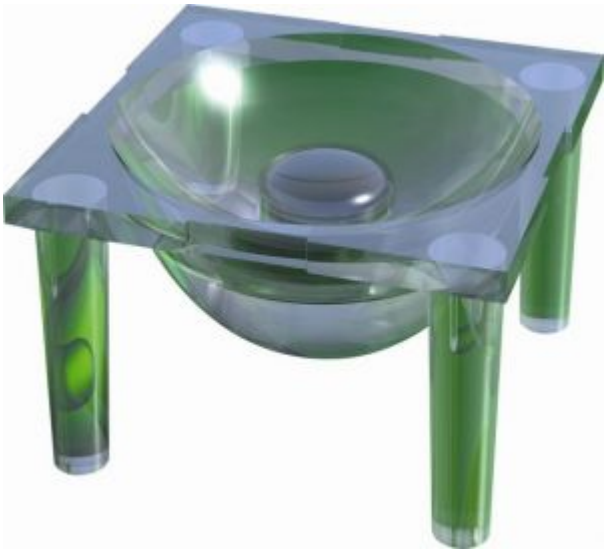
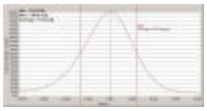
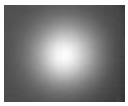
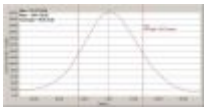
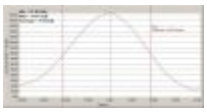
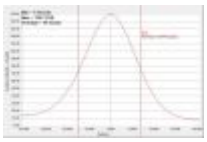
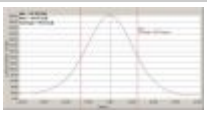
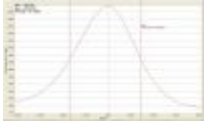
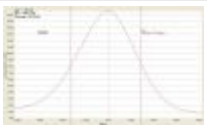
10.0MM FROSTED MEDIUM TIR

Status	Production
Part no.	10413
Drawing no.	60526
Product type	Optic
Type	TIR
Pieces	1
Diameter	10.0
Height	6.00
Beam	Frosted Medium
Flange	Yes
Files	Customer drawing (PDF) Customer 3D model (.igs)



LEDs & Performances	Eff.	FWHM	Cd/lm	Spot	Cross-section	Files
Lumileds Rebel Cool White	83.0%	29.8	2.3			10413_Rebel_White_250408.ies
Lumileds Rebel Neutral White	83.0%	23.2	5.0			10413_Rebel_Neutral_White_250408.ies
Lumileds Rebel Warm White	82.7%	25.6	3.6			10413_Rebel_Warm_White_250408.ies
Cree XP-E XLamp® White	87.2%	25.9	3.2			10413_cree_xpe_white_250408.ies
Cree XP-G XLamp® White	84.7%	30	2.7			10413_cree_xpg_white_250408.ies
Osram Oslon SSL Oslon Ultra White	83.5%	30	2.7			10413_Oslon_wht_250408.ies 10413_Oslon_wht_250408.ldt
Nichia NCSL 119-H3 Top Emitting Warm White	79.8%	28.8	2.6			10413_Nichia_119_Warm_White_250408.ies
SSC Z5 Pure White	82.8%	26.0	3.4			10413_Seoul_Z5_white_250408.ies
Everlight Shuen Warm White	82.3%	31.1	2.5			10413_Shuen_wwht_250408.ies
Everlight Shuen Cool White	81.2%	30.2	2.3			10413_Shuen_cwht_250408.ies

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Carclo Technical Plastics endeavours to continuously improve and renew its products; for this reason the technical data and contents of this catalogue may undergo variations without prior notice. For correct and up to date information, Carclo suggest using the Opticselect tool on our website http://www.carclo-optics.com.

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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