

TR3 LED

Transit Colorlight

Optical Lens Selection Guide

5.5 inch (140 mm)



Compatible with all our TR3 products*
(ex: TR3-RCFB-501A)

Follow these steps to select the right lens for your application

- **Step 1** - Review Table 1 to select the right lens for your existing housing. Order the demo kit (TR3-L-DEMO-KIT) if you are unsure of your requirements to obtain a sample of all available lenses.
- **Step 2** - Review Table 2 to select the appropriate kit number.
- **Step 3** - Order lens kits and lamps from your GE Lighting Solutions' distributor.
- **Step 4** - Install lens according to installation instructions (provided with kits).
- **Step 5** - Conduct sighting tests to validate the lamp/lens combination.

*For information on available TR3 LED signals, refer to data sheet RAIL130.



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Table 1: Lens Dimensions Dimensions in metric. [in] indicates inches equivalent

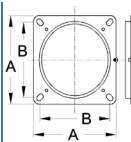
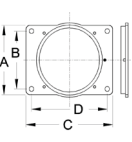
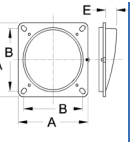
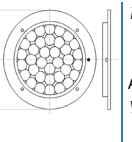
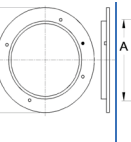
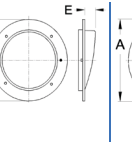
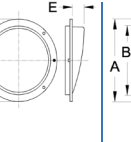
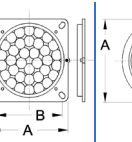
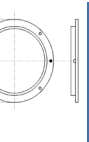
Lens Drawing	A	B	C	D	E	F	G	H	I
									
A	120 mm / [4.72]	107 mm / [4.21]	120 mm / [4.72]	139 mm / [5.47]	139 mm / [5.47]	139 mm / [5.47]	125 mm / [4.92]	120 mm / [4.72]	125 mm / [4.92]
B	101 mm / [3.98]	89 mm / [3.5]	101 mm / [3.98]	-----	-----	-----	-----	101 mm / [3.98]	-----
C	-----	142 mm / [5.59]	-----	-----	-----	-----	-----	-----	-----
D	-----	124 mm / [4.88]	-----	-----	-----	-----	-----	-----	-----
E	-----	-----	19 mm / [0.75]	-----	-----	19 mm / [0.75]	19 mm / [0.75]	-----	-----

Table 2: Available Lens Kits

Kit Part Number (Order Number)	Qty Kit	Overall Shape	Material Colour	Front Face Type	Surface Finish of Front Face	Approximative Transmittance*	Lens Drawing
TR3-L-0100-KIT	32	Square	Clear	Flat	Glossy	100%	A
TR3-L-0200-KIT	16	Square	Clear	Slanted	Glossy	100%	C
TR3-L-0400-KIT	16	Square	Smoked	Slanted	Glossy	***	C
TR3-L-0500-KIT	32	Round	Clear	Collimating Lens	Glossy	**	D
TR3-L-0600-KIT	32	Round	Clear	Flat	Glossy	100% (reference)	E
TR3-L-0700-KIT	16	Round	Clear	Slanted	Glossy	100%	F
TR3-L-0900-KIT	16	Round	Clear	Slanted	Frosted	81%	F
TR3-L-1200-KIT	32	Square	Clear	Collimating Lens	Glossy	**	H
TR3-L-1300-KIT	16	Round	Clear	Slanted	Glossy	100%	G
TR3-L-1510-KIT	32	Round	Smoked	Flat	Frosted	72%	I
TR3-L-1600-KIT	32	Round	Smoked	Flat	Glossy	***	I

*Relative to a RX0-05RC/P lens (round, clear, flat)

**Optical lens collimated to 3° beam

***Contact a GE representative for details on these lenses

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