(A) Original noise level 105 dBa
(B) Enclosure lined with 1" embossed faced foam 100 dBa
(C) Enclosure lined with 1" foam damping composite 97 dBa
(D) Enclosure lined with 1" foam barrier composite 95 dBa
(E) Same as above with extended noise baffles 89 dBa
Acoustical baffles reduce noise from escaping from inside of the enclosure. Keep your enclosure “Light Tight” by ensuring the noise makes at least one 90° turn to escape.