



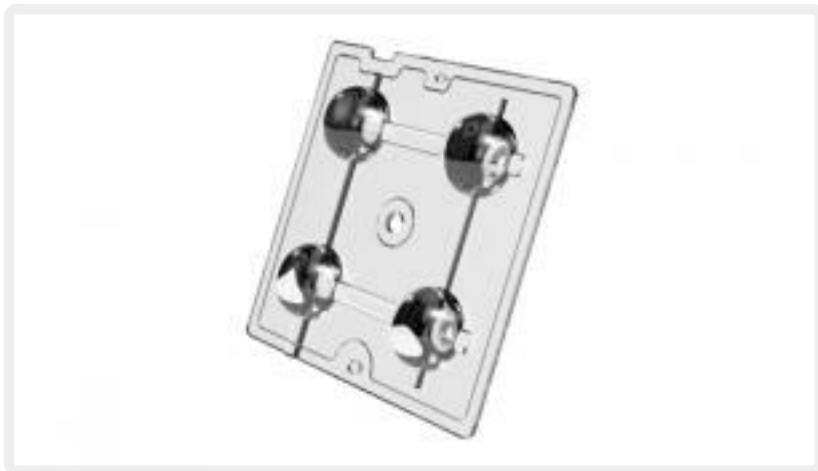
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50.0 x 50.0mm Elliptical Freeform (12818)


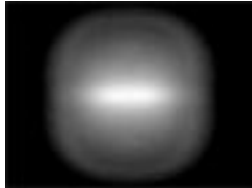


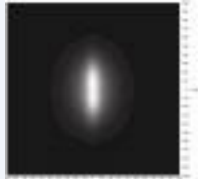
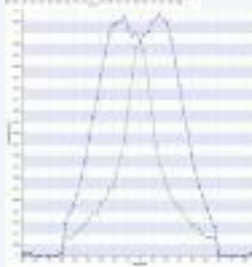


Part no.	12818
Drawing no.	70302
Family	Mini Hubble
Type	Freeform
Diameter	50.0 x 50.0
Beam	Elliptical



LEDs & Performances

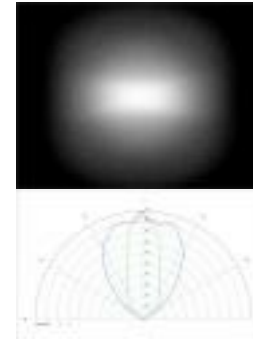
Select LED to view available holders

Manu.	Performance Data	Images	IES/STP
 Cree XLamp CSP XD16 Cool White	Eff: 93.5 FWHM: 79 x 24 Cd/lm: 0.9	 	View
 Cree XLamp XP-G2 White	Eff: 91 FWHM: 80x26 Cd/lm: 0.95	 	View



[Cree XLamp XP-L2 White](#)

Eff: 94
FWHM: 77 x 33
Cd/lm: 0.8



[View](#)



[Cree XLamp XQ-A Blue](#)

Eff: 96
FWHM: 67 x 22
Cd/lm: 1.5

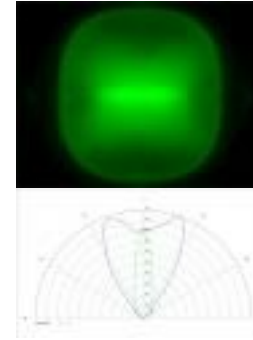


[View](#)



[Cree XLamp XQ-A Green](#)

Eff: 95.5
FWHM: 68 X 22
Cd/lm: 1.5

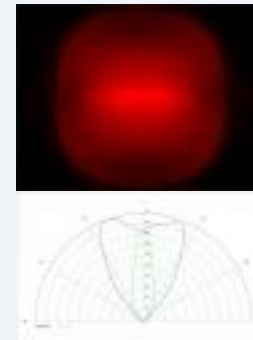


[View](#)



[Cree XLamp XQ-A Red](#)

Eff: 96
FWHM: 72 x 22
Cd/lm: 1.3

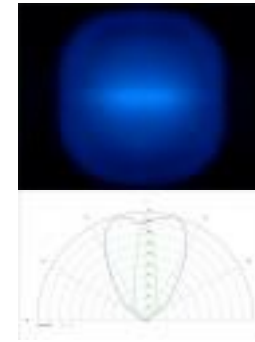


[View](#)



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

Eff: 95.5
FWHM: 76 x 24
Cd/lm: 1.1

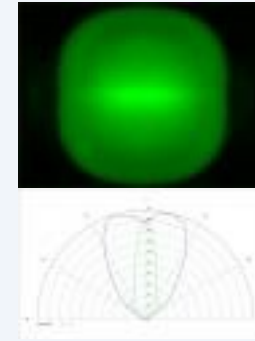


[View](#)



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

Eff: 94.5
FWHM: 77 x 24
Cd/lm: 1

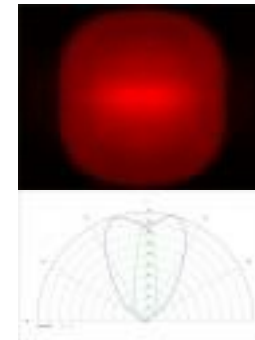


[View](#)



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

Eff: 95
FWHM: 75 x 22
Cd/lm: 1.1



[View](#)



[Cree XLamp XTE HE White](#)

Eff: 96.5
FWHM: 77 x 27
Cd/lm: 1.1

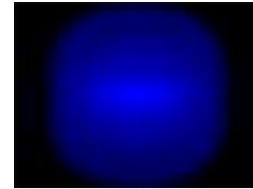


[View](#)



[LUMILEDS LUXEON 3535L Blue](#)

Eff: 96.5
FWHM: 82 x 24
Cd/lm: 0.9

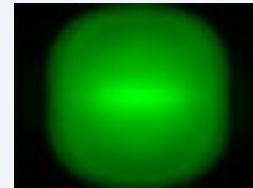


[View](#)



[LUMILEDS LUXEON 3535L Green](#)

Eff: 96
FWHM: 85 x 28
Cd/lm: 0.9



[View](#)



[LUMILEDS LUXEON 3535L Red](#)

Eff: 25.5
FWHM: 83
Cd/lm: 1



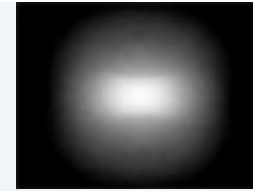
[View](#)





[LUMILEDS LUXEON 5050 White](#)

Eff: 96
FWHM: 73 x 36
Cd/lm: 0.9

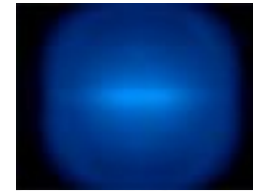


[View](#)



[LUMILEDS LUXEON C Blue](#)

Eff: 91
FWHM: 90 x 23
Cd/lm: 0.7

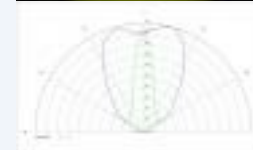
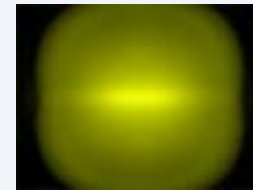


[View](#)



[LUMILEDS LUXEON C Lime](#)

Eff: 92
FWHM: 81 x 21
Cd/lm: 0.9

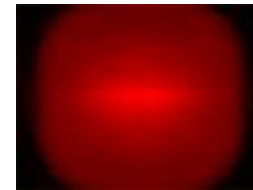


[View](#)



[LUMILEDS LUXEON C Red](#)

Eff: 90
FWHM: 88 x 24
Cd/lm: 0.7

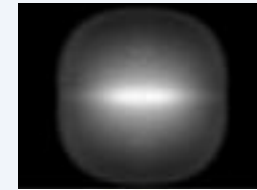
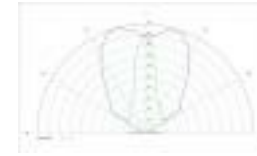


[View](#)



LUMILEDS LUXEON CZ

Eff: 96
FWHM: 74 x 22
Cd/lm: 1.3

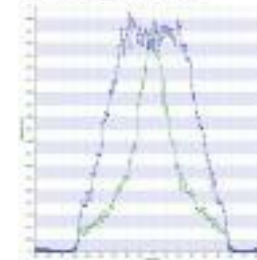
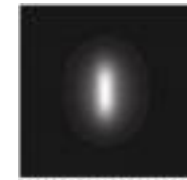


[View](#)



LUMILEDS LUXEON Rebel ES White

Eff: 90
FWHM: 80*30
Cd/lm: 0.9

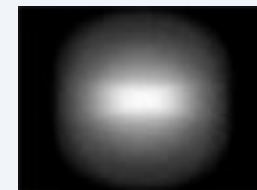


[View](#)



LUMILEDS LUXEON V White

Eff: 93
FWHM: 77 x 34
Cd/lm: 0.8

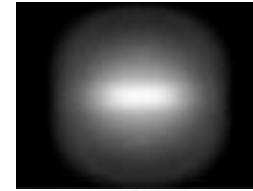


[View](#)



[LUMILEDS LUXEON V2 White](#)

Eff: 95
FWHM: 75 x 27
Cd/lm: 1.3



[View](#)



[Nichia 229A White](#)

Eff: 98.5
FWHM: 133
Cd/lm: 0.3



[View](#)



[Nichia 757G White](#)

Eff: 96
FWHM: 72 x 25
Cd/lm: 1.1

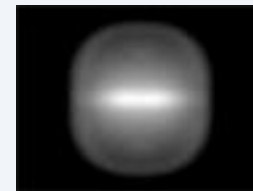


[View](#)



[Nichia NCSW E17A White](#)

Eff: 94
FWHM: 71 x 18
Cd/lm: 1.2

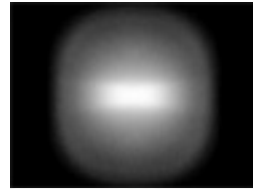


[View](#)



[Nichia NF2W 385AR-V2 White](#)

Eff: 95.5
FWHM: 75 x 32
Cd/lm: 0.9

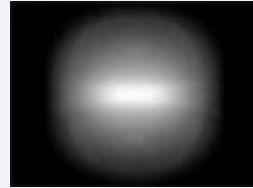


[View](#)



[Nichia NVSW 219C White](#)

Eff: 95
FWHM: 82 x 27
Cd/lm: 0.9



[View](#)



[Nichia NVSW 319A White](#)

Eff: 94
FWHM: 84 x 29
Cd/lm: 0.8



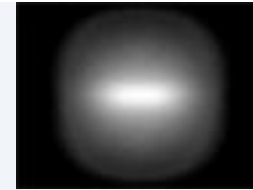
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OSRAM
Opto Semiconductors

[Osram OS DURIS E 2835 White](#)

Eff: 69
FWHM: 74 x 25
Cd/lm: 1.1

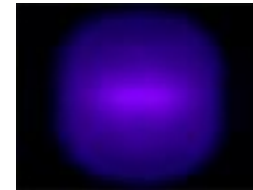


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OSRAM
Opto Semiconductors

[Osram OS DURIS S5 Deep Blue](#)

Eff: 96.5
FWHM: 89 x 25
Cd/lm: 1.1

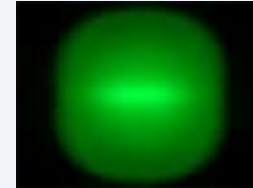


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S5 Green](#)

Eff: 96
FWHM: 72 x 22
Cd/lm: 1.2



[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S5 Red](#)

Eff: 96.5
FWHM: 71 x 20
Cd/lm: 1.3

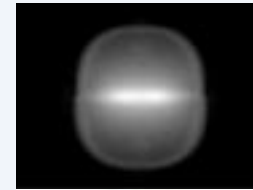


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OSRAM
Opto Semiconductors

[Osram OS OSLON Pure CSP GW VJLPE1 White](#)

Eff: 94
FWHM: 69 x 16
Cd/lm: 1.5

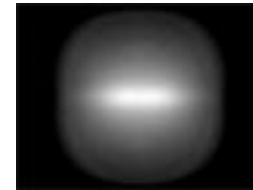


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OSRAM
Opto Semiconductors

[Osram OS OSLON Square Flat White](#)

Eff: 95.5
FWHM: 74 x 21
Cd/lm: 1.1

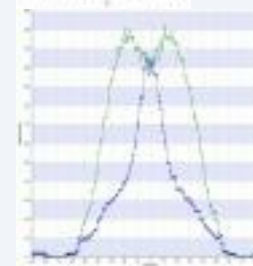
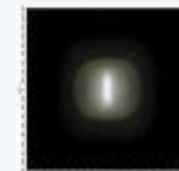


[View](#)

OSRAM
Opto Semiconductors

[Osram OS OSLON Square White](#)

Eff: 90
FWHM: 80*29
Cd/lm: 0.85



[View](#)

PHILIPS
Fortimo

[Philips Fortimo FastFlex LED 2x2 730 DA G4](#)

Eff: 96
FWHM: 76 x 29
Cd/lm: 1



[View](#)

PHILIPS
Fortimo

[Philips Fortimo FastFlex LED 2x4 730 DA G4](#)

Eff: 96
FWHM: 74 x 26
Cd/lm: 1.1



[View](#)

PHILIPS
Fortimo

[Philips Fortimo FastFlex LED 2x6 730 DA G4](#)

Eff: 95
FWHM: 75 x 29
Cd/lm: 1



[View](#)

PHILIPS
Fortimo

[Philips Fortimo FastFlex LED 2x8 730 DA G3](#)

Eff: 96
FWHM: 79 x 31
Cd/lm: 1



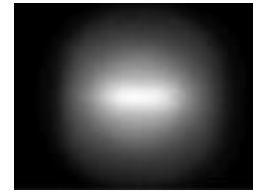
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PHILIPS
Fortimo

[Philips Fortimo FastFlex LED 2x8 730 DA G4](#)

Eff: 96.5
FWHM: 79 x 31
Cd/lm: 1



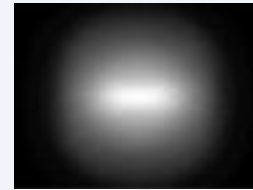
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PHILIPS
Fortimo

[Philips Fortimo FastFlex LED 2x8 730 DAX G4](#)

Eff: 96
FWHM: 83 x 33
Cd/lm: 0.9



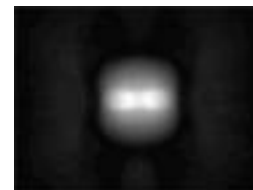
[View](#)



SAMSUNG

[Samsung 3535 LH351D White](#)

Eff: 88
FWHM: 45 x 17
Cd/lm: 1.7



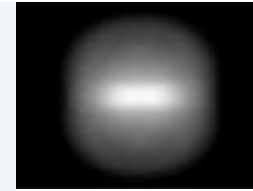
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[Samsung CSP LH231B White](#)

Eff: 95
FWHM: 74 x 25
Cd/lm: 1.2

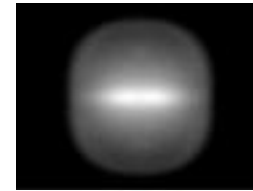


[View](#)



[Samsung CSP LM101B White](#)

Eff: 95
FWHM: 73 x 18
Cd/lm: 1.5

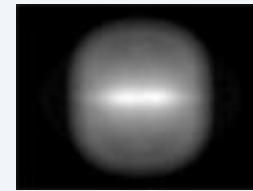


[View](#)



[Samsung LM 101A White](#)

Eff: 91.5
FWHM: 79 x 18
Cd/lm: 1



[View](#)



[Seoul CSP SZ8Y22 White](#)

Eff: 93
FWHM: 82 x 25
Cd/lm: 1



[View](#)



[Seoul CSP SZ8Y22P White](#)

Eff: 94
FWHM: 81 x 27
Cd/lm: 1



[View](#)



[Seoul CSP SZ8Y22P White](#)

Eff: 94
FWHM: 81 x 27
Cd/lm: 1

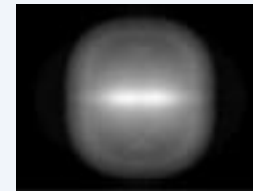


[View](#)



[Seoul SZ8Y11 White](#)

Eff: 90.5
FWHM: 80 x 18
Cd/lm: 1



[View](#)