

# INTERPLEX SOLAR A.E.R

Solar Solutions For a Changing World



## IS 820 DUAL SOLAR BEACON



	<b>Flashing</b> (60p/m +/-10%)	<b>Steady</b>		
<b>Light Output:</b>			<b>Construction:</b>	
High Intensity Optical LED's	32.5 Candelas	16 Candelas	Lens	High Impact Optical Polycarbonate, UV protected (Conforms to FAA & 1CAO standards)
Nominal night range	5 km. +		Base	Marine Grade Aluminum alloy, stainless steel hardware included
Vertical Divergence	As per attached 104185 Messprotokoll		Sealing	Rubber gasket sealed w/silicone-epoxy
Horizontal Output	360 °		Weight	2.1 kg
<b>Operation:</b>			<b>Environmental &amp; Electrical:</b>	
Maximum Autonomy	60 hrs	180 hrs	Temperature range	-40° ~ +80° C (-40° ~ +176° F)
Latitude Range	55° South to 55° North		Waterproof	As per IP66
On/Off	70/100 lux		Salt Fog Corrosion, Vibration	EQV. TP1861E
Illumination	High Intensity Optical LED's		Explosion Resistance	EQV. MIL-STD-810E Method 511.3
Life Span LED's	Up to 100,000 hrs		CE Approval	As per EN 60945:1997
Duty Cycle	As per Customers Request			
<b>Solar Panels:</b>			<b>Quality Control &amp; Patents:</b>	
Type	2x MonoCrystalline UV protected polyurethane modules, inset in stainless steel brackets & hardware		Quality Assurance	ISO 9001
Efficiency	14%		Trademarks & Patents	Patents & Pat. Pend. 90540, 100406, 84698, 83750,98755
Maximum Power	1.8 watts		<b>Battery:</b>	
Voltage	6 volts – 340 ma +/- 10%		Type	2 x 2 2.5 amp lead acid solar rechargeable, min. recharge cycle-3000
			Nominal Voltage	4 v
			Certification	RoHs Cert.