

YASMEEN-70-RS

~10° spot beam

SPECIFICATION:

Dimensions	Ø 70.0
Height	38.4 mm
Fastening	socket
ROHS compliant	yes ⓘ

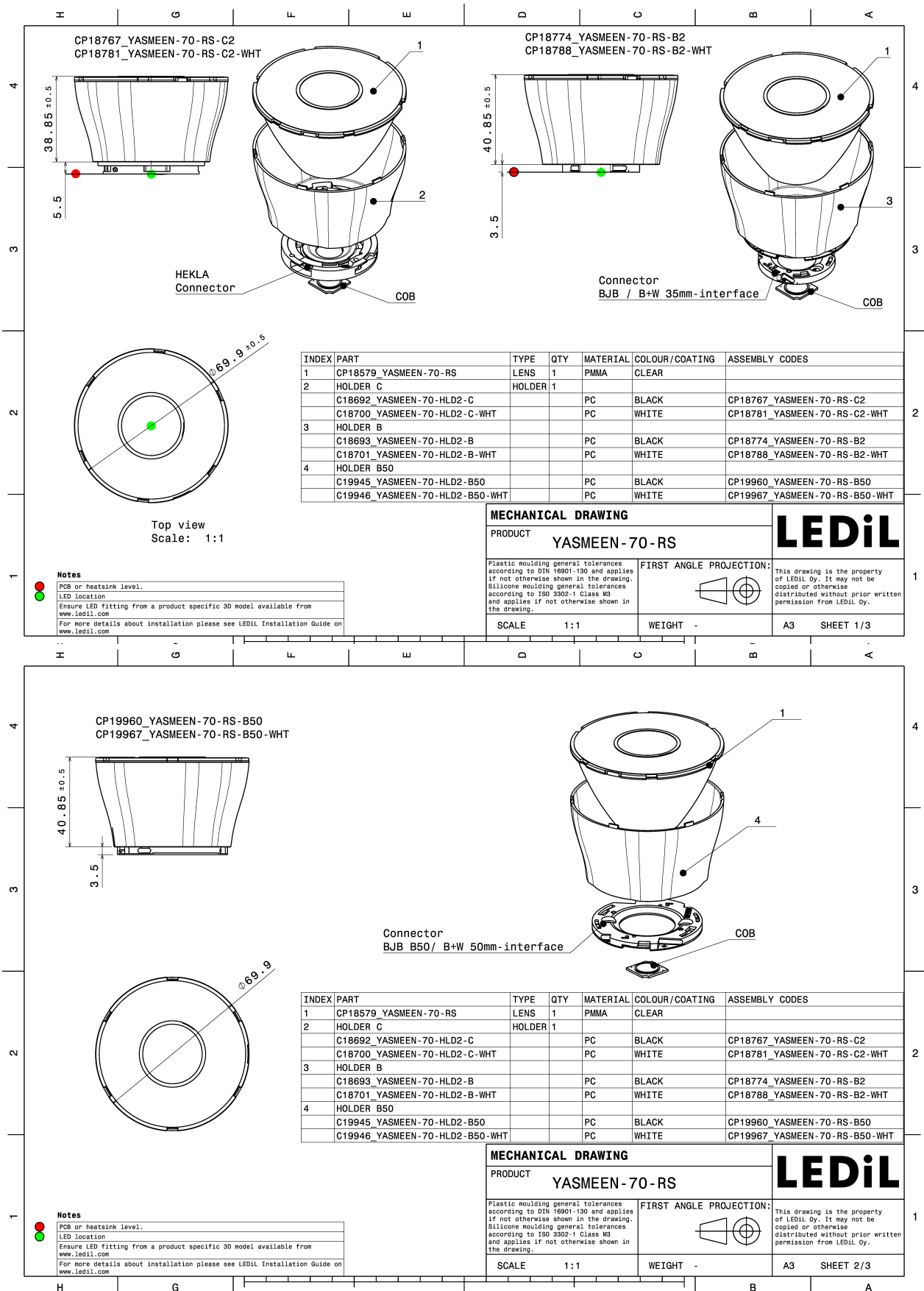
MATERIALS:

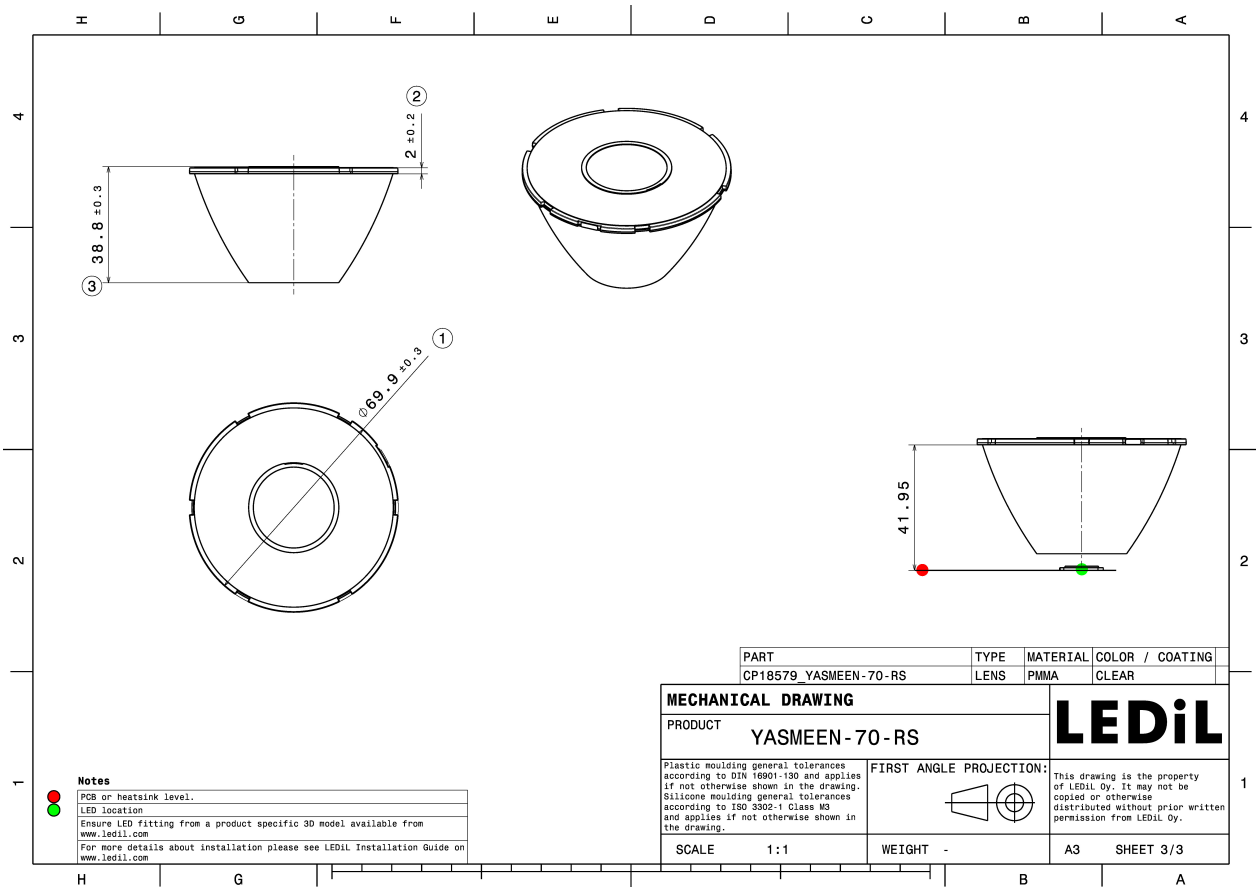


Component	Type	Material	Colour	Finish	Length (mm)
YASMEEN-70-RS	Single lens	PMMA	clear		
YASMEEN-70-HLD2-C	Holder C	PC	black		
YASMEEN-70-HLD2-B	Holder B	PC	black		
YASMEEN-70-HLD2-C-WHT	Holder C	PC	white		
YASMEEN-70-HLD2-B-WHT	Holder B	PC	white		
YASMEEN-70-HLD2-B50	Holder B	PC	black		
YASMEEN-70-HLD2-B50-WHT	Holder B	PC	white		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18579_YASMEEN-70-RS	105	105	15	9.3
Assembly				
CP19967_YASMEEN-70-RS-B50-WHT	105	105	15	10.9
CP19960_YASMEEN-70-RS-B50	105	105	15	10.9
CP18788_YASMEEN-70-RS-B2-WHT	105	105	15	11.0
CP18781_YASMEEN-70-RS-C2-WHT	105	105	15	10.9
CP18774_YASMEEN-70-RS-B2	105	105	15	11.0
CP18767_YASMEEN-70-RS-C2	105	105	15	10.6



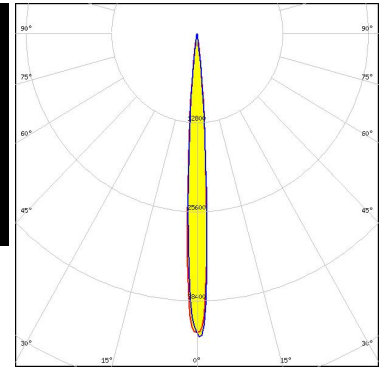


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CITIZEN

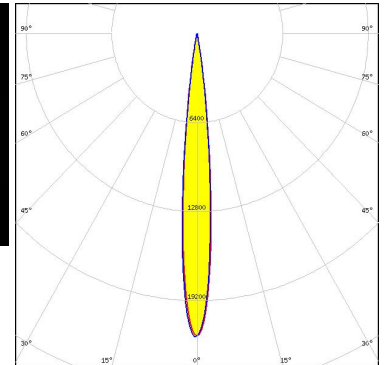
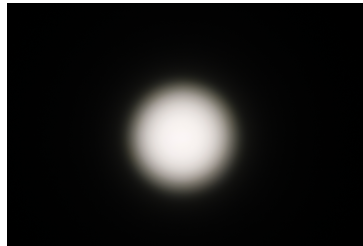
LED CLU7L3
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 7.0° / 14.0°
 Efficiency 90 %
 Peak intensity 43.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N



Light distribution files

PHILIPS

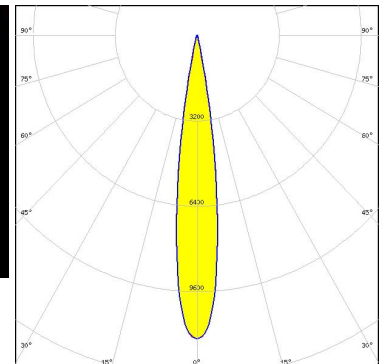
LED Fortimo SLM C TW L06A 1313 G7N
 Ordering code CP18781_YASMEEN-70-RS-C2-WHT
 FWHM / FWTM 11.0° / 19.0°
 Efficiency 91 %
 Peak intensity 21.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 508 Typ L8



Light distribution files

PHILIPS

LED Fortimo SLM C TW L09A 1919 G7N
 Ordering code CP18781_YASMEEN-70-RS-C2-WHT
 FWHM / FWTM 15.0° / 25.0°
 Efficiency 91 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8

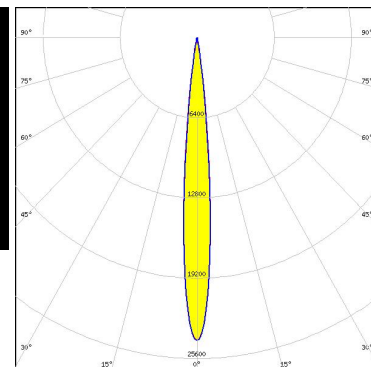
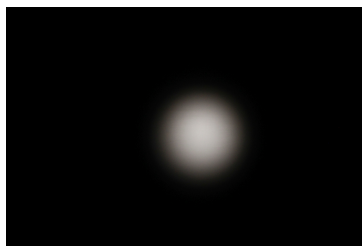


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED LC010C G2
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 88 %
 Peak intensity 24.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

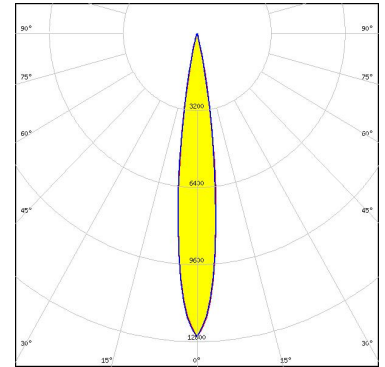


Light distribution files

OPTICAL RESULTS (SIMULATED):



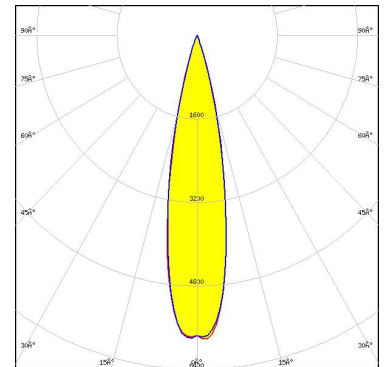
LED V10 Gen 8-9
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 90 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



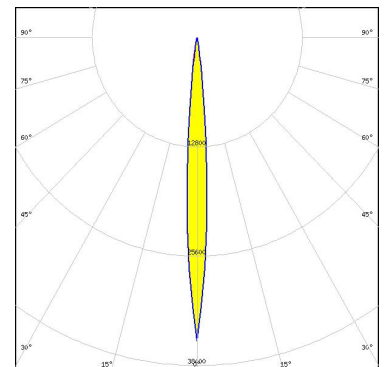
LED V13 Gen 8-9
 FWHM / FWTM 22.0° / 36.0°
 Efficiency 90 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F19859_HEKLA-G2B-I2



Light distribution files



LED V4 HD Gen 8
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 90 %
 Peak intensity 35.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A

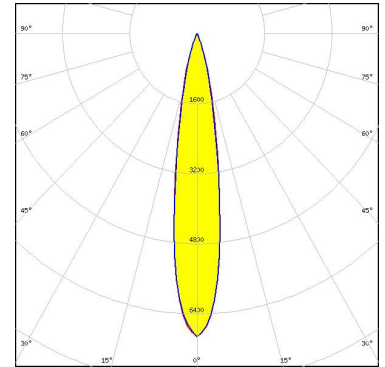


Light distribution files

OPTICAL RESULTS (SIMULATED):



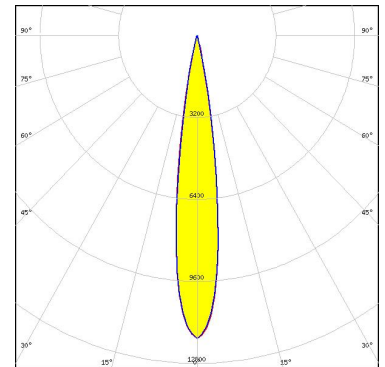
LED Vesta SE 13mm TW
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 86 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

CITIZEN

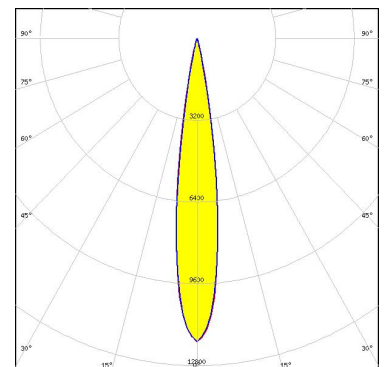
LED CLU02x (LES10)
 Ordering code CP18781_YASMEEN-70-RS-C2-WHT
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 93 %
 Peak intensity 11.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

LED CLU02x (LES10)
 Ordering code CP18788_YASMEEN-70-RS-B2-WHT
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 93 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



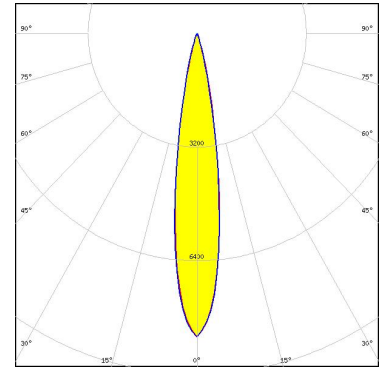
Light distribution files

BJB: 47.360.1020

OPTICAL RESULTS (SIMULATED):

CITIZEN

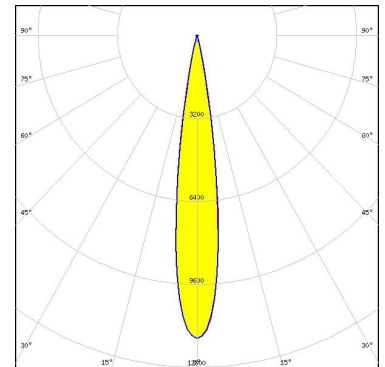
LED CLU02x (LES10)
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 17.0° / 30.0°
 Efficiency 90 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

CITIZEN

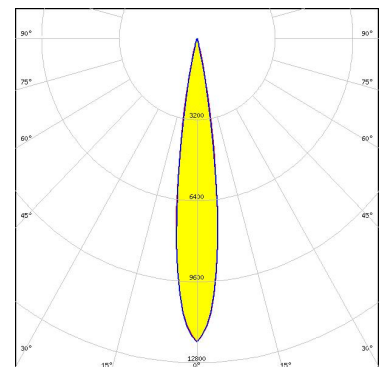
LED CLU02x (LES10)
 Ordering code CP18579_YASMEEN-70-RS
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 95 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

CITIZEN

LED CLU02x (LES10)
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 90 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



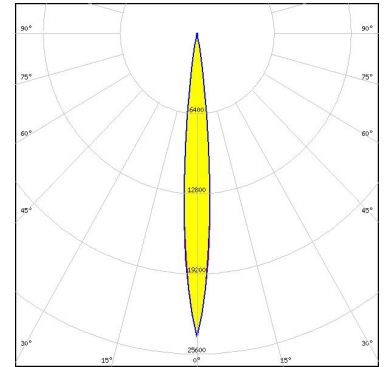
Light distribution files

BJB: 47.360.1020

OPTICAL RESULTS (SIMULATED):

CITIZEN

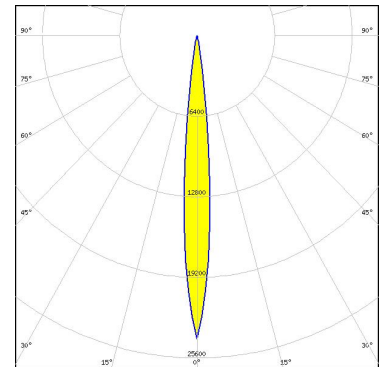
LED CLU700/701/702/703
 Ordering code CP18579_YASMEEN-70-RS
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 95 %
 Peak intensity 24.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

CITIZEN

LED CLU700/701/702/703
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 90 %
 Peak intensity 24.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

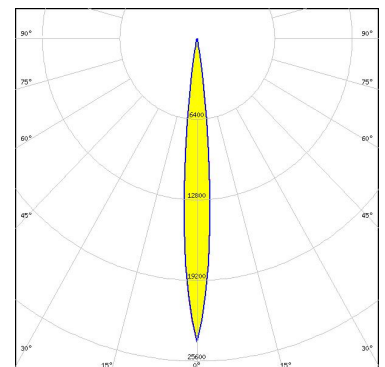


Light distribution files

BJB: 47.360.1020

CITIZEN

LED CLU700/701/702/703
 Ordering code CP18781_YASMEEN-70-RS-C2-WHT
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 93 %
 Peak intensity 24.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

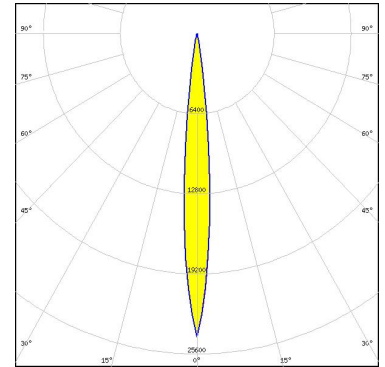
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU700/701/702/703
 Ordering code CP18788_YASMEEN-70-RS-B2-WHT
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 93 %
 Peak intensity 24.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1020

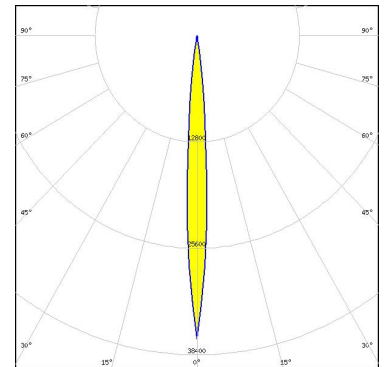
Light distribution files



CITIZEN

LED CLU7A2/7A3
 Ordering code CP18781_YASMEEN-70-RS-C2-WHT
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 93 %
 Peak intensity 36.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

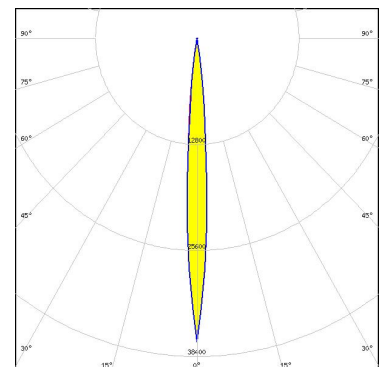
Light distribution files



CITIZEN

LED CLU7A2/7A3
 Ordering code CP18579_YASMEEN-70-RS
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 94 %
 Peak intensity 36.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



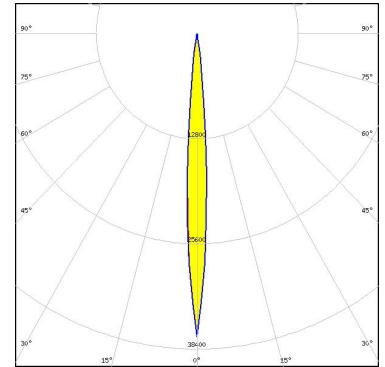
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU7A2/7A3
 Ordering code CP18788_YASMEEN-70-RS-B2-WHT
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 93 %
 Peak intensity 36.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1020

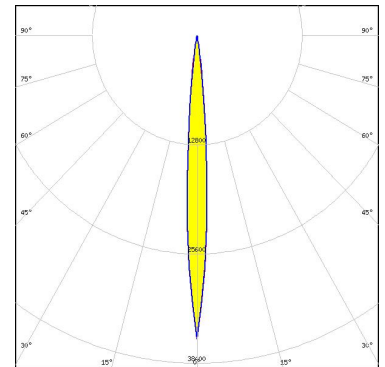
Light distribution files



CITIZEN

LED CLU7A2/7A3
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 89 %
 Peak intensity 35.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18968_SOCKET-B-35-C

Light distribution files

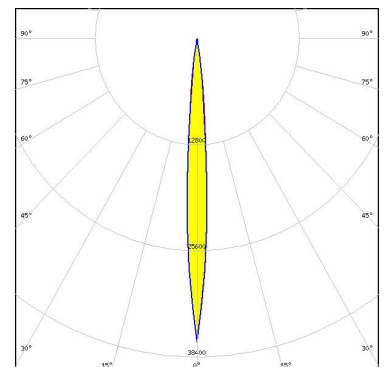


CITIZEN

LED CLU7A2/7A3
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 90 %
 Peak intensity 36.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

BJB: 47.360.1020

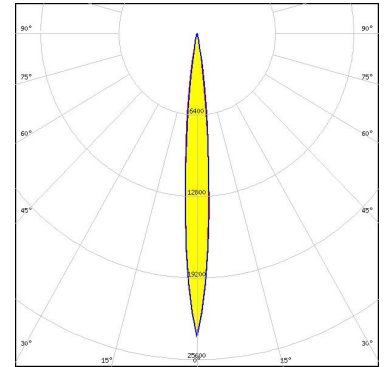
Light distribution files



OPTICAL RESULTS (SIMULATED):

CITIZEN

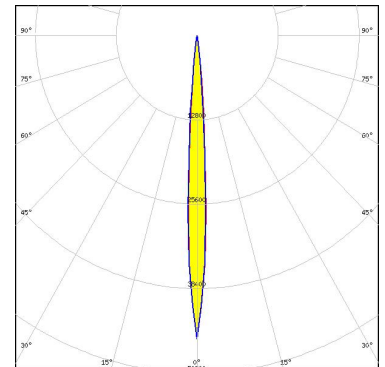
LED CLU7A3 Type-F
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 88 %
 Peak intensity 23.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C18968_SOCKET-B-35-C



Light distribution files

CITIZEN

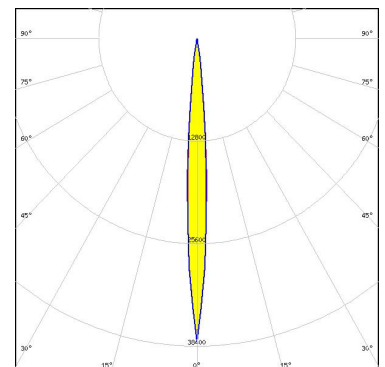
LED CLU7L3
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 85 %
 Peak intensity 46.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N



Light distribution files

CITIZEN

LED CLU7S3
 Ordering code CP18788_YASMEEN-70-RS-B2-WHT
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 93 %
 Peak intensity 37.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



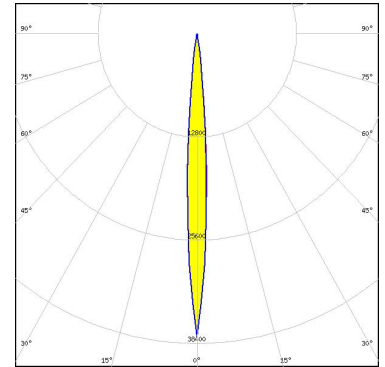
Bender Wirth: 667a Bayonet35

Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

LED CLU7S3
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 90 %
 Peak intensity 37.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

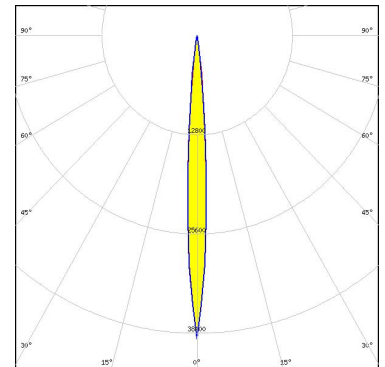


Bender Wirth: 667a Bayonet35

Light distribution files

CITIZEN

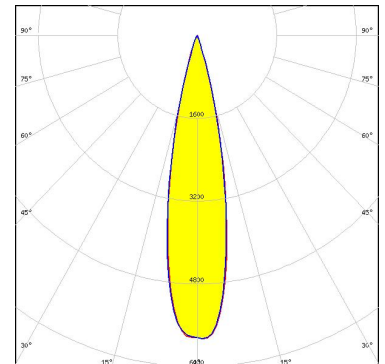
LED CLU7S3
 Ordering code CP18774_YASMEEN-70-RS-B2
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 87 %
 Peak intensity 39.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C19425_SOCKET-B-35-N



Light distribution files



LED CMA1840
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 22.0° / 36.0°
 Efficiency 89 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



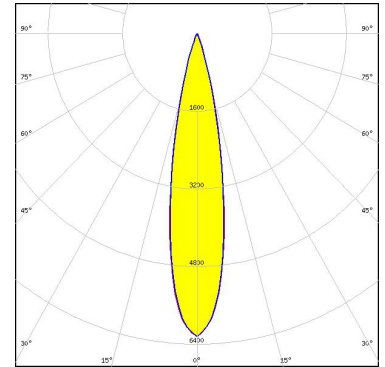
Bender Wirth: 637a Hekla

Light distribution files

OPTICAL RESULTS (SIMULATED):



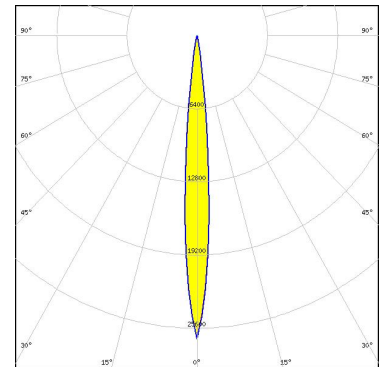
LED CMU15xx
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 20.0° / 36.0°
 Efficiency 89 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



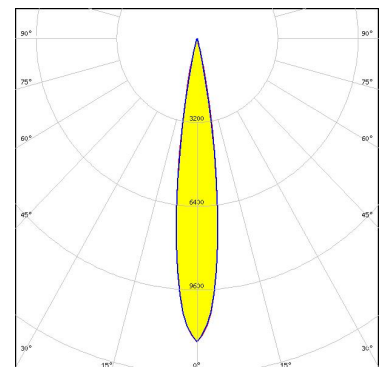
LED CXA/B 13xx
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 88 %
 Peak intensity 26.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17439_HEKLA-G2-J



Light distribution files



LED CxM-9 (13.5x13.5)
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C

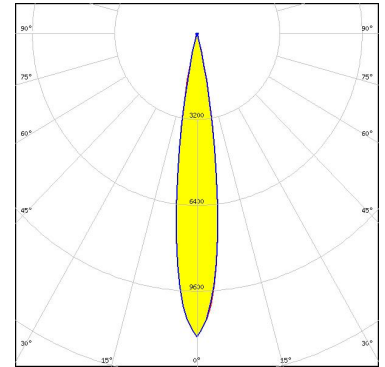


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

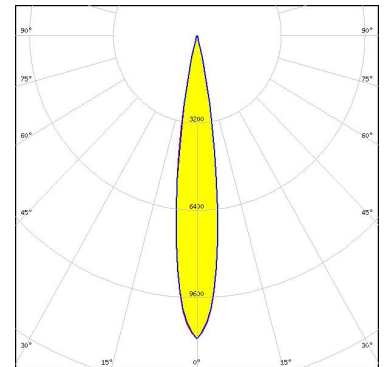
LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18579_YASMEEN-70-RS
FWHM / FWTM	16.0° / 26.0°
Efficiency	95 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18774_YASMEEN-70-RS-B2
FWHM / FWTM	16.0° / 26.0°
Efficiency	89 %
Peak intensity	11.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

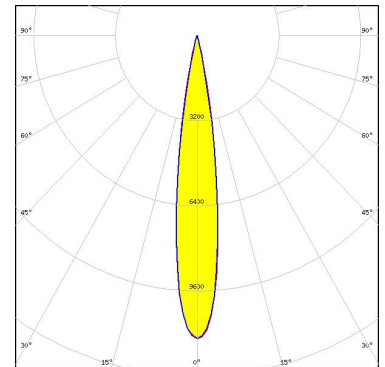


Light distribution files

BJB: 47.360.1020

SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	16.0° / 26.0°
Efficiency	88 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17435_HEKLA-G2-C

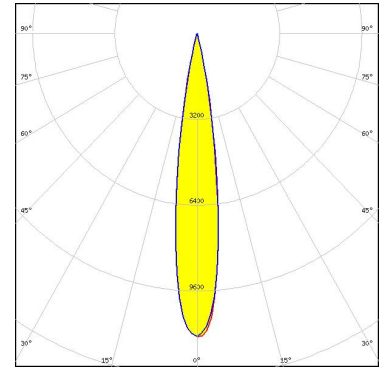


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

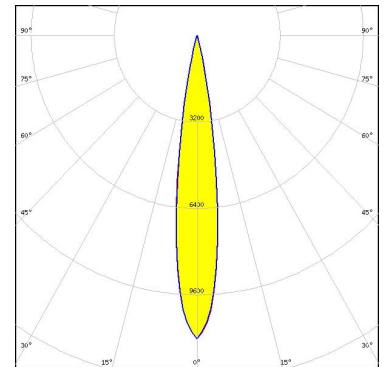
LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18767_YASMEEN-70-RS-C2
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

SAMSUNG

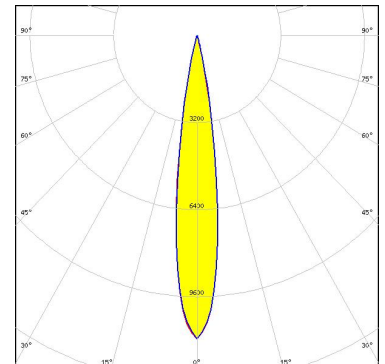
LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18781_YASMEEN-70-RS-C2-WHT
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 93 %
 Peak intensity 11.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17435_HEKLA-G2-C



Light distribution files

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 Ordering code CP18788_YASMEEN-70-RS-B2-WHT
 FWHM / FWTM 16.0° / 26.0°
 Efficiency 92 %
 Peak intensity 11.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



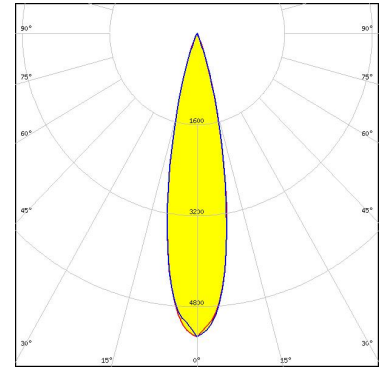
Light distribution files

BJB: 47.360.1020

OPTICAL RESULTS (SIMULATED):

SAMSUNG

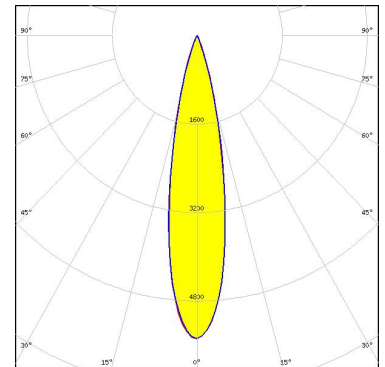
LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	88 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

SAMSUNG

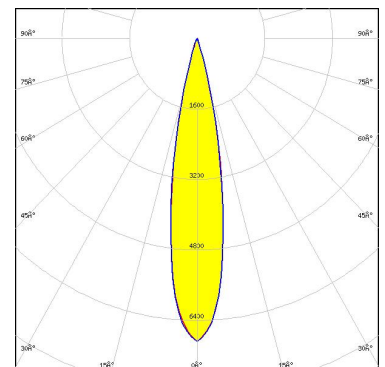
LED	LC016D / LC019D / LC026D / LC033D
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	22.0° / 38.0°
Efficiency	86 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

XICATO

LED	XOB 14.5 mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	20.0° / 34.0°
Efficiency	89 %
Peak intensity	6.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
	F17438_HEKLA-G2-I



Light distribution files

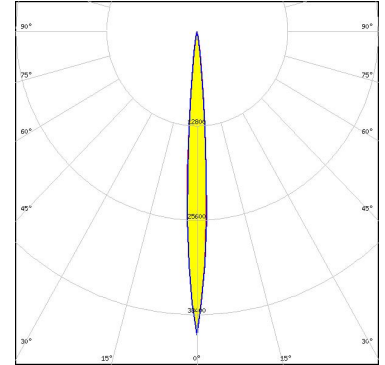
OPTICAL RESULTS (SIMULATED):

XICATO

LED	XOB 4mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	8.0° / 14.0°
Efficiency	91 %
Peak intensity	41.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634b Hekla

Light distribution files

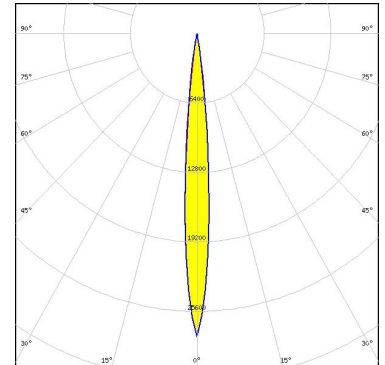


XICATO

LED	XOB 6 mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	10.0° / 18.0°
Efficiency	90 %
Peak intensity	27.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Bender Wirth: 634b Hekla

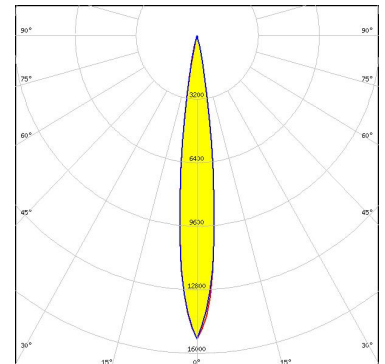
Light distribution files



XICATO

LED	XOB 9.8 mm
Ordering code	CP18767_YASMEEN-70-RS-C2
FWHM / FWTM	14.0° / 24.0°
Efficiency	90 %
Peak intensity	15.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	F17435_HEKLA-G2-C

Light distribution files



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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LEDiL Oy

Joensuunkatu 7
FI-24100 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

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Poznan, Poland
Hong Kong, China

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