

## 10.0mm Medium Spot Top Lens TIR (10417)

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Part no.	10417
Drawing no.	60553
Family	10mm
Type	TIR
Diameter	10.0
Beam	Medium Spot
Finish	Top Lens


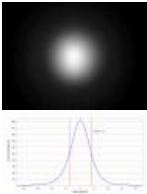

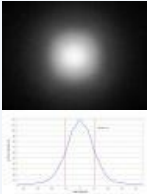

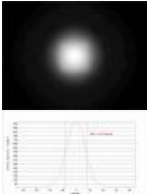

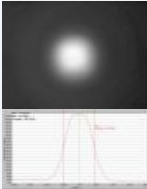


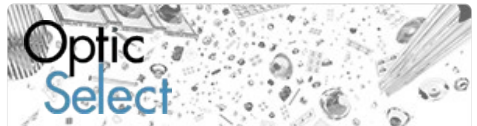
### LEDs & Performances

Select LED to view available holders

Columns

Columns

Manu.	Performance Data	Images	IES/STP
 <a href="#">Bridgelux SMD 3030 Gen2 White</a>	Eff: 91.5 FWHM: 15 x 18 Cd/lm: 7.6		<a href="#">View</a>
 <a href="#">Cree JB3030 3V White</a>	Eff: 91.5 FWHM: 21 Cd/lm: 4.5		<a href="#">View</a>
 <a href="#">Cree XLamp CSP XD16 Cool White</a>	Eff: 91 FWHM: 17 Cd/lm: 6.3		<a href="#">View</a>
 <a href="#">Cree XLamp XB-D White</a>	Eff: 84.2 FWHM: 19 Cd/lm: 7.9		<a href="#">View</a>



### Search by LED/Light Engine manufacturer

Seoul	Lite-On
Broadcom	LG Innotek
Samsung	Stanley
Everlight	Osram DS
Osram OS	Toshiba
Lextar	Bridgelux
LEDEngin	Citizen
Philips Fortimo	Nichia
Luminus Devices	Tridonic
LUMILEDS	Sharp
Cree	Plessey

### Optic Select search by optic type

Reflector	Side Emitter
Freeform	TIR
Bubble	Side Emitter Strip
Hybrid	Strip
Silicone	Catadioptric

🔍 Search by part number

🔍 Find your local distributor

📄 Large orders

🛠 Custom design

### Quick Enquiry

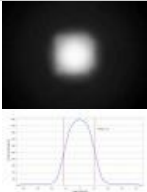
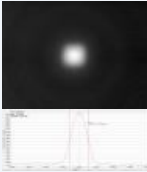
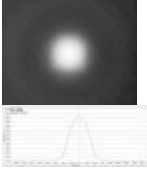
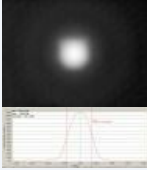
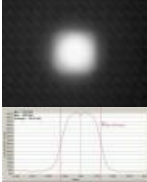
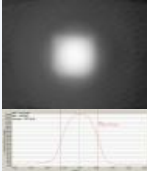
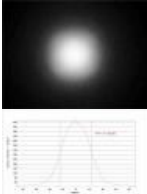
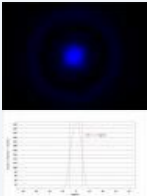
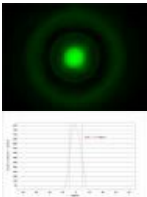
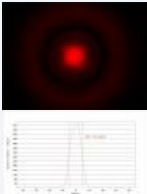
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company name

phone number

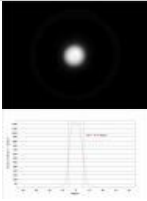
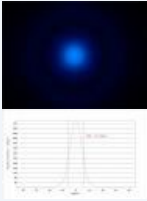
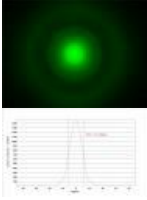
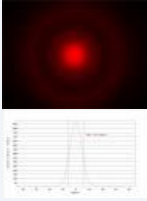
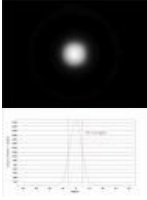
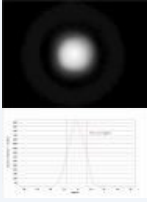
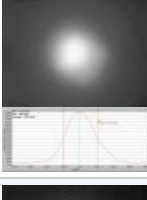
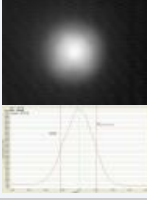
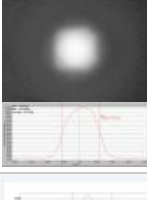
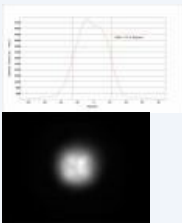
email



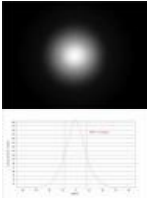
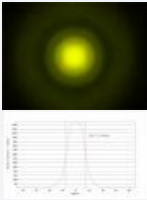
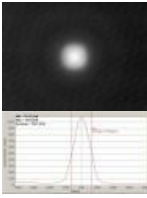
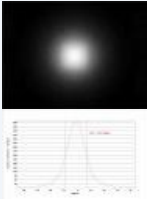


message

Manu.	Performance Data	Images	IES/STP
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XB-H White</a>	Eff: 89.5 FWHM: 22 Cd/lm: 5.7		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XP-C White</a>	Eff: 87.4 FWHM: 10 Cd/lm: 22.7		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XP-E White</a>	Eff: 88.7 FWHM: 16 Cd/lm: 9.8		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XP-E2 White</a>	FWHM: 16 Cd/lm: 12.7		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XP-G White</a>	Eff: 87.3 FWHM: 24 Cd/lm: 4.9		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XP-G2 White</a>	FWHM: 23 Cd/lm: 6.2		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XP-G3 White</a>	Eff: 86 FWHM: 25 Cd/lm: 3.37		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XQ-A Blue</a>	Eff: 89 FWHM: 10 Cd/lm: 26.7		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XQ-A Green</a>	Eff: 89.5 FWHM: 10 Cd/lm: 26		<a href="#">View</a>
<b>CREE</b> <small>* 1.83 Terawatt Per Watt</small> <a href="#">Cree XLamp XQ-A Red</a>	Eff: 89.5 FWHM: 10 Cd/lm: 24.8		<a href="#">View</a>


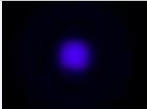

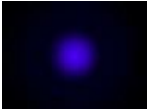
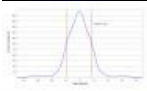

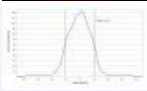

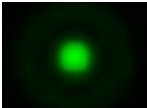

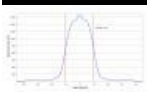






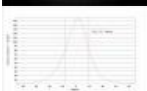
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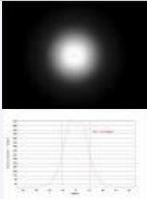



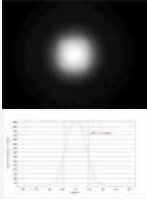

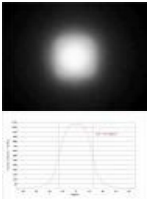

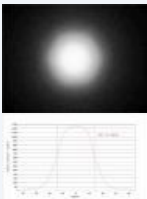

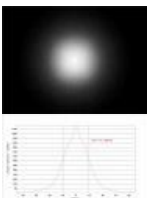

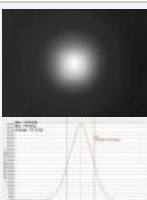

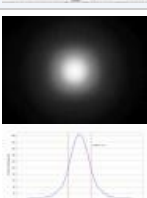

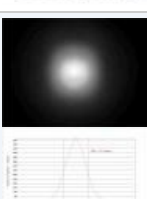

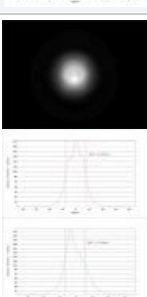
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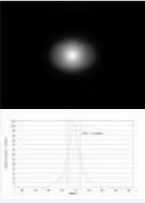
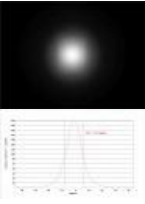
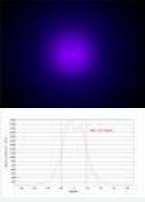
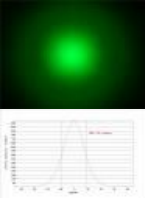
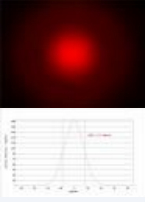
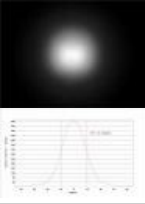
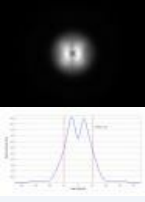
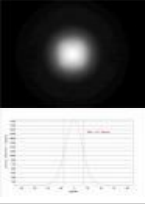
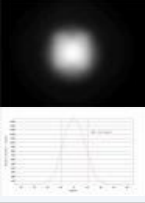
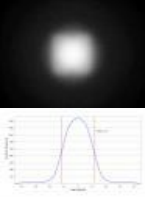
Manu.	Performance Data	Images	IES/STP
<b>CREE</b> <small>* L85 Tolerance Provided</small> <a href="#">Cree XLamp XQ-A White</a>	Eff: 86 FWHM: 11 Cd/lm: 22.06		<a href="#">View</a>
<b>CREE</b> <small>* L85 Tolerance Provided</small> <a href="#">Cree XLamp XQ-E HI Blue</a>	Eff: 89.5 FWHM: 11.5° Cd/lm: 14.7		<a href="#">View</a>
<b>CREE</b> <small>* L85 Tolerance Provided</small> <a href="#">Cree XLamp XQ-E HI Green</a>	Eff: 90 FWHM: 12 Cd/lm: 14.6		<a href="#">View</a>
<b>CREE</b> <small>* L85 Tolerance Provided</small> <a href="#">Cree XLamp XQ-E HI Red</a>	Eff: 90.5 FWHM: 12 Cd/lm: 16.2		<a href="#">View</a>
<b>CREE</b> <small>* L85 Tolerance Provided</small> <a href="#">Cree XLamp XQ-E HI White</a>	Eff: 87 FWHM: 11 Cd/lm: 15.9		<a href="#">View</a>
<b>CREE</b> <small>* L85 Tolerance Provided</small> <a href="#">Cree XLamp XQ-E White</a>	Eff: 87 FWHM: 15 Cd/lm: 9.3		<a href="#">View</a>
<b>CREE</b> <small>* L85 Tolerance Provided</small> <a href="#">Cree XLamp XT-E White</a>	FWHM: 22 Cd/lm: 5.6		<a href="#">View</a>
<b>EVERLIGHT</b> <a href="#">Everlight Shuen White</a>	Eff: 85 FWHM: 21 Cd/lm: 5.2		<a href="#">View</a>
<b>LG</b> <small>Life's Good</small> <a href="#">LG 3535LG White</a>	FWHM: 23 Cd/lm: 2.1		<a href="#">View</a>
<b>LITEON</b> <a href="#">Lite-On R38386AS - S R38 IR</a>	Eff: 91 FWHM: 24 Cd/lm: 4.5		<a href="#">View</a>

Manu.	Performance Data	Images	IES/STP
 <a href="#">LUMILEDS LUXEON 3030 (LUXEON) White</a>	Eff: 86 FWHM: 19 x 15 Cd/lm: 5.26		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON 3535 HV White</a>	Eff: 87.2 FWHM: 16 Cd/lm: 6.33		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON 3535 L White</a>	Eff: 87 FWHM: 16 Cd/lm: 6.41		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON C Lime</a>	Eff: 83 FWHM: 15 Cd/lm: 8.8		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON C White</a>	Eff: 83.3 FWHM: 12 Cd/lm: 15.8		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON CSP 10 White</a>	Eff: 88 FWHM: 16 Cd/lm: 3.67		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON CZ</a>	Eff: 90 FWHM: 11 Cd/lm: 19.3		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON IR Compact 850nm</a>	Eff: 91 FWHM: 14 Cd/lm: 11.1		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON IR Domed 150 Degree</a>	Eff: 89 FWHM: 17 Cd/lm: 7.9		<a href="#">View</a>

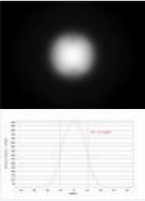
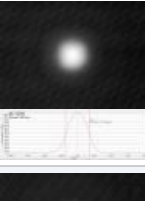
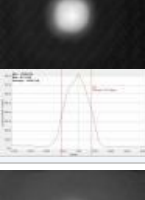
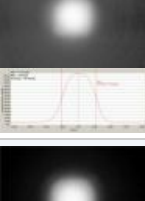

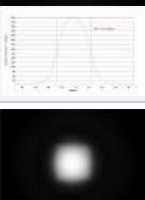

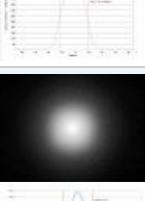


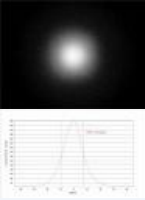

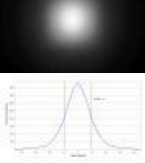

Manu.	Performance Data	Images	IES/STP
 <a href="#">LUMILEDS LUXEON MZ White</a>	Eff: 88 FWHM: 31 Cd/lm: 1.72		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON Q White</a>	Eff: 84.6 FWHM: 20 Cd/lm: 4.4		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON R White</a>	Eff: 86.2 FWHM: 25 Cd/lm: 4.9		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON Rebel ES White</a>	Eff: 86.2 FWHM: 25 Cd/lm: 4.9		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON Rebel White</a>	Eff: 84.5 FWHM: 18 Cd/lm: 9.7		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON Rubix White</a>	Eff: 89.5 FWHM: 12 Cd/lm: 17.1		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON T White</a>	Eff: 86.2 FWHM: 25 Cd/lm: 4.9		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON TX White</a>	Eff: 86.2 FWHM: 22 Cd/lm: 4.7		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON Z ES White</a>	Eff: 89 FWHM: 16 Cd/lm: 8.3		<a href="#">View</a>
 <a href="#">LUMILEDS LUXEON Z White</a>	Eff: 87 FWHM: 12 Cd/lm: 14.47		<a href="#">View</a>


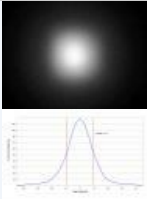

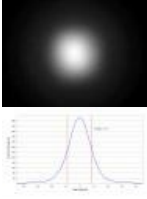

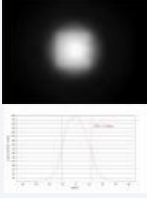

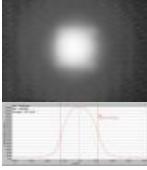

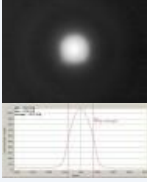

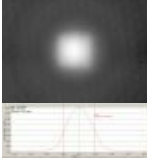
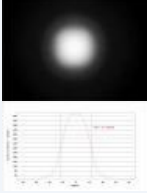
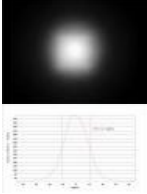
Manu.	Performance Data	Images	IES/STP
 <a href="#">Luminus Devices SST 10-B-B130 Blue</a>	Eff: 90 FWHM: 18 Cd/lm: 9.5	 	<a href="#">View</a>
 <a href="#">Luminus Devices SST 10-B-B90 Blue</a>	Eff: 89 FWHM: 19 Cd/lm: 8.1	 	<a href="#">View</a>
 <a href="#">Luminus Devices SST 10-DR-B90 Deep Red</a>	Eff: 90 FWHM: 21 Cd/lm: 7.7	 	<a href="#">View</a>
 <a href="#">Luminus Devices SST 10-G-B130 Green</a>	Eff: 91 FWHM: 18 Cd/lm: 9.7	 	<a href="#">View</a>
 <a href="#">Luminus Devices SST 10-G-B90 Green</a>	Eff: 90 FWHM: 20 Cd/lm: 8	 	<a href="#">View</a>
 <a href="#">Luminus Devices SST-10-IR B130 Infra Red</a>	Eff: 92.5 FWHM: 20 Cd/lm: 7.1	 	<a href="#">View</a>
 <a href="#">Luminus Devices SST-10-IR B90 Infra Red</a>	Eff: 91.5 FWHM: 23 Cd/lm: 6.3	 	<a href="#">View</a>
 <a href="#">Nichia 219 White</a>	FWHM: 24 Cd/lm: 5.1	 	<a href="#">View</a>
 <a href="#">Nichia 757 White</a>	Eff: 88 FWHM: 18 Cd/lm: 4.11	 	<a href="#">View</a>
 <a href="#">Nichia 757G White</a>	Eff: 90.5 FWHM: 20 Cd/lm: 4.5	 	<a href="#">View</a>

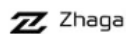
Manu.	Performance Data	Images	IES/STP
 <a href="#">Nichia NCSW E17A White</a>	Eff: 87 FWHM: 21 Cd/lm: 4.16		<a href="#">View</a>
 <a href="#">Nichia NF2W 385AR-V2 White</a>	Eff: 90 FWHM: 25 Cd/lm: 3.8		<a href="#">View</a>
 <a href="#">Nichia NVSL 219B White</a>	Eff: 88.5 FWHM: 18 Cd/lm: 6.4		<a href="#">View</a>
 <a href="#">Nichia NVSW 219C White</a>	Eff: 89 FWHM: 26 Cd/lm: 3.5		<a href="#">View</a>
 <a href="#">Nichia NVSW 319A White</a>	Eff: 88 FWHM: 29 Cd/lm: 2.7		<a href="#">View</a>
 <a href="#">Nichia NVSW E21A White</a>	Eff: 87 FWHM: 20 Cd/lm: 4.16		<a href="#">View</a>
 <a href="#">Nichia Top Emitting NCSL 119-H3 White</a>	Eff: 82.6 FWHM: 17 Cd/lm: 7.7		<a href="#">View</a>
 <a href="#">Osram OS DURIS E 2835 Gen2</a>	Eff: 91.5 FWHM: 16 Cd/lm: 7.2		<a href="#">View</a>
 <a href="#">Osram OS DURIS E 2835 White</a>	Eff: 90 FWHM: 19 Cd/lm: 6		<a href="#">View</a>
 <a href="#">Osram OS DURIS E2 White</a>	Eff: 88 FWHM: 15 x 12 Cd/lm: 10.73		<a href="#">View</a>

Manu.	Performance Data	Images	IES/STP
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS DURIS E3 White</a>	Eff: 89.1 FWHM: 9 Cd/lm: 14.86		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS DURIS S2 White</a>	Eff: 92.7 FWHM: 14 Cd/lm: 7.4		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS DURIS S5 Deep Blue</a>	Eff: 89.5 FWHM: 18 Cd/lm: 6.1		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS DURIS S5 Green</a>	Eff: 90.5 FWHM: 17 Cd/lm: 6.5		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS DURIS S5 Red</a>	Eff: 91 FWHM: 16 Cd/lm: 7.8		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS DURIS S5 White</a>	Eff: 88 FWHM: 19 Cd/lm: 4.73		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS OSLON Black SFH 4725S IR</a>	Eff: 92.5 FWHM: 22 Cd/lm: 6		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS OSLON Square Flat White</a>	Eff: 90 FWHM: 15 Cd/lm: 9		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS OSLON Square Gen 3 White</a>	Eff: 86.8 FWHM: 20 Cd/lm: 5.2		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS OSLON Square Gen 5 GW CSSRM3</a>	Eff: 90.5 FWHM: 42 x 22 Cd/lm: 2.7		<a href="#">View</a>



Manu.	Performance Data	Images	IES/STP
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS OSLO Square White</a>	Eff: 86 FWHM: 21 Cd/lm: 5.28		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS OSLO SSL 150 degree White</a>	Eff: 85.7 FWHM: 14 Cd/lm: 12.7		<a href="#">View</a>
<b>OSRAM</b> <small>Opto Semiconductors</small> <a href="#">Osram OS OSLO SSL 80 degree White</a>	Eff: 85.5 FWHM: 19 Cd/lm: 8.6		<a href="#">View</a>
 <a href="#">Samsung 3535 LH351A White</a>	FWHM: 22 Cd/lm: 6.3		<a href="#">View</a>
 <a href="#">Samsung 3535 LH351B White</a>	Eff: 86.7 FWHM: 25 Cd/lm: 3.73		<a href="#">View</a>
 <a href="#">Samsung 3535 LH351Z White</a>	Eff: 86.5 FWHM: 21 Cd/lm: 5.91		<a href="#">View</a>
 <a href="#">Samsung CSP LH181B White</a>	Eff: 92 FWHM: 20.5 Cd/lm: 4.9		<a href="#">View</a>
 <a href="#">Samsung CSP LM101B White</a>	Eff: 92 FWHM: 18 Cd/lm: 6.7		<a href="#">View</a>
 <a href="#">Seoul MidPower MJT3030 White</a>	Eff: 87 FWHM: 16 Cd/lm: 6		<a href="#">View</a>
 <a href="#">Seoul STW8 C2SB-NT White</a>	Eff: 91 FWHM: 19 Cd/lm: 5.4		<a href="#">View</a>

Manu.	Performance Data	Images	IES/STP
 <a href="#">Seoul STWS C2PB-E0 White</a>	Eff: 91.5 FWHM: 19 Cd/lm: 5.3		<a href="#">View</a>
 <a href="#">Seoul SunLike STW9 C2SB-S</a>	Eff: 91.5 FWHM: 18 Cd/lm: 6.4		<a href="#">View</a>
 <a href="#">Seoul Z - Power Z5 M1 White</a>	Eff: 87 FWHM: 22 Cd/lm: 4.6		<a href="#">View</a>
 <a href="#">Seoul Z - Power Z5M White</a>	FWHM: 22 Cd/lm: 6		<a href="#">View</a>
 <a href="#">SSC Z - Power Z5 White</a>	Eff: 84.8 FWHM: 16 Cd/lm: 12.8		<a href="#">View</a>
 <a href="#">SSC Z - Power Z5P White</a>	FWHM: 18 Cd/lm: 8.4		<a href="#">View</a>
<b>TOSHIBA</b> <a href="#">Toshiba TL 1L2 White</a>	Eff: 85 FWHM: 23 Cd/lm: 4.35		<a href="#">View</a>
<b>TOSHIBA</b> <a href="#">Toshiba TL 1L4 White</a>	Eff: 86 FWHM: 22 Cd/lm: 4.2		<a href="#">View</a>



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