20.0MM CIRCULAR BLACK		
Status	Production	
Part no.	10363	
Drawing no.	60487	Image
No. of optics	1	
No. of legs	0	
Related Optics	10170 20.0 mm Wide Angle Reflector TIR 10003 20.0 mm Plain Tight Catadioptic 10138 20.0 mm Frosted Narrow Catadioptic 10003/15 20.0 mm Ripple Medium Catadioptic 10139 20.0 mm Frosted Medium Catadioptic 10003/25 20.0 mm Ripple Wide Catadioptic 10140 20.0 mm Frosted Wide TIR 10003/L25 20.0 mm Elliptical Catadioptic 10192 20.0 mm Elliptical Orthogonal TIR	
Related LEDs	SSC P4 SSC P4	
Files	Customer drawing (PDF)	

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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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