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[sales@carclo-optics.com](mailto:sales@carclo-optics.com)



+44 1753 575 011



## 10.0mm Elliptical Ripple Linear TIR (10774)

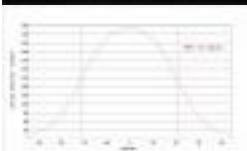
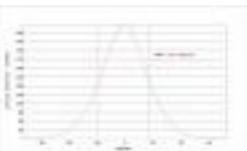


Part no.	10774
Drawing no.	60598
Family	10mm
Type	TIR
Diameter	10.0
Beam	Elliptical
Finish	Ripple Linear



## LEDs & Performances

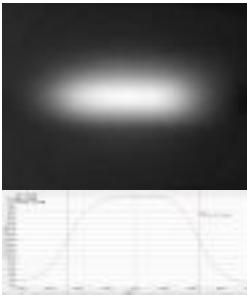
Select LED to view available holders

Manu.	Performance Data	Images	IES/STP
 <a href="#">Cree XLamp CSP XD16 Cool White</a>	Eff: 90.5 FWHM: 43 x 18 Cd/lm: 2.5	  	<a href="#">View</a>
 <a href="#">Cree XLamp XB-D White</a>	Eff: 85.6 FWHM: 20 x 44 Cd/lm: 3	 	<a href="#">View</a>



### Cree XLamp XP-C White

Eff: 87.8  
FWHM: 46  
Cd/lm: 5

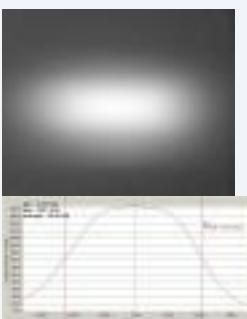


[View](#)



### Cree XLamp XP-E White

Eff: 88.1  
FWHM: 43 x 16  
Cd/lm: 3.5



[View](#)



### Cree XLamp XP-G White

Eff: 86.5  
FWHM: 43 x 23  
Cd/lm: 2.6

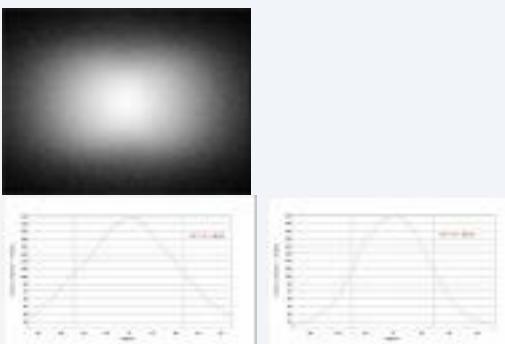


[View](#)



### Cree XLamp XP-G3 White

Eff: 81  
FWHM: 48 x 29  
Cd/lm: 1.37



[View](#)



### Cree XLamp XQ-A Blue

Eff: 91.5  
FWHM: 48 x 10  
Cd/lm: 4.8



[View](#)



### Cree XLamp XQ-A Green

Eff: 92  
FWHM: 47 x 10  
Cd/lm: 4.9



[View](#)



### Cree XLamp XQ-A Red

Eff: 91.5  
FWHM: 46 x 11  
Cd/lm: 4.8



[View](#)



### Cree XLamp XQ-A White

Eff: 86  
FWHM: 53 x 15  
Cd/lm: 3.42

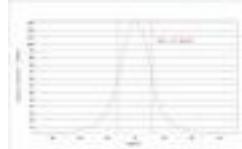
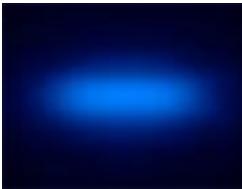


[View](#)



### Cree XLamp XQ-E HI Blue

Eff: 91  
FWHM: 47 X 12  
Cd/lm: 3.5

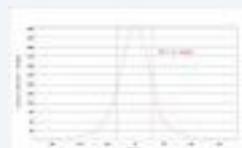


[View](#)



### Cree XLamp XQ-E HI Green

Eff: 91.5  
FWHM: 47 x 12  
Cd/lm: 3.5

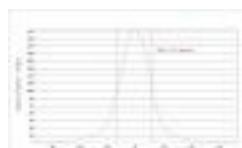


[View](#)



### Cree XLamp XQ-E HI Red

Eff: 91.5  
FWHM: 45 X 12  
Cd/lm: 3.7



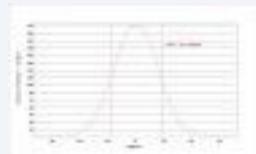
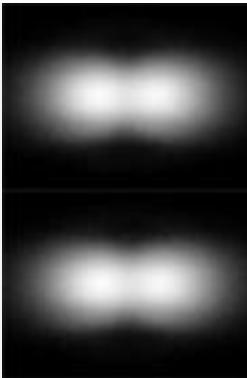
[View](#)

Eff: 86



FWHM: 54 x 18  
Cd/lm: 2.26

### Cree XLamp XQ-E HI White

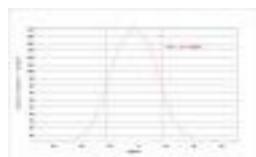


[View](#)



Eff: 86  
FWHM: 55x20  
Cd/lm: 1.9

### Cree XLamp XQ-E White



[View](#)



FWHM: 44 x 23  
Cd/lm: 2.7

### Cree XLamp XT-E White



[View](#)



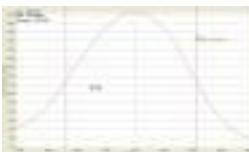
Eff: 82.6  
FWHM: 45 x 25



[View](#)

## [Everlight Shuen White](#)

Cd/lm: 2.3



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

Eff: 92.5  
FWHM: 38 x 26  
Cd/lm: 2.4



[View](#)



## [LUMILEDS LUXEON 3030 White](#)

Eff: 82  
FWHM: 51 x 22  
Cd/lm: 1.64



[View](#)



## [LUMILEDS LUXEON 3535 HV White](#)

Eff: 83.7  
FWHM: 53 X 23  
Cd/lm: 1.72



[View](#)





### LUMILEDS LUXEON 3535 L White

Eff: 83.4  
FWHM: 51 X 83  
Cd/lm: 1.66



[View](#)



### LUMILEDS LUXEON C Blue

Eff: 86  
FWHM: 44 X 15  
Cd/lm: 3



[View](#)



### LUMILEDS LUXEON C High-Power

Eff: 80.4  
FWHM: 55 x 23  
Cd/lm: 1.6



[View](#)



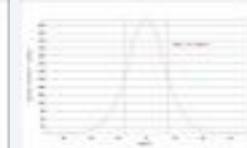
Eff: 88  
FWHM: 43 x 15



[View](#)

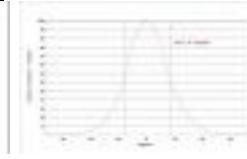
## LUMILEDS LUXEON C Lime

Cd/lm: 3.1



## LUMILEDS LUXEON C Red

Eff: 85.5  
FWHM: 42 x 16  
Cd/lm: 2.9

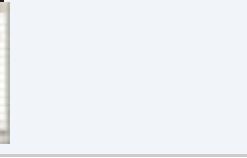


[View](#)



## LUMILEDS LUXEON C White

Eff: 82.7  
FWHM: 46 x 13  
Cd/lm: 4.2

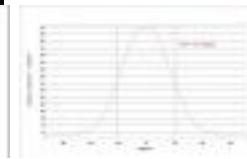


[View](#)



## LUMILEDS LUXEON CSP 05 White

Eff: 86  
FWHM: 55 x 20  
Cd/lm: 1.3



[View](#)



### LUMILEDS LUXEON CSP 10 White

Eff: 85  
FWHM: 55 x 22  
Cd/lm: 0.94



[View](#)

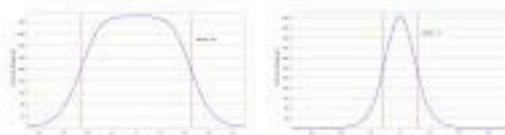


### LUMILEDS LUXEON CZ

Eff: 92.5  
FWHM: 46 x 12  
Cd/lm: 5



[View](#)



### LUMILEDS LUXEON IR Compact 850nm

Eff: 93.5  
FWHM: 43 x 15  
Cd/lm: 3.5

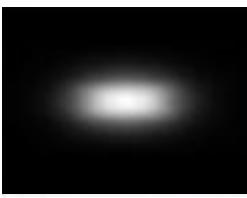


[View](#)



### LUMILEDS LUXEON IR Domed 150 Degree

Eff: 93  
FWHM: 42 x 17  
Cd/lm: 3.2



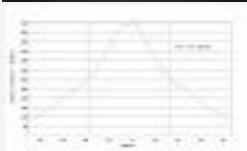
[View](#)





### LUMILEDS LUXEON MZ White

Eff: 81.7  
FWHM: 36 x 39  
Cd/lm: 1



[View](#)



### LUMILEDS LUXEON Q White

Eff: 81.7  
FWHM: 50x27  
Cd/lm: 1.4



[View](#)



### LUMILEDS LUXEON R White

Eff: 83  
FWHM: 44 x 24  
Cd/lm: 2.5



[View](#)



Eff: 83  
FWHM: 44 x 24



[View](#)

[LUMILEDS LUXEON Rebel ES White](#)

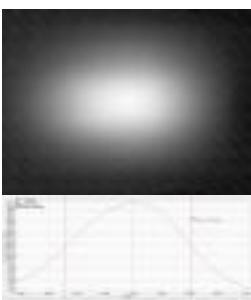
Cd/lm: 2.5

[LUMILEDS LUXEON Rebel White](#)

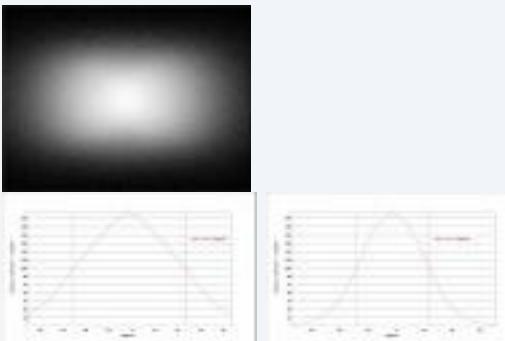
Eff: 84.3  
FWHM: 46 x 16  
Cd/lm: 3.1

[View](#)[LUMILEDS LUXEON T White](#)

Eff: 83  
FWHM: 44 x 24  
Cd/lm: 2.5

[View](#)[LUMILEDS LUXEON TX White](#)

Eff: 83  
FWHM: 49 x 26  
Cd/lm: 1.5

[View](#)

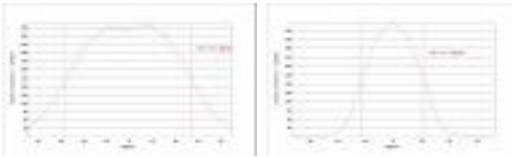
Eff: 85.5





FWHM: 55 x 22  
Cd/lm: 1.7

### LUMILEDS LUXEON Z ES White

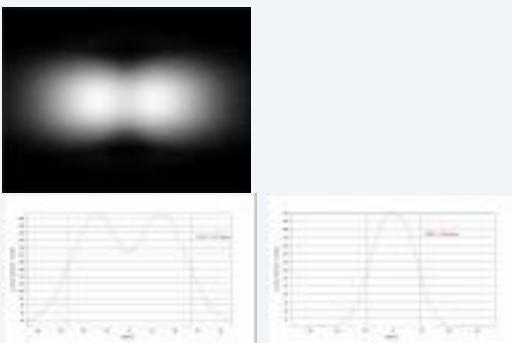


[View](#)



Eff: 86.3  
FWHM: 54 x 18  
Cd/lm: 2.32

### LUMILEDS LUXEON Z White

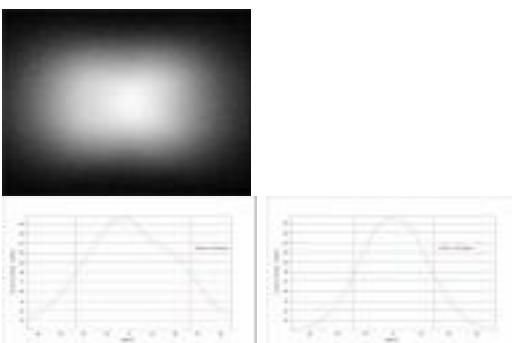


[View](#)



Eff: 83.5  
FWHM: 50 x 29  
Cd/lm: 1.32

### Nichia 757 White

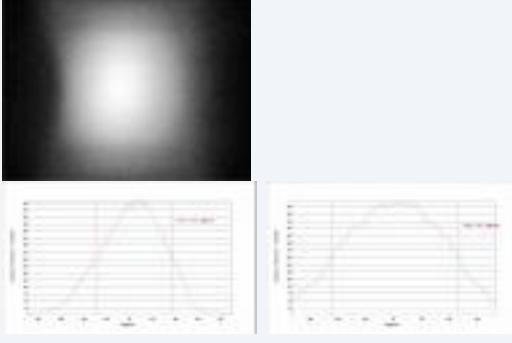


[View](#)



Eff: 84.5  
FWHM: 33 x 45  
Cd/lm: 1.4

### Nichia 757G White

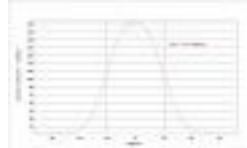
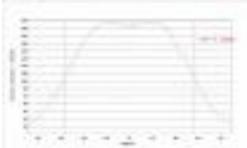


[View](#)



### Nichia NCSW E17A White

Eff: 85  
FWHM: 57 x 21  
Cd/lm: 1.48

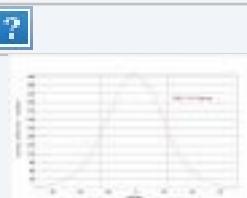


[View](#)



### Nichia NF2W 385AR-V2 White

Eff: 89  
FWHM: 42 x 24  
Cd/lm: 2.1

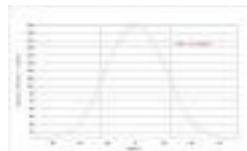


[View](#)



### Nichia NVSL 219B White

Eff: 84.5  
FWHM: 53 x 25  
Cd/lm: 1.6

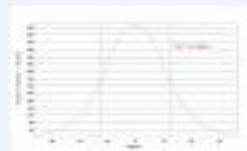
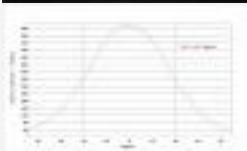


[View](#)



### Nichia NVSW 219C White

Eff: 89  
FWHM: 41 x 24  
Cd/lm: 2



[View](#)



### Nichia NVSW 319A White

Eff: 88  
FWHM: 41 x 27  
Cd/lm: 1.7



[View](#)



### Nichia NVSW E21A White

Eff: 84  
FWHM: 50 x 25  
Cd/lm: 1.39

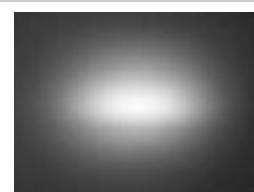


[View](#)



### Nichia Top Emitting NCSL 119-H3 White

Eff: 81.4  
FWHM: 44 x 21  
Cd/lm: 2.3



[View](#)



### Osram OS DURIS E 2835 White

Eff: 90  
FWHM: 43 x 19  
Cd/lm: 2.4

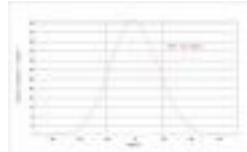
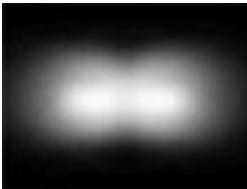


[View](#)



### Osram OS DURIS E2 White

Eff: 86  
FWHM: 54 x 20  
Cd/lm: 2.03

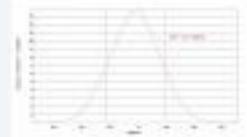
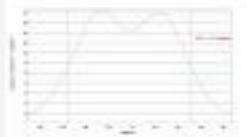


[View](#)



### Osram OS DURIS E3 White

Eff: 87.6  
FWHM: 53x20  
Cd/lm: 2.25

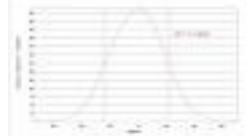
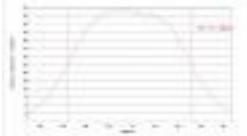


[View](#)



### Osram OS DURIS S2 White

Eff: 90.3  
FWHM: 54x23  
Cd/lm: 1.5

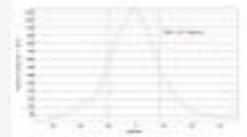
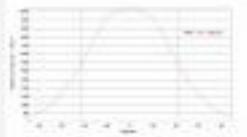


[View](#)



### Osram OS DURIS S5 Deep Blue

Eff: 89.5  
FWHM: 43 x 18  
Cd/lm: 2.5



[View](#)



### Osram OS DURIS S5 Green

Eff: 91  
FWHM: 43 X 19  
Cd/lm: 2.6

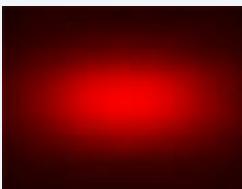


[View](#)



### Osram OS DURIS S5 Red

Eff: 91.5  
FWHM: 42 x 18  
Cd/lm: 3



[View](#)



### Osram OS DURIS S5 White

Eff: 84  
FWHM: 51 x 24  
Cd/lm: 1.54



[View](#)



### Osram OS OSLON Square Flat White

Eff: 91  
FWHM: 44 x 16  
Cd/lm: 3.1

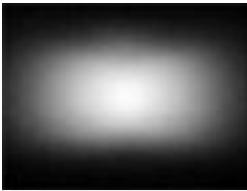


[View](#)



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

Eff: 83.3  
FWHM: 49 x 26  
Cd/lm: 1.6



[View](#)



[Osram OS OSLON Square White](#)

Eff: 83  
FWHM: 52 x 25  
Cd/lm: 1.59



[View](#)



[Osram OS OSLON SSL 150 degree White](#)

Eff: 87.1  
FWHM: 45 x 16  
Cd/lm: 4.1

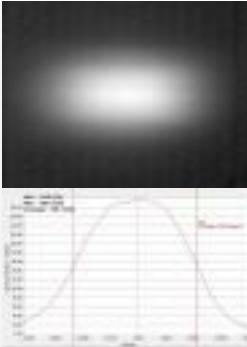


[View](#)



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

Eff: 85.5  
FWHM: 44x19  
Cd/lm: 3.2

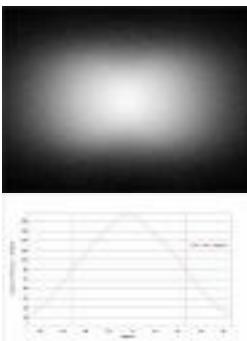


[View](#)



[Samsung 3535 LH351B White](#)

Eff: 82.7  
FWHM: 50 x 27  
Cd/lm: 1.48

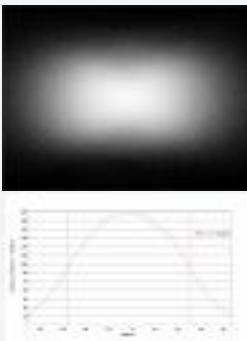


[View](#)



[Samsung 3535 LH351Z White](#)

Eff: 84  
FWHM: 53 x 24  
Cd/lm: 1.63



[View](#)



[Seoul MidPower MJT3030 White](#)

Eff: 83.5  
FWHM: 51 x 25  
Cd/lm: 1.54

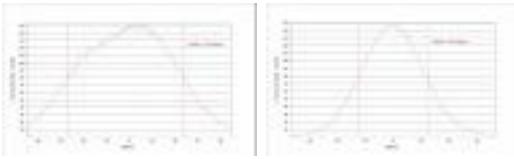


[View](#)



### [Seoul Z - Power Z5 M1 White](#)

Eff: 83.3  
FWHM: 48 x 27  
Cd/lm: 1.5



[View](#)



### [SSC Z - Power Z5 White](#)

Eff: 84.3  
FWHM: 44 x 16  
Cd/lm: 3.7



[View](#)



### [SSC Z - Power Z5P White](#)

FWHM: 46 x 20  
Cd/lm: 3.2



[View](#)



Eff: 82  
FWHM: 50 x 27

[View](#)

[Toshiba TL 1L2 White](#)

Cd/lm: 1.5



**TOSHIBA**

[Toshiba TL 1L4 White](#)

Eff: 83

FWHM: 48 x 27

Cd/lm: 1.5



[View](#)