

20.0mm Narrow Spot Plain TIR (10193)
































Part no.	10193
Drawing no.	60431
Family	20mm
Type	TIR
Diameter	20.0
Beam	Narrow Spot
Finish	Plain



LEDs & Performances

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	Cree XLamp MC-E White	84.50	20	5.80			
	Cree XLamp XM-L White		16.2	10.10			
	Cree XLamp XP-E White	87.30	8.2	36.30			
	LG 3535 White		11.3	21.10			
	Lumileds Luxeon R White	85.60	12.3	18.20			
	Lumileds Luxeon Rebel ES White	85.60	12.3	18.20			
	Lumileds Luxeon Rebel White	87.10	8.6	32.50			

Manu.	LED	Eff.	FWHM	Cd/lm	Spot	Cross section	.IES File
	Lumileds Luxeon T White	85.60	12.3	18.20			
	Nichia Top Emitting 083 White	86.90	10.3	12.10			
	Nichia Top Emitting NFSW 036 White	88.60	5.1	41.40			
	Nichia Top Emitting NS3W 183T White	89.30	9.1	23.10			
	Osram Dragon Golden Dragon W5SM White	90.00	5.4	30.00			
	Osram Dragon Platinum Dragon W5SN White	86.00	5.9	36.00			
	Samsung WH5 White	88.30	11.9	9.90			
	SSC Acrich A2000 White	87.50	20.7	5.90	