



TABLE 1.3

Units of Irradiance and UV Dose

CONVERSION FACTORS FOR IRRADIANCE					
<i>(Read down from units to gray block and then horizontally for unit equivalence.)</i>					
mW/cm²	W/m²	erg/mm²-s	mW/cm²	erg/cm²-s	W/ft²
	mW/mm²				
	J/m²-s				
1	10	100	1000	10000	1.07639
0.1	1	10	100	1000	0.107639
0.01	0.1	1	10	100	0.010764
0.001	0.01	0.1	1	10	0.001076
0.0001	0.001	0.01	0.1	1	0.000108
0.929	9.29	92.90	929.0	9290	1
mJ/cm²	mW-s/ mm²	erg/mm²	μJ/cm²	erg/cm²	W-s/ft²
	W-s/m²		mW-s/ cm²		
mW-s/cm²	J/m²				

Conversion factors for UV Dose (Exposure time = 1 second)

(Read up from units to gray block and then horizontally for unit equivalence.)