

PRODUCT DATASHEET AMY-70-WAS

AMY-70-WAS

Asymmetric beam for wall-washing

SPECIFICATION:

Dimensions	Ø 69.9
Height	11.8 mm
Fastening	socket
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
AMY-70-WAS	Single lens	PMMA	clear		
AMY-70-HLD2-C-ASYM	Holder C	PC	black		
AMY-70-HLD2-B-ASYM	Holder B	PC	black		
AMY-70-HLD2-C-WHT-ASYM	Holder C	PC	white		
AMY-70-HLD2-B-WHT-ASYM	Holder B	PC	white		
AMY-70-HLD2-B50-ASYM	Holder B	PC	black		
AMY-70-HLD2-B50-WHT-ASYM	Holder B	PC	white		

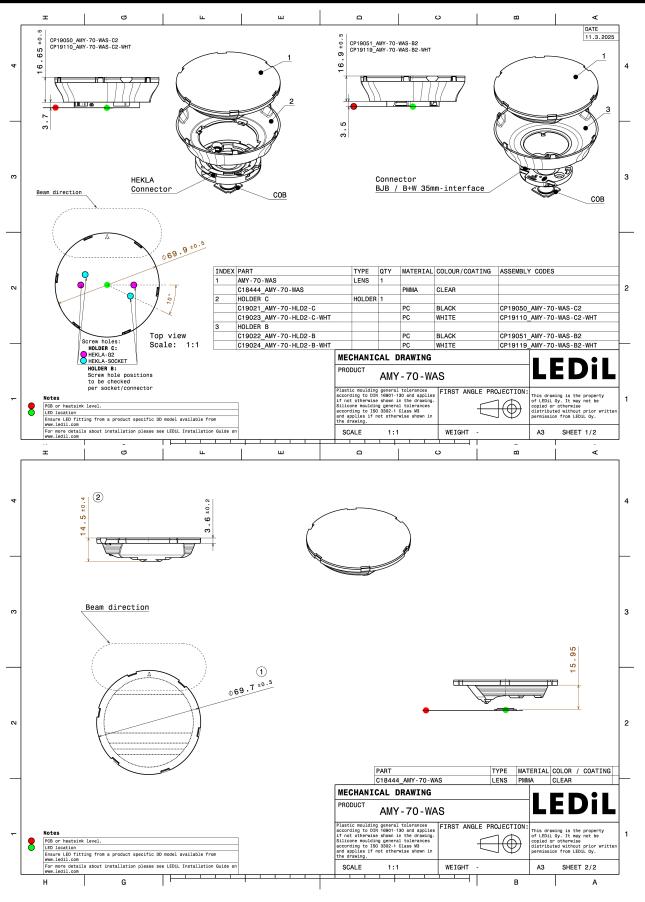


ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18444_AMY-70-WAS	285	285	15	10.6
Assembly				
CP19658_AMY-70-WAS-B50-WHT	210	210	15	9.3
CP19650_AMY-70-WAS-B50	210	210	15	9.3
CP19119_AMY-70-WAS-B2-WHT	210	210	15	9.6
CP19110_AMY-70-WAS-C2-WHT	210	210	15	9.5
CP19051_AMY-70-WAS-B2	210	210	15	9.6
CP19050_AMY-70-WAS-C2	210	210	15	9.3



PRODUCT DATASHEET AMY-70-WAS



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

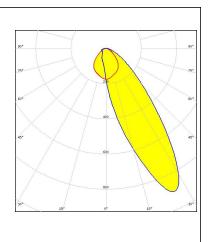
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OPTICAL RESULTS (MEASURED):

PHILIPS

LED	Fortimo SLM C TW L09A 1919 G7N		
Ordering code	CP19050_AMY-70-WAS-C2		
FWHM / FWTM	Asymmetric		
Efficiency	78 %		
Peak intensity	0.9 cd/lm		
LEDs/each optic	1		
Light colour/type	Tunable White		
Required componen	ts:		
C16142_HEKLA-SOCKET-K			
Bender Wirth: 501	I Тур L8		



Light distribution files

SAMSUNG LED LC016D / LC019D / LC026D / LC033D Ordering code CP19050_AMY-70-WAS-C2 FWHM / FWTM Asymmetric Efficiency 76 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: F17438_HEKLA-G2-I Light distribution files



		Light distribution files	
F15255_HEKLA-S0	DCKET-C		20° 23 ⁵ 0° 13°
Required components			1200
Light colour/type	White		
LEDs/each optic	1		
Peak intensity	1.3 cd/lm		45* 000
Efficiency	85 %		
FWHM / FWTM	Asymmetric		60°
LED Ordering code	V6 HD Gen 8 CP19050_AMY-70-WAS-C2		400
LED	V6 HD Gen 8		70 hp
bridgelux.			90°
		Light distribution files	
F15253_HEKLA-SO			30°. 135° 0° 15°
Required components			12200
Light colour/type	White		
LEDs/each optic	1		
Peak intensity	oo ‰ 1.4 cd/lm		45* 000
Efficiency	Asymmetric 86 %		
Ordering code FWHM / FWTM	CP19050_AMY-70-WAS-C2 Asymmetric		504
LED Ordoring codo	V3 HD Gen 8 CP19050 AMX 70 WAS C2		400
			The light
bridgelux.			9°
Bender Wirth: 639b) Hekla XL	Light distribution files	
Required components	ï	tinka diasikasian film	30* <u>10</u> * <u>10</u> *
Light colour/type	White		\times / \wedge .
LEDs/each optic	1		60
Peak intensity	0.7 cd/lm		
Efficiency	78 %		
FWHM / FWTM	Asymmetric		
Ordering code	CP19050_AMY-70-WAS-C2		
LED	V18 Gen 8-9		60°

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LED	V6 HD Gen 8		
Ordering code	CP19050_AMY-70-WAS-C2		
FWHM / FWTM	Asymmetric		
Efficiency	84 %		
Peak intensity	1.4 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required component	3:		
Bender Wirth: 634	c Hekla	Light distribution files	
bridgelux.			
0			
			754
LED	V9 HD Gen 8		
	CP19050_AMY-70-WAS-C2		60* 400
FWHM / FWTM	Asymmetric		
Efficiency	84 %		55*
Peak intensity	1.2 cd/lm		840
LEDs/each optic	1		
Light colour/type	White		
Required component F15859_HEKLA-S			30* 1230
		Light distribution files	25 ⁴ 0 ⁴ 23 ⁴
bridgelux.			-102
LED	VERO10		75%*
Ordering code FWHM / FWTM	CP19050_AMY-70-WAS-C2		50%*
Efficiency	Asymmetric 84 %		
Peak intensity	84 % 1.2 cd/lm		
a can interiory	1.2 ca/im 1		200
EDs/each ontic	ı White		
Light colour/type			
LEDs/each optic Light colour/type Required component F15616_HEKLA-S			308* 1200 198°

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bridgelux LED VFRO18 CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 81 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: C16142_HEKLA-SOCKET-K Light distribution files bridgelux Vesta DTW 6mm LED CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Bender Wirth: 652b Hekla bridgelux Vesta SE 13mm TW LED Ordering code CP19050_AMY-70-WAS-C2 FWHM / FWTM Asymmetric Efficiency 79 % 1 cd/lm 458 Peak intensity LEDs/each optic 1 Tunable White Light colour/type Required components: C16142_HEKLA-SOCKET-K Light distribution files

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bridgelux.			50°
			70
LED	Vesta TW 13mm (18W) DP		
Ordering code	CP19050_AMY-70-WAS-C2		5.04
FWHM / FWTM	Asymmetric		400
Efficiency	82 %		
Peak intensity	1 cd/lm		ast line and
LEDs/each optic	1		
Light colour/type	White		200
Required component			
C16142_HEKLA-S	SOCKET-K		30* 15 ⁵ 0* 10*
		Light distribution files	
Bender Wirth: 492	Тур L8		
bridgelux.			50°
LED	Vesta TW 15mm DP		750
Ordering code	CP19050_AMY-70-WAS-C2		
FWHM / FWTM	Asymmetric		50°
Efficiency	82 %		400
Peak intensity	0.2 % 0.8 cd/lm		467
LEDs/each optic	1		600
Light colour/type	ı White		
Required component			
C16142_HEKLA-S			20-
		Light distribution files	23, 0, 10,
Deve de la Milada y 400	Turcho	Light distribution mes	
Bender Wirth: 482	Тур L8		
bridgelux.			8*
			60
LED	Vesta TW 9mm (9W) DP		23*
Ordering code	CP19050_AMY-70-WAS-C2		
FWHM / FWTM	Asymmetric		400
Efficiency	83 %		
Peak intensity	0.9 cd/lm		45* 610
LEDs/each optic	1		
Light colour/type	White		800
Required component	S:		\times / \square \land \square
C16142_HEKLA-S			30* 15 ⁵ 0 ⁶ 15*
		Light distribution files	
Bender Wirth: 489	Turo I 9	0	
Bender Wirth: 489	тур цо		

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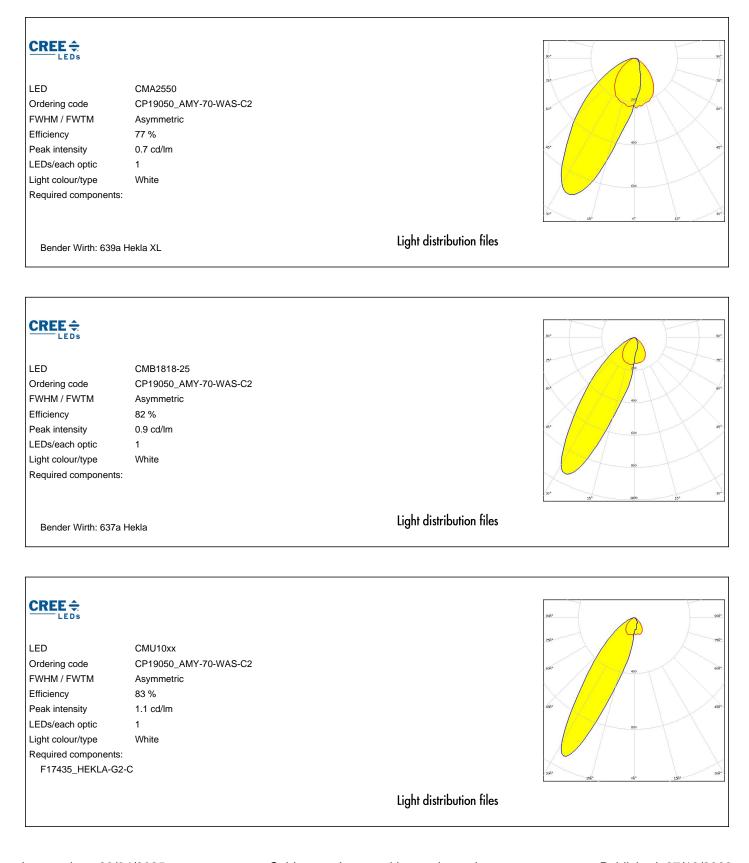
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CHA0410 LED CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 83 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour/type White Required components: F17435_HEKLA-G2-C Light distribution files LED CHA0612 CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 83 % 153 Peak intensity 1.3 cd/lm LEDs/each optic 1 White Light colour/type Required components: F17435_HEKLA-G2-C Light distribution files LED CMA1840 Ordering code CP19050_AMY-70-WAS-C2 FWHM / FWTM Asymmetric Efficiency 80 % 0.9 cd/lm Peak intensity LEDs/each optic 1 White Light colour/type Required components: Light distribution files Bender Wirth: 637a Hekla

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		Light distribution files	
F17436_HEKLA-G2-I	ſ		308* 15\$* 15\$*
Required components:			
Light colour/type	White		
LEDs/each optic	1		300
Peak intensity	1.2 cd/lm		45A*
Efficiency	82 %		
FWHM / FWTM	Asymmetric		
Ordering code	CP19050_AMY-70-WAS-C2		50Å*400
LED	CXA/B 15xx		
LEDS			998*
CREE \$			
Bender Wirth: 631b H	ekla XL	Light distribution files	<u>19</u> 6 o ^k 197
Required components:			20* 000
Light colour/type	White		
LEDs/each optic	1		400
Peak intensity	0.6 cd/lm		
Efficiency	72 %		
FWHM / FWTM	Asymmetric		200
LED Ordering code	CMU22xx CP19050_AMY-70-WAS-C2		
	014/100		734
			90°
		Light distribution files	139 ⁴ . 09 ⁴ . 139 ⁴ .
1 17430_NEREA-02-1			ade
Required components: F17438_HEKLA-G2-I			200
Light colour/type	White		
LEDs/each optic	1		234*
Peak intensity	0.9 cd/lm		
Efficiency	91 %		
FWHM / FWTM	Asymmetric		
LED	CMU15xx		
			780
			908*

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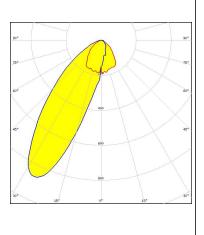


LUMILEDS

LED
Ordering code
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour/type
Required components:

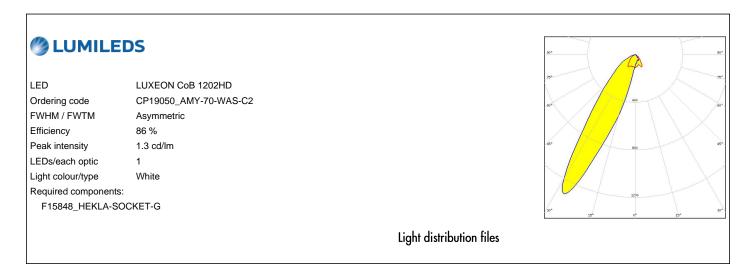
Bender Wirth: 637a Hekla

LUXEON CX Plus CoB L08 (Gen2) CP19050_AMY-70-WAS-C2 Asymmetric 83 % 0.9 cd/lm 1 White



Light distribution files

LUMILEDS LUXEON CoB 1202/1203 LED CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 1.2 cd/lm LEDs/each optic 1 White Light colour/type Required components: F15858_HEKLA-SOCKET-H Light distribution files



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LUMILEDS LED LUXEON CoB 1204/1205 Ordering code CP19050_AMY-70-WAS-C2 FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Bender Wirth: 632a Hekla XL LUMILEDS LUXEON CoB 1205HD LED CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 83 % Peak intensity 1 cd/lm LEDs/each optic 1 White Light colour/type Required components: F15858_HEKLA-SOCKET-H Light distribution files

LUXEON CX Plus CoB - HD S02H6 LED Ordering code CP19051_AMY-70-WAS-B2 FWHM / FWTM Asymmetric Efficiency 84 % 1.2 cd/lm Peak intensity LEDs/each optic 1 White Light colour/type Required components: Light distribution files Bender Wirth: 634c Bayonet35L

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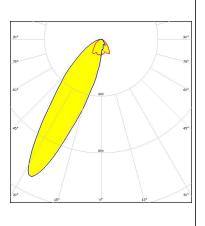


UMILEDS

LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:

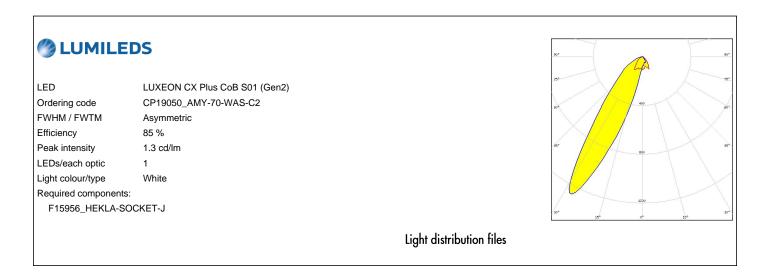
Bender Wirth: 634a Bayonet35L

LUXEON CX Plus CoB - HD S04H9 CP19051_AMY-70-WAS-B2 Asymmetric 83 % 1.1 cd/lm 1 White



Light distribution files

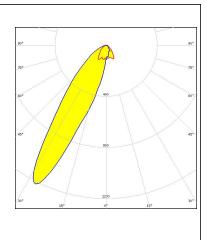
LUMILEDS LUXEON CX Plus CoB L04 / L05 (Gen2) I FD CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 83 % Peak intensity 1 cd/lm LEDs/each optic 1 White Light colour/type Required components: F15254_HEKLA-SOCKET-B Light distribution files



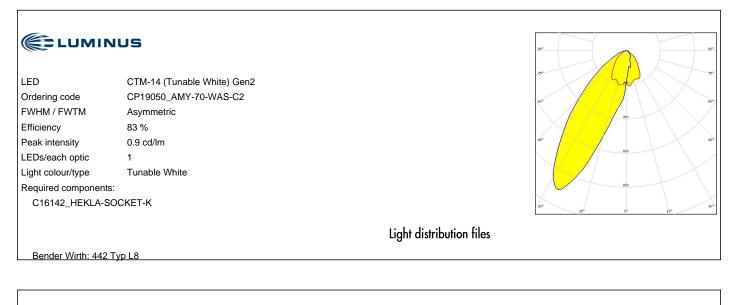
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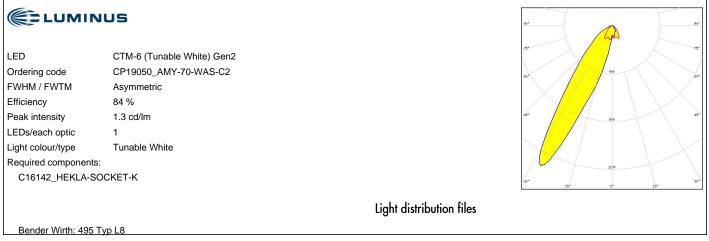


LED	CHM-9 XH (19x19)
Ordering code	CP19050_AMY-70-WAS-C2
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15859_HEKLA-SOC	KET-I



Light distribution files





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LED CTM-9 (Tunable White) Gen2 CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 83 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour/type **Tunable White** Required components: C16142_HEKLA-SOCKET-K Light distribution files Bender Wirth: 495 Typ L8 LED CXM-3 CP19051_AMY-70-WAS-B2 Ordering code FWHM / FWTM Asymmetric Efficiency 85 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files Bender Wirth: 634a Bayonet35L LED CXM-4 Ordering code CP19051_AMY-70-WAS-B2 FWHM / FWTM Asymmetric Efficiency 85 %

 Bender Wirth: 634a Bayonet35L

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Peak intensity

LEDs/each optic

Light colour/type Required components: 1.4 cd/lm

1 White

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Light distribution files



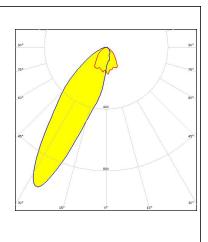
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	CxM-6 (13.5x13.5) CP19051_AMY-70-WAS-B2 Asymmetric 85 % 1.4 cd/lm 1 White		
BJB: 47.360.1020		Light distribution files	
	IUS		90'
LED	CxM-9 (13.5x13.5)		75*
Ordering code	CP19050_AMY-70-WAS-C2		
FWHM / FWTM	Asymmetric		60* <u>400</u> 60*
Efficiency	82 %		
Peak intensity	1.1 cd/lm		43'
LEDs/each optic	1		000
Light colour/type	White		
Required components:			50° 200 50° 50°
Bender Wirth: 634a	Lena	Light distribution files	
MICHIΛ			9°
	СОВ Ј-Туре		73*
LED	Asymmetric		
	83 %		60° 60°
FWHM / FWTM			460
FWHM / FWTM Efficiency	0.9 cd/lm		
FWHM / FWTM Efficiency Peak intensity	0.9 cd/lm 1		45'
FWHM / FWTM Efficiency Peak intensity LEDs/each optic			67 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	1 White		6 [°] 6 [°]

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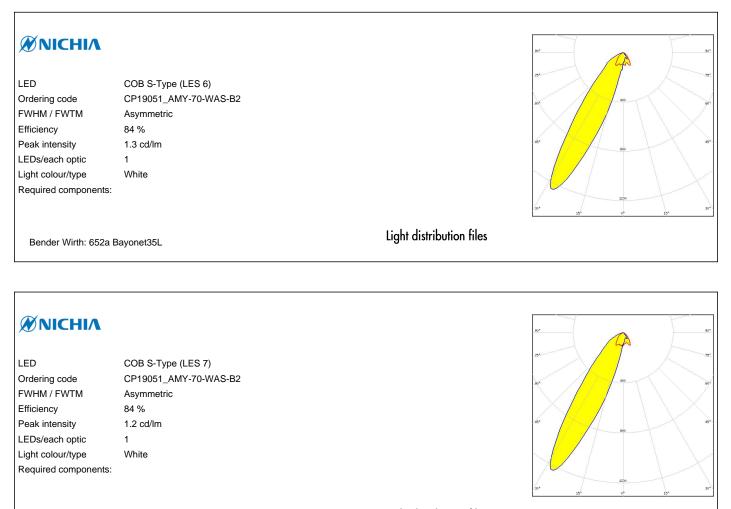


ΜΝΙCΗΙΛ

LED	COB L-Type (LES 11)
Ordering code	CP19050_AMY-70-WAS-C2
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOC	KET-H



Light distribution files



Bender Wirth: 652a Bayonet35L

Light distribution files

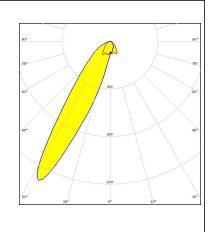
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ΜΝΙCΗΙΛ

LED	NJCWL024Z-
Ordering code	CP19050_AM
FWHM / FWTM	Asymmetric
Efficiency	84 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	Tunable Whit
Required components:	
C16142_HEKLA-SOC	KET-K

AJCWL024Z-V1MT: COB L-Type Tunable White CP19050_AMY-70-WAS-C2 Asymmetric i4 % .3 cd/Im Tunable White

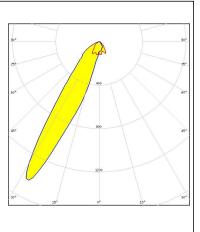


Light distribution files

Bender Wirth: 497 Typ L8 HV

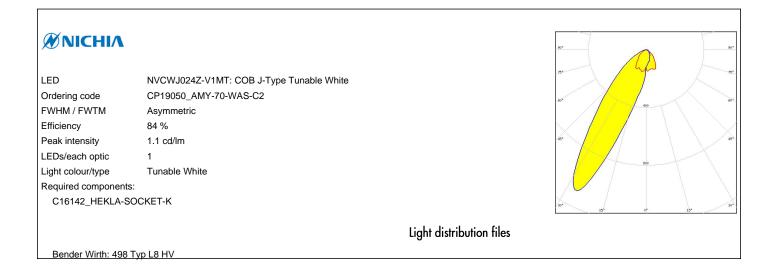
ΜΝΙCΗΙΛ

LED	NJNWS012Z-V1MT: COB S-Type Tunable White
Ordering code	CP19050 AMY-70-WAS-C2
FWHM / FWTM	-
-	Asymmetric
Efficiency	84 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	
C16142_HEKLA-SOC	KET-K



Light distribution files

Bender Wirth: 495 Typ L8 HV

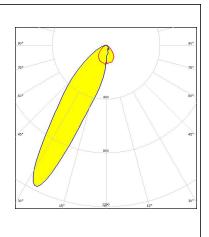


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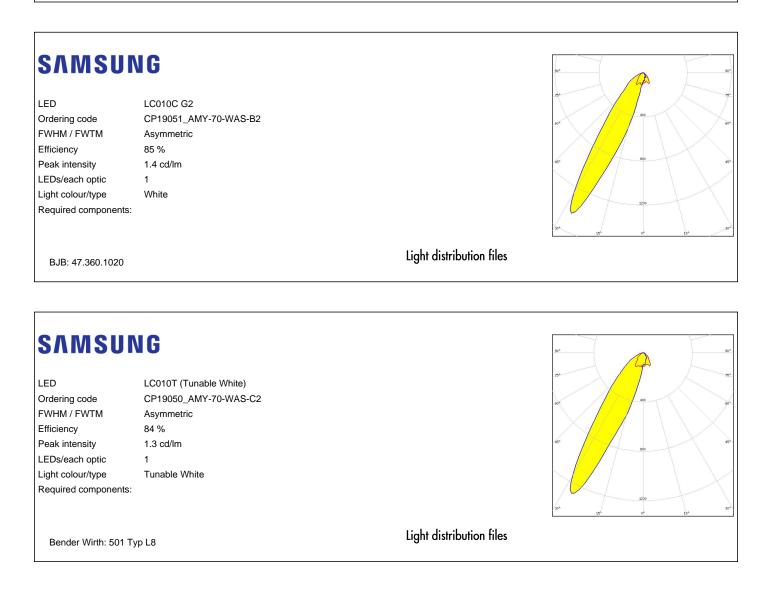


SAMSUNG

LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: LC003D / LC006D / LC013D C18444_AMY-70-WAS Asymmetric 82 % 1.2 cd/lm 1 White



Light distribution files



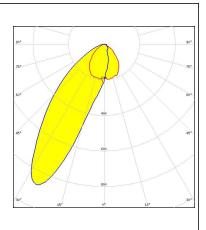
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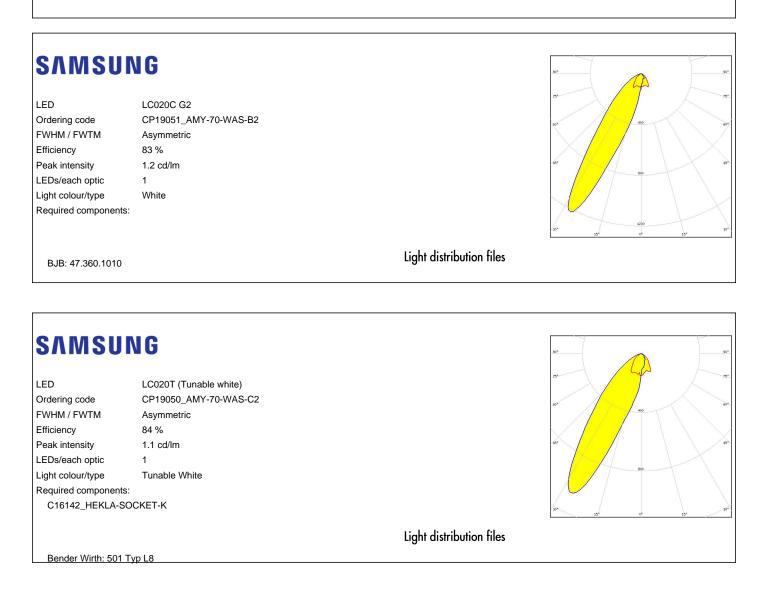
SAMSUNG

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: F17438_HEKLA-G2-I

LC016D / LC019D / LC026D / LC033D Asymmetric 80 % 0.9 cd/lm 1 White



Light distribution files



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SAMSUNG LED LC030C/040C G2 CP19051_AMY-70-WAS-B2 Ordering code FWHM / FWTM Asymmetric Efficiency 82 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files BJB: 47.360.1010 SEOUL SEOUL SEMICONDUCTOR MJT COB LES 14.5 LED CP19050_AMY-70-WAS-C2 Ordering code FWHM / FWTM Asymmetric Efficiency 83 % Peak intensity 0.9 cd/lm LEDs/each optic 1 White Light colour/type Required components: F15859_HEKLA-SOCKET-I Light distribution files SEOUL SEOUL SEMICONDUCTOR MJT COB LES 6 LED Ordering code CP19050_AMY-70-WAS-C2 FWHM / FWTM Asymmetric Efficiency 85 % 1.4 cd/lm Peak intensity LEDs/each optic 1 White Light colour/type Required components: F15255_HEKLA-SOCKET-C Light distribution files

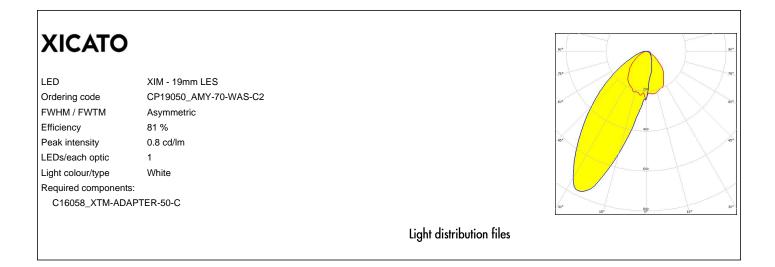
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TRIDONIC			
LED FWHM / FWTM	SLE G7 LES13		
Efficiency	Asymmetric 82 %		inter and in the second s
Peak intensity	0.9 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			
C19308_SOCKET-B-	35-1		
			308* 25#* 3#* 12#* 1
		Light distribution files	
TRIDONIC			94 ⁴
			780
LED	SLE G7 LES13		754
LED FWHM / FWTM	Asymmetric		
LED FWHM / FWTM Efficiency	Asymmetric 84 %		
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 84 % 1 cd/lm		50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 84 % 1 cd/lm 1		50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	Asymmetric 84 % 1 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Asymmetric 84 % 1 cd/lm 1 White		50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: F17438_HEKLA-G2-I	Asymmetric 84 % 1 cd/lm 1 White		60° 60° 60° 000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Asymmetric 84 % 1 cd/lm 1 White		50°

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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:

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