

BROOKE-G2-M

 ${\sim}30^\circ$ medium beam compatible with LEDiL HEKLA.

SPECIFICATION:

Dimensions	Ø 45.0
Height	18.9 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Coating
BROOKE-G2-M	Reflector	PC	metal		HMDS

ORDERING INFORMATION:

Component

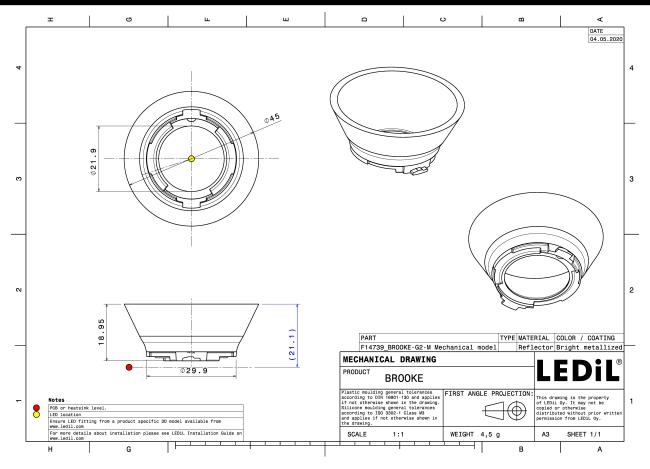
F14739_BROOKE-G2-M

Qty in box	MOQ	MPQ	Box weight (kg)
720	45	45	5.0

» Box size: 480 x 280 x 300 mm



PRODUCT DATASHEET F14739_BROOKE-G2-M

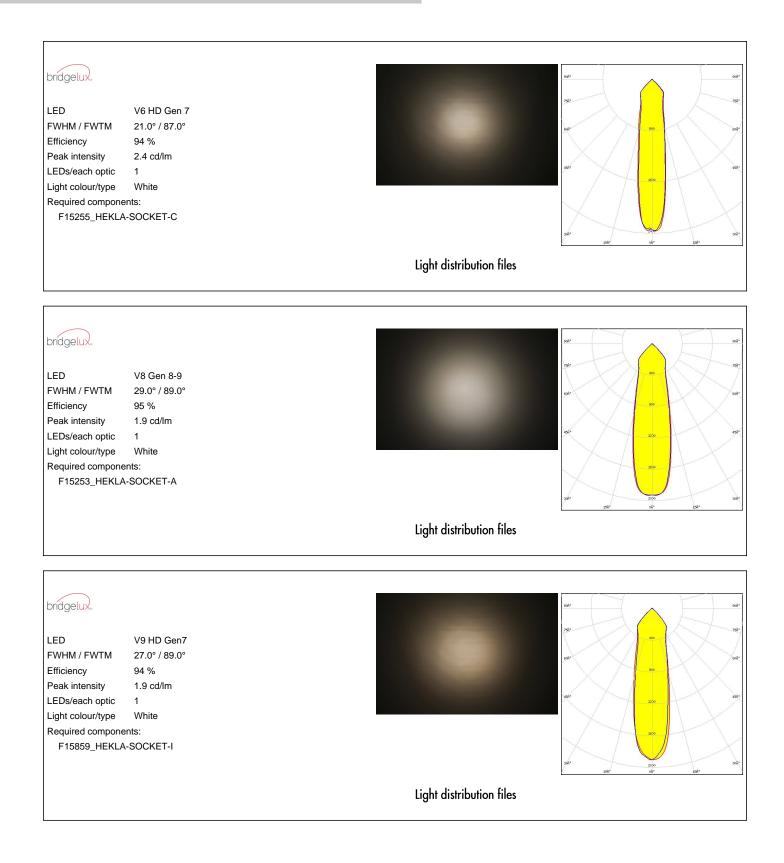


See also our general installation guide: <u>www.ledil.com/installation_guide</u>



bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required componen F15253_HEKLA: C14658_BARBA	-SOCKET-A	
		Light distribution files
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required componen F15253_HEKLA:		
		Light distribution files
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required componen F15255_HEKLA	-SOCKET-C	
C14658_BARBA	RA-RZ-LENS	Light distribution files







LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required componen F15859_HEKLA- C14658_BARBA	SOCKET-I		Light distribution files	90° 50° 50° 50° 50° 50° 50° 50° 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required componen F15616_HEKLA:			Light distribution files	
bridgetux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required componen C16142_HEKLA				100 100 100 100 100 100 100 100
			Light distribution files	1 154°, 64° 158°.

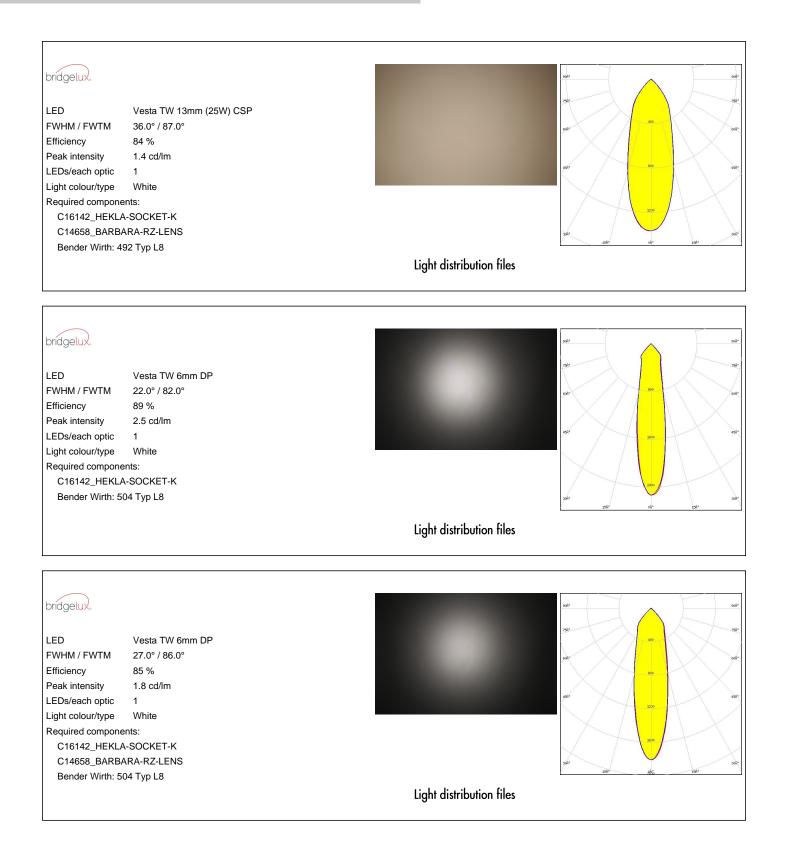


LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone C16142_HEKLA		
		Light distribution files
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone C16142_HEKLA Bender Wirth: 49	-SOCKET-K	Light distribution files
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone C16142_HEKLA C14658_BARBA Bender Wirth: 45	-SOCKET-K RA-RZ-LENS	Light distribution files

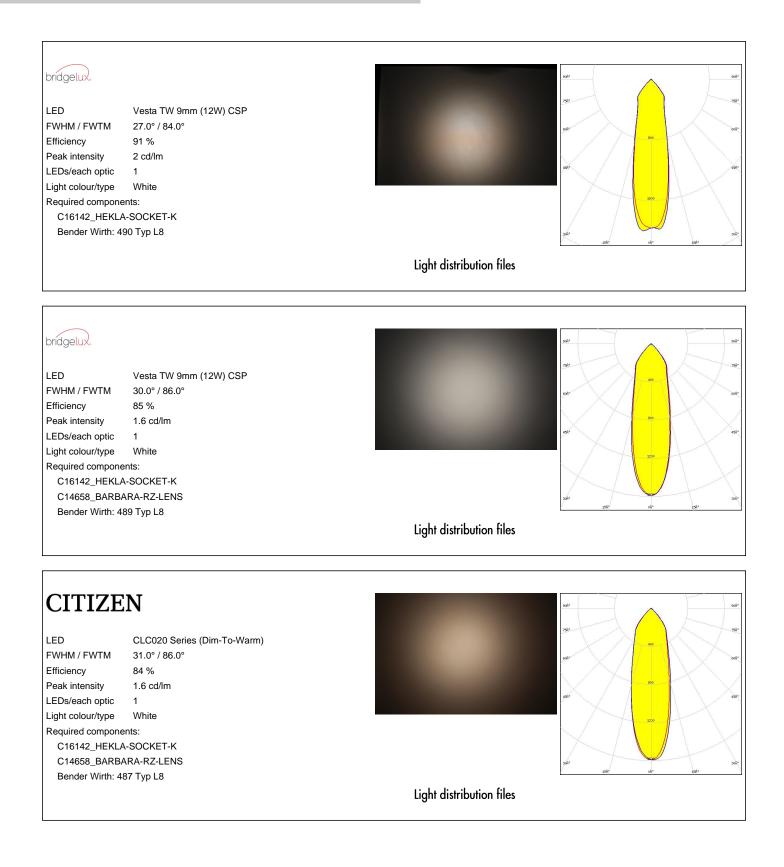


LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone C16142_HEKL4 Bender Wirth: 4	A-SOCKET-K	
		Light distribution files
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone C16142_HEKL4 C14658_BARB/ Bender Wirth: 4	A-SOCKET-K ARA-RZ-LENS	Fight distribution files
bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone C16142_HEKL4 C14658_BARB/ Bender Wirth: 4	A-SOCKET-K ARA-RZ-LENS	Image: state of the state



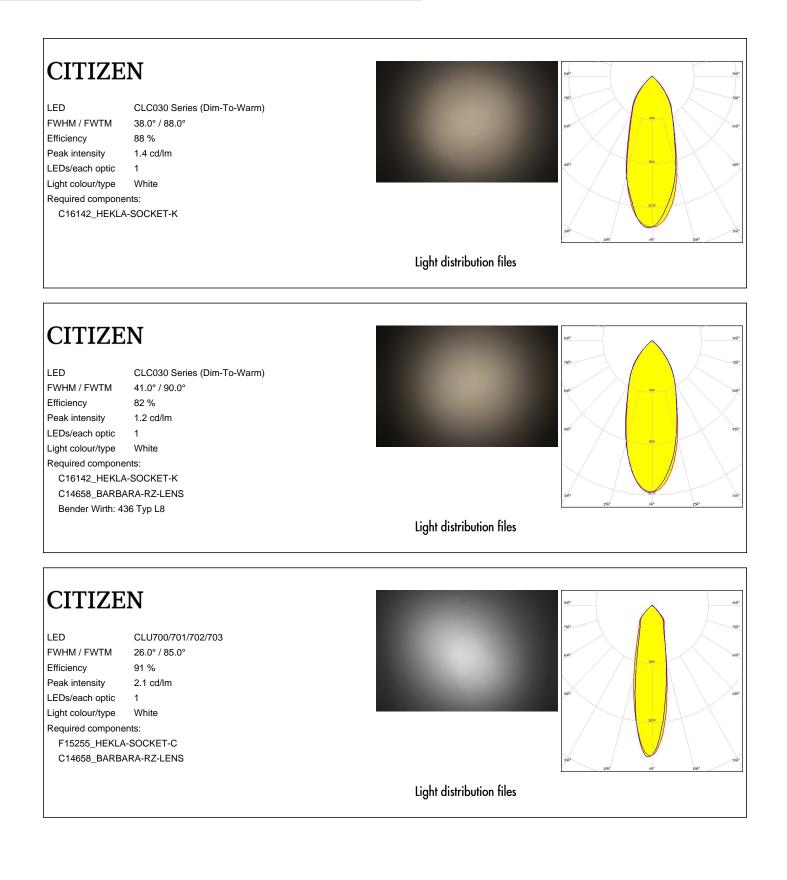




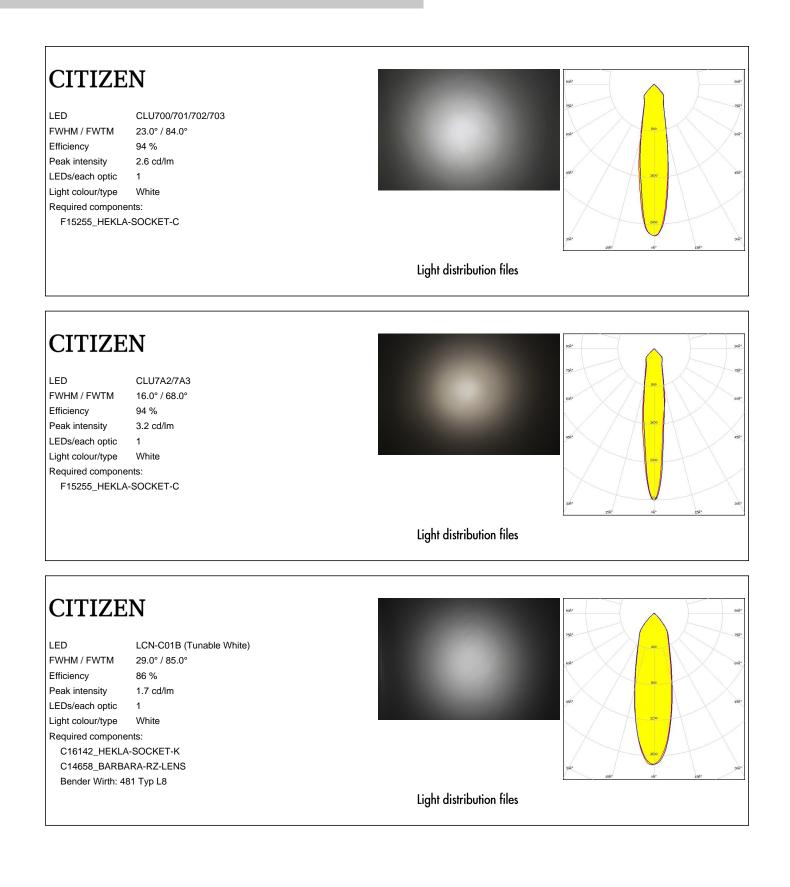


Last update: 16/04/2025Subject to change without prior noticePublished: 02/05/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.9/43

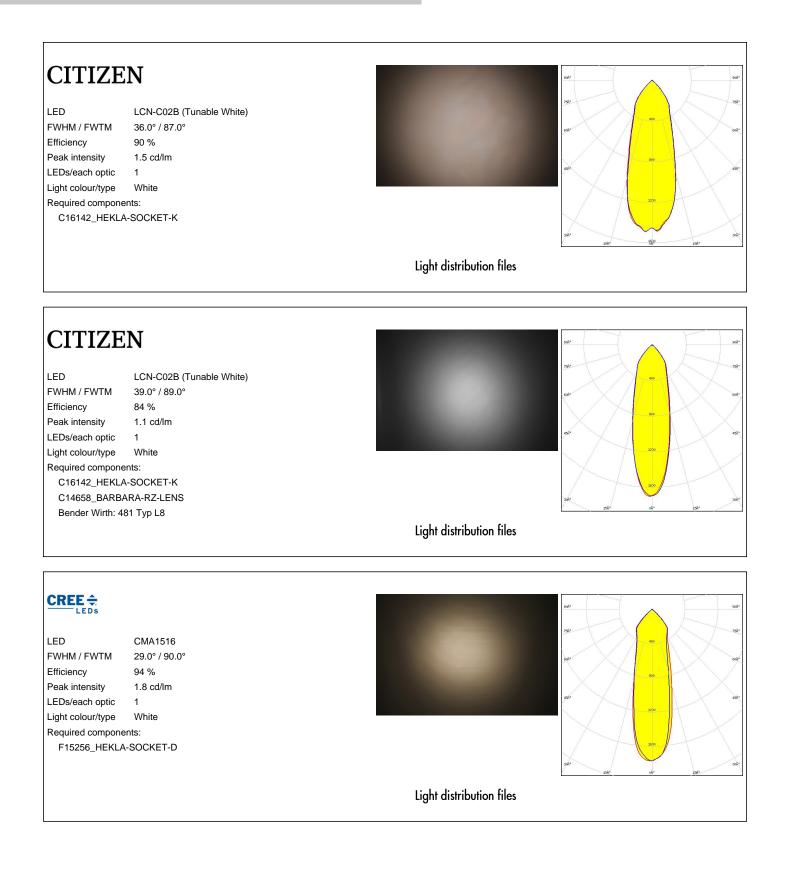




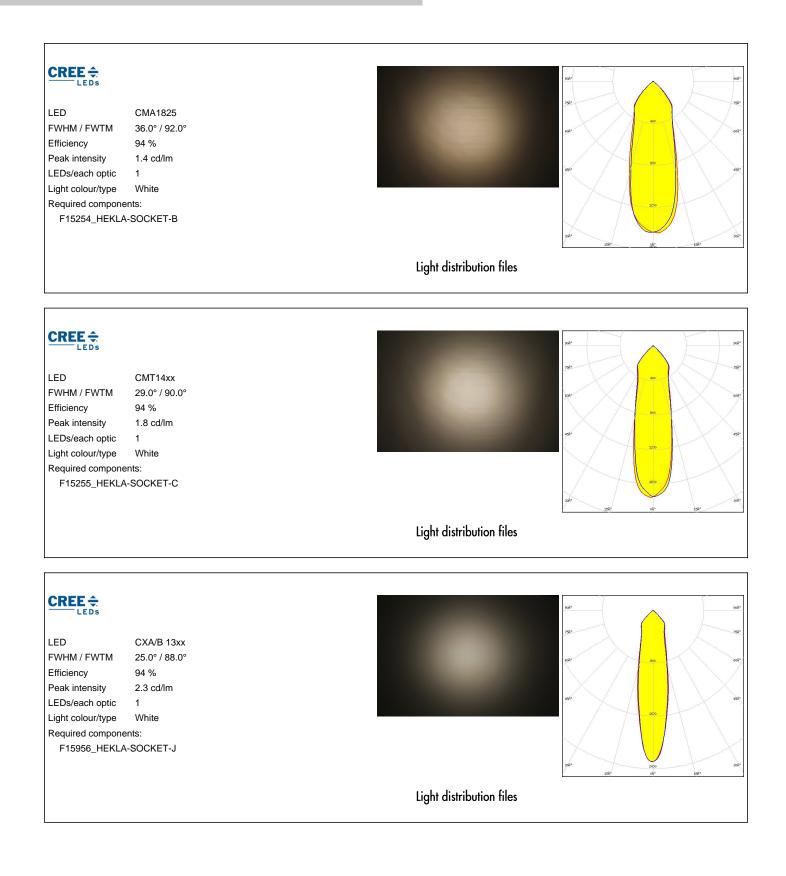




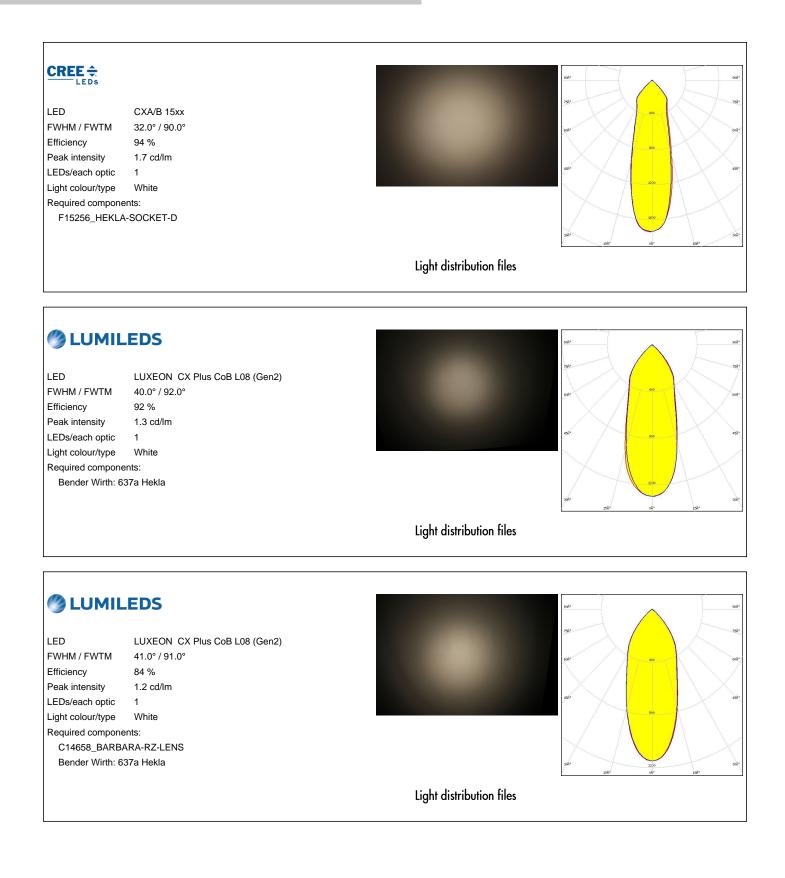




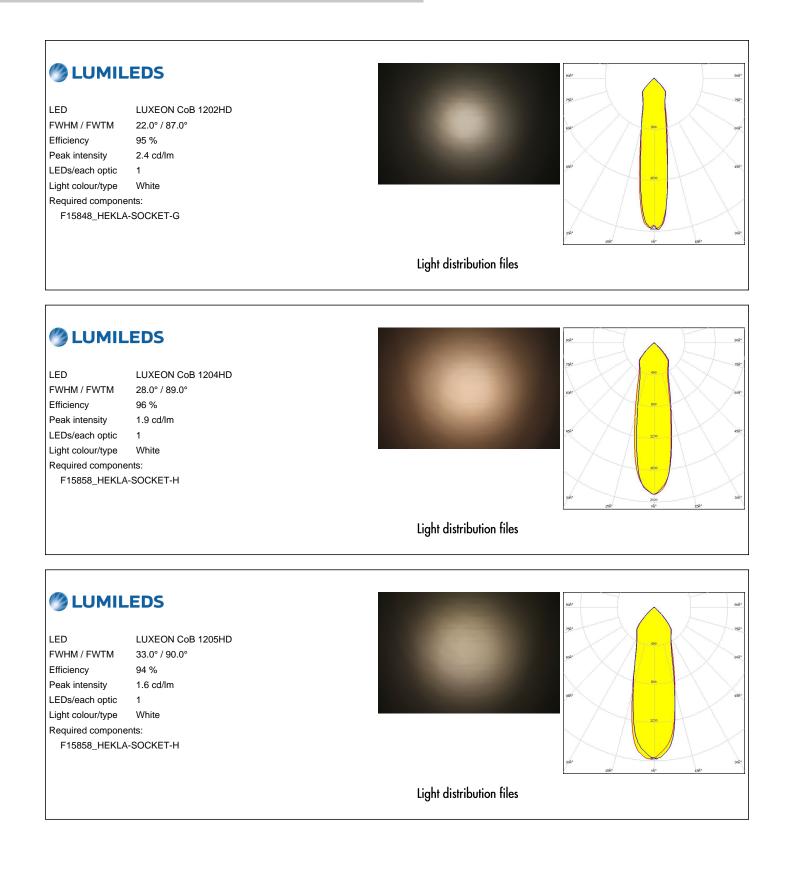




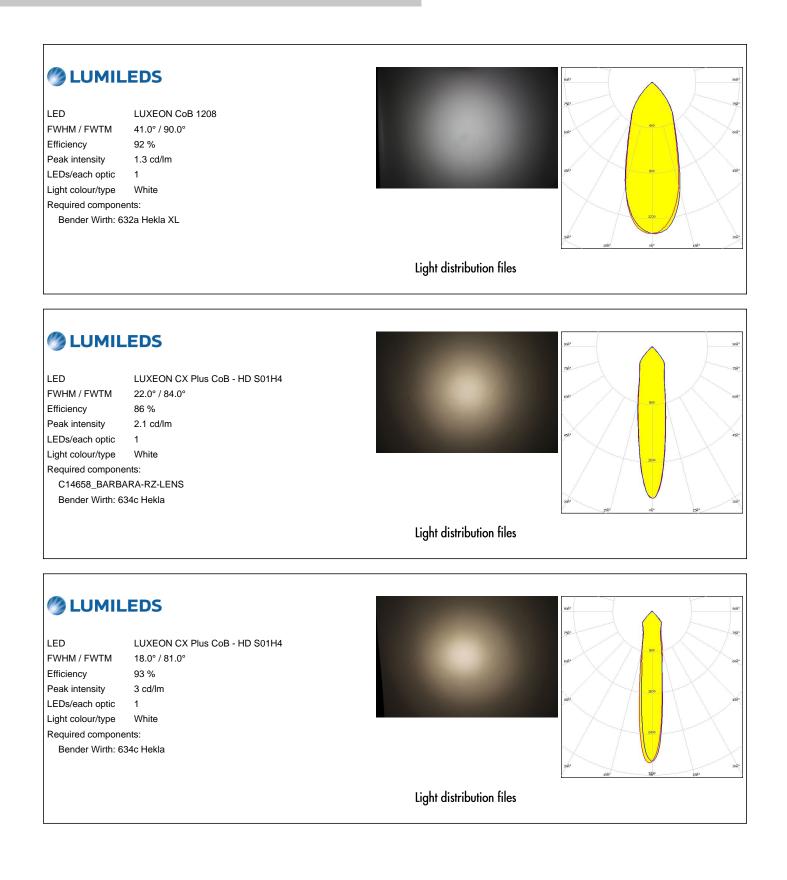




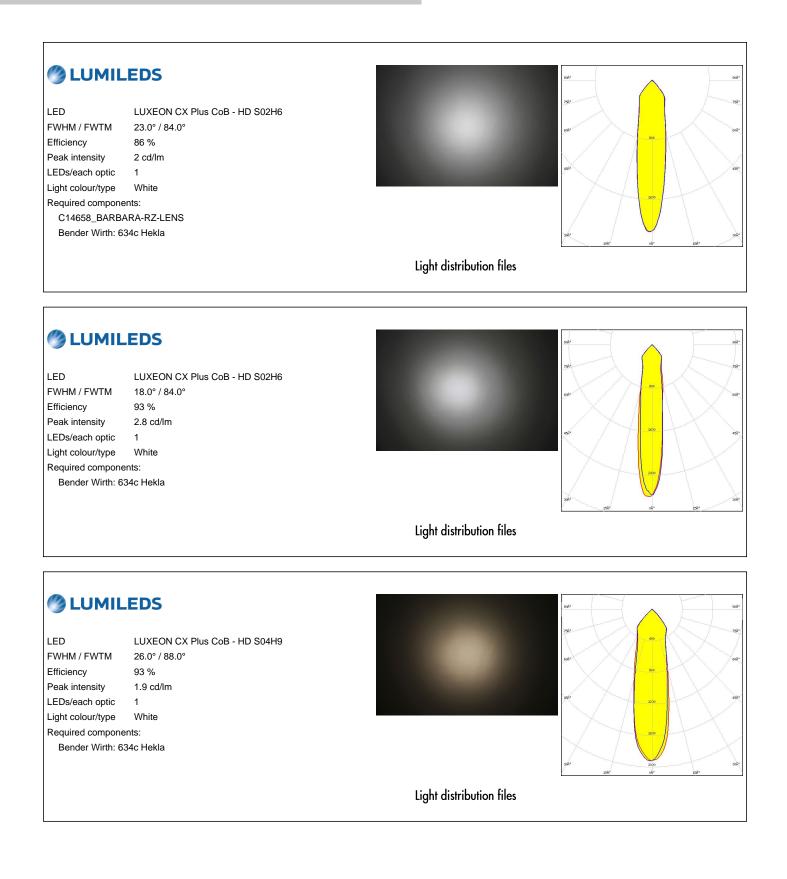




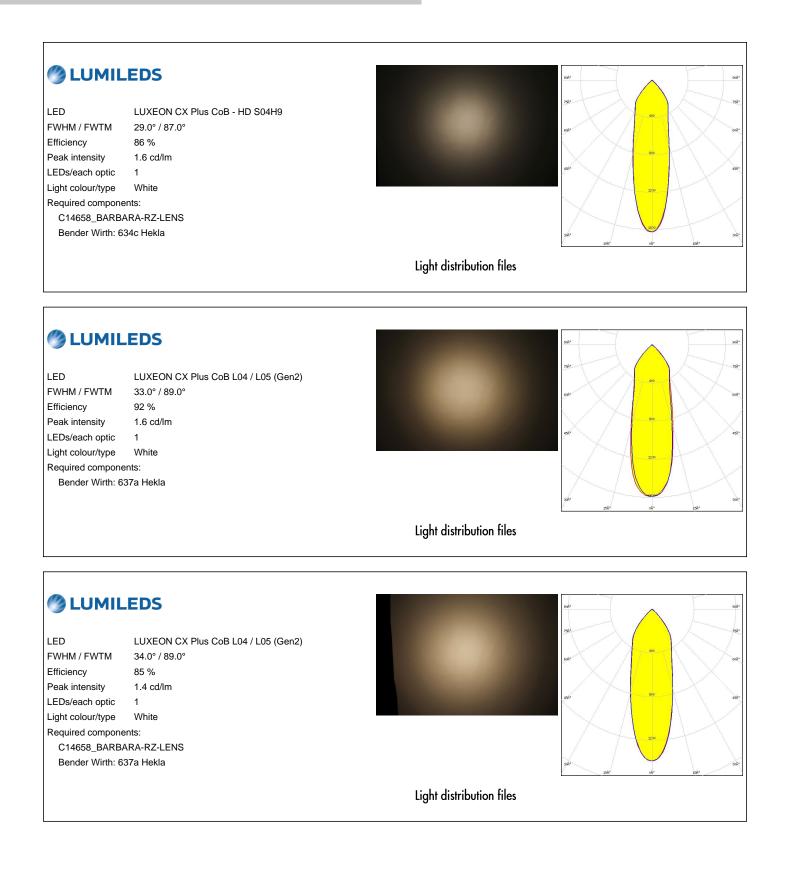




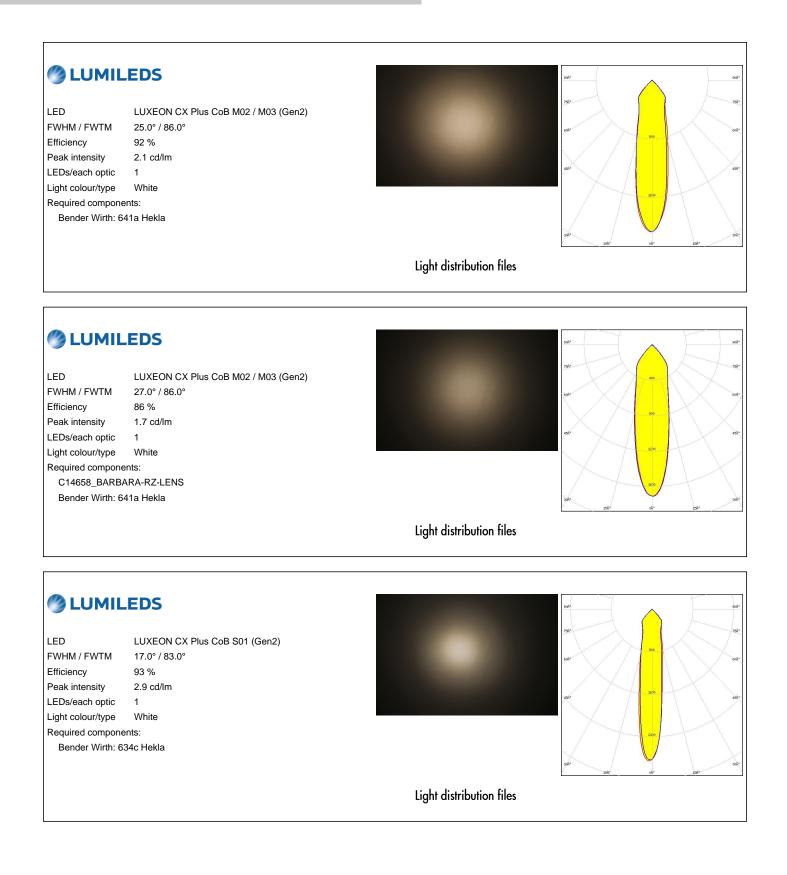




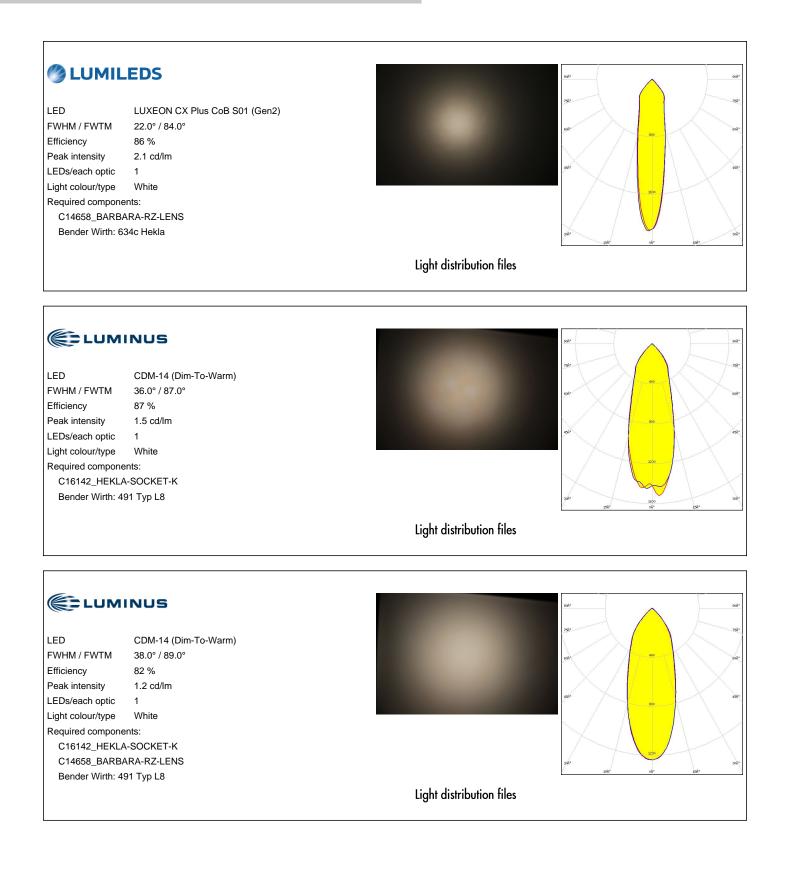




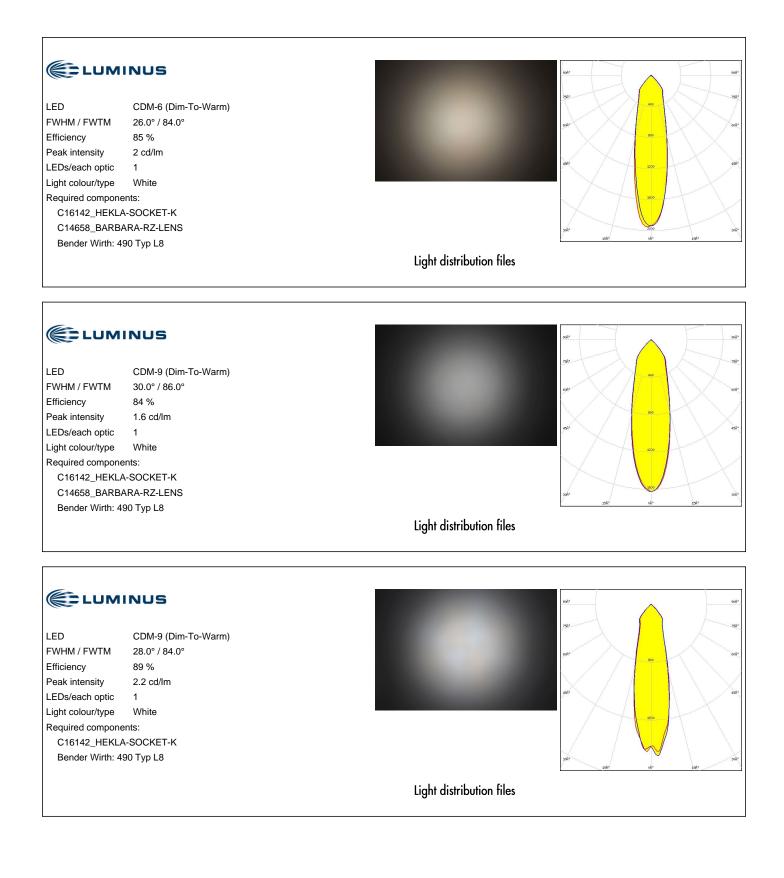




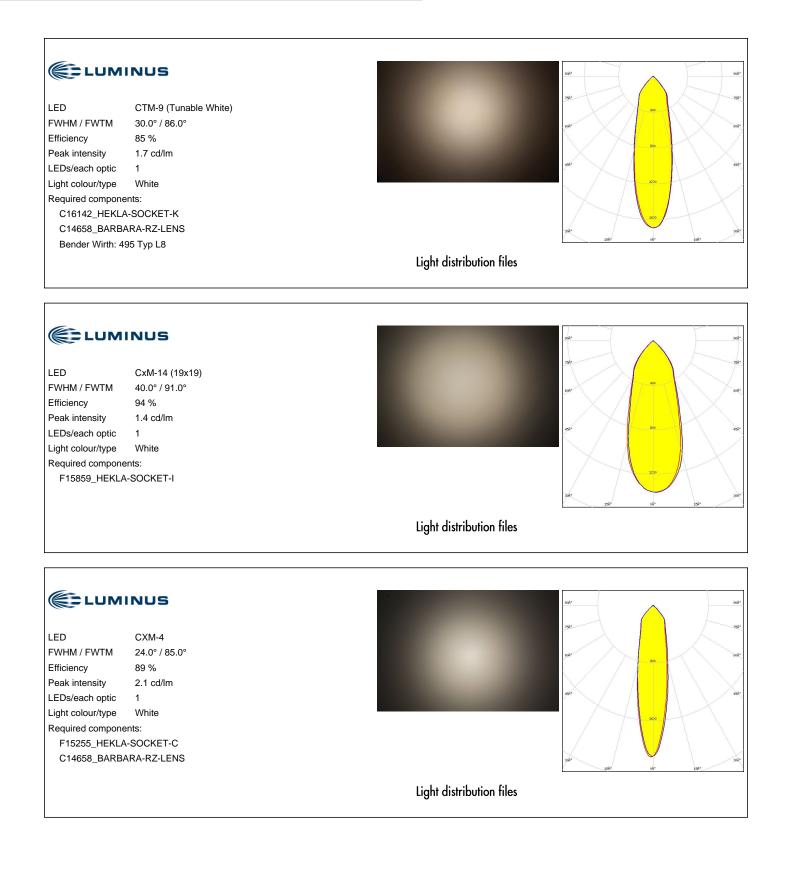




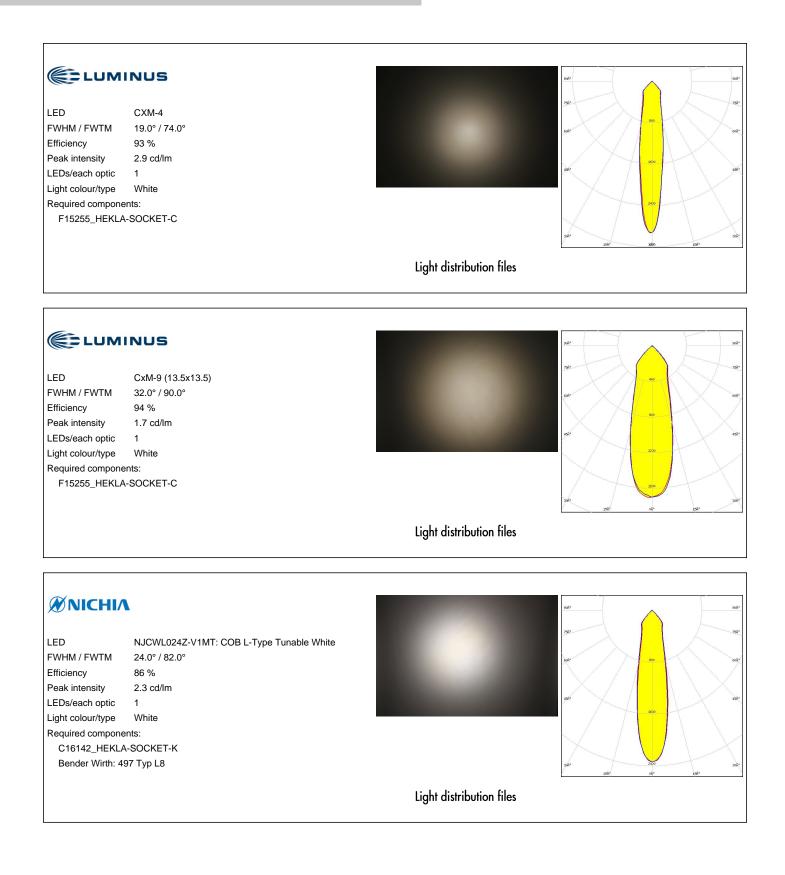












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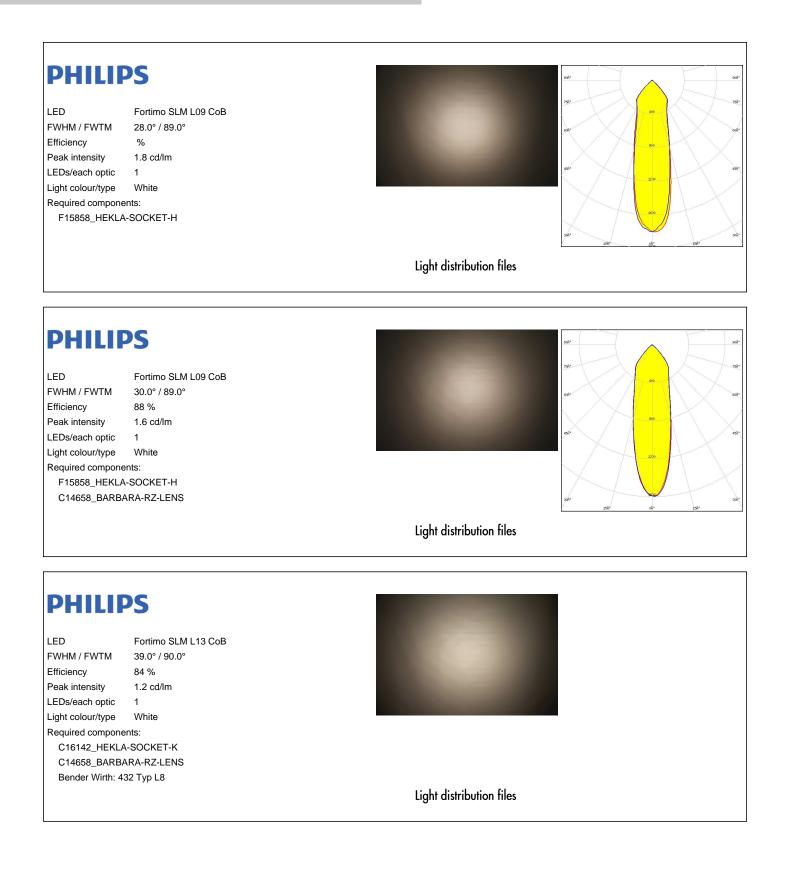


ΜΝΙCΗΙΛ NJCWL024Z-V1MT: COB L-Type Tunable White LED FWHM / FWTM 26.0° / 84.0° Efficiency 81 % Peak intensity 1.8 cd/lm LEDs/each optic 1 White Light colour/type Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 497 Typ L8 Light distribution files **ΜΝΙCΗΙΛ** LED NVCWJ024Z-V1MT: COB J-Type Tunable White FWHM / FWTM 43.0° / 92.0° Efficiency 84 % Peak intensity 1.1 cd/lm ans LEDs/each optic 1 Light colour/type White Required components: C16142_HEKLA-SOCKET-K C14658_BARBARA-RZ-LENS Bender Wirth: 498 Typ L8 Light distribution files **ΜΝΙCΗΙΛ** LED NVCWJ024Z-V1MT: COB J-Type Tunable White FWHM / FWTM 30.0° / 84.0° Efficiency 90 % Peak intensity 1.8 cd/lm LEDs/each optic 1

Light colour/type White Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 498 Typ L8

Light distribution files







PHILIPS

LED	Fortimo SLM L13 CoB			
FWHM / FWTM	36.0° / 89.0°			
Efficiency	89 %			
Peak intensity	1.4 cd/lm			
LEDs/each optic	1			
Light colour/type	White			
Required componen	ts:			
C16142_HEKLA-SOCKET-K				
Bender Wirth: 432	2 Typ L8			



Light distribution files

SAMSUNG

 LED
 LC003D / LC006D / LC009D / LC013D

 FWHM / FWTM
 28.0° / 87.0°

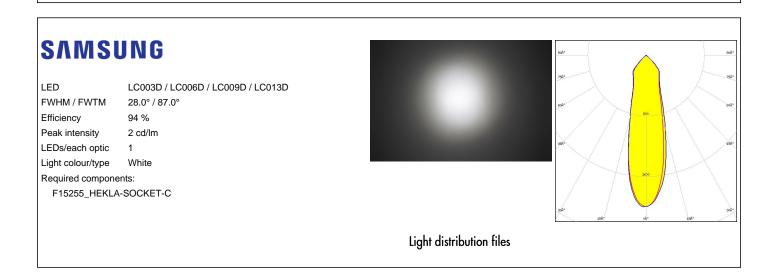
 Efficiency
 94 %

 Peak intensity
 2 cd/lm

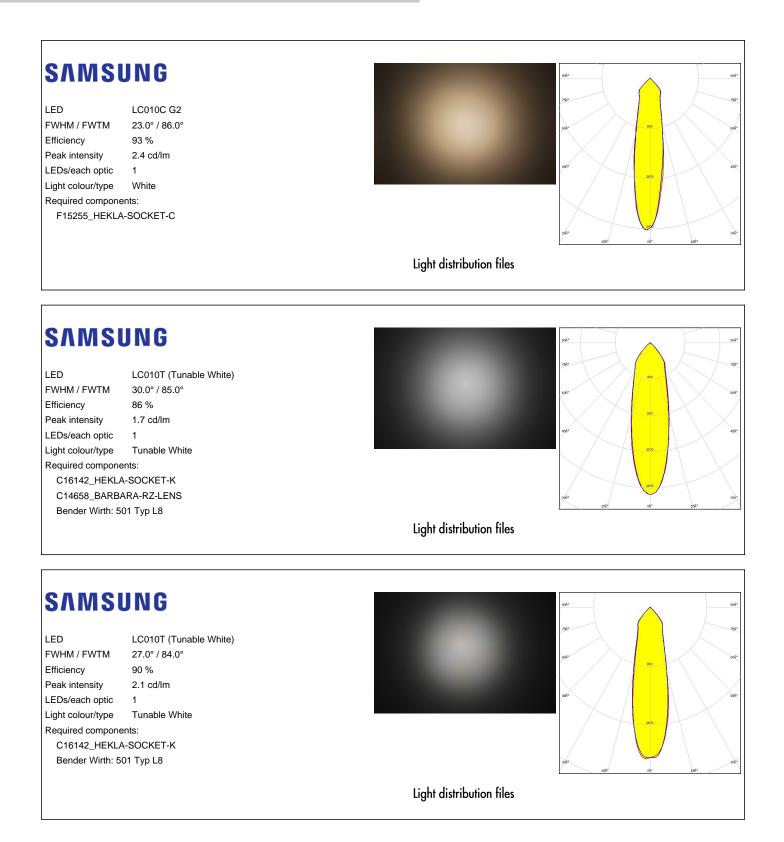
 LEDs/each optic
 1

 Light colour/type
 White

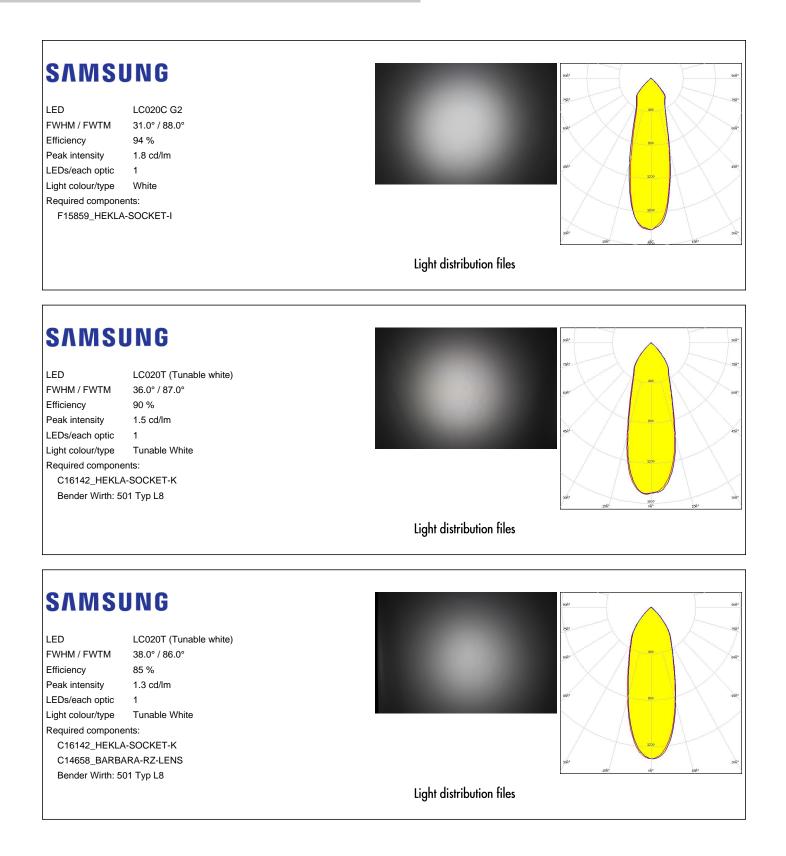
 Required components:
 F15255_HEKLA-SOCKET-C



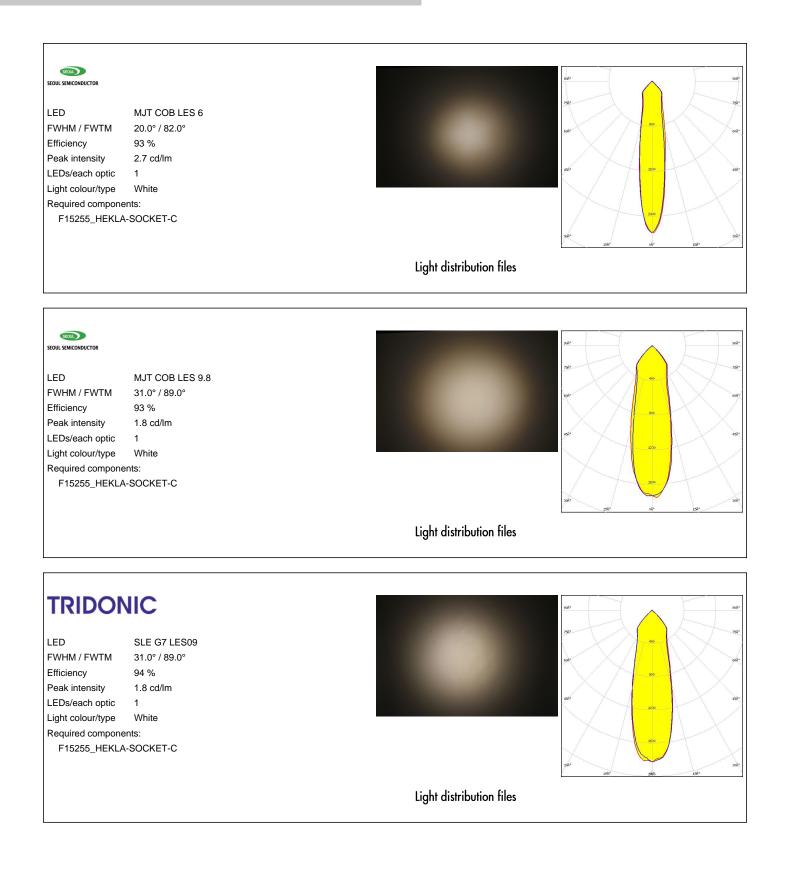






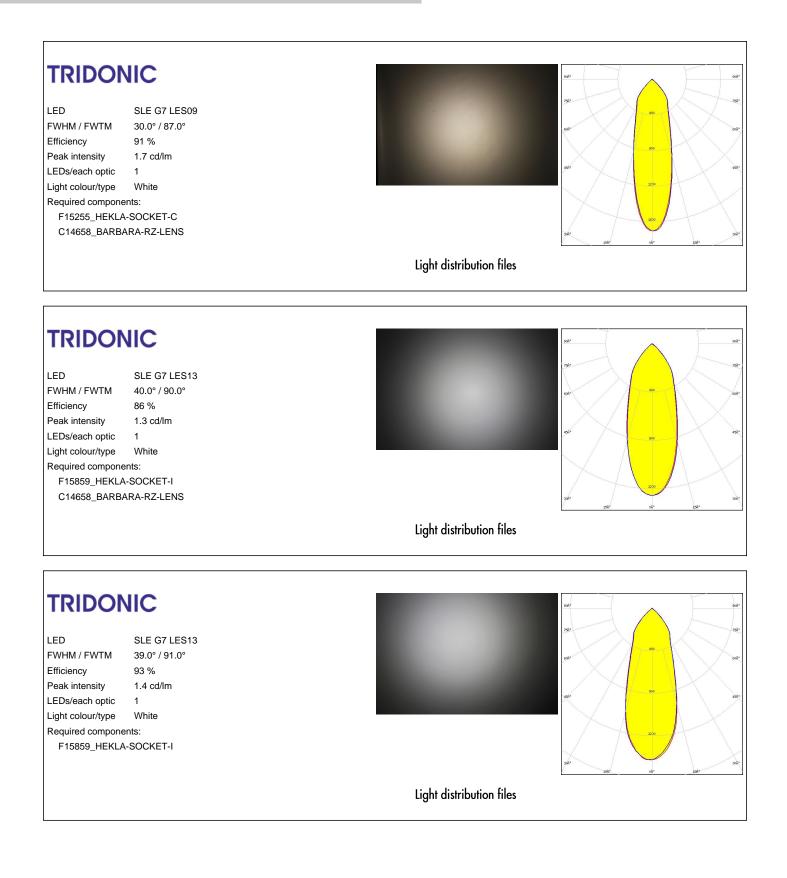




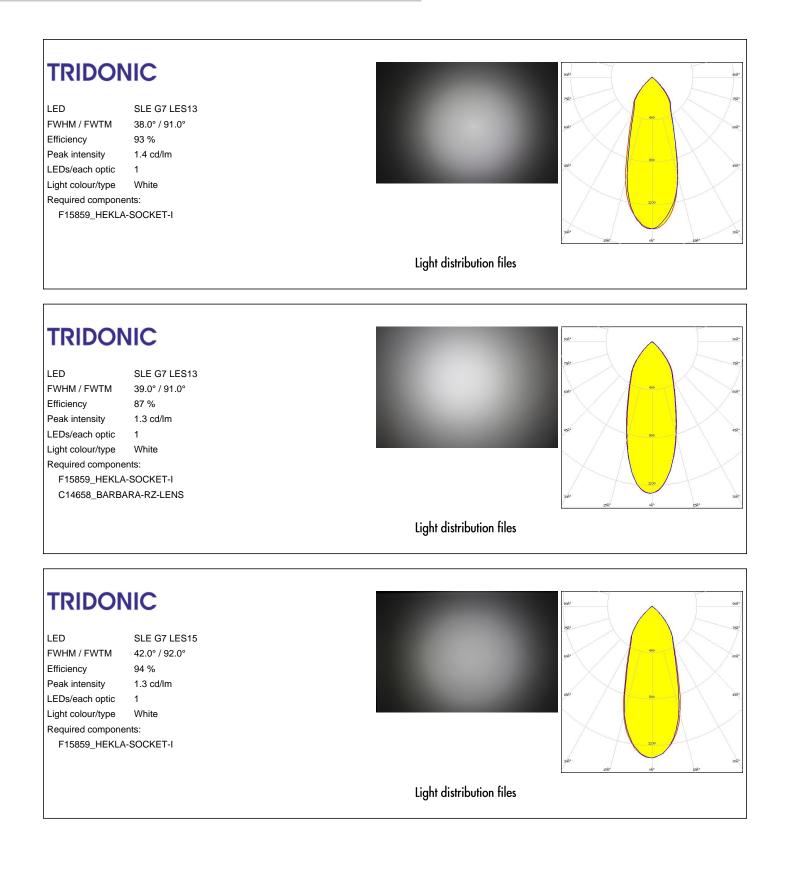


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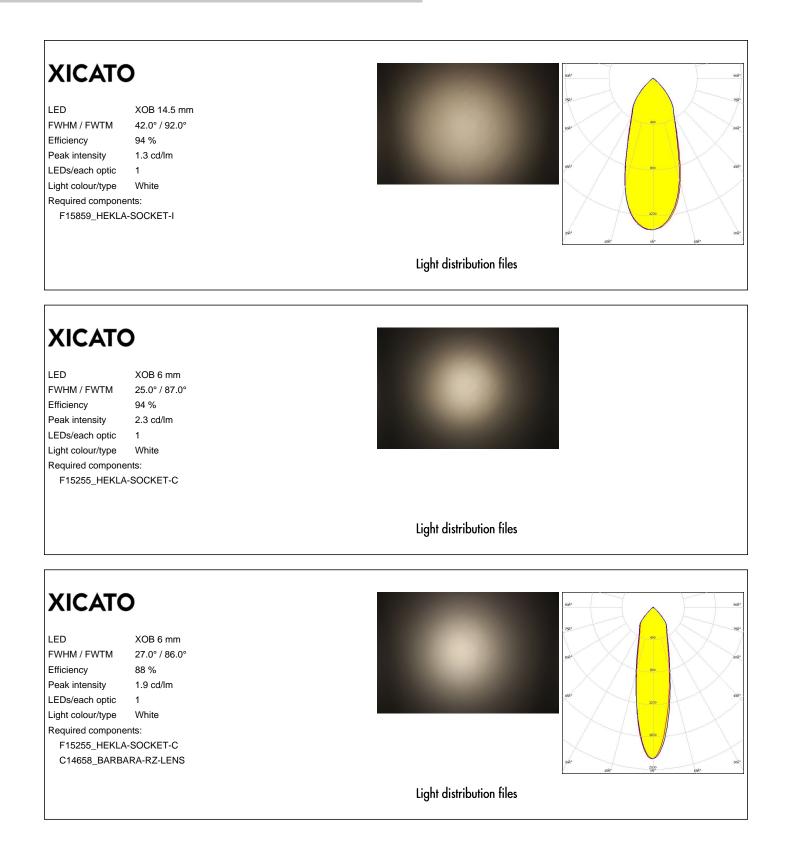




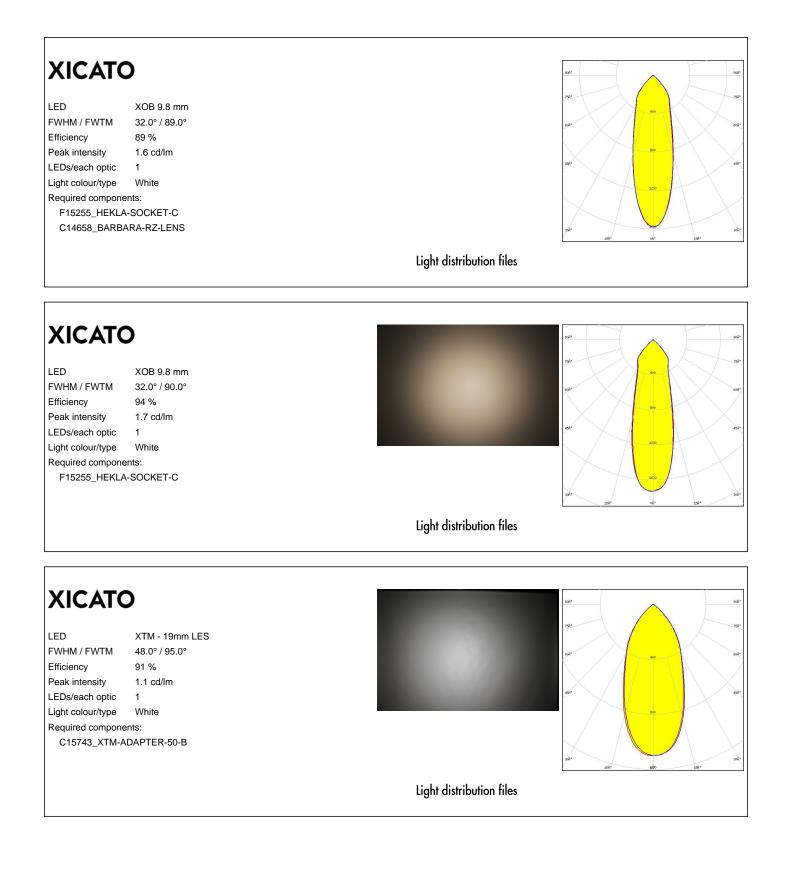














XICATO 90Å LED XTM - 9mm LES 28.0° / 90.0° FWHM / FWTM Efficiency 94 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: C15743_XTM-ADAPTER-50-B Light distribution files



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: F14988_HEKLA-SOC	V13 Gen6 28.0° / 80.0° 91 % 2.2 cd/lm 1 White CKET-E		Light distribution	files	5.51 ⁴ 792 6.64 6.64 6.64 6.64 7.55 7. 7.55 7. 7.55 7. 7.55 7. 7.55	500 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components: F15253_HEKLA-SOC	V8 Gen6 25.0° 0 % 1 White CKET-A					
bridgelux. LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components: F15253_HEKLA-SOC	V8 Gen6 25.0° % 1 White CKET-A					

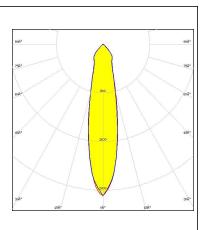


bridgelux.			*#2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components F15253_HEKLA-S0			752 68 63 50 50 500 200 200
		Light distribution files	and and the second s
bridgelux.			*800
LED	VERO10		780
FWHM / FWTM	20.0° / 66.0°		
Efficiency	86 %		504
Peak intensity	2.9 cd/lm		1600
LEDs/each optic	1		96°
Light colour/type	White		
Required components			2430
F15616_HEKLA-SO			
C14658_BARBARA	A-RZ-LENS		30 ²⁰ 15 ²⁰ (9 ¹ ₀ 15 ²⁰
		Light distribution files	
brídgeluX.			760 790
LED	Vesta TW 9mm (9W) DP		
FWHM / FWTM	28.0° / 84.0°		60k*
Efficiency	87 %		
Peak intensity	2 cd/lm		98t 1200
LEDs/each optic	1 White		
Light colour/type			10%
Required components:			
	JONET IN		
C16142_HEKLA-S C14658_BARBAR	A-RZ-LENS		30Å* 15Å7 0Å* 15Å*



CITIZEN

LED	CLU02x (LES10)			
FWHM / FWTM	22.0° / 76.0°			
Efficiency	86 %			
Peak intensity	2.5 cd/lm			
LEDs/each optic	1			
Light colour/type	White			
Required components:				
F15255_HEKLA-SOCKET-C				
C14658_BARBARA-R	Z-LENS			



Light distribution files

CITIZEN CLU02x (LES10) I FD FWHM / FWTM 26.0° Efficiency 0% LEDs/each optic 1 Light colour/type White Required components: F15255_HEKLA-SOCKET-C **CITIZEN** CLU02x (LES10) LED FWHM / FWTM 26.0° / 81.0° Efficiency 92 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: F15255_HEKLA-SOCKET-C Light distribution files



CITIZEN

LED	CLU02x (LES10)			
FWHM / FWTM	26.0° / 78.0°			
Efficiency	%			
LEDs/each optic	1			
Light colour/type	White			
Required components:				
F15255_HEKLA-SOC	KET-C			

CITIZEN

 LED
 CLU03x

 FWHM / FWTM
 36.0° / 87.0°

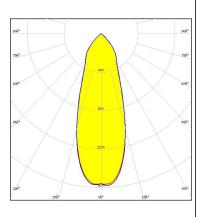
 Efficiency
 93 %

 Peak intensity
 1.6 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

CREE \$ LEDS	
LED	CXA/B 15xx
FWHM / FWTM	25.0°
Efficiency	0 %
LEDs/each optic	1
Light colour/type	White
Required components	:
F15256_HEKLA-SO	OCKET-D

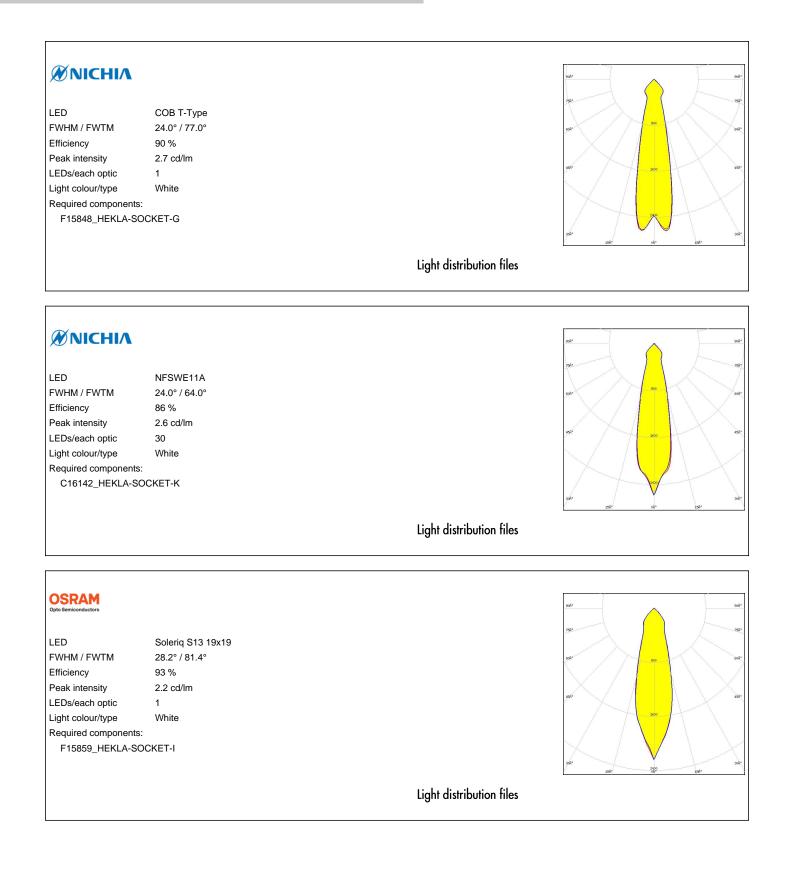


CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: F15256_HEKLA-SOU	CXA/B 15xx 24.0° / 76.0° 91 % 2.8 cd/lm 1 White CKET-D		200 - 100 - 10
		Light distribution files	
CREE ÷			
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components: F15254_HEKLA-SOU	CXA/B 1816 & CXA/B 1820 & CXA 1850 31.0° 0 % 1 White CKET-B		
CREE 🚖			
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components: F15254_HEKLA-SO	CXA/B 1816 & CXA/B 1820 & CXA 1850 31.0° % 1 White		



	NUS		56
LED	CxM-6 (13.5x13.5)		758*
FWHM / FWTM	22.0° / 56.0°		ester est
Efficiency	93 %		
Peak intensity	3.1 cd/lm		1630 1637
LEDs/each optic	1		
Light colour/type	White		2430
Required components			
F17435_HEKLA-G	i2-C		36 ⁸ * 15 ⁶ 500 50
		Light distribution files	
MICHIΛ			9Å*9
			7582
LED	COB L-Type (LES 11)		
FWHM / FWTM	28.0° / 82.0°		66Å* 000 6
Efficiency	93 %		
Peak intensity	2.2 cd/lm		
LEDs/each optic	1		
Light colour/type	White		-1630
Required components			
F15858_HEKLA-S	OCKET-H		9%c 9%c
		Light distribution files	
Ø ΝΙCΗΙΛ			96 ⁸ * 50
			7567
	COB L-Type (LES 9)		
FWHM / FWTM	26.0° / 80.0° 93 %		
Efficiency Peak intensity	93 % 2.5 cd/lm		
LEDs/each optic	2.5 co/im 1		45Å* 1630
Light colour/type	White		
Required components			
F15858_HEKLA-S			364
		Light distribution files	1 1087 OF 1258°







OSRAM Opto Semiconductors			ade
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required component F15255_HEKLA-S			798 604 500 100 100
			138/ o4° i58°
		Light distribution files	
SVWSN	NG	Light distribution files	94 ⁴
	NG LC016D / LC019D / LC026D / LC033D	Light distribution files	96 ² 792
LED		Light distribution files	762
LED FWHM / FWTM	LC016D / LC019D / LC026D / LC033D	Light distribution files	750
LED FWHM / FWTM Efficiency Peak intensity	LC016D / LC019D / LC026D / LC033D 35.0° / 86.5°	Light distribution files	75%* 66%* 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC016D / LC019D / LC026D / LC033D 35.0° / 86.5° 88 % 1.6 cd/lm 1	Light distribution files	794* 694* 000
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	LC016D / LC019D / LC026D / LC033D 35.0° / 86.5° 88 % 1.6 cd/lm 1 White	Light distribution files	750 6xi
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC016D / LC019D / LC026D / LC033D 35.0° / 86.5° 88 % 1.6 cd/lm 1 White	Light distribution files	7981 694 500



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 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

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