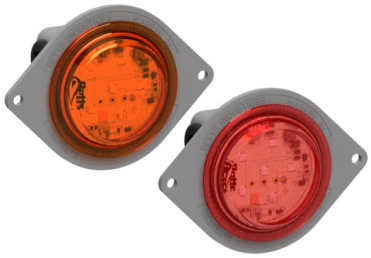


65 Series 2” Clearance/Side Marker/Aux LED Lite Ranger™ with Shallow Lens

The 65 Series Assemblies include a Lite Ranger™ LED Lamp insert mated to a 65 Series housing. The housing is made from reinforced PBT engineered thermoplastic for high strength and impact resistance and offers unsurpassed protection to the lamp assembly. The exclusive Snap Seal™ O-ring locks out moisture and corrosion while providing convenient access to the inside of the housing. The spacious 65 Series housing, which also functions as a junction box for the wiring and plug connections, requires a 2.5” diameter hole with two flange screws. A gray housing is standard but black is also available. The Lite Ranger™ LED Lamp insert is a robust, fully sealed unit made from impact resistant polycarbonate plastic.

- Designed to meet all FMVSS 108 requirements (49CFR§571.108).
- SAE DOT Lighting Codes: P2PC
- Supports System Voltages of 12Vdc and 24Vdc (see table for details)
- Reverse Polarity Protected
- Requires a ø2.5 inch mounting hole with four flange screws or rivets
- Gray PBT housing standard (black is available)
- Pigtail with multiple connector options or blunt cut cable connections
- Covered by Betts’ 5-Year Limited Warranty

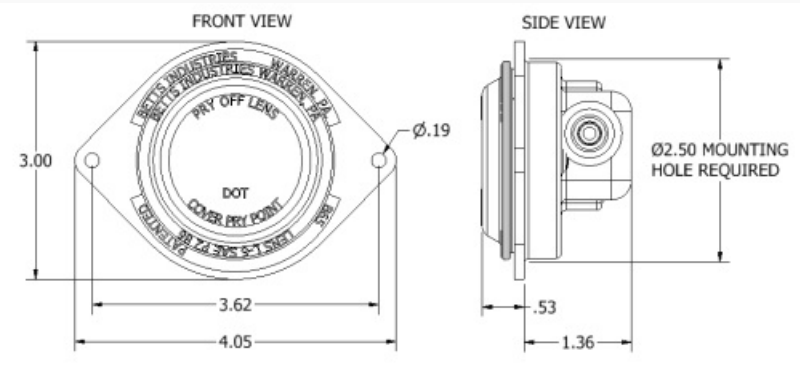
Other options such as 50 series, 56 series and grommet mount styles are available.

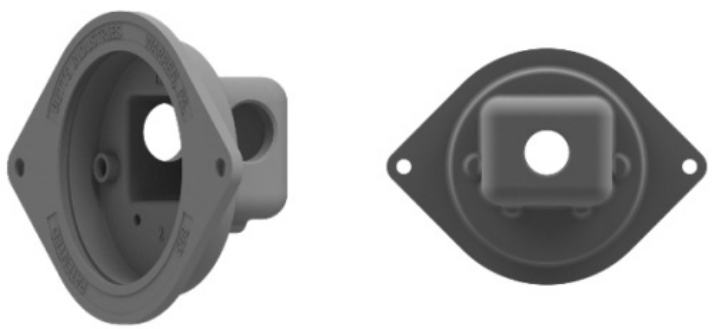
Assembly Number	Description	LED Insert Part Number	Housing Hole Detail	Additional Details	Power Consumption	Current @12/24Vdc

SINGLE FUNCTION - MARKER/CLEARANCE

Assembly Number		Description	LED Insert Part Number	Housing Hole Detail	Additional Details	Power Consumption @12/24Vdc	Current
650201		Clearance/Marker – Red lens 6 LED, 12V/24V 65-Series Gray Housing	MR20FH62E	(2) Ø.56 Holes on Sides	Cable choke seals	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
650202		Clearance/Marker – Amber lens 6 LED, 12V/24V 65-Series Gray Housing	MA20FH62E	(2) - Ø.56 Holes on Sides	Cable choke seals	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
650207		Clearance/Marker – Red lens 6 LED, 12V/24V 65-Series Gray Housing	MR20FH62E	(1) - Ø.56 Rear Hole	Cable choke seal	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
650208		Clearance/Marker – Amber lens 6 LED, 12V/24V 65-Series Gray Housing	MA20FH62E	(1) - Ø.56 Rear Hole	Cable choke seal	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
650219		Clearance/Marker – Red lens 6 LED, 12V/24V 65-Series Gray Housing	MR20FH62E	(1) - Ø.56 Rear Hole	Cable choke seal w/ 4" 2-conductor male plug	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
650220		Clearance/Marker – Amber lens 6 LED, 12V/24V 65-Series Gray Housing	MA20FH62E	(1) - Ø.56 Rear Hole	Cable choke seal w/ 4" 2-conductor male plug	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
650221		Clearance/Marker – Red lens 6 LED, 12V/24V 65-Series Gray Housing	MR20FH62E	(1) - Ø.56 Rear Hole	Cable choke seal w/ 12" 2-conductor male plug	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
650222		Clearance/Marker – Amber lens 6 LED, 12V/24V 65-Series Gray Housing	MA20FH62E	(1) - Ø.56 Rear Hole	Cable choke seal w/ 12" 2-conductor male plug	0.63 W @ 12V 1.26 W @ 24V	52.5 mA
DUAL FUNCTION - AUX - MARKER							
65ARFG112		Clearance/Marker/Aux – Red lens 6 LED, 12V 65-Series Gray Housing	AR20FH63E	(1) - Ø.56 Rear Hole	Cable choke seal	0.63 W @ 12V Marker 3.72 W @ 24V Aux	52.5 mA Marker 310 mA Aux

Assembly Number		Description	LED Insert Part Number	Housing Hole Detail	Additional Details	Power Consumption @12/24Vdc	Current
65AAFG112		Clearance/Marker/Aux – Red lens 6 LED, 12V 65-Series Gray Housing	AA20FH63E	(1) - Ø.56 Rear Hole	Cable choke seal w/ 6" Amp 3-Way Receptacle	0.63 W @ 12V Marker 2.94 W @ 24V Aux	52.5 mA Marker 245 mA Aux
65ARFG112002006		Clearance/Marker/Aux – Amber lens 6 LED, 12V 65-Series Gray Housing	AR20FH63E	(1) - Ø.56 Rear Hole	Cable choke seal w/ 6" Amp 3-Way Receptacle	0.63 W @ 12V Marker 3.72 W @ 24V Aux	52.5 mA Marker 310 mA Aux
65AAFG112002006		Clearance/Marker/Aux – Amber lens 6 LED, 12V 65-Series Gray Housing	AA20FH63E	(1) - Ø.56 Rear Hole	Cable choke seal w/ 6" Amp 3-Way Receptacle	0.63 W @ 12V Marker 2.94 W @ 24V Aux	52.5 mA Marker 245 mA Aux





Special options available on request