90520 Series LED Flashing Beacon
(\textit{Red & White LEDs})

\textbf{Part \#} \hspace{1cm} \textbf{Description}
\begin{itemize}
\item 01-019020-01 \textit{LED Red/White, 28 VDC, 3.5" mount}
\item 01-019020-02 \textit{LED Red/White, 14 VDC, 3.5" mount}
\item 01-019020-04 \textit{LED Red/White, 3.5" adapter}
\item 01-019020-10 \textit{LED Red/White, 28 VDC, 3.75" adapter, lower mount}
\item 01-019020-51 \textit{LED Red/White, 4VDC, 3.75" adapter, flying leads}
\end{itemize}

71080 Series LED Beacon \textit{(Red LEDs)}

\textbf{Part \#} \hspace{1cm} \textbf{Description}
\begin{itemize}
\item 01-071906-01 \textit{LED Red, 28 VDC, 2.6" mount}
\item 01-071906-31 \textit{LED Red, 14 VDC, 2.6" mount}
\item 01-071906-32 \textit{LED Red, 28 VDC, 2.75" adapter}
\item 01-071906-33 \textit{LED Red, 14 VDC, 2.75" adapter, flying leads}
\item 01-071906-10 \textit{LED Red, 28 VDC, 2.75" adapter, lower mount}
\end{itemize}

\textbf{90724 Series Anti-Collision Light}

Model 90724 Series is a self-contained LED anti-collision beacon. It's solid-state circuitry and LED light source obsolete the "old style" mechanical oscillating beacons as well as the Whelen 00444 Series quartz halogen flashing beacons. Benefits include no moving parts, no EM/RF, no brush current spikes and crisp on off cycles. There are several models available to provide compatibility with existing mounting patterns and profiles, thus eliminating the need to alter the aircraft.

\begin{itemize}
\item \textbf{Models} \hspace{1cm} \textbf{Part \#} \hspace{1cm} \textbf{Description} \hspace{1cm} \textbf{Appurtenances}
\begin{itemize}
\item 90724/11 \textit{01-0790724-11 LED Anti-collision light (lower 5-Hole mount) cable pigtail} \textit{FAA TSO-99O Class III}
\item 90724/12 \textit{01-0790724-12 LED Anti-collision light (upper 5-Hole mount) cable pigtail} \textit{FAA TSO-99O Class III}
\item 90724/13 \textit{01-0790724-13 LED Anti-collision light (lower 5-hole rudder mount, 2.25 ft, w/ connector} \textit{FAA TSO-99O Class III}
\item 90724/14 \textit{01-0790724-14 LED Anti-collision light (lower 3.5-Hole rubber mount, Barone, 2.25 ft, w/ cable pigtail} \textit{FAA TSO-99O Class III}
\item 90724/15 \textit{01-0790724-15 LED Anti-collision light (lower 5-Hole mount w/ MS25928-10K-GP connector} \textit{FAA TSO-99O Class III}
\item 90724/16 \textit{01-0790724-16 LED Anti-collision light (upper 5-Hole mount w/ MS25928-10K-GP connector} \textit{FAA TSO-99O Class III}
\item 90724/17 \textit{01-0790724-17 LED Anti-collision light (lower 5-Hole mount) cable pigtail, z vecr dust hose (screws)} \textit{FAA TSO-99O Class III}
\item 90724/18 \textit{01-0790724-18 LED Anti-collision light (upper 5-Hole mount) cable pigtail} \textit{FAA TSO-99O Class III}
\item 90724/19 \textit{01-0790724-19 LED Anti-collision light (lower 5-Hole mount) cable pigtail} \textit{FAA TSO-99O Class III}
\end{itemize}
\end{itemize}

\textbf{Replacements:} Whelen 90044 Series & Giraffe: G0605 (-), 40-0161 (-), 30-2140 (-), 40-0174 (-), 40-0177 (-), 030047 (-)

\textbf{Drawing \#} \hspace{1cm} \textbf{Weight \ (lbs)} \hspace{1cm} \textbf{Dimensions H x Dia. \ (in)} \hspace{1cm} \textbf{Current Draw} \hspace{1cm} \textbf{Available LED Colors} \hspace{1cm} \textbf{Lenses}
\begin{itemize}
\item 90724 \textit{1.6 lbs (0.73kg)} \textit{11 lbs - 16.275" (46.45mm) x 2.380" (60.45mm)} \textit{16.8" - 18.26" (42.3cm) x 3.90" (9.9cm)} \textit{8.87" (224.3mm)} \textit{48 VDC} \textit{11.1 A} \textit{Red, Clear}
\end{itemize}

\textbf{Cross Reference 90044 to 90724}

\begin{itemize}
\item 01-079004-03 \textit{anti-collision light (lower 5-Hole mount) cable pigtail} \textit{01-0790724-11}
\item 01-079004-01 \textit{anti-collision light (upper 5-Hole mount) cable pigtail} \textit{01-0790724-12}
\item 01-079004-02 \textit{anti-collision light (lower 5-Hole rudder mount, 2.25 ft, w/ connector} \textit{01-0790724-13}
\item 01-079004-04 \textit{anti-collision light (lower 3-Hole rubber mount, Barone, 2.25 ft, w/ cable pigtail} \textit{01-0790724-14}
\item 01-079004-05 \textit{anti-collision light (lower 5-Hole mount w/ MS25928-10K-GP connector} \textit{01-0790724-15}
\item 01-079004-15 \textit{anti-collision light (upper 5-Hole mount w/ MS25928-10K-GP) connector} \textit{01-0790724-16}
\item 01-079004-17 \textit{anti-collision light (upper 5-Hole mount) cable pigtail, 2 enter dust hose (screws)\textit{01-0790724-17}}
\item 01-079004-18 \textit{anti-collision light (upper 5-Hole mount) cable pigtail} \textit{01-0790724-19}
\end{itemize}
Think about your application needs...

Whether your mounting configuration is 2.6” or 3.75”, you can make the switch from halogen or strobe to LED!

71080 Series LED Beacon (Red LEDs)

71080 Series beacons are FAA TSO compliant self-contained LED Anti-collision lights (Ref. Class I - 150 effective candlepower). They are designed to replace a range of products. Refer to models and descriptions below. Models -01, -05, -15, -51, -55 ship with 12” flying leads. Models -05, -15 opening designed to fit inside an A440 mounting adapter, mounting holes to fit in place of rotating beacons, Whelen Model HRCFA, or 70900/4, -65 series LED beacons.

<table>
<thead>
<tr>
<th>Models</th>
<th>Part #</th>
<th>Description</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>71080001</td>
<td>01-071080-01</td>
<td>LED Red, 28 VDC, 2.6” mount</td>
<td>FAA TSO-C66A Class I</td>
</tr>
<tr>
<td>71080051</td>
<td>01-071080-05</td>
<td>LED Red, 14 VDC, 2.6” mount</td>
<td>FAA TSO-C66A Class I</td>
</tr>
<tr>
<td>71080055</td>
<td>01-071080-05</td>
<td>LED Red, 28 VDC, 3.75” adapter</td>
<td>FAA TSO-C66A Class I</td>
</tr>
<tr>
<td>71080055</td>
<td>01-071080-10</td>
<td>LED Red, 14 VDC, 3.75” adapter, Flying Leads</td>
<td>FAA TSO-C66A Class I</td>
</tr>
<tr>
<td>71080061</td>
<td>01-071080-15</td>
<td>LED Red, 28 VDC, 3.75” adapter, lower mount</td>
<td>FAA TSO-C66A Class I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drawing</th>
<th>Weight</th>
<th>Dimensions H x Dia.</th>
<th>Current Draw</th>
<th>Available LED Color</th>
<th>Lenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>71080</td>
<td>6.64 lbs (2.89kg) (-01 &amp; -05)</td>
<td>Exposure height: 5.75” (145.4 mm) x 3” (76.2 mm)</td>
<td>0.07 amps average, 3.0 amp peak</td>
<td>Blue, Red, Green, Yellow, Amber, Clear</td>
<td>Polycarbonate</td>
</tr>
</tbody>
</table>

90520 Series LED Flashing Beacon (Red & White LEDs)

90520 Series Beacons are FAA TSO compliant self-contained LED Anti-Collision lights (Ref. Class III -150 effective candlepower). They are designed to replace strobe lights as small as the A470A with available models to replace HR self-contained beacons (HRCFA) or our legacy 70900 LED beacon. Mounting plate included with assembly. See models below. Models -01, -05, -15, -51, -55 ship with 12” flying leads. -55, 3.75” opening designed to fit inside an A440 mounting adapter, mounting designed to replace existing beacons utilizing a 5-hole mounting pattern on 4 65⁄8” bolt circle (Whelen 70285 Series/1090501 Series or 70900 with A440 adapter). Models -05, -15, -51, -55 opening designed to fit inside an A440 mounting adapter, mounting holes to fit in place of rotating beacons, Whelen Model HRCFA, or 70900/4, -65 series LED beacons.

<table>
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<tr>
<th>Models</th>
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</tr>
</thead>
<tbody>
<tr>
<td>90520001</td>
<td>01-090520-01</td>
<td>LED Red/White, 28 VDC, 2.6” mount</td>
<td>FAA TSO-C66A Class III</td>
</tr>
<tr>
<td>90520051</td>
<td>01-090520-05</td>
<td>LED Red/White, 14 VDC, 2.6” mount</td>
<td>FAA TSO-C66A Class III</td>
</tr>
<tr>
<td>90520055</td>
<td>01-090520-05</td>
<td>LED Red/White, 28 VDC, 3.75” adapter</td>
<td>FAA TSO-C66A Class III</td>
</tr>
<tr>
<td>90520055</td>
<td>01-090520-10</td>
<td>LED Red/White, 14 VDC, 3.75” adapter, lower mount</td>
<td>FAA TSO-C66A Class III</td>
</tr>
<tr>
<td>90520055</td>
<td>01-090520-15</td>
<td>LED Red/White, 28 VDC, 3.75” adapter, lower mount</td>
<td>FAA TSO-C66A Class III</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Drawing</th>
<th>Weight</th>
<th>Dimensions H x Dia.</th>
<th>Current Draw</th>
<th>Available LED Color</th>
<th>Lenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>90520</td>
<td>0.65 lbs (0.295kg) (-01 &amp; -05)</td>
<td>Exposure height: 3.75” (95.2 mm) x 2” (50.8 mm)</td>
<td>0.07 amps average, 3.0 amp peak</td>
<td>Red/White</td>
<td>Polycarbonate</td>
</tr>
</tbody>
</table>