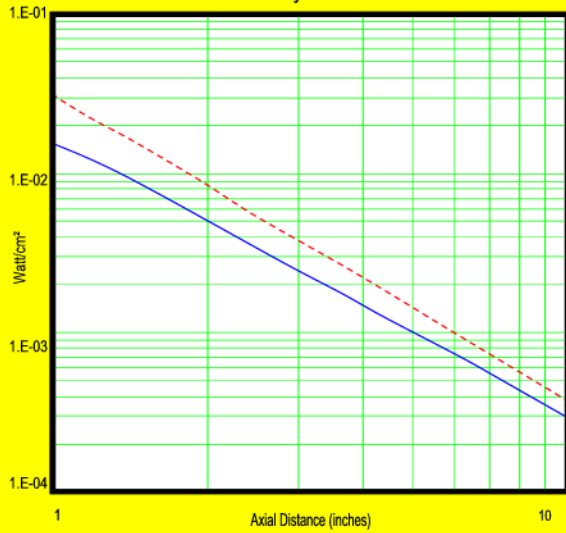


Steady State Emitters in TO-5 can

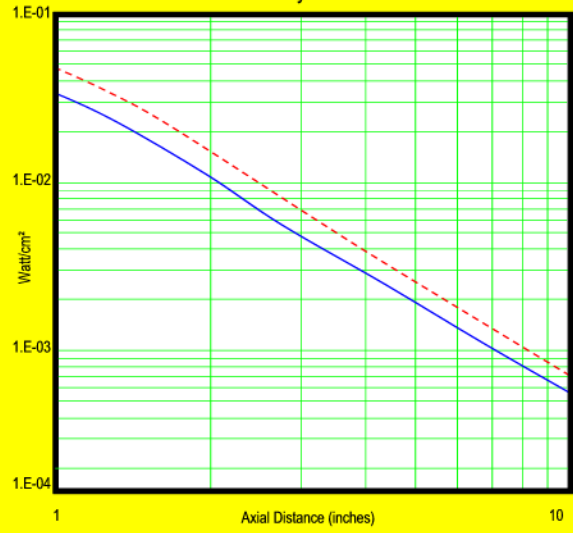
Standard Emitter

DC Intensity vs. Distance

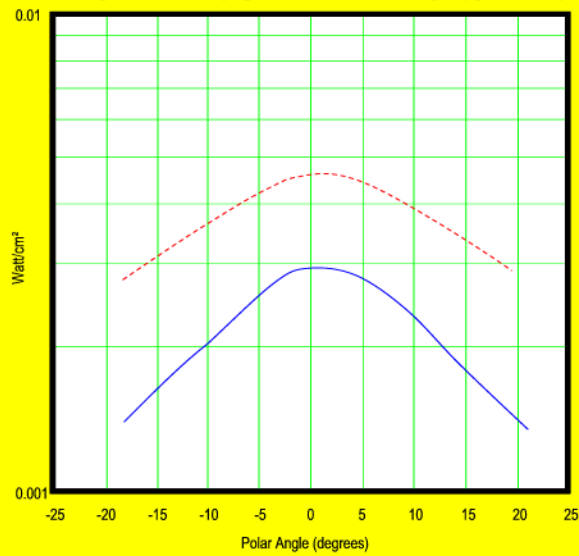


New High Output Emitter

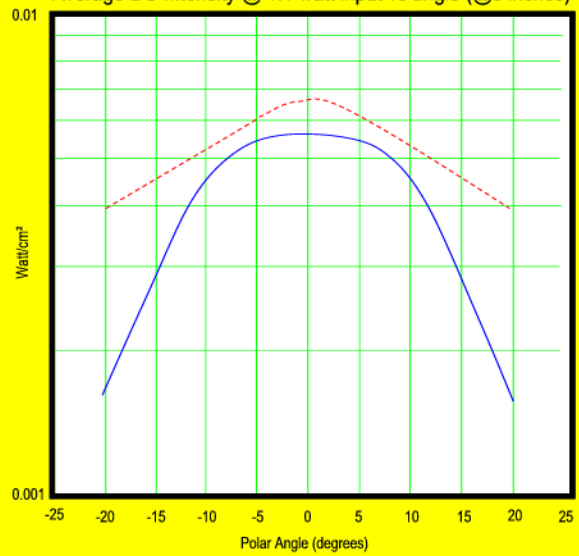
DC Intensity vs. Distance



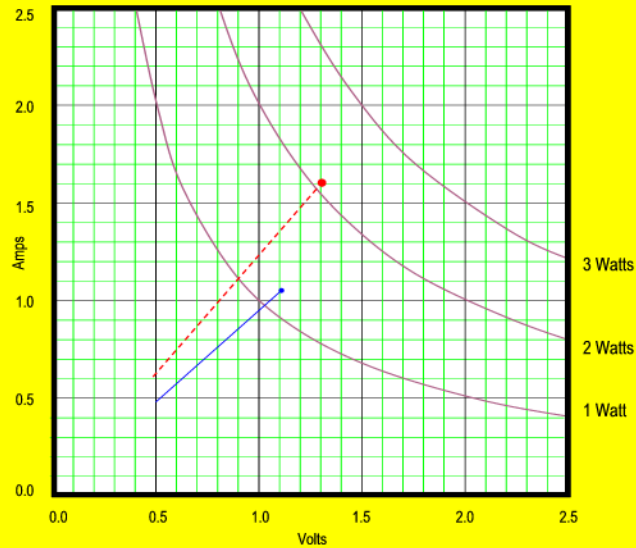
Average DC Intensity @ 1.1 watt input vs angle (@3 inches)



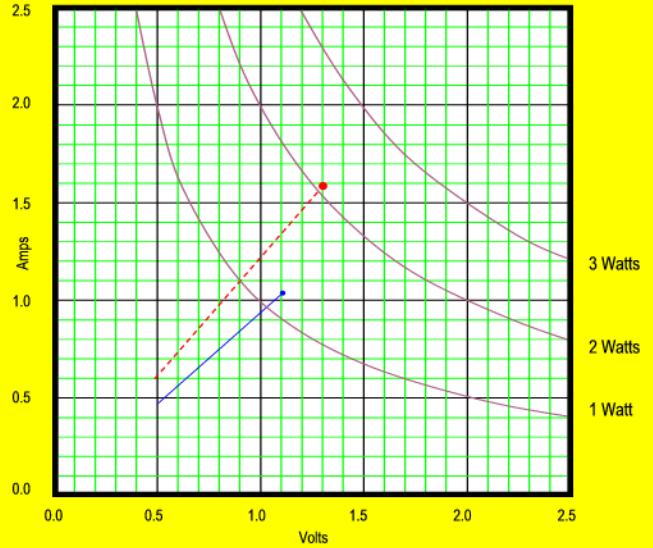
Average DC Intensity @ 1.1 watt input vs angle (@3 inches)



DC Power Curve



DC Power Curve



— Average SA727 @ 1.15 Watts Input Power
 - - Average SA1037 @ 2.10 Watts Input Power

— Average SHA727 @ 1.15 Watts Input Power
 - - Average SHA1037 @ 2.10 Watts Input Power