Stealth Illuminator
Legacy High Output

PRODUCT NUMBER
02710

Radiation Characteristics *

NOTES:
1- Beam radiation angles are based on theoretical IR emitter values
2- Relative Intensity values are based on 896mW/sr output
3- Typical Illumination ranges are based on Adv. Lights proprietary field test results using night vision equipment. Results may vary depending on type of NV system used.

Spectral Emission

<table>
<thead>
<tr>
<th>WAVELENGTH</th>
<th>RELATIVE INTENSITY</th>
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<tbody>
<tr>
<td>700 nm</td>
<td>50%</td>
</tr>
<tr>
<td>750 nm</td>
<td>40%</td>
</tr>
<tr>
<td>800 nm</td>
<td>30%</td>
</tr>
<tr>
<td>850 nm</td>
<td>20%</td>
</tr>
<tr>
<td>900 nm</td>
<td>10%</td>
</tr>
</tbody>
</table>

POWER REQUIREMENT
12Vdc TO 30Vdc (Typ. 24Vdc)

POWER CONSUMPTION
Max. 2.5W at 24Vdc

LOW OUTPUT INTENSITY
225mW/sr

HIGH OUTPUT INTENSITY
869mW/sr

WIRE TYPE
AWG #20 COPPER, POLYETHYLENE

WIRE SPECIFICATION
Automotive SAE J1128-SXL

PROTECTIVE SLEEVE
PVC CONDUIT 3/8"

WIRE LENGTH
16" (40cm) from Housing to wire end

HOUSING
ZINC PLATED CARBON STEEL TUBE

THREAD BASE
CARBON STEEL HEX BAR M8

DOME LENS
HIGH IMPACT POLYCARBONATE

OUTER DIAMETER
Dia. 1.5" (38.1mm) x 3.5" (88.9mm)

HOUSING FINISH
BLACK, MATTE SATIN POWDER COATED

WEIGHT
16oz (451g)

OPERATING TEMPERATURE
-40° TO +65° Celsius

STORAGE TEMPERATURE
-40° TO +80° Celsius

ENVIRONMENTAL SEAL
FULLY ENCAPSULATED UNIT, EPOXY

WATERPROOF RATING
IP68

VISIBILITY RANGE
16° / 100M

FIXING SCREW (QTY: 1)
M8 x 25mm, STEEL ZINC PLATED

LOCK WASHER (QTY: 1)
M8 SPLIT LOCK, STEEL ZINC PLATED

FLAT WASHER (QTY: 1)
M8 FLAT, STEEL ZINC PLATED

BEVELED WASHER (QTY: 2)
M8 x 8° CAST IRON, GALVANIZED

*REPLACEMENT HARDWARE PART KIT IS AVAILABLE UNDER P/N: 02700

Specifications subject to change without prior notice

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**WIRING DIAGRAMS - DUAL INTENSITY**

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**HIGH INTENSITY ONLY**

1. Positive Terminal (12-30Vdc) > RED Wire
2. Negative Terminal Hi-OUTPUT > BLACK & WHITE Wire
   (Connect to Vehicle GND)

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**LOW INTENSITY ONLY**

1. Positive Terminal (12-30Vdc) > RED Wire
2. Negative Terminal Hi-OUTPUT > BLACK Wire Only
   (Connect to Vehicle GND)

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**REPLACEABLE COVER LENS**

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