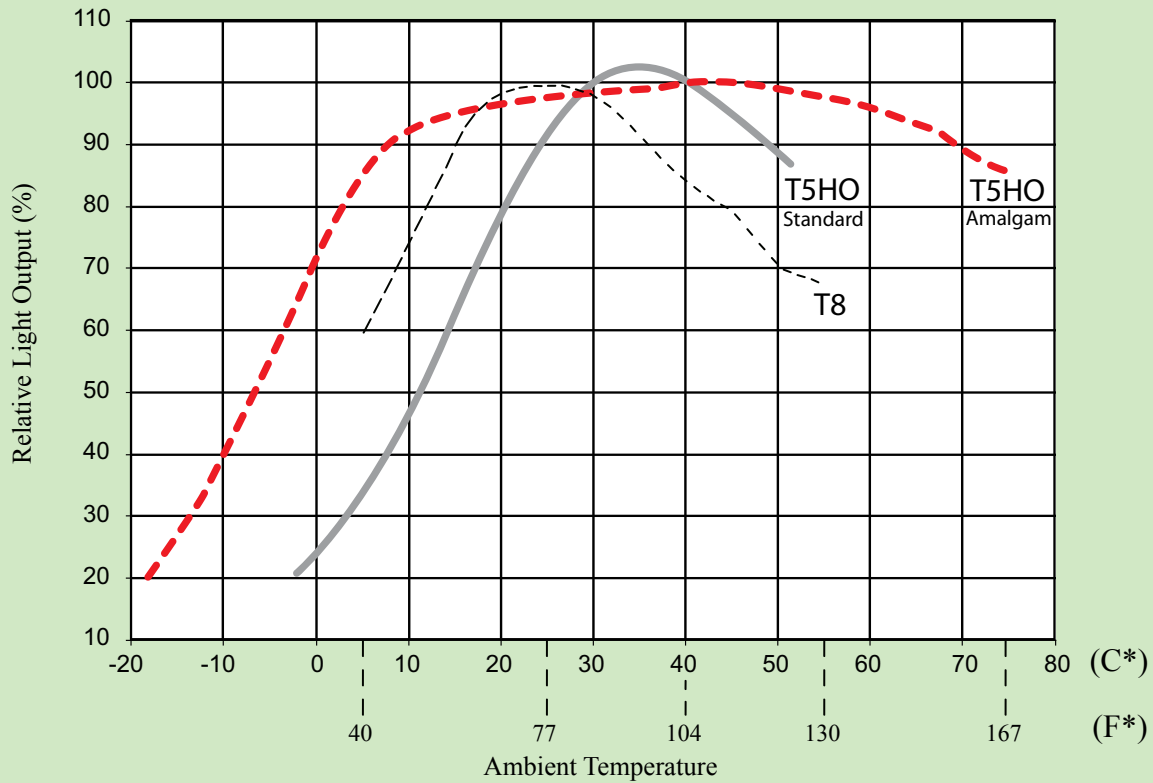


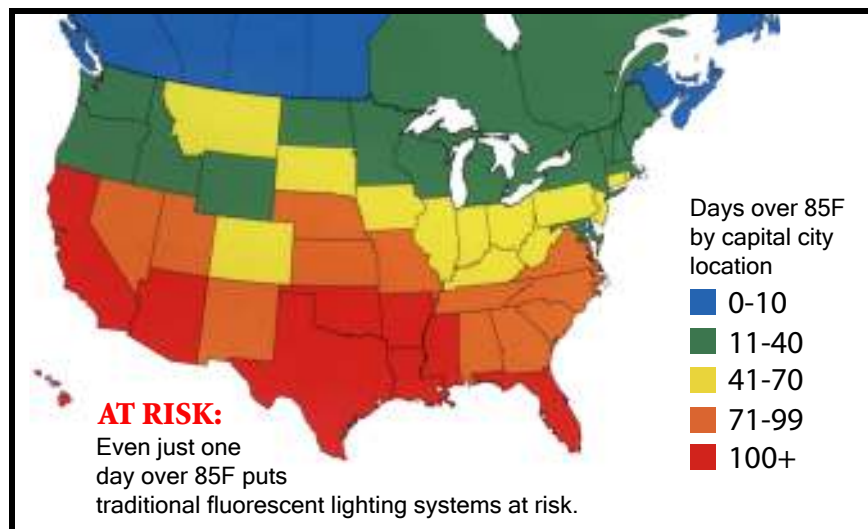
Relative Light Output versus Average Ambient Temperature



Note: An amalgam of mercury (with another metal), is used to stabilize the mercury vapor pressure inside the lamp. Thus the light output, which is dependant on the mercury vapor pressure, remains more stable over a wider range of temperature.

Why High Ambient?

Because it's hot up there! When outside temperatures rise above 85F, inside temperatures in non-conditioned and partially conditioned spaces can reach upwards of 130F (55C) near the ceiling lighting fixtures. This places traditional fluorescent lighting systems at risk.



Temperature map source:



Light output graph source:



document prepared by:
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