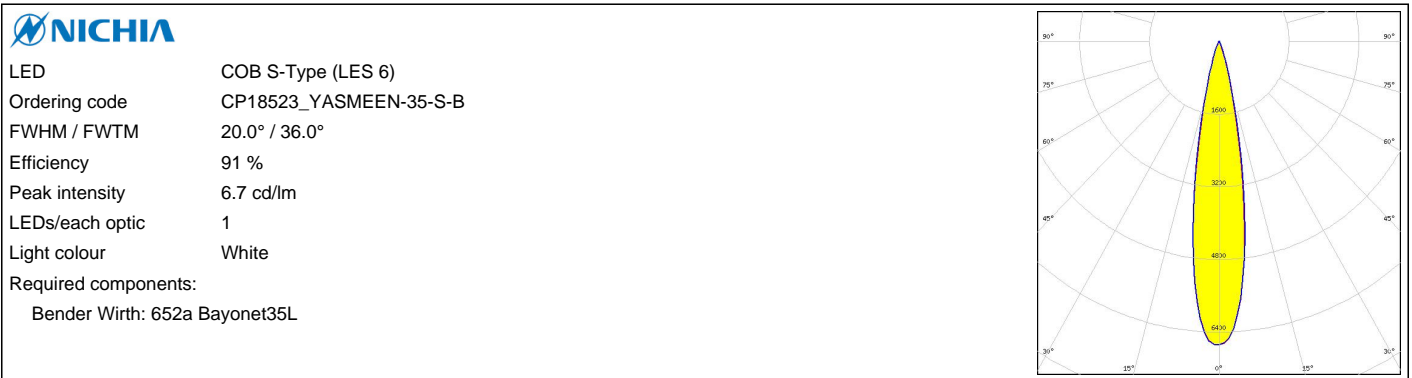
LED CXM-4
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 16.0° / 28.0°
Efficiency 91 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 Bender Wirth: 634a Bayonet35L



LED CxM-6 (13.5x13.5)
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 20.0° / 38.0°
Efficiency 88 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 BJB: 47.360.1020



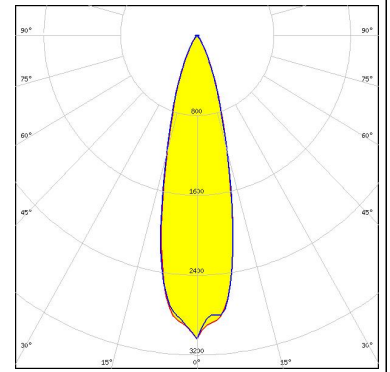
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

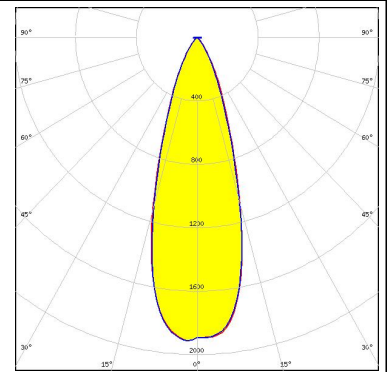
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 26.0° / 52.0°
Efficiency 84 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.360.1020



SAMSUNG

LED LC030C/040C G2
Ordering code CP18523_YASMEEN-35-S-B
FWHM / FWTM 32.0° / 62.0°
Efficiency 77 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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