

CREE XP-E LED 10mm range

Part No.	Description	White		
		FWHM#	EFF	Cd/lm
10412	Plain Medium Flat Front			
10417	Plain Medium Lens Front	16.4	88.7%	9.8
10413	Frosted Medium	17.95	90.1%	6.95
10414	Frosted Wide	25.9	87.2%	3.2
10415	Elliptical	43.3*16.3	88.1%	3.5

Full Width Half Maximum i.e. total viewing angle

Carclo Technical Plastics

111 Buckingham Avenue, Slough, Berkshire SL1 4PF ENGLAND / 600 Depot Street Latrobe PA. 15650 USA

Web: www.carclo-optics.com e-mail: sales@carclo-optics.com

Tel UK: 0044 (0) 1753 575011 Tel USA 00 (1) 724 539 6982

CREE XP-E LED 20mm range

Part No.	Description	White		
		FWHM [#]	EFF	Cd/lm
10193	Plain Tight	8.2	87.3%	36.3
10194	Frosted Narrow	10.35	86.9%	20.75
10208	Ripple Medium	19.5	86.9%	7.16
10195	Medium Frosted	17.9	82.9%	5.95
10209	Ripple Wide	20.5	81.7%	3.4
10196	Wide Frosted	31.5	78.1%	2.46
10197	Elliptical	47.4*8	86.0%	6.5
10198	Elliptical Orthogonal*	8*47.4	85.6%	6.6

*Orthogonal is the elliptical beam turned through 90deg.

Full Width Half Maximum i.e. total viewing angle

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CREE XP-E LED 26.5mm range

Part No.	Description	White		
		FWHM#	EFF	Cd/lm
10048	Plain Tight			
10124	Frosted Narrow			
10108	Medium Frosted			
10260	Frosted Wide			
10049	Elliptical			
10224	Elliptical Orthogonal*			
10234	Elliptical Ramp Optic			

*Orthogonal is the elliptical beam turned through 90deg.

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