

## 20.0mm Wide Spot Frosted TIR (10140)










<b>Part no.</b>	10140
<b>Drawing no.</b>	60460
<b>Family</b>	20mm
<b>Type</b>	TIR
<b>Diameter</b>	20.0
<b>Beam</b>	Wide Spot
<b>Finish</b>	Frosted



### LEDs & Performances

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	<a href="#">Avago Jade White</a>	82.20	31.5	2.50			
	<a href="#">Cree XLamp MX-6 White</a>	79.10	35.7	2.20			
	<a href="#">Cree XLamp XB-D White</a>		28.3	3.60			
	<a href="#">Cree XLamp XM-L White</a>	78.30	33.5	2.30			
	<a href="#">Cree XLamp XP-C White</a>	80.90	24.6	3.70			
	<a href="#">Cree XLamp XP-E2 White</a>		30.7	3.40			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	<a href="#">Cree XLamp XP-G White</a>	79.10	31.1	2.60			
	<a href="#">Cree XLamp XP-G2 White</a>		27.8	3.50			
	<a href="#">Cree XLamp XT-E White</a>		30.1	5.80			
	<a href="#">Everlight Shuen White</a>	81.20	34.4	2.20			
	<a href="#">LEDEngin 3W White</a>	76.90	38.6	1.70			
	<a href="#">LEDEngin 5W White</a>	77.30	38.1	1.70			
	<a href="#">Lumileds Luxeon C White</a>	79.50	27.2	3.20			
	<a href="#">Luminus Devices SST-50 White</a>	75.00	48.9	1.10			
	<a href="#">Nichia 219 White</a>		32.1	6.60			
	<a href="#">Nichia Top Emitting NCSL 119-H3 White</a>	81.40	29.7	3.10			
	<a href="#">Osram Dragon Plus W5AM White</a>	78.90	36.5	1.90			
	<a href="#">Osram Oslon SSL 150 degree White</a>	82.90	22.9	4.50			
	<a href="#">Osram Oslon SSL 80 degree White</a>	78.50	31	2.70			
	<a href="#">Samsung 3535 White</a>		28.5	3.50			
	<a href="#">SSC P4 White</a>	78.30	38.5	1.80			
	<a href="#">SSC Z - Power Z1 White</a>	76.40	43.4	1.40			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	<a href="#">SSC Z - Power Z5 White</a>	80.80	26.4	3.30			
	<a href="#">SSC Z - Power Z5M White</a>		32.8	2.70			
	<a href="#">SSC Z - Power Z5P White</a>		26.9	3.50			
	<a href="#">Stanley 1N White</a>		43.1	1.70	