

## 20.0mm Medium Spot Frosted TIR (10139)







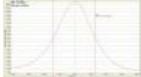




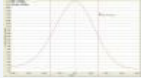





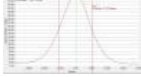

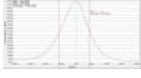


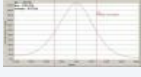



<b>Part no.</b>	10139
<b>Drawing no.</b>	60424
<b>Family</b>	20mm
<b>Type</b>	TIR
<b>Diameter</b>	20.0
<b>Beam</b>	Medium Spot
<b>Finish</b>	Frosted



### LEDs & Performances

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	<a href="#">Avago Jade White</a>	87.40	23.1	4.30			
	<a href="#">Cree XLamp MX-6 White</a>	87.40	25.8	3.50			
	<a href="#">Cree XLamp XB-D White</a>		19.7	6.90			
	<a href="#">Cree XLamp XM-L White</a>	82.50	24.1	4.10			
	<a href="#">Cree XLamp XP-C White</a>	83.80	16	8.00			
	<a href="#">Cree XLamp XP-E2 White</a>		17.5	8.00			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	<a href="#">Cree XLamp XP-G White</a>	82.10	21.2	5.00			
	<a href="#">Cree XLamp XP-G2 White</a>		20.1	5.90			
	<a href="#">Cree XLamp XT-E White</a>		21	5.80			
	<a href="#">Everlight Shuen White</a>	82.40	20.1	4.90			
	<a href="#">LEDEngin 3W White</a>	82.30	26.6	3.10			
	<a href="#">LEDEngin 5W White</a>	82.30	24.6	3.40			
	<a href="#">Lumileds Luxeon C White</a>	82.00	15.8	7.80			
	<a href="#">Luminus Devices SST-50 White</a>	82.20	30.7	2.60			
	<a href="#">Nichia 219 White</a>		21.1	5.60			
	<a href="#">Nichia Top Emitting NCSL 119-H3 White</a>	84.20	19.6	6.00			
	<a href="#">Osram Dragon Plus W5AM White</a>	83.90	21.2	4.70			
	<a href="#">Osram Oslon SSL 150 degree White</a>	83.30	17.2	7.40			
	<a href="#">Osram Oslon SSL 80 degree White</a>	82.50	19.4	5.70			
	<a href="#">Samsung 3535 White</a>		20.1	6.30			
	<a href="#">SSC P4 White</a>	81.50	22.4	4.30			
	<a href="#">SSC Z - Power Z1 White</a>	81.00	27.7	2.80			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	<a href="#">SSC Z - Power Z5 White</a>	83.20	20.7	5.40			
	<a href="#">SSC Z - Power Z5M White</a>		20.6	5.40			
	<a href="#">SSC Z - Power Z5P White</a>		20.1	6.10			
	<a href="#">Stanley 1N White</a>		26.4	3.60			