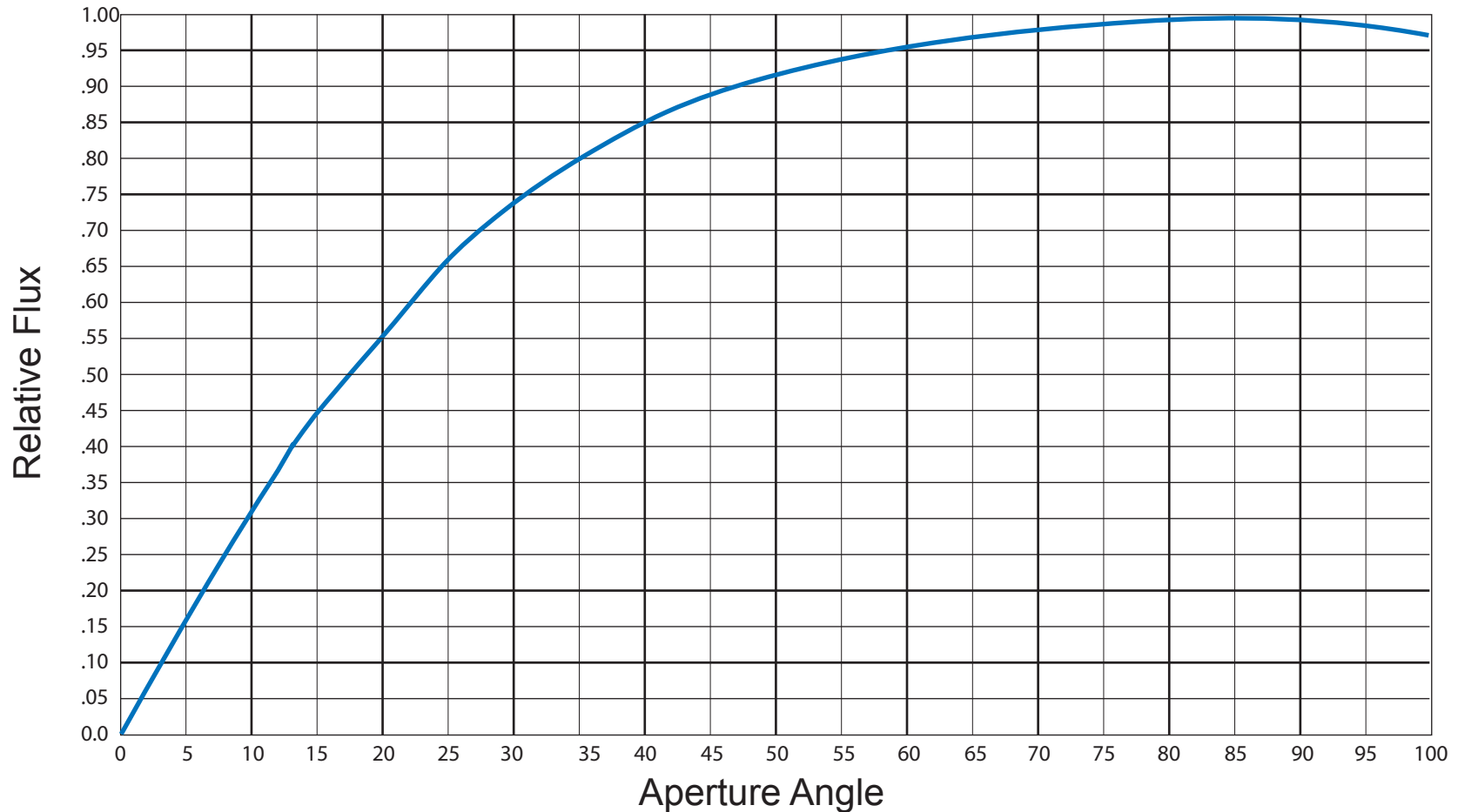




Aperture Angle vs. Relative Flux



Shows light output in one direction opposite aperture, relative to a single coated lamp. Flux will increase as the aperture is opened up, but is reduced at higher aperture angles over 90 deg, when too much reflector and phosphor coated area is lost and is not compensated by the reflector function.

Note: Total light output (full circumference) of aperture and reflector lamps is always less than single coated lamps because of multiple reflection and transmission losses in the reflector coating. The reflector coating is not 100% reflective either. The value in these products is to direct and focus the light where it is needed which outweighs the losses in the internal reflector.