

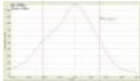



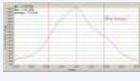



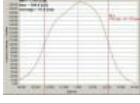










20.0mm Wide Spot Ripple Circular TIR (10003/25)




































































Part no.	10003/25
Drawing no.	60319
Family	20mm
Type	TIR
Diameter	20.0
Beam	Wide Spot
Finish	Ripple Circular



LEDs & Performances

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	Avago Jade White	85.30	35.3	2.20			
	Cree XLamp MX-6 White	85.10	36.5	2.20			
	Cree XLamp XM-L White	81.00	43.3	1.90			
	Cree XLamp XP-C White	83.70	23	3.40			
	Cree XLamp XP-E2 White		27	3.50			
	Cree XLamp XP-G White	82.90	37.4	2.10			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	Cree XLamp XP-G2 White		39.9	2.80			
	Everlight Shuen White	82.00	41	2.00			
	LEDEngin 3W White	80.50	40.5	1.80			
	LEDEngin 5W White	80.50	40.6	1.80			
	Lumileds Luxeon C White	82.40	33.7	2.90			
	Luminus Devices SST-50 White	79.30	28.9	2.40			
	Nichia 219 White		40	2.80			
	Nichia Top Emitting NCSL 119-H3 White	83.80	32.8	3.10			
	Osram Dragon Plus W5AM White	83.90	32.5	4.70			
	Osram Oslon SSL 150 degree White	83.90	30.7	3.00			
	Osram Oslon SSL 80 degree White	81.90	34	2.60			
	Samsung 3535 White		27.1	3.30			
	SSC P4 White	88.00	41.4	1.60			
	SSC Z - Power Z1 White	79.00	37.9	1.90			
	SSC Z - Power Z5 White	82.90	36.8	2.70			
	SSC Z - Power Z5M White		38.8	2.70			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	SSC Z - Power Z5P White		37.7	2.50	