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292 x 61 mm Medium Spot Plain Freeform (12963)





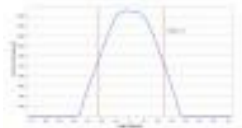


Part no.	12963
Drawing no.	12963_Rev-2_MB_Fort_SymmFlange
Family	33Up Array
Type	Freeform
Diameter	292 x 61
Beam	Medium Spot
Finish	Plain



Material: PC

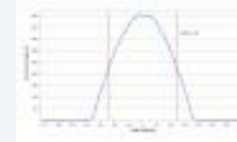
LEDs & Performances

Select LED to view available holders

Manu.	Performance Data	Images	IES/STP
 Bridgelux SMD 3030 Gen2 White	Eff: 92 FWHM: 47 Cd/lm: 1.9	 	View
	Eff: 91.5 FWHM: 48		View

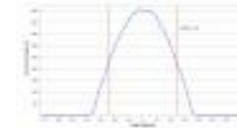
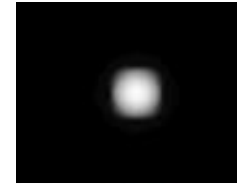
[Cree JB3030 3V White](#)

Cd/lm: 1.9



[Cree JQ5050 9V White](#)

Eff: 91.5
FWHM: 55
Cd/lm: 1.8

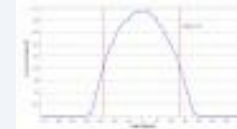


[View](#)



[Cree JR5050 24V White](#)

Eff: 91.5
FWHM: 53
Cd/lm: 1.9

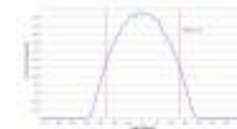
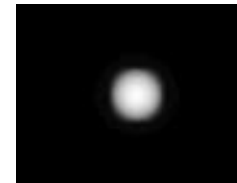


[View](#)



[Cree JR5050 36V White](#)

Eff: 91.5
FWHM: 53
Cd/lm: 1.7



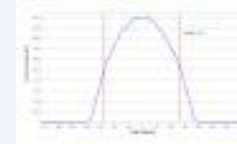
[View](#)





[Cree JR5050 6V White](#)

Eff: 91.5
FWHM: 54
Cd/lm: 1.6

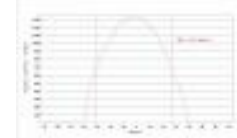
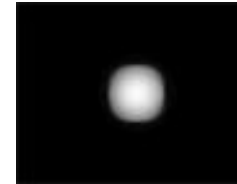


[View](#)



[Cree XLamp XH-B White](#)

Eff: 88.5
FWHM: 58
Cd/lm: 1.1

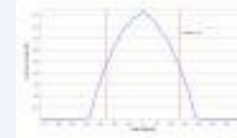


[View](#)



[Cree XLamp XHP35.2 HI White](#)

Eff: 90
FWHM: 52
Cd/lm: 1.9

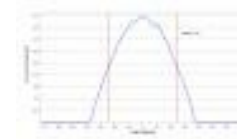


[View](#)



[Cree XLamp XP-P White](#)

Eff: 92
FWHM: 50
Cd/lm: 1.8

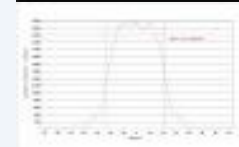
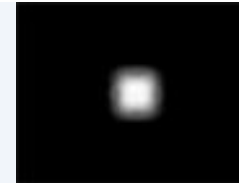


[View](#)



[Cree XLamp XQ-A White](#)

Eff: 91
FWHM: 44
Cd/lm: 1.7

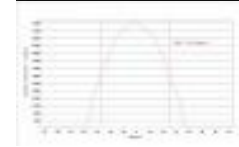
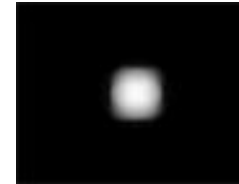


[View](#)



[Cree XLamp XQ-E HI White](#)

Eff: 90.5
FWHM: 51
Cd/lm: 1.2

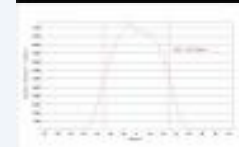
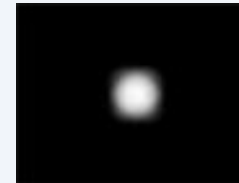


[View](#)



[Cree XLamp XQ-E White](#)

Eff: 96
FWHM: 100
Cd/lm: 0.6

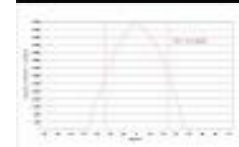
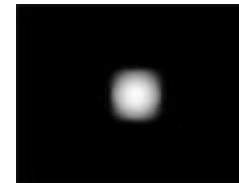


[View](#)



[LG Innotek MidPower 3030 \(LG\) White](#)

Eff: 91.5
FWHM: 49
Cd/lm: 1.5

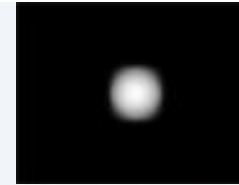


[View](#)

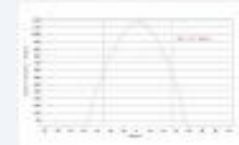


[LG Innotek MidPower 5630 White](#)

Eff: 91.5
FWHM: 52
Cd/lm: 1.4

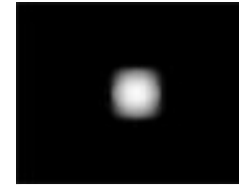


[View](#)

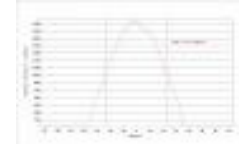


[LUMILEDS LUXEON 3020 White](#)

Eff: 91.5
FWHM: 47
Cd/lm: 1.5

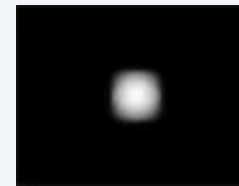


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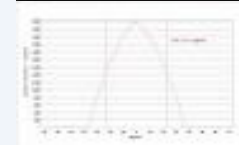


[LUMILEDS LUXEON 3030 2D White](#)

Eff: 90.5
FWHM: 47
Cd/lm: 1.6



[View](#)

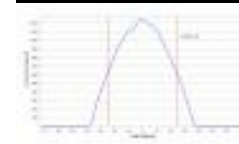


[LUMILEDS LUXEON 3030 HE Plus White](#)

Eff: 92
FWHM: 50
Cd/lm: 1.9



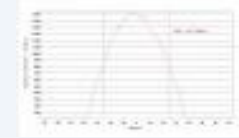
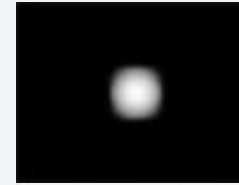
[View](#)





[LUMILEDS LUXEON 3535 L White](#)

Eff: 91.5
FWHM: 50
Cd/lm: 1.4

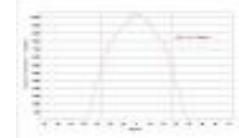
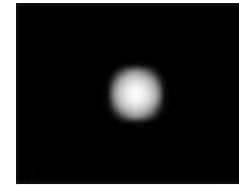


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[LUMILEDS LUXEON 5050 White](#)

Eff: 91
FWHM: 54
Cd/lm: 1.3

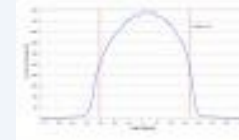


[View](#)



[LUMILEDS LUXEON 7070 White](#)

Eff: 89.5
FWHM: 64
Cd/lm: 1.2

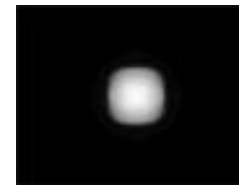


[View](#)



[LUMILEDS LUXEON C White](#)

Eff: 87
FWHM: 60
Cd/lm: 1

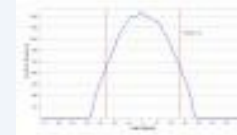
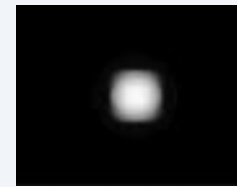
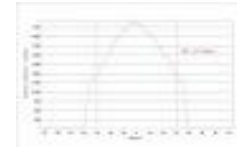


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LUMILEDS LUXEON CZ

Eff: 92
FWHM: 52
Cd/lm: 1.6

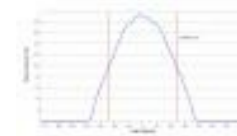
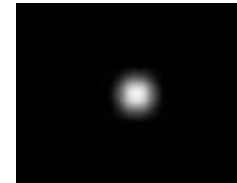


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LUMILEDS LUXEON IR 2720

Eff: 94.5
FWHM: 49
Cd/lm: 1.7



[View](#)



LUMILEDS LUXEON Rubix Blue

Eff: 92
FWHM: 53
Cd/lm: 2

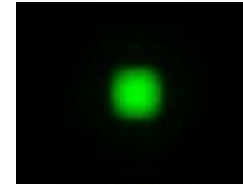


[View](#)

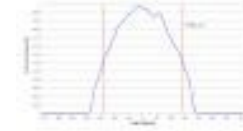


[LUMILEDS LUXEON Rubix Green](#)

Eff: 92
FWHM: 56
Cd/lm: 1.5

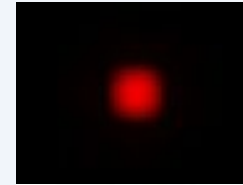


[View](#)

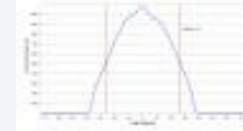


[LUMILEDS LUXEON Rubix Red](#)

Eff: 93
FWHM: 51
Cd/lm: 1.6



[View](#)

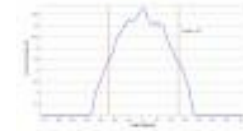


[LUMILEDS LUXEON Rubix Royal Blue](#)

Eff: 91
FWHM: 50
Cd/lm: 2.2



[View](#)

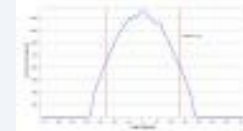


[LUMILEDS LUXEON Rubix White](#)

Eff: 91.5
FWHM: 52
Cd/lm: 1.7



[View](#)





[Nichia 757 White](#)

Eff: 91
FWHM: 50
Cd/lm: 1.4

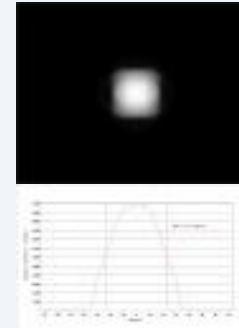


[View](#)



[Nichia NCSW CSP E17A White](#)

Eff: 90
FWHM: 47
Cd/lm: 1.5

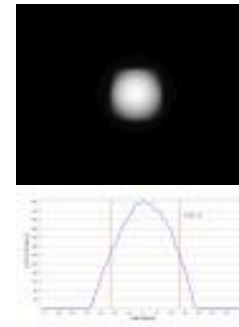


[View](#)



[Nichia NF2W 757G-MT](#)

Eff: 91.5
FWHM: 50
Cd/lm: 1.8



[View](#)



[Nichia NVSW CSP E21A White](#)

Eff: 90
FWHM: 46
Cd/lm: 1.5

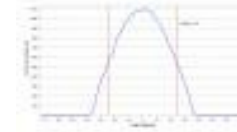
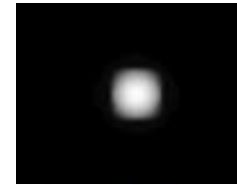
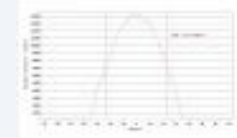


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OSRAM
Opto Semiconductors

[Osram OS DURIS E 2835 Gen2](#)

Eff: 92
FWHM: 49
Cd/lm: 1.8

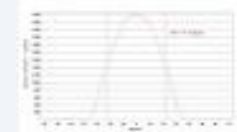
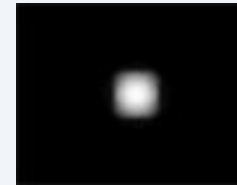


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS E5 White](#)

Eff: 90.5
FWHM: 43
Cd/lm: 1.7

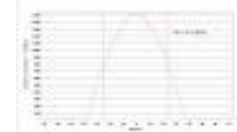
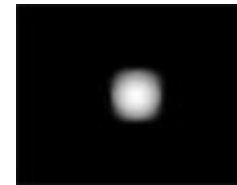


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S5 White](#)

Eff: 91.5
FWHM: 49
Cd/lm: 1.4

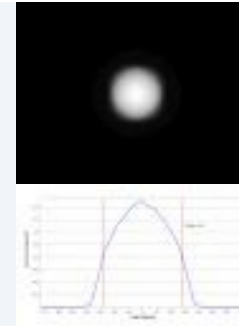


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S8 Gen3 White](#)

Eff: 92
FWHM: 49
Cd/lm: 1.8

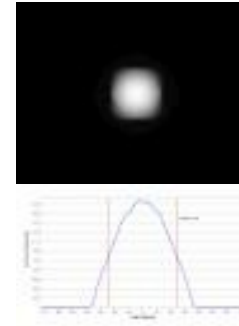


[View](#)

OSRAM
Opto Semiconductors

[Osram OS OSCONIQ C 2424 White](#)

Eff: 92
FWHM: 48
Cd/lm: 1.9

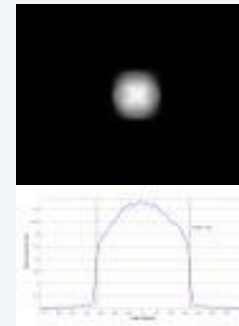


[View](#)

OSRAM
Opto Semiconductors

[Osram OS OSLON Black SFH 4716AS IR](#)

Eff: 90.5
FWHM: 66
Cd/lm: 1.3

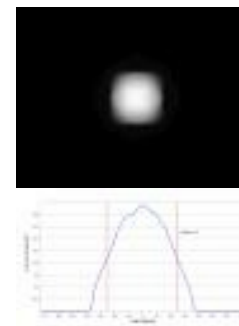


[View](#)

OSRAM
Opto Semiconductors

[Osram OS OSLON Boost HM KW CELMM1.TG](#)

Eff: 92
FWHM: 50
Cd/lm: 1.6

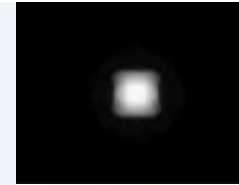


[View](#)

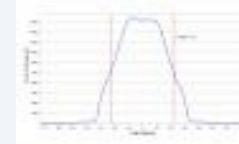
OSRAM
Opto Semiconductors

[Osram OS OSLO N Pure 1010 CSP GW VJLPE1 White](#)

Eff: 90.5
FWHM: 44 x 43
Cd/lm: 1.9



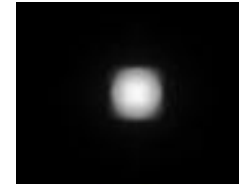
[View](#)



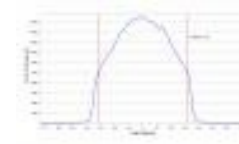
OSRAM
Opto Semiconductors

[Osram OS OSLO N SSL 150 degree GW CSHPM1.PM White](#)

Eff: 91.5
FWHM: 62
Cd/lm: 1.3



[View](#)



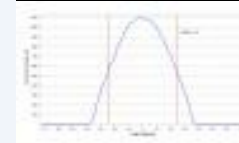
OSRAM
Opto Semiconductors

[Osram OS Prevaled Bar G4](#)

Eff: 92
FWHM: 49
Cd/lm: 1.7



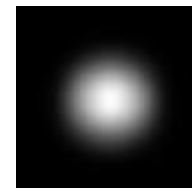
[View](#)



PHILIPS
Fortimo

[Philips Fortimo MidPower 3R HV1 Gen 1 Board](#)

Eff: 85.4
FWHM: 51 x 49
Cd/lm: 1.1



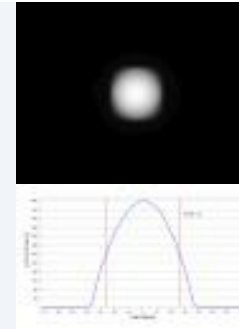
[View](#)





[Philips Fortimo MidPower 3R HV4 Gen 4 Board 1100lm](#)

Eff: 89
FWHM: 52
Cd/lm: 1.6

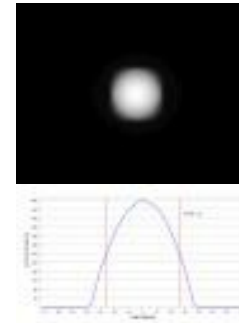


[View](#)



[Philips Fortimo MidPower 3R LV4 Gen 4 Board 1100lm](#)

Eff: 89
FWHM: 52
Cd/lm: 1.6

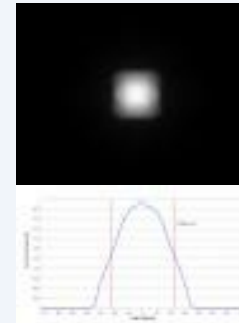


[View](#)



[Samsung CSP LH151B White](#)

Eff: 91.5
FWHM: 45
Cd/lm: 2

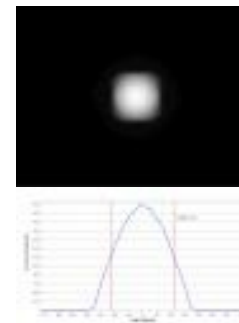


[View](#)



[Samsung CSP LH181B White](#)

Eff: 91.5
FWHM: 45 x 44
Cd/lm: 2.3

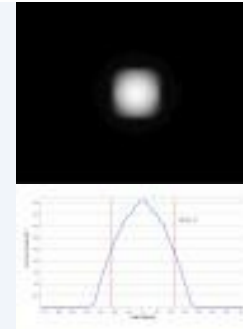


[View](#)



[Samsung CSP LH231B White](#)

Eff: 91.5
FWHM: 46 x 46
Cd/lm: 2

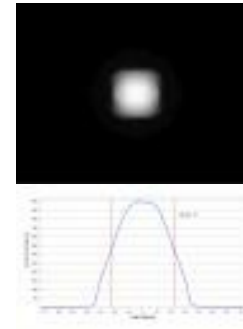


[View](#)



[Samsung CSP LM101B White](#)

Eff: 91
FWHM: 46 x 46
Cd/lm: 2

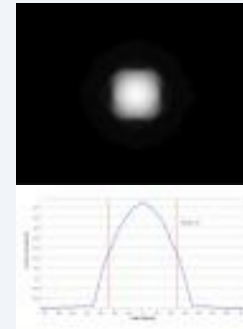


[View](#)



[Seoul CSP SZ8Y22 White](#)

Eff: 89.5
FWHM: 49 x 49
Cd/lm: 1.8



[View](#)



[Seoul CSP SZ8Y22P White](#)

Eff: 90.5
FWHM: 55
Cd/lm: 1.4

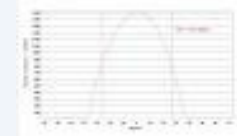
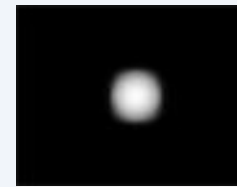
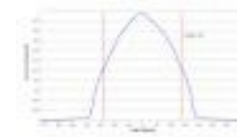


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[Seoul MidPower STW8 White](#)

Eff: 89
FWHM: 53
Cd/lm: 1.3

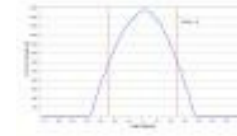


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[Seoul STW8 C2SB-NT White](#)

Eff: 92
FWHM: 49
Cd/lm: 1.8

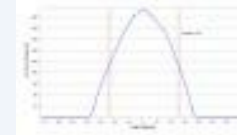


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[Seoul STWS C2PB-E0 White](#)

Eff: 92
FWHM: 49
Cd/lm: 1.8

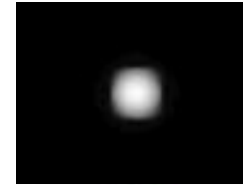


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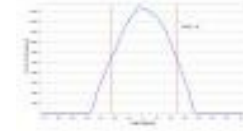


[Seoul SunLike STW9 C2SB-S](#)

Eff: 92
FWHM: 48
Cd/lm: 1.8

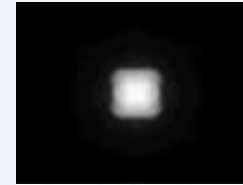


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[Seoul SZ8Y11 White](#)

Eff: 87
FWHM: 56 x 53
Cd/lm: 1.4



[View](#)

