

## 20.0mm Medium Spot Ripple Circular TIR (10208)




























<b>Part no.</b>	10208
<b>Drawing no.</b>	60440
<b>Family</b>	20mm
<b>Type</b>	TIR
<b>Diameter</b>	20.0
<b>Beam</b>	Medium Spot
<b>Finish</b>	Ripple Circular



### LEDs & Performances

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
 CREE <small>* IES Selection Provider</small>	<a href="#">Cree XLamp MC-E White</a>	79.40	31.8	3.00			
 CREE <small>* IES Selection Provider</small>	<a href="#">Cree XLamp XM-L White</a>		32.3	3.90			
 CREE <small>* IES Selection Provider</small>	<a href="#">Cree XLamp XP-E White</a>	83.40	28.1	4.60			
 LG <small>LOWE'S Good</small>	<a href="#">LG 3535 White</a>		30	4.60			
 LUXEON <small>BY PHILIPS LUMILEDS</small>	<a href="#">Lumileds Luxeon R White</a>	81.20	29.9	4.10			
 LUXEON <small>BY PHILIPS LUMILEDS</small>	<a href="#">Lumileds Luxeon Rebel ES White</a>	81.20	29.9	4.10			
 LUXEON <small>BY PHILIPS LUMILEDS</small>	<a href="#">Lumileds Luxeon Rebel White</a>	83.20	30	4.70			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	<a href="#">Lumileds Luxeon T White</a>	81.20	30	4.10			
	<a href="#">Nichia Top Emitting 083 White</a>	82.80	30.6	3.90			
	<a href="#">Nichia Top Emitting NFSW 036 White</a>	81.60	30	3.80			
	<a href="#">Nichia Top Emitting NS3W 183T White</a>	85.20	30.2	3.50			
	<a href="#">Osram Dragon Golden Dragon W5SM White</a>	84.60	29.2	4.10			
	<a href="#">Osram Dragon Platinum Dragon W5SN White</a>	83.70	30	3.90			
	<a href="#">Samsung WH5 White</a>	85.20	31.8	4.10	