

R0.5

20.0MM RIPPLE WIDE TIR

Status Production
Part no. 10209
Drawing no. 60441
Product type Optic
Type TIR
Pieces 1
Diameter 20.0
Height 9.90
Beam Ripple Wide
Flange Yes
Products description *****Important note***** Due to new tooling in a second location we are seeing a variation in the FWHM and hence the Cd/Lm values. Please use the details below as a guide until we have had time to investigate and correct the issues we are seeing.



Files Customer drawing (PDF)
Customer 3D model (.igs)

LEDs & Performances	Eff.	FWHM	Cd/lm	Spot	Cross-section	Files
Lumileds Rebel Cool White	79.0%	24	3.1			10209_rebel_white_250408.ies
Lumileds Rebel Neutral White	81.9%	37	2.6			10209_rebel_neutral_white_250408.ies
Lumileds Rebel Warm White	78.1%	20.9	3.6			10209_rebel_warm_white_250408.ies
Cree MC-E XLamp® White	80.0%	36.5	1.9			10209_Cree_MCE_white_250408.ies
Cree XP-E XLamp® White	81.7%	20.5	3.4			10209_cree_xpe_white_250408.ies
Osram Golden Dragon W5SG Dragon White	83.0%	18.7	3.3			10209_Dragon_W5SG_White_250408.ies 10209_Dragon_W5SG_White_250408.ltd
Osram Platinum Dragon W5SN Dragon White	83.0%	17	3.3			10209_PlattDragon_W5SN_wht_250408.ltd 10209_PlattDragon_W5SN_wht_250408.ies
Osram Golden Dragon W5SM Dragon White	86.0%	16	3.4			10209_Dragon_W5SM_White_250408.ltd 10209_Dragon_W5SM_White_250408.ies
SSC A2 Acriche White	79.1%	41.3	1.9			10209_seoul_Acriche2000_cWhite_250408.ies

Product Name	Efficiency (%)	Beam Diameter (mm)	Beam Spread (mrad)	Beam Profile Image	Spectral Power Distribution Graph	IES File Name
Nichia NFSW 036 Top Emitting Cool White	82.7%	23.8	2.8			
Nichia WS6W 083 Top Emitting Cool White	80.2%	37	2.1			10209_Nichia_083_CoolWhite_250408.ies
Nichia NS3W 183T Top Emitting White	83.3%	35.4	2.2			10209_Nichia_183_White_250408.ies
Stanley 1643 Cool White	78.6%	34.9	2.2			10209_SCW1643US_cool white_250408.ies
Stanley 1653 Warm White	78.9%	31.8	4.7			
Samsung Sunnix WH5 White	82.8%	38.2	2.0			10209_Sunnix Samsung_SLHNN WH5_cWhite_250408.ies

Related Holders & LEDs	Cree MC-E XLamp® White	Cree XP-E XLamp® White	Lumileds Rebel Cool White	Lumileds Rebel Neutral White	Lumileds Rebel Warm White	Nichia NFSW 036 Top Emitting Cool White	Nichia NS3W 183T Top Emitting White	Nichia WS6W 083 Top Emitting Cool White	Osram Golden Dragon W5SG Dragon White	Osram Golden Dragon W5SM Dragon White	Osram Platinum Dragon W5SN Dragon White	Samsung Sunnix WH5 White	SSC A2 Acriche White	Stanley 1643 Cool White	Stanley 1653 Warm White
10148 20.0mm Circular Black									✓	✓	✓				
10149 20.0mm Circular Clear									✓	✓	✓				
10150 20.0mm Circular White									✓	✓	✓				
10235 20.0mm Circular Black			✓	✓	✓										
10236 20.0mm Circular White			✓	✓	✓										
10237 20.0mm Circular Clear			✓	✓	✓										
10279 50.0mm Triple White		✓	✓	✓	✓	✓		✓							
10289 50.0mm Triple White		✓	✓	✓	✓	✓		✓							
10299 50.0mm Triple Black		✓	✓	✓	✓	✓		✓							
10309 50.0mm Triple Black		✓	✓	✓	✓	✓		✓							
10431 20.0mm Hexagonal Black			✓	✓	✓										
10432 20.0mm Hexagonal Clear			✓	✓	✓										
10433 20.0mm Hexagonal White			✓	✓	✓										
10434 20.0mm Hexagonal Black			✓	✓	✓										
10435 20.0mm Hexagonal Clear			✓	✓	✓										
10436 20.0mm Hexagonal White			✓	✓	✓										
10566 20.0mm Circular Black		✓				✓									
10567 20.0mm Circular White		✓				✓									
10568 20.0mm Circular Clear		✓				✓									

