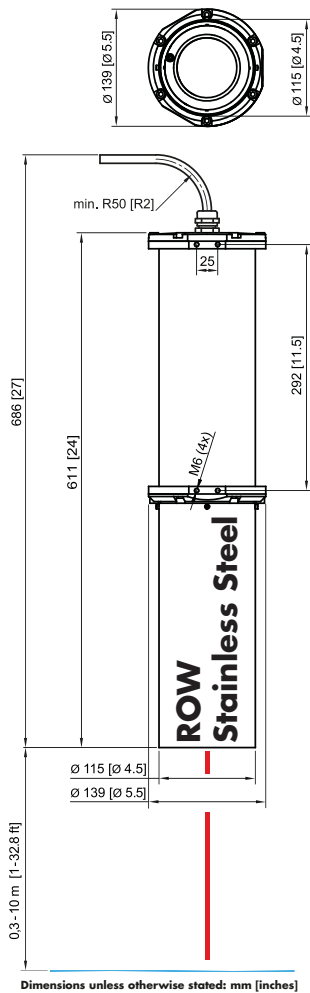
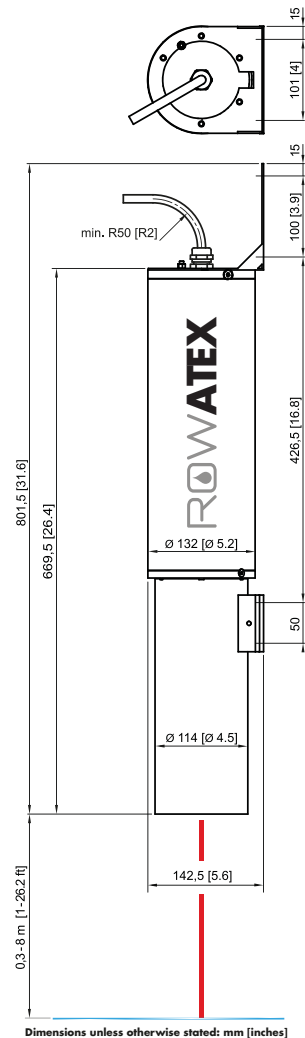


The Light Fraction ROW model detects all three major oil fractions: heavy (crude etc...), medium (diesel etc...), and light (kerosene etc...).

## TECHNICAL SPECIFICATIONS



Dimensions unless otherwise stated: mm [inches]



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<b>MODELS</b>	O-4501S ( <b>Stainless Steel</b> ) O-4501E ( <b>ATEX EXD</b> )	
<b>SENSITIVITY</b>	> 1 µm (micron) oil film	
<b>RANGE</b>	up to 5 m above surface (water or ground)	
<b>OPERATION TEMPERATURE</b>	-30°C to +60°C [-22°F to 140°F]	
<b>ENCLOSURES</b>	IP68, hermetically sealed, weather proof <b>Stainless Steel</b> – Electropolished stainless steel 316L, purged (Ar) <b>ATEX EXD</b> – Stainless steel 316 Explosive-proof Enclosure, ATEX/IECEx Zone 1 II 2 G Ex d IIB T6 Gb, Class 1, Division 1, Groups CD	
<b>DIMENSIONS</b>	<b>Stainless Steel</b> – 686 x 139 x 139 mm [27 x 5.5 x 5.5 in] <b>ATEX EXD</b> – 669.5 x 142.5 x 132 mm [26.4 x 5.6 x 5.2 in]	
<b>WEIGHT</b>	<b>Stainless Steel</b> – 6.9 kg [15.2 lbs] <b>ATEX EXD</b> – 12 kg [26.5 lbs]	
<b>POWER OPTIONS</b>	12 VDC as standard other options: 110/220 VAC 60/50 Hz AC/DC adapter, solar/battery options available	
<b>POWER USAGE</b>	< 2 Watt (DC)	
<b>LIGHT SOURCE</b>	Pulsed UV LED	
<b>LED LIFETIME</b>	5 years typical, thereafter, LED replacement	
<b>OUTPUTS</b>	Relay contacts, RS-485, 4-20 mA (as standard)	
<b>TELEMETRY OPTIONS</b>	RS-232 Ethernet/LAN Audio alarm Wireless Radio Link Wi-Fi GSM	Custom Solutions: Optional adapters available, contact Sales Engineer for additional information
<b>USER INTERFACE</b>	ROW Configurator for setup & adjustment ROW Manager for network visualization	
<b>CERTIFICATIONS</b>	<p>CE EN 61000-6-2, 61000-6-3, 61326-1, 61000-4-2, 61000-4-5, 61000-4-6, 61000-4-8, 61010-1  <b>US EPA:</b> (EPA/530/UST-90/009)  <b>IP68:</b> EN 60529</p> <p>Ex <b>ROW ATEX EXD:</b>  ATEX/IECEx Zone 1 II 2 G Ex d IIB T6 Gb  EN/IEC: 60079-0, 60079-1</p>	
<b>WARRANTY</b>	2-years factory warranty as standard, supported worldwide	