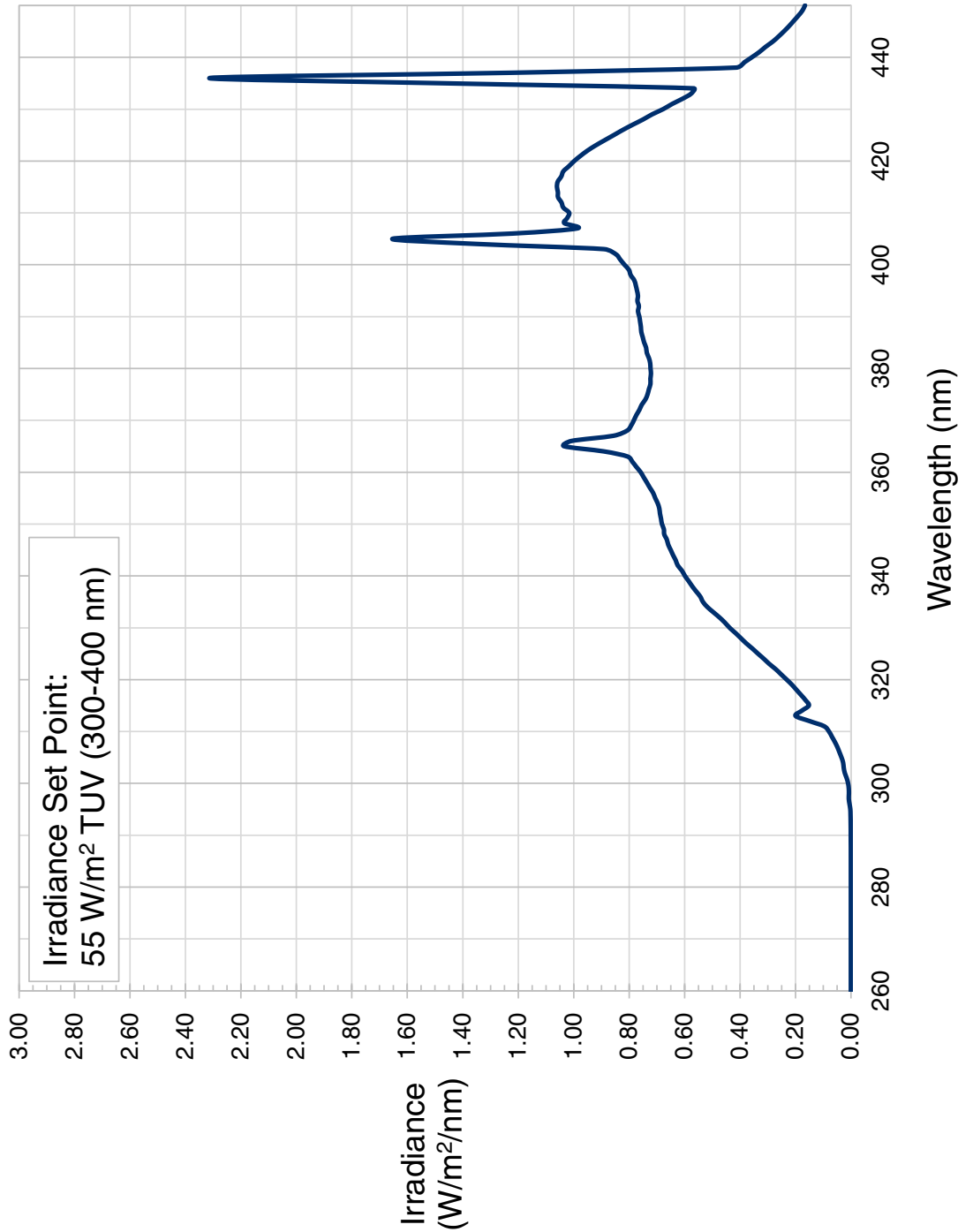




Spectral Irradiance

Spectral Power Distribution (SPD) for QUV testers with TUV-421 Fluorescent Lamps



Spectral Power Distribution (SPD) for QUV testers with TUV-421 Fouorescent Lamps

Wavelength (nm)	Irradiance (W/m ² /nm)	Wavelength (nm)	Irradiance (W/m ² /nm)	Wavelength (nm)	Irradiance (W/m ² /nm)	Wavelength (nm)	Irradiance (W/m ² /nm)
250	0.00	310	0.08	370	0.78	430	0.68
252	0.00	312	0.15	372	0.76	432	0.61
254	0.00	314	0.18	374	0.74	433	0.58
256	0.00	316	0.16	376	0.73	434	0.57
258	0.00	318	0.20	378	0.72	435	1.49
260	0.00	320	0.23	380	0.72	436	2.31
262	0.00	322	0.27	382	0.73	437	1.23
264	0.00	324	0.31	384	0.74	438	0.41
266	0.00	326	0.36	386	0.75	439	0.38
268	0.00	328	0.40	388	0.76	440	0.36
270	0.00	330	0.44	390	0.76	441	0.33
272	0.00	332	0.47	392	0.76	442	0.31
274	0.00	334	0.52	394	0.77	443	0.28
276	0.00	336	0.54	396	0.78	444	0.26
278	0.00	338	0.57	398	0.79	445	0.24
280	0.00	340	0.60	400	0.82	446	0.22
282	0.00	342	0.62	402	0.85	447	0.21
284	0.00	344	0.64	404	1.35	448	0.19
286	0.00	346	0.66	406	1.22	449	0.17
288	0.00	348	0.67	408	1.03	450	0.17
290	0.00	350	0.68	410	1.02		
292	0.00	352	0.69	412	1.04		
294	0.00	354	0.70	414	1.06		
296	0.00	356	0.71	416	1.06		
298	0.01	358	0.74	418	1.04		
300	0.01	360	0.76	420	1.00		
302	0.02	362	0.79	422	0.95		
304	0.03	364	0.89	424	0.89		
306	0.04	366	1.01	426	0.82		
308	0.06	368	0.81	428	0.75		

NOTE: Irradiance values may differ from those listed below due to variations in lamps, lamp age, chamber or room temperature, and measurement position. Different measurement instrumentation and calibration techniques can also cause measured irradiance values to differ from those listed below. UV Fluorescent lamps typically experience very little aging over their lifetime.



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