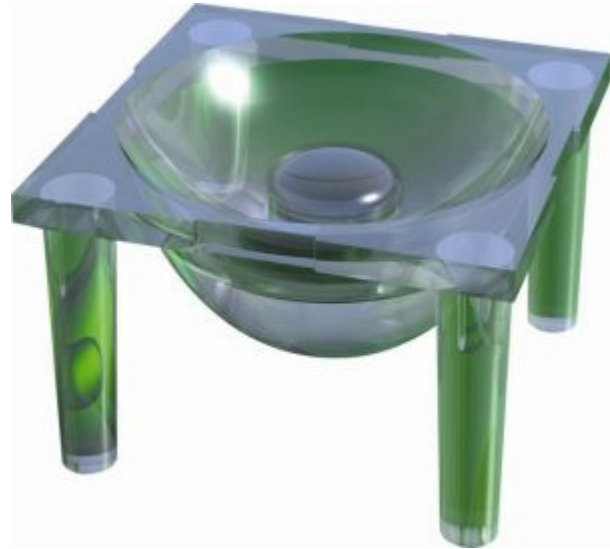


## 10.0MM ELLIPTICAL TIR

<b>Status</b>	Production
<b>Part no.</b>	10415
<b>Drawing no.</b>	60518
<b>Product type</b>	Optic
<b>Type</b>	TIR
<b>Pieces</b>	1
<b>Diameter</b>	10.0
<b>Height</b>	6.00
<b>Beam</b>	Elliptical
<b>Flange</b>	Yes
<b>Files</b>	Customer drawing (PDF) Customer 3D model (.igs)



LEDs & Performances	Eff.	FWHM	Cd/lm	Spot	Cross-section	Files
Lumileds Rebel Cool White	84.3%	46x16	3.1			10415_Rebel_White_250408.ies
Lumileds Rebel Neutral White	85.5%	43 x 19	2.9			10415_Rebel_Neutral_White_250408.ies
Lumileds Rebel Warm White	85.4%	44.1 x 17.4	3.7			10415_Rebel_Warm_White_250408.ies
Cree XP-E XLamp® White	88.1%	43 x 16	3.5			10415_cree_xpe_white_250408.ies
Cree XP-G XLamp® White	86.5%	43.6 x 23.3	2.6			10415_cree_xpg_white_250408.ies
Osram Oslon SSL Oslon Ultra White	85.5%	44.8x19.7	3.2			10415_Oslon_wht_250408.ies 10415_Oslon_wht_250408.ltd
Nichia NCSL 119-H3 Top Emitting Warm White	81.4%	44.7x21.7	2.3			10415_Nichia_119_Warm_White_250408.ies
SSC Z5 Pure White	84.3%	44.5 x 16.2	3.7			10415_Seoul_Z5_white_250408.ies
Everlight Shuen Warm White	82.6%	45.1	2.3			10415_Shuen_wwht_250408.ies
Everlight Shuen Cool White	81.7%	44.5	2.1			10415_Shuen_cwht_250408.ies

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#### Handling instructions

- Do not handle or install lenses without wearing gloves, skin oils may damage the lens or the light transmission.
- Clean lenses with a mild soap and water and dry with a clean soft cloth.
- Do not use any commercial solvents on lenses.
- Mount holders with low Odour epoxy's and allow time for them to out gas to stop lenses fogging.

Please note that flow lines, weld lines and small black or white inclusions within the lenses are acceptable if the optical performance of the lens is within the specification described to +/-10%. FWHM-Full (beam) Width as measured at one Half of Maximum intensity, information shown in the catalogue are based on our laboratory's tests.

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