Table 1. Radiant energy or power – measurement apertures and distances

	Condition 1		Condition 2		Condition 3	
Wavelength (nm)	Aperture (mm)	Distance (mm)	Aperture (mm)	Distance (mm)	Aperture (mm)	Distance (mm)
≥ 180 to 302.5	N/A	N/A	7	14	1	0
≥ 302.5 to 400	25	2,000	7	14	1	100
≥ 400 to 1,400	50	2,000	7	r	7	100
≥ 1,400 to 4,000	25	2,000	7	14	1.0 for t ≤ 0.35 s 1.5 $t^{3/8}$ for t > 0.35 s < 10 s 3.5 for t ≥ 10 s	100
≥ 4,000 to 10^5	N/A	N/A	7	14	1.0 for t ≤ 0.35 s 1.5 $t^{3/8}$ for t > 0.35 s < 10 s 3.5 for t ≥ 10 s	0
≥ 10^5 to 10^6	N/A	N/A	7	14	11	0

Table 2. Values of r (in mm) in Table 1

Angular subtense of source (α)	Photochemical limits		Thermal limits
	t ≤ 100 s	t > 100s	
≤ 1.5 mrad	14	14	-
< α_{min}	-	-	14
α > 1.5 mrad and ≤ 11 mrad	100 (α/11mrad)	-	-
α>1.5 mrad and ≤ γ_p	-	$\left(14 + 86\,\frac{\alpha - 1.5\ \text{mrad}}{\gamma_p - 1.5\ \text{mrad}}\right)$	-
α > α_{min} and < α_{max}	-	-	$100\sqrt{\frac{\alpha + 0.46\,mrad}{\alpha}}$
α > 11 mrad α > γ_p α ≥ α_{max}	100	100	100