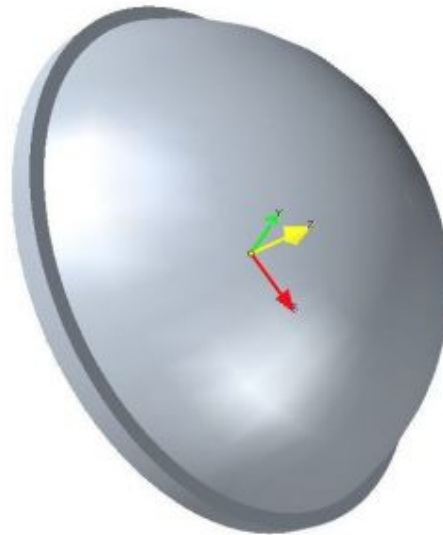


20.0MM BUBBLE HEMISPHERICAL BUBBLE

Status	Production
Part no.	10620
Drawing no.	60570
Product type	Optic
Type	Bubble
Pieces	1
Diameter	20.0
Height	7.30
Beam	Bubble Hemispherical
Flange	No
Files	Customer drawing (PDF)



LEDs & Performances	Eff.	FWHM	Cd/lm	Spot	Cross-section	Files
Lumileds Rebel Cool White	94.0%	180	0.2			10620_hemi_BubbleOptic_Rebel_12-1-11.ies
Cree XP-E XLamp® White	94.0%	180	0.2			10620_Hemi_bubbleOptic_cree-xpe_14-12-2009.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, surface scratches 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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