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10.0mm Medium Spot Frosted TIR (10413)



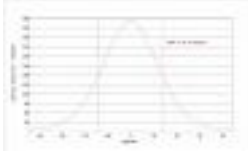





Part no.	10413
Drawing no.	60526
Family	10mm
Type	TIR
Diameter	10.0
Beam	Medium Spot
Finish	Frosted



LEDs & Performances

Select LED to view available holders

Manu.	Performance Data	Images	IES/STP
 Cree XLamp CSP XD16 Cool White	Eff: 92.5 FWHM: 28 Cd/lm: 2.3	 	View
 Cree XLamp XB-D White	Eff: 87.3 FWHM: 27 Cd/lm: 3.4	 	View



[Cree XLamp XP-E White](#)

Eff: 87.2
FWHM: 26
Cd/lm: 3.2



[View](#)



[Cree XLamp XP-E2 White](#)

Eff: 83.5
FWHM: 24
Cd/lm: 4.6



[View](#)



[Cree XLamp XP-G White](#)

Eff: 84.7
FWHM: 30
Cd/lm: 2.7

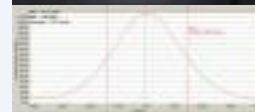


[View](#)



[Cree XLamp XP-G2 White](#)

Eff: 84.9
FWHM: 29
Cd/lm: 3.3

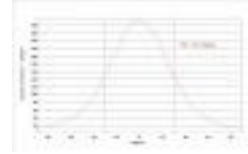


[View](#)



[Cree XLamp XP-G3 White](#)

Eff: 88
FWHM: 31
Cd/lm: 1.74

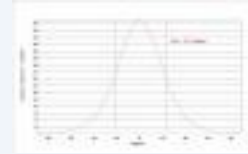


[View](#)



[Cree XLamp XQ-A Blue](#)

Eff: 91
FWHM: 23
Cd/lm: 3.9

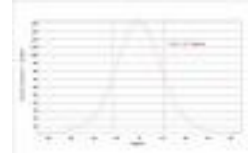
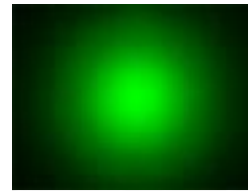


[View](#)



[Cree XLamp XQ-A Green](#)

Eff: 91
FWHM: 23
Cd/lm: 3.9

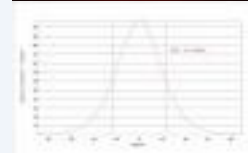


[View](#)



[Cree XLamp XQ-A Red](#)

Eff: 91
FWHM: 23
Cd/lm: 3.9

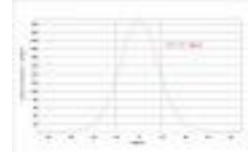


[View](#)



[Cree XLamp XQ-A White](#)

Eff: 88
FWHM: 20
Cd/lm: 4.38



[View](#)



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

Eff: 91.5
FWHM: 25
Cd/lm: 3

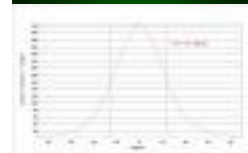
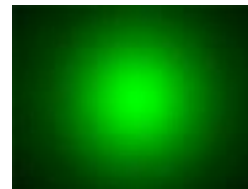


[View](#)



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

Eff: 91.5
FWHM: 25
Cd/lm: 3

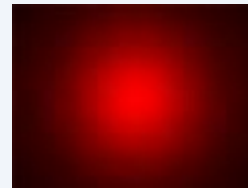


[View](#)

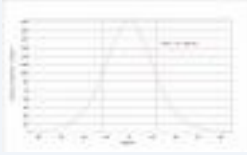


[Cree XLamp XQ-E HI Red](#)

Eff: 91.5
FWHM: 24
Cd/lm: 3.1



[View](#)

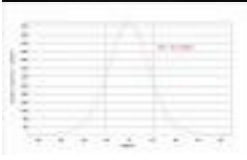


[Cree XLamp XQ-E HI White](#)

Eff: 88
FWHM: 21
Cd/lm: 3.66



[View](#)

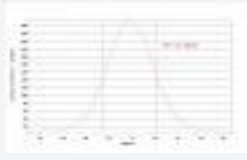


[Cree XLamp XQ-E White](#)

Eff: 88
FWHM: 24
Cd/lm: 2.9



[View](#)



[Cree XLamp XT-E White](#)

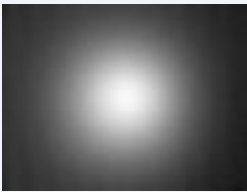
FWHM: 30
Cd/lm: 2.9



[View](#)



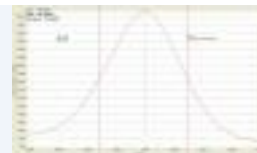
Eff: 82.3
FWHM: 31



[View](#)

[Everlight Shuen White](#)

Cd/lm: 2.5



[LG 3535LG White](#)

Eff: 85.3
FWHM: 30
Cd/lm: 2.2



[View](#)



[Lite-On R38386AS - S R38 IR](#)

Eff: 92.5
FWHM: 33
Cd/lm: 2.2

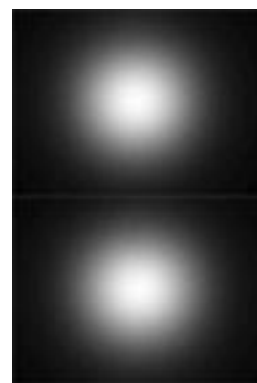


[View](#)



[LUMILEDS LUXEON 3030 White](#)

Eff: 87
FWHM: 27
Cd/lm: 2.04

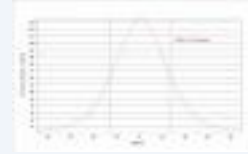


[View](#)



[LUMILEDS LUXEON 3535 HV White](#)

Eff: 88.5
FWHM: 26
Cd/lm: 2.4

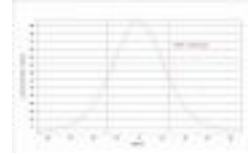


[View](#)



[LUMILEDS LUXEON 3535 L White](#)

Eff: 88.5
FWHM: 27
Cd/lm: 2.32



[View](#)



[LUMILEDS LUXEON C Blue](#)

Eff: 85.5
FWHM: 27
Cd/lm: 2.7

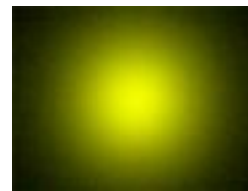


[View](#)

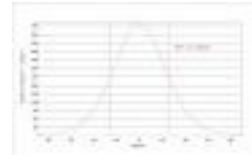


[LUMILEDS LUXEON C Lime](#)

Eff: 87.5
FWHM: 27
Cd/lm: 2.9



[View](#)

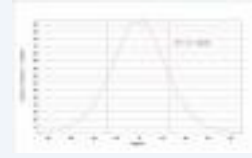


[LUMILEDS LUXEON C Red](#)

Eff: 84.5
FWHM: 28
Cd/lm: 2.6



[View](#)

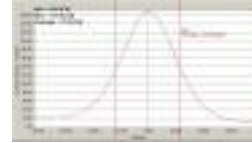


[LUMILEDS LUXEON C White](#)

Eff: 82
FWHM: 23
Cd/lm: 4

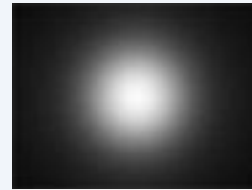


[View](#)

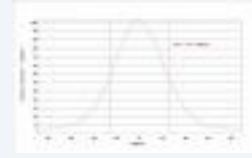


[LUMILEDS LUXEON CSP 05 White](#)

Eff: 88
FWHM: 26
Cd/lm: 1.65



[View](#)

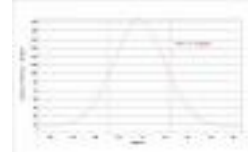


Eff: 87



[LUMILEDS LUXEON CSP 10 White](#)

FWHM: 27
Cd/lm: 1.5

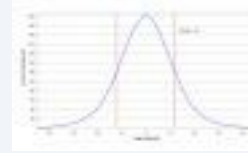


[View](#)



[LUMILEDS LUXEON CZ](#)

Eff: 92.5
FWHM: 24
Cd/lm: 4.3

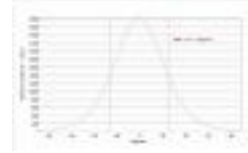


[View](#)



[LUMILEDS LUXEON IR Compact
850nm](#)

Eff: 94
FWHM: 26
Cd/lm: 3.1



[View](#)

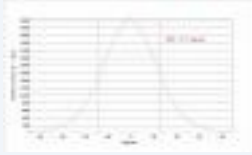


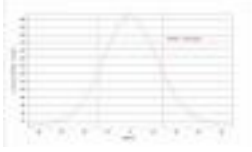


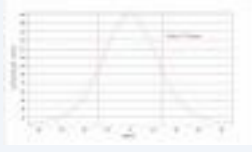







[LUMILEDS LUXEON IR Domed 150
Degree](#)

Eff: 93
FWHM: 27
Cd/lm: 3



[View](#)

				
	LUMILEDS LUXEON MZ White	Eff: 88.4 FWHM: 28 Cd/lm: 2.1	 	View
	LUMILEDS LUXEON Q White	Eff: 86.8 FWHM: 28 Cd/lm: 2	 	View
	LUMILEDS LUXEON R White	Eff: 82 FWHM: 30 Cd/lm: 2.6	 	View
		Eff: 82 FWHM: 30		View

[LUMILEDS LUXEON Rebel ES White](#)

Cd/lm: 2.6



Eff: 83
FWHM: 30
Cd/lm: 2.3

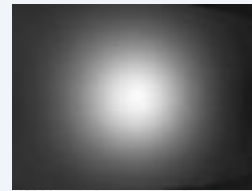


[View](#)

[LUMILEDS LUXEON Rebel White](#)



Eff: 82
FWHM: 30
Cd/lm: 2.6

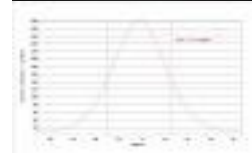


[View](#)

[LUMILEDS LUXEON T White](#)



Eff: 88.1
FWHM: 28
Cd/lm: 2.2

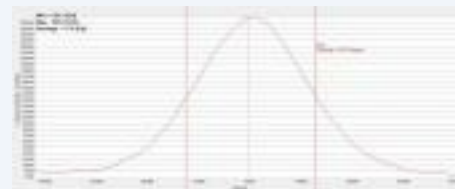


[View](#)

[LUMILEDS LUXEON TX White](#)



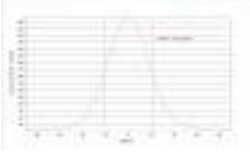





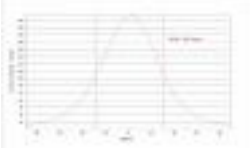
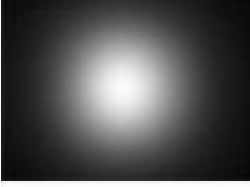




FWHM: 25
Cd/lm: 3.1



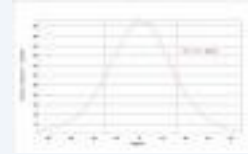
[View](#)

[LUMILEDS LUXEON Z ES White](#)

		
<p></p> <p>LUMILEDS LUXEON Z White</p>	<p>Eff: 88 FWHM: 21 Cd/lm: 3.69</p> <p></p>	<p></p> <p>View</p>
<p></p> <p>Nichia 219 White</p>	<p>Eff: 79 FWHM: 31 Cd/lm: 2.6</p> <p></p>	<p></p> <p>View</p>
<p></p> <p>Nichia 757 White</p>	<p>Eff: 89 FWHM: 29 Cd/lm: 1.75</p> <p></p>	<p></p> <p>View</p>
<p></p>	<p>Eff: 91 FWHM: 33</p>	<p></p> <p>View</p>

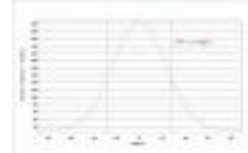
[Nichia 757G White](#)

Cd/lm: 1.9



[Nichia NCSW E17A White](#)

Eff: 87
FWHM: 28
Cd/lm: 1.97

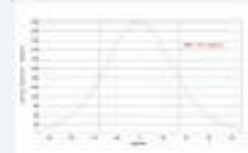
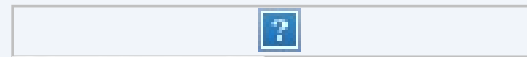


[View](#)



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

Eff: 91
FWHM: 35
Cd/lm: 1.9



[View](#)



[Nichia NVSL 219B White](#)

Eff: 90
FWHM: 29
Cd/lm: 2.5



[View](#)

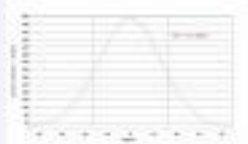





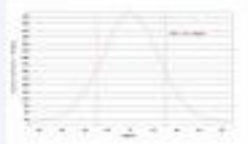


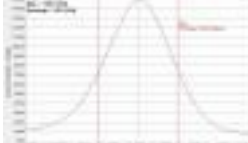


[Nichia NVSW 219C White](#)

Eff: 90
FWHM: 33
Cd/lm: 1.9



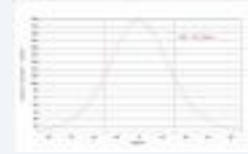
[View](#)

				
 Nichia NVSW 319A White	Eff: 90 FWHM: 35 Cd/lm: 1.7	 	View	
 Nichia NVSW E21A White	Eff: 88 FWHM: 30 Cd/lm: 1.65	 	View	
 Nichia Top Emitting NCSL 119-H3 White	Eff: 79.8 FWHM: 29 Cd/lm: 2.6	 	View	

OSRAM
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[Osram OS DURIS E 2835 White](#)

Eff: 91
FWHM: 31
Cd/lm: 2.2

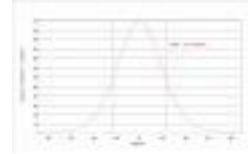


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS E2 White](#)

Eff: 88
FWHM: 23
Cd/lm: 3.02

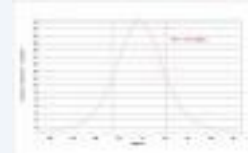


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS E3 White](#)

Eff: 91.45
FWHM: 24
Cd/lm: 3.21

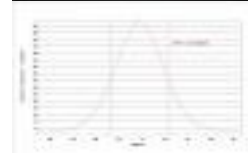


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S2 White](#)

Eff: 93.7
FWHM: 25
Cd/lm: 2.3

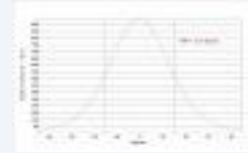


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S5 Deep Blue](#)

Eff: 90.5
FWHM: 31
Cd/lm: 2.2

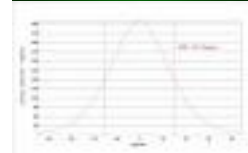


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S5 Green](#)

Eff: 91.5
FWHM: 30
Cd/lm: 2.4

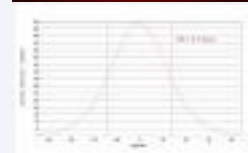


[View](#)

OSRAM
Opto Semiconductors

[Osram OS DURIS S5 Red](#)

Eff: 92
FWHM: 28
Cd/lm: 2.7



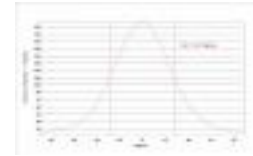
[View](#)

Eff: 89
FWHM: 28



OSRAM
Opto Semiconductors

Cd/lm: 41.94



[View](#)

[Osram OS DURIS S5 White](#)

OSRAM
Opto Semiconductors

Eff: 91
FWHM: 28
Cd/lm: 2.8

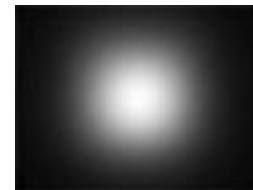


[View](#)

[Osram OS OSLON Square Flat White](#)

OSRAM
Opto Semiconductors

Eff: 88.3
FWHM: 28
Cd/lm: 2.2



[View](#)

[Osram OS OSLON Square Gen 3 White](#)

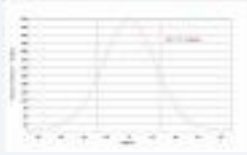
OSRAM
Opto Semiconductors

Eff: 88
FWHM: 27
Cd/lm: 2.26



[View](#)

[Osram OS OSLON Square White](#)



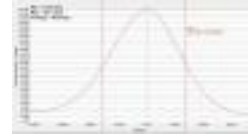
[Osram OS OSLON SSL 80 degree White](#)

Eff: 83.5
FWHM: 30
Cd/lm: 2.7



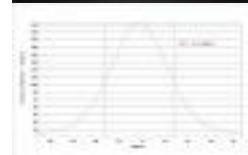
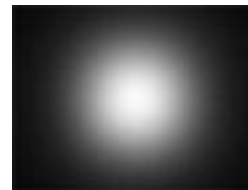
[Samsung 3535 LH351A White](#)

FWHM: 31
Cd/lm: 3



[Samsung 3535 LH351B White](#)

Eff: 88
FWHM: 30
Cd/lm: 1.9



[View](#)

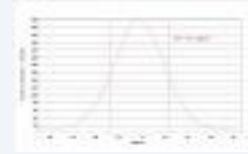
[View](#)

[View](#)



[Samsung 3535 LH351Z White](#)

Eff: 27.8
FWHM: 26
Cd/lm: 2.51

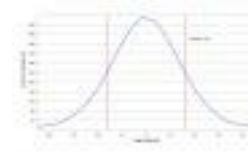


[View](#)



[Samsung CSP LH181B White](#)

Eff: 92.5
FWHM: 33
Cd/lm: 2.2

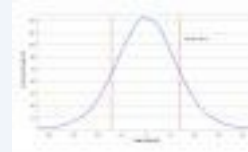


[View](#)



[Samsung CSP LM101B White](#)

Eff: 92.5
FWHM: 29
Cd/lm: 2.8



[View](#)

Eff: 88.6

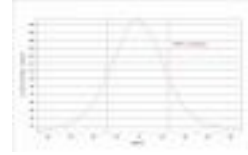


FWHM: 26
Cd/lm: 2.21



[View](#)

[Seoul MidPower MJT3030 White](#)



Eff: 84.1
FWHM: 28
Cd/lm: 3.1



[View](#)

[Seoul Z - Power Z5M White](#)

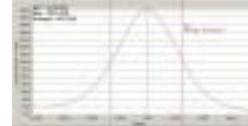


Eff: 82.8
FWHM: 26
Cd/lm: 3.4



[View](#)

[SSC Z - Power Z5 White](#)



FWHM: 27
Cd/lm: 3.4



[View](#)

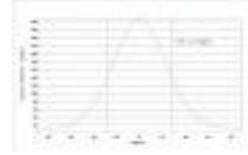
[SSC Z - Power Z5P White](#)



TOSHIBA

[Toshiba TL 1L2 White](#)

Eff: 88
FWHM: 28
Cd/lm: 2.12

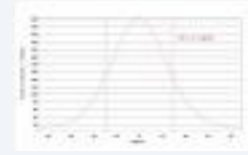
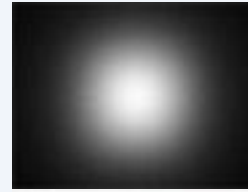


[View](#)

TOSHIBA

[Toshiba TL 1L4 White](#)

Eff: 88
FWHM: 29
Cd/lm: 1.9



[View](#)