

R<sub>0.5</sub>



## **20.0MM FROSTED WIDE TIR**

Status Production Part no. 10202 60462 Drawing no. Product type Optic TIR Type Pieces 1 20.0 Diameter Height 9.60

Beam Frosted Wide

Yes Flange

Customer drawing (PDF) Files



	LEDs & Performances	Eff.	FWHM	Cd/lm	Spot	Cross-section	Files
	Cree XR® XLamp® White	81.0%	35.6	1.8			
	Cree XR-E® XLamp® White	84.0%	36	2.0			10202_cree_xre_white_250408.ies
	Cree XR-C® XLamp® White	81.0%	39	2.0			10202_Cree_XRC_White_250408.ies
	Avago Aveon Cool White	79.0%	31.3	2.5		EZAL -	10202_Avago_Aveon_cool white_250408.ies
	Avago Moonstone Warm White	80.6%	39.8	1.4		E79L	10202_Avago_Moonstone_WarmWhite_250408.ies
	Avago Moonstone RGB	76.7%	38.1	1.4	•	EVA.	10202_Avago_Moonstone_RGB_250408.IES

R1 IN 6 POSNS

Carclo Technical Plastics 111 Buckingham Ave, Slough, Berkshire, SL1 4PF ENGLAND Tel: +44 (0)1753 575011 Fax: +44 (0)1753 811359





www.carclo-optics.com

Related Holders & LEDs	Avago Aveon Cool White	Avago Moonstone RGB	Avago Moonstone Warm White	Cree XR® XLamp® White	Cree XR-C® XLamp® White	Cree XR-E® XLamp® White
10205 20.0mm Circular Black				✓	✓	✓
10206 20.0mm Circular Clear				✓	✓	✓
10207 20.0mm Circular White				✓	✓	✓
10276 50.0mm Triple White				✓	✓	✓
10286 50.0mm Triple White				✓	✓	✓
10296 50.0mm Triple Black				✓	✓	✓
10306 50.0mm Circular Black				✓	✓	✓
10425 20.0mm Hexagonal Black				✓	✓	✓
10426 20.0mm Hexagonal Clear				✓	✓	✓
10427 20.0mm Hexagonal White				✓	<b>√</b>	✓
10428 20.0mm Hexagonal Black				✓	✓	✓
10429 20.0mm Hexagonal Clear				✓	✓	✓
10430 20.0mm Hexagonal White				✓	✓	✓
47.313.5101.80 with 47.313320.80 20.0mm BJB Black					✓	✓

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. Copyright © Carclo 2010

## 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.

All rights reserved. No part of this publication may be copied, reproduced in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, illustrations not to be removed, without our prior permission. Carclo Technical Plastics reserves the right to make changes at any time in order to supply the best products possible.

Carclo Technical Plastics 111 Buckingham Ave, Slough, Berkshire, SL1 4PF ENGLAND Tel: +44 (0)1753 575011 Fax: +44 (0)1753 811359

