CS PRODUCT DISTRIBUTOR, LLC

TEST REPORT

SCOPE OF WORK
UV Lamp Wavelength Verification

REPORT NUMBER
104012876CRT-001

ISSUE DATE
30-Jul-2019

PAGES
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PERFORMANCE TEST REPORT

Issue Date:July 30, 2019

Intertek Report No. 104012876CRT-001
Intertek Project No. G104012876
Intertek Quote No.: Qu-00994818-0

CS PRODUCT DISTRIBUTOR, LLC
3660 Sea Gull Bluff Drive
Virgina Beach, VA 23455
USA

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Standard / Test Method
Per Quote Qu-00994818-0

Test Purpose	UV Lamp Wavelength Verification
Test Dates	July 16, 2019 - July 17, 2019

Christopher Klein
Engineer Team Lead
Lighting

David Ellis
Senior Project Engineer
Lighting

Test Plan and Datasheets			
Client	Billy Sykes	**Engineer**	Christopher Klein
Report #	104012876CRT-001	**Reviewer**	David Ellis
Product	UV Table Lamp	**Model(s)**	Table Lamp

Test Method	Test name	Clause	Pass Fail NA
Qu-00994818-0	UV Lamp Wavelength Verification	Wavelength	NA

Sample Information				
Date Rec.	**Intertek ID**	**Description**	**Condition**	**Model No.**
7/15/2019	CRT1907151129-001	UV Table Lamp	Production	Table Lamp

Picture(s)

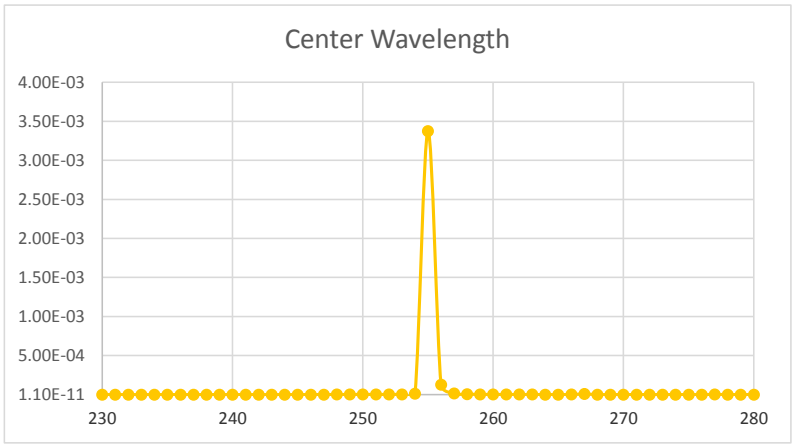
Wavelength

Method:

Sample was scanned by the OL750D Spectroradiometer at a 20cm distance to verify the lamps center wavelength. Sample was operated on 120VAC during testing.

Results:

Wavelength	(W/cm2-nm)
200	3.83E-08
201	1.64E-08
202	1.03E-08
203	1.00E-11
204	4.13E-10
205	1.49E-09
206	1.00E-11
207	1.00E-11
208	1.00E-11
209	1.00E-11
210	1.00E-11
211	1.00E-11
212	3.84E-10
213	1.00E-11
214	1.00E-11
215	1.00E-11
216	1.00E-11
217	1.00E-11
218	1.00E-11
219	1.25E-09
220	1.00E-11



221	1.00E-11
222	1.00E-11
223	1.00E-11
224	1.00E-11
225	1.00E-11
226	1.00E-11
227	2.88E-08
228	9.50E-08
229	4.59E-10
230	3.48E-09
231	4.22E-09
232	2.08E-08
233	8.41E-10
234	6.06E-09
235	4.24E-09
236	2.76E-08
237	2.81E-08
238	7.69E-09
239	1.86E-07
240	6.19E-08
241	6.43E-08
242	6.18E-08
243	2.72E-09
244	3.37E-09
245	7.11E-09
246	1.29E-07
247	6.88E-07
248	1.30E-06
249	1.47E-06
250	2.66E-06
251	1.73E-06
252	2.32E-06
253	3.91E-06
254	1.19E-05
255	3.37E-03
256	1.26E-04
257	1.36E-05
258	5.65E-06
259	3.00E-06
260	1.86E-06
261	1.61E-06
262	1.18E-06
263	8.52E-07
264	2.64E-07
265	1.44E-07
266	9.92E-07
267	7.73E-06
268	1.29E-07
269	1.24E-07
270	1.16E-07
271	2.87E-07
272	1.82E-07
273	1.45E-07
274	1.57E-07
275	1.68E-07
276	3.43E-07
277	2.25E-06
278	2.38E-07
279	2.25E-07
280	2.40E-07
281	2.90E-07
282	1.54E-06
283	3.43E-07
284	4.64E-07
285	2.88E-07
286	2.60E-07
287	3.98E-07
288	2.66E-07
289	2.60E-07
290	7.34E-07
291	4.78E-06
292	2.66E-07
293	2.72E-07
294	7.79E-07

295	2.60E-07
296	2.67E-07
297	3.13E-07
298	2.06E-05
299	1.70E-06
300	3.20E-07
301	3.18E-07
302	3.35E-07
303	2.11E-06
304	6.48E-06
305	4.51E-07
306	4.24E-07
307	4.35E-07
308	4.40E-07
309	4.54E-07
310	4.49E-07
311	4.59E-07
312	4.77E-07
313	5.10E-07
314	5.50E-06
315	5.63E-05
316	1.42E-05
317	5.53E-07
318	4.95E-07
319	4.68E-07
320	4.54E-07

Conclusion:	

Tested By:	Craig Small			Signature or initials:	
Reviewed By:	David Ellis			Signature or initials:	
Test Equipment Used:	1,2				
Amb (ºC):	25	RH%	34	Completion Date:	Wednesday, July 17, 2019

Equipment Used				
#	Intertek ID No.	Description	Model	Calibration Due
1	E288	Spectroradiometer	Gooch and Housego - OL750	7/20/2019
2	T1366	Hygrometer	445703	3/26/2020
3	E536	Digital Power Meter	WT1600	2/1/2020
4	A203	Current Transformer	411	3/8/2020
5	N1342	Tape Measure	Powerlock	3/11/2022
6				
7				
Note: For measurement uncertainty, refer to the calibration certificates for all the test equipment located in the equipment files				