

PRODUCT DATASHEET YASMEEN-35-S

YASMEEN-35-S

~15° spot beam

SPECIFICATION:

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



Colour

clear

black

white

MATERIALS:

Component YASMEEN-35-S YASMEEN-35-HLD-B YASMEEN-35-HLD-B-WHT

Type Single lens Holder B Holder B

Material	
PMMA	
PC	
PC	

Finish gloss

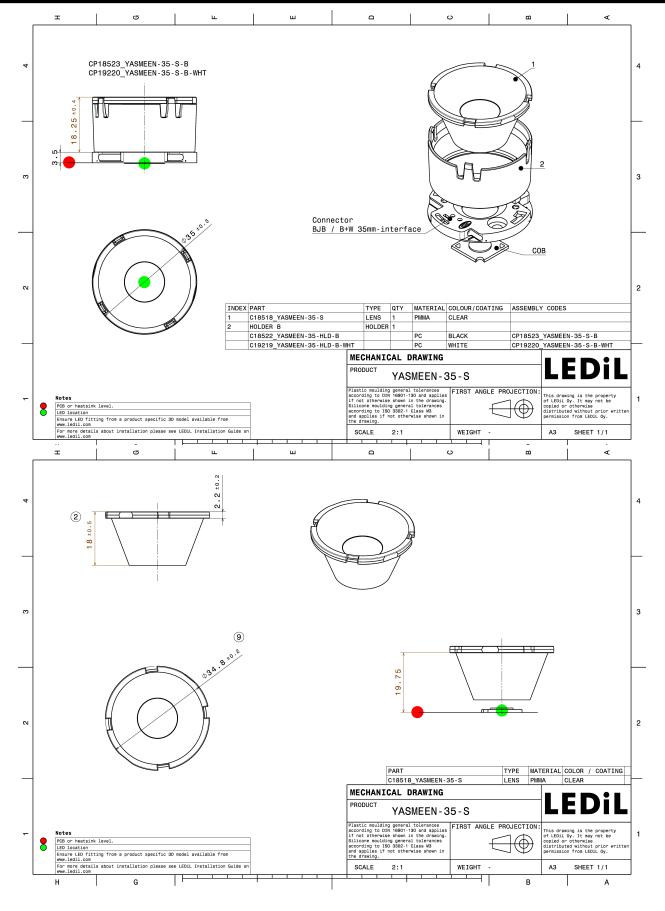


ORDERING INFORMATION:

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



PRODUCT DATASHEET YASMEEN-35-S



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



OPTICAL RESULTS (MEASURED):

CITIZE	EN	90* A 90*
LED	CLU7L3	
Ordering code	CP18523_YASMEEN-35-S-B	
FWHM / FWTM	10.0° / 19.0°	er few
Efficiency	91 %	
Peak intensity	20.3 cd/lm	
LEDs/each optic	1	g* 1200
Light colour	White	
Required compone	ents:	
C19425_SOCK	ET-B-35-N	
		31.
		235 ¹ 0 ⁶ 13 ⁹
SAMS	UNG	90°
	UNG LC010C G2	
		<u>30*</u> <u>30*</u> <u>50*</u>
LED	LC010C G2	37
LED FWHM / FWTM	LC010C G2 19.0° / 38.0°	77 77
LED FWHM / FWTM Efficiency	LC010C G2 19.0° / 38.0° 88 %	25
LED FWHM / FWTM Efficiency Peak intensity	LC010C G2 19.0° / 38.0° 88 % 5.8 cd/lm	37
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LC010C G2 19.0° / 38.0° 88 % 5.8 cd/lm 1 White	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LC010C G2 19.0° / 38.0° 88 % 5.8 cd/lm 1 White ents:	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LC010C G2 19.0° / 38.0° 88 % 5.8 cd/lm 1 White ents:	75 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LC010C G2 19.0° / 38.0° 88 % 5.8 cd/lm 1 White ents:	77- 04* 57* 500 500 500 64* 500 64*



bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634b E	V10 Gen 8-9 CP18523_YASMEEN-35-S-B 28.0° / 53.0° 88 % 3.1 cd/lm 1 White Bayonet35L	94 75 66 66 66 66 66 66 66 66 66 66 66 66 66
bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	V6 HD Gen 7 CP18523_YASMEEN-35-S-B 20.0° / 36.0° 89 % 6.3 cd/lm 1 White	2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 200 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2
bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 634c E	V6 HD Gen 8 CP18523_YASMEEN-35-S-B 21.0° / 37.0° 91 % 6 cd/lm 1 White Bayonet35L	20
bridgelux. LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652b E	Vesta DTW 9mm (4W/6W/12W) CP18523_YASMEEN-35-S-B 28.0° / 49.0° 90 % 3.3 cd/lm 1 White Bayonet35L	200 200 200 200 200 200 200 200



9

OPTICAL RESULTS (SIMULATED):

CITIZEN	
LED	(

Ordering code
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:
P ID: 47 260 1020

CLL02x/CLU02x (LES10) CP18523_YASMEEN-35-S-B 28.0° / 53.0° 84 % 2.9 cd/lm 1 White

equired components: BJB: 47.360.1020

CITIZEN	
LED	CLU7A2/7A3
Ordering code	CP18523_YA
	11.00 / 00.00

Ordering code
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:
BJB: 47.360.1020

CP18523_YASMEEN-35-S-B 14.0° / 28.0°
88 %
10.5 cd/lm
1
White

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		

		30° 12
		93 ¹
LED	CHA0304	20
Ordering code	CP18523_YASMEEN-35-S-B	
FWHM / FWTM	12.0° / 23.0°	60*
Efficiency	88 %	
Peak intensity	15.6 cd/lm	
LEDs/each optic	1	8 ⁴
Light colour	White	\times
Required components	S.	1
BJB: 47.360.1020		\times



CREE LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CHA0410 CP18523_YASMEEN-35-S-B 16.0° / 28.0° 88 % 10.3 cd/lm 1 White	13, 0, 13, 0, 24, 200 60, 60, 60, 60, 60, 60, 60, 60, 60, 10, 200 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60,
CREE LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1020	CHA0612 CP18523_YASMEEN-35-S-B 20.0° / 36.0° 88 % 6.3 cd/lm 1 White	200 91 ⁴ 91 ⁴
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XD16 8.0° / 20.0° 94 % 19.1 cd/lm 1 White	21° 0, 12° 12° 12° 12° 12° 12° 12° 12°



UMILE	DS	90 ⁴ 7
LED FWHM / FWTM Efficiency	LUXEON 7070 18.0° / 38.0° 94 %	72 72
Peak intensity	5.7 cd/lm	
LEDs/each optic	1	
Light colour	White	er
Required components		26
🥙 LUMILE	DS	30° A 30°
LED	LUXEON CX Plus CoB - HD S01H4	
Ordering code	CP18523_YASMEEN-35-S-B	37
FWHM / FWTM	16.0° / 30.0°	
Efficiency	91 %	
Peak intensity	8.8 cd/lm	
LEDs/each optic	1	e. e.
Light colour	White	600
Required components	:	
Bender Wirth: 634c	Bayonet35L	
		300 300
	DS	30' 39'
LED	LUXEON CX Plus CoB - HD S02H6	
Ordering code	CP18523_YASMEEN-35-S-B	75
FWHM / FWTM		
	22.0* / 38.0*	
	22.0° / 38.0° 91 %	
Efficiency		
	91 %	g. 200 er
Efficiency Peak intensity LEDs/each optic	91 % 5.5 cd/lm	5° 200 5°
Efficiency Peak intensity	91 % 5.5 cd/lm 1 White	g
Efficiency Peak intensity LEDs/each optic Light colour	91 % 5.5 cd/lm 1 White	ex.
Efficiency Peak intensity LEDs/each optic Light colour Required components	91 % 5.5 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 634c	91 % 5.5 cd/lm 1 White : Bayonet35L	
Efficiency Peak intensity LEDs/each optic Light colour Required components	91 % 5.5 cd/lm 1 White : Bayonet35L	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 634c	91 % 5.5 cd/lm 1 White : Bayonet35L	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 634c	91 % 5.5 cd/lm 1 White : Bayonet35L	25- 26- 29- 29- 29- 29- 29- 29- 29- 29- 29- 29
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 6340	91 % 5.5 cd/lm 1 White : Bayonet35L DS LUXEON CX Plus CoB - HD S04H9	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 634cd UED Ordering code FWHM / FWTM Efficiency	91 % 5.5 cd/lm 1 White : Bayonet35L DS LUXEON CX Plus CoB - HD S04H9 CP18523_YASMEEN-35-S-B 30.0° / 54.0° 89 %	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 634c Ender Wirth: 634c UDMILE LED Ordering code FWHM / FWTM Efficiency Peak intensity	91 % 5.5 cd/lm 1 White : Bayonet35L DS LUXEON CX Plus CoB - HD S04H9 CP18523_YASMEEN-35-S-B 30.0° / 54.0°	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 634c UNILE LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic	91 % 5.5 cd/lm 1 White : Bayonet35L DS LUXEON CX Plus CoB - HD S04H9 CP18523_YASMEEN-35-S-B 30.0° / 54.0° 89 % 2.9 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 6340 UNILE LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	91 % 5.5 cd/lm 1 White : Bayonet35L DS LUXEON CX Plus CoB - HD S04H9 CP18523_YASMEEN-35-S-B 30.0° / 54.0° 89 % 2.9 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 634c UED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	91 % 5.5 cd/lm 1 White : Bayonet35L DS LUXEON CX Plus CoB - HD S04H9 CP18523_YASMEEN-35-S-B 30.0° / 54.0° 89 % 2.9 cd/lm 1 White :	
Efficiency Peak intensity LEDs/each optic Light colour Required components Bender Wirth: 6340 UMILE LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	91 % 5.5 cd/lm 1 White : Bayonet35L DS LUXEON CX Plus CoB - HD S04H9 CP18523_YASMEEN-35-S-B 30.0° / 54.0° 89 % 2.9 cd/lm 1 White :	



87 %

1 White

5.1 cd/lm

Efficiency Peak intensity

LEDs/each optic

Light colour Required components: BJB: 47.360.1020

LUMILEDS 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 % 15.6 cd/lm Peak intensity LEDs/each optic 1 White Light colour 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 White Light colour Required components: Bender Wirth: 634a Bayonet35L LED CxM-6 (13.5x13.5) CP18523_YASMEEN-35-S-B Ordering code FWHM / FWTM 20.0° / 41.0°

Last update: 13/12/2023Subject to change without prior noticePublished: 24/04/2023LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.9/12

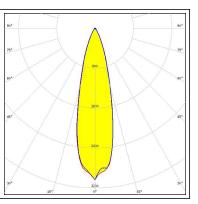


6		
	US	90* 90*
LED	CxM-6 (13.5x13.5)	
Ordering code	CP18523_YASMEEN-35-S-B	75'
FWHM / FWTM	20.0° / 38.0°	2000 50°
Efficiency	88 %	
Peak intensity	6.2 cd/lm	
LEDs/each optic	1	9° (6°
Light colour	White	
Required components:		
BJB: 47.360.1020		
		30* 6430 30*
		(135 ⁴ 0 ⁶ 135 ⁵
Μ ΝΙCΗΙΛ		90*
LED	COB S-Type (LES 6)	75
Ordering code	CP18523_YASMEEN-35-S-B	X / 1900
FWHM / FWTM	20.0° / 36.0°	60°
Efficiency	91 % 6.7 ml/m	
Peak intensity	6.7 cd/lm	
LEDs/each optic	1 White	
Light colour	White	
Required components:	Pavanet2El	
Bender Wirth: 652a I	Dayonelool	6000
Ø ΝΙCΗΙΛ		99 ⁴
LED	COB S-Type (LES 7)	99 ⁴ 99 ²
LED Ordering code	CP18523_YASMEEN-35-S-B	25 26 26
LED Ordering code FWHM / FWTM	CP18523_YASMEEN-35-S-B 22.0° / 40.0°	94 99 99 99 99 99 99 99 99 99 99 99 99 9
LED Ordering code FWHM / FWTM Efficiency	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 %	
LED Ordering code FWHM / FWTM Efficiency Peak intensity	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White	gr (200) gr
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White	gr
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type	g. g. g. g. g. g. g. g. g. g. g. g. g. g
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L	94 95 95 95 95 95 95 95 95 95 95
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B 20.0° / 36.0°	94 95 95 95 95 95 95 95 95 95 95
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B	94 95 95 95 95 95 95 95 95 95 95
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B 20.0° / 36.0°	92 92 92 92 92 92 92 92 92 92
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I MICHIA LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B 20.0° / 36.0° 91 % 6.1 cd/lm 1	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B 20.0° / 36.0° 91 % 6.1 cd/lm	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I Sender Wirth: 652a I Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B 20.0° / 36.0° 91 % 6.1 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I Sender Wirth: 652a I Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B 20.0° / 36.0° 91 % 6.1 cd/lm 1 White	
LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 652a I Sender Wirth: 652a I Cordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	CP18523_YASMEEN-35-S-B 22.0° / 40.0° 91 % 5.5 cd/lm 1 White Bayonet35L COB T-Type CP18523_YASMEEN-35-S-B 20.0° / 36.0° 91 % 6.1 cd/lm 1 White	



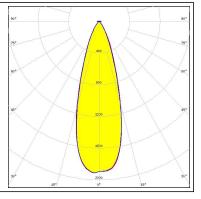
SAMSUNG

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



SAMSUNG

LED Ordering code FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: BJB: 47.360.1010 LC030C/040C G2 CP18523_YASMEEN-35-S-B 32.0° / 62.0° 77 % 1.9 cd/lm 1 White





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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