

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

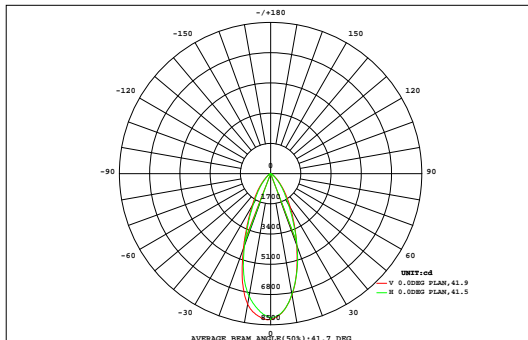
Maximum Intensity		1552.4 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		-1.5 degrees horizontal
Beam Spread	At 10% of Imax	81.1V x 84.0H
	At 50% of Imax	41.4V x 41.9H
	At 90% of Imax	15.1V x 17.8H
Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	864.0 lumens per klm.
	To 50% of Imax	456.8 lumens per klm.
	To 90% of Imax	103.1 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:30DEG
Operators:Simon
Test Date:2020-08-03

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.76V I:0.5012A P:107.12W PF:0.9682 Freq:50.01Hz Lamp Flux:5295.23x1 lm		
NAME: ProPoint Vista 1x100W_3000K_40D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:49.43lm/W	
MODEL	CREE	Imax(cd)	8220
NOMINAL POWER(W)	100	AVAILABILITY(%)	86.2
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	4567
NOMINAL FLUX(lm)	5295.23	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	5295
TEST VOLTAGE(V)	AC 220	θ @50%(H,V)	42,41DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.02	0.06	0.12	0.18	0.25	0.32	0.38	0.42	0.45	0.45	0.43	0.38	0.32	0.25	0.18	0.12	0.07	0.03	4.44	0.00
90	0.02	0.09	0.22	0.40	0.62	0.85	1.06	1.21	1.30	1.30	1.21	1.06	0.86	0.63	0.41	0.22	0.10	0.03	11.6	0.00
80	0.03	0.14	0.36	0.71	1.15	1.63	2.11	2.49	2.71	2.71	2.48	2.10	1.64	1.16	0.72	0.37	0.14	0.03	22.7	0.00
70	0.03	0.18	0.53	1.08	1.83	2.82	4.04	5.27	6.11	6.07	5.19	4.02	2.83	1.85	1.10	0.54	0.19	0.04	43.7	0.00
60	0.04	0.24	0.70	1.51	2.84	5.16	9.03	13.5	17.0	17.1	13.5	9.09	5.36	2.91	1.54	0.71	0.25	0.04	101	3.91
50	0.04	0.28	0.87	2.03	4.58	10.5	20.1	31.4	40.9	41.2	32.0	20.1	10.7	4.67	2.08	0.89	0.30	0.05	223	152
40	0.04	0.32	1.04	2.63	7.23	18.9	37.3	64.1	88.2	88.2	64.4	37.1	18.7	7.41	2.73	1.07	0.35	0.05	440	395
30	0.05	0.35	1.17	3.27	10.1	27.7	59.3	116	165	161	111	59.6	28.2	10.6	3.50	1.23	0.38	0.06	758	723
20	0.05	0.37	1.26	3.78	12.6	34.6	80.5	166	228	218	153	81.7	36.9	13.6	4.21	1.35	0.41	0.06	1037	1004
10	0.05	0.37	1.27	3.82	12.8	35.1	81.6	166	226	222	157	82.4	36.9	13.6	4.21	1.36	0.41	0.06	1045	1013
0	0.05	0.36	1.20	3.37	10.6	29.1	62.3	119	168	165	113	60.3	28.3	10.6	3.53	1.25	0.39	0.06	776	741
-10	0.05	0.34	1.08	2.75	7.59	20.2	39.5	66.0	86.9	85.4	62.0	37.3	18.6	7.46	2.77	1.10	0.36	0.06	440	396
-20	0.04	0.30	0.92	2.13	4.84	10.9	20.6	31.4	38.4	37.6	29.8	19.2	10.3	4.71	2.12	0.93	0.32	0.05	215	139
-30	0.04	0.26	0.75	1.59	3.01	5.44	9.00	12.6	15.1	14.9	12.1	8.46	5.21	2.93	1.57	0.75	0.27	0.05	94.0	0.00
-40	0.03	0.21	0.57	1.14	1.93	2.97	4.16	5.21	5.85	5.77	5.00	3.95	2.85	1.89	1.13	0.58	0.22	0.04	43.5	0.00
-50	0.03	0.16	0.40	0.76	1.21	1.72	2.21	2.60	2.80	2.77	2.51	2.13	1.67	1.20	0.76	0.41	0.17	0.04	23.5	0.00
-60	0.03	0.12	0.26	0.45	0.68	0.91	1.12	1.28	1.36	1.35	1.26	1.10	0.90	0.68	0.46	0.27	0.13	0.04	12.4	0.00
-70	0.02	0.10	0.17	0.25	0.33	0.40	0.47	0.51	0.54	0.54	0.51	0.47	0.41	0.33	0.25	0.17	0.10	0.03	5.59	0.00
-80	0.02	0.10	0.17	0.25	0.33	0.40	0.47	0.51	0.54	0.54	0.51	0.47	0.41	0.33	0.25	0.17	0.10	0.03	5.59	0.00
-90	0.02	0.10	0.17	0.25	0.33	0.40	0.47	0.51	0.54	0.54	0.51	0.47	0.41	0.33	0.25	0.17	0.10	0.03	5.59	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																				
Φ t	0.65	4.25	12.9	31.8	84.3	209	435	806	1095	1071	766	430	211	86.5	33.3	13.3	4.54	0.82	5295	---
Φ a	0.00	0.00	0.00	0.00	3.63	142	377	751	1043	1019	712	372	141	6.62	0.00	0.00	0.00	0.00	---	4567

one-half-peak spread: U:20.7,D:21.0 , L:19.8,R:20.9

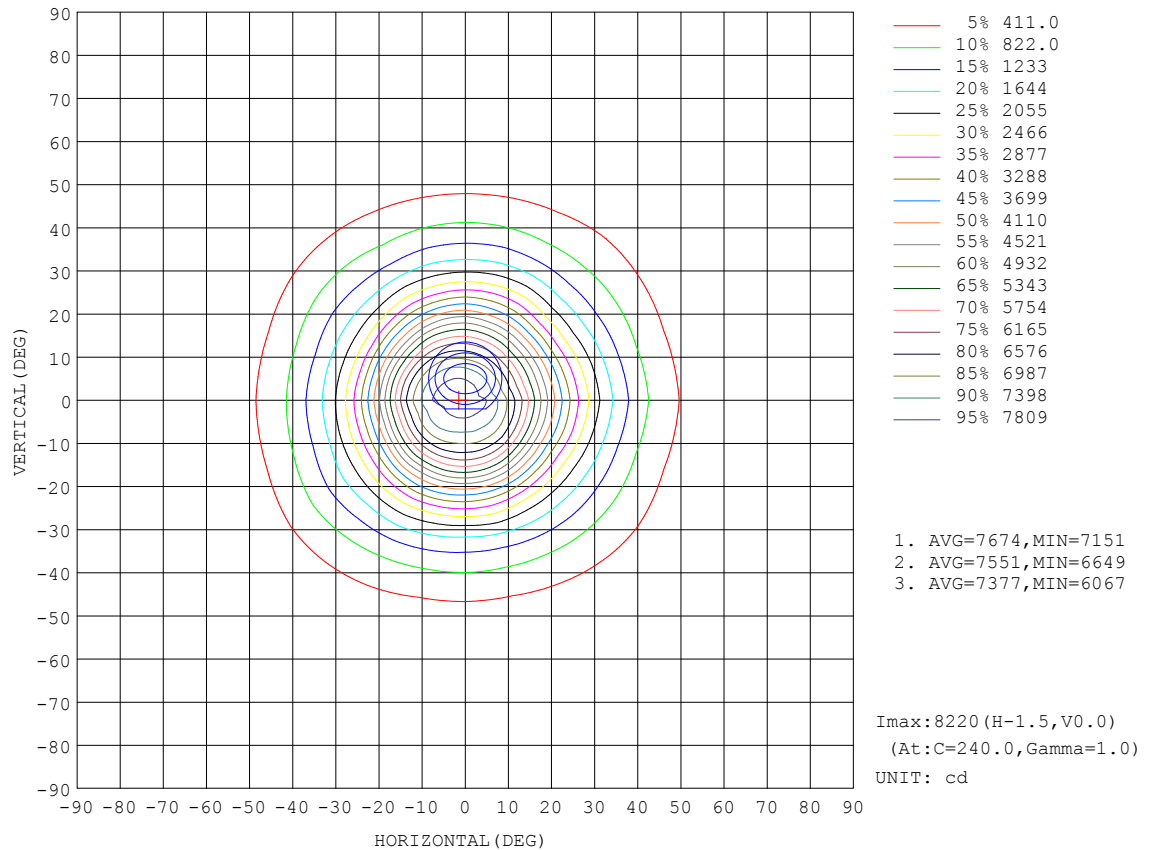
NEMA Beam Type: Type 5

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:30DEG
 Operators:Coffee
 Test Date:2020-07-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
 Humidity:65.0%
 Test Distance:11.510m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.76V I:0.5012A P:107.12W PF:0.9682 Freq:50.01Hz Lamp Flux:5295.23x1 lm		
NAME: ProPoint Vista 1x100W_3000K_40D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

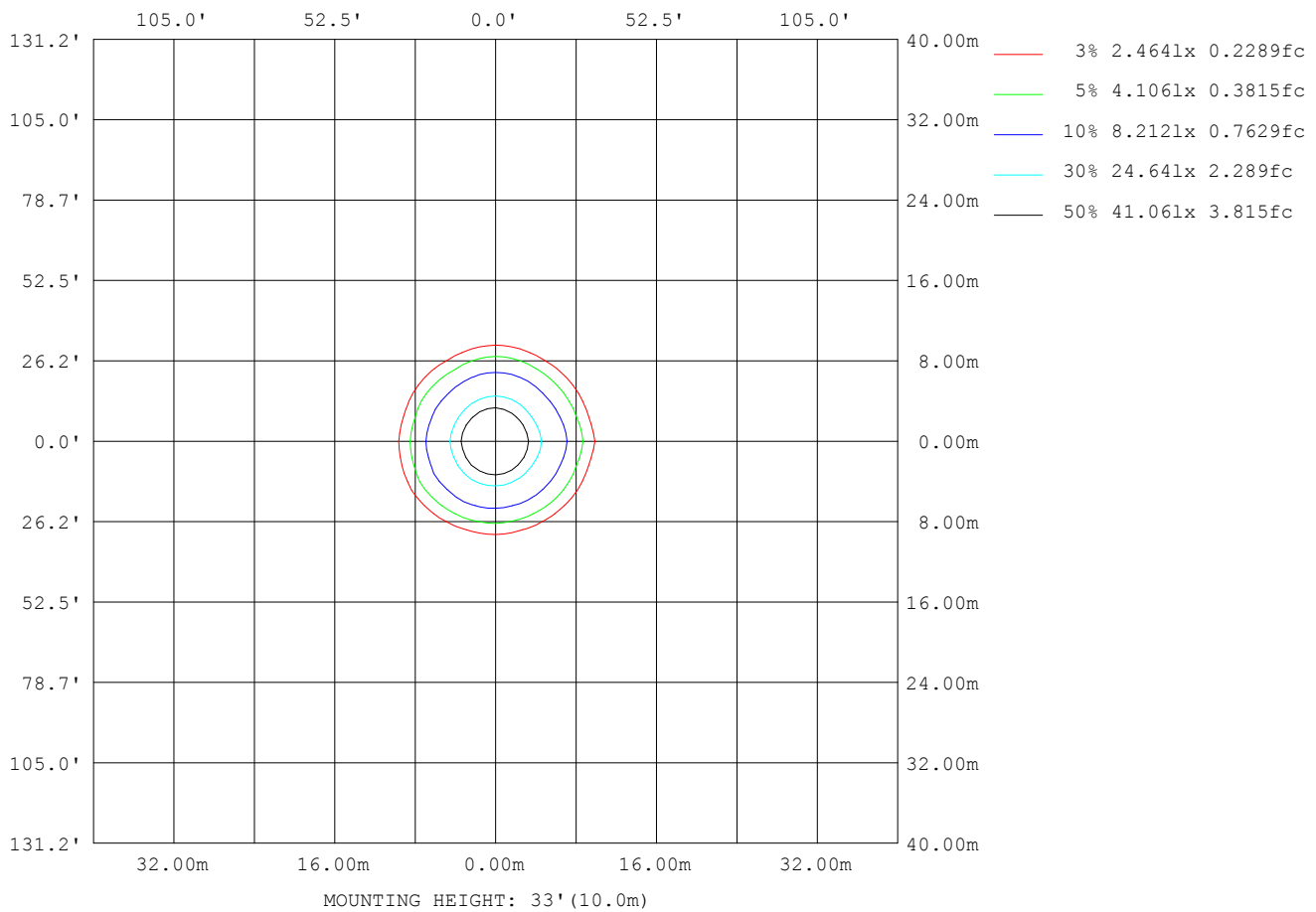


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ISOLUX DIAGRAM

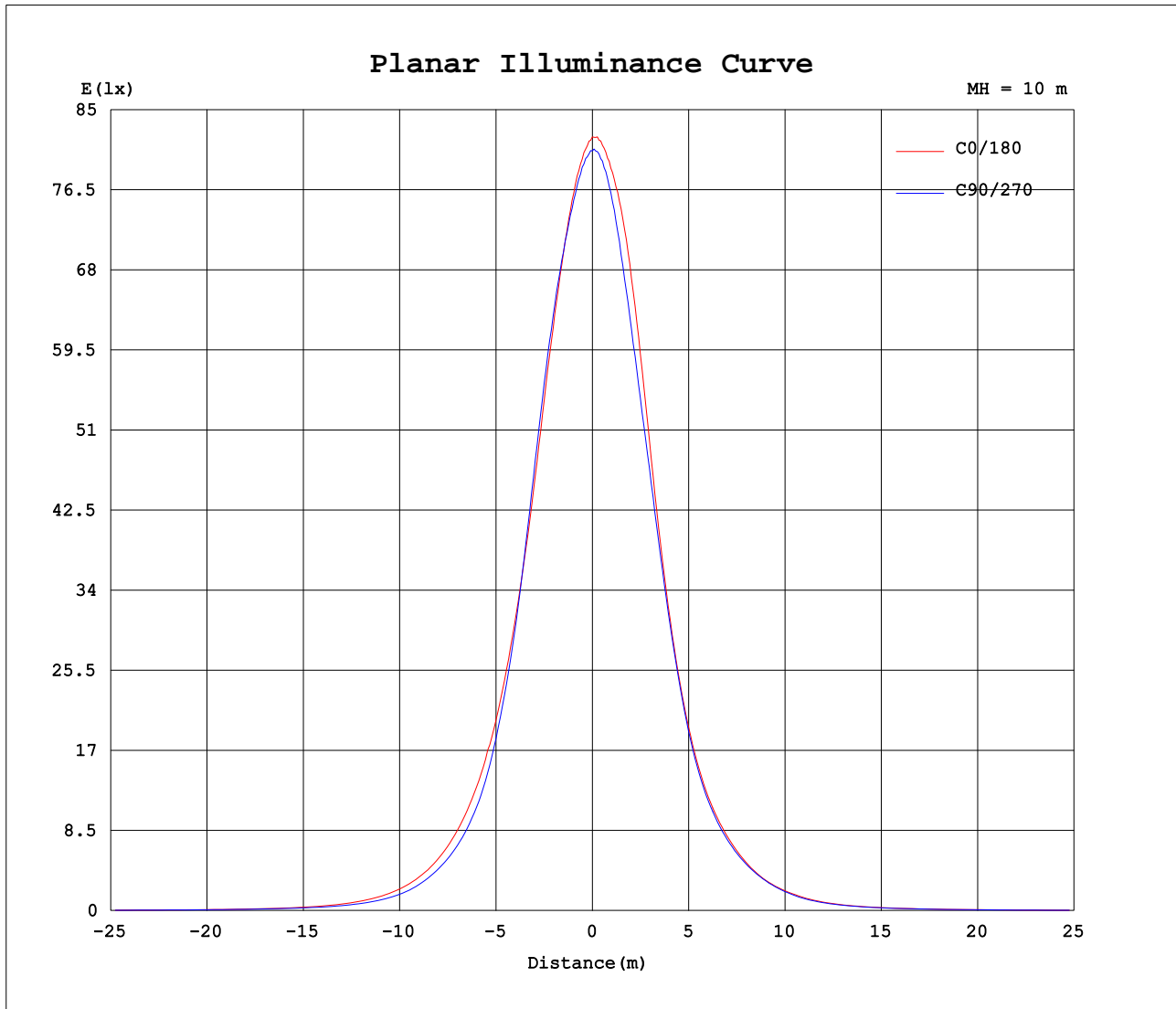
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Planar Illuminance Curve

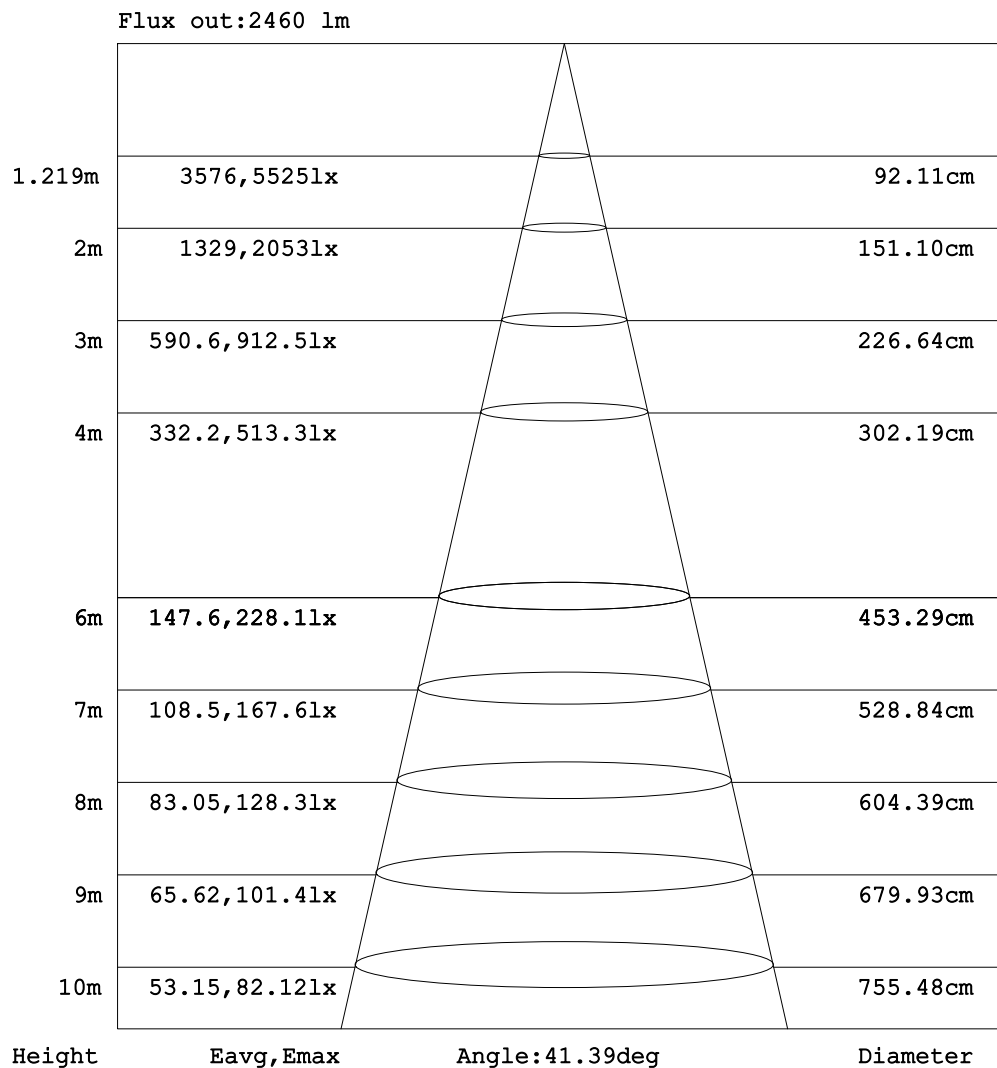


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AAI Figure

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SPEC.:	DIM.:	SERIAL No.:1
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Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 Test Speed: MEDIUM
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 γ Interval: 0.5DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

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NAME: ProPoint Vista 1x100W_3000K_40D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

Table--1

UNIT: cd

H(DEC) V(DEC)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	7.13	8.63	10.1	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.7
-85	7.13	8.74	10.4	12.2	12.5	12.9	13.3	13.7	14.1	14.5	14.9	15.3	15.6	15.9	16.2	16.3	16.5	16.6	16.6
-80	7.13	8.97	11.1	13.4	14.6	15.8	17.1	18.5	20.0	21.5	22.8	24.0	25.2	26.2	27.0	27.7	28.1	28.3	28.3
-75	7.13	9.26	12.0	15.2	17.5	20.0	22.6	25.5	28.3	31.1	33.7	36.2	38.3	40.2	41.9	43.1	43.9	44.3	44.3
-70	7.13	9.60	13.1	17.3	21.1	25.1	29.3	33.7	38.2	42.6	46.9	50.8	54.4	57.6	60.3	62.4	63.8	64.5	64.5
-65	7.13	9.99	14.4	19.8	25.2	30.8	36.8	43.0	49.5	55.9	62.2	68.2	74.0	79.1	83.5	87.0	89.5	91.0	91.1
-60	7.13	10.4	15.7	22.5	29.7	37.0	44.9	53.3	62.0	71.0	80.3	89.5	98.7	107	115	121	125	128	129
-55	7.13	10.8	17.2	25.3	34.3	43.5	53.6	64.4	76.1	88.6	102	117	132	147	161	172	181	187	188
-50	7.13	11.3	18.6	28.1	39.0	50.3	62.7	76.4	92.0	110	131	155	182	210	236	258	276	291	296
-45	7.13	11.7	20.0	30.9	43.6	57.0	72.1	89.4	110	136	169	211	260	314	368	414	448	479	489
-40	7.13	12.1	21.4	33.6	47.9	63.8	81.8	104	132	170	224	297	386	489	585	671	744	801	819
-35	7.13	12.5	22.7	36.1	51.9	70.3	91.5	119	157	215	306	422	574	730	895	1052	1179	1251	1258
-30	7.13	12.8	23.8	38.3	55.6	76.2	101	135	185	274	409	594	817	1051	1300	1564	1753	1872	1893
-25	7.13	13.1	24.8	40.3	58.9	81.6	110	151	218	336	526	809	1096	1408	1789	2213	2579	2838	2918
-20	7.13	13.3	25.7	42.0	61.8	86.2	119	167	250	401	655	992	1395	1807	2390	3064	3733	4170	4305
-15	7.13	13.5	26.3	43.2	64.0	90.1	126	183	284	465	767	1154	1620	2207	3024	4081	5022	5668	5863
-10	7.13	13.5	26.7	44.1	65.5	92.9	132	196	315	533	855	1273	1836	2602	3658	5033	6252	6883	6992
-5	7.13	13.5	26.8	44.5	66.2	94.6	135	206	338	577	919	1380	2009	2910	4175	5738	7033	7607	7697
0	7.13	13.5	26.7	44.4	66.3	94.9	137	210	350	595	943	1434	2074	3064	4476	6167	7459	8044	8212
5	7.13	13.4	26.6	44.2	65.8	93.9	134	204	336	566	902	1364	1967	2854	4189	5786	7047	7689	7775
10	7.13	13.3	26.2	43.5	64.5	91.5	130	193	310	514	822	1230	1772	2503	3617	4936	6114	6807	6886
15	7.13	13.1	25.7	42.3	62.5	88.0	123	178	277	447	721	1091	1542	2088	2919	3930	4932	5551	5709
20	7.13	12.9	24.9	40.7	59.9	83.5	115	161	240	386	611	935	1295	1700	2247	2978	3668	4182	4356
25	7.13	12.6	23.8	38.8	56.8	78.3	106	145	208	322	499	745	1034	1327	1697	2153	2577	2879	3022
30	7.13	12.2	22.7	36.5	53.1	72.6	96.6	129	177	258	388	565	782	998	1242	1515	1775	1944	2008
35	7.13	11.7	21.3	34.0	49.0	66.3	87.1	113	149	204	288	409	563	718	866	1048	1224	1333	1370
40	7.13	11.3	19.9	31.3	44.7	60.0	77.5	98.5	125	161	211	283	380	488	587	702	812	887	921
45	7.13	10.8	18.3	28.4	40.2	53.4	68.2	85.0	105	129	159	198	251	317	383	447	504	547	569
50	7.13	10.3	16.7	25.4	35.5	46.9	59.1	72.5	87.4	104	123	146	174	207	241	274	302	320	325
55	7.13	9.77	15.1	22.4	30.9	40.3	50.4	60.9	72.2	84.3	97.0	111	126	142	158	172	184	193	196
60	7.13	9.26	13.5	19.4	26.3	33.9	42.0	50.3	58.7	67.4	76.2	85.1	94.0	103	110	117	122	126	127
65	7.13	8.77	12.0	16.5	21.8	27.7	34.0	40.3	46.6	52.9	59.0	64.8	70.4	75.4	79.7	83.2	86.0	87.8	88.5
70	7.13	8.31	10.7	13.8	17.6	22.0	26.5	31.1	35.6	40.0	44.2	48.1	51.7	54.8	57.3	59.3	61.0	62.0	62.3
75	7.13	7.91	9.44	11.5	13.9	16.7	19.7	22.7	25.7	28.6	31.3	33.8	36.0	37.9	39.4	40.6	41.6	42.2	42.5
80	7.13	7.58	8.39	9.51	10.8	12.3	13.9	15.6	17.2	18.7	20.2	21.6	22.8	23.8	24.6	25.3	25.8	26.2	26.4
85	7.13	7.30	7.63	8.02	8.48	9.01	9.57	10.1	10.7	11.2	11.7	12.2	12.5	12.9	13.2	13.4	13.7	13.8	13.9
90	7.13	7.15	7.16	7.17	7.17	7.17	7.17	7.20	7.22	7.24	7.23	7.22	7.22	7.22	7.23	7.23	7.23	7.22	7.22

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C Interval: 15.0DEG
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γ Range: 0 - 90DEG
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NAME: ProPoint Vista lx100W_3000K_40D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

Table--2

UNIT: cd

H(DEC) V(DEC)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.9	11.9	11.9	12.0	12.0	
-85	16.6	16.5	16.4	16.2	16.0	15.7	15.5	15.1	14.7	14.4	14.0	13.6	13.3	13.0	12.6	12.4	12.2	12.0	
-80	28.2	27.9	27.5	26.8	26.0	25.1	24.1	22.9	21.7	20.3	19.0	17.6	16.3	15.1	14.0	13.1	12.4	12.0	
-75	44.1	43.4	42.4	41.2	39.6	37.7	35.8	33.6	31.2	28.6	25.8	23.1	20.5	18.1	15.9	14.1	12.8	12.0	
-70	63.9	62.7	60.8	58.7	56.0	53.0	49.8	46.2	42.4	38.3	34.1	29.8	25.7	21.8	18.3	15.4	13.2	12.0	
-65	89.8	87.4	84.1	80.5	76.1	71.3	66.2	60.9	55.1	49.3	43.3	37.3	31.5	26.0	21.0	16.7	13.7	12.0	
-60	126	122	116	110	102	94.5	86.3	78.0	69.6	61.5	53.3	45.3	37.7	30.5	23.9	18.2	14.1	12.0	
-55	184	176	165	153	140	126	112	99.1	86.6	75.0	64.2	53.9	44.2	35.1	26.9	19.8	14.7	12.0	
-50	287	269	248	223	197	173	149	127	107	90.5	75.9	62.8	50.8	39.9	29.9	21.5	15.2	12.0	
-45	472	434	395	347	296	246	203	164	133	108	88.7	72.0	57.5	44.6	33.0	23.1	15.7	12.0	
-40	788	724	644	550	453	364	284	217	166	130	103	81.8	64.2	49.1	35.9	24.6	16.2	12.0	
-35	1219	1123	993	837	680	531	402	293	210	155	118	91.5	70.8	53.5	38.7	26.1	16.7	12.0	
-30	1857	1696	1475	1233	983	747	554	394	266	185	135	102	77.3	57.6	41.3	27.5	17.1	12.0	
-25	2800	2476	2069	1689	1342	1010	730	506	332	219	152	112	83.4	61.4	43.5	28.7	17.5	12.0	
-20	4081	3551	2866	2233	1725	1292	919	620	401	255	171	122	89.0	64.8	45.5	29.7	17.9	12.0	
-15	5585	4828	3811	2877	2139	1587	1112	734	467	297	192	132	93.9	67.5	47.1	30.6	18.1	12.0	
-10	6769	5977	4730	3543	2603	1866	1296	856	546	338	212	140	97.9	69.7	48.3	31.2	18.3	12.0	
-5	7478	6703	5388	4077	2970	2100	1455	962	608	372	227	147	101	71.1	49.1	31.6	18.4	12.0	
0	7802	6906	5655	4293	3139	2236	1552	1031	650	394	237	150	102	71.8	49.4	31.7	18.5	12.0	
5	7339	6446	5259	4029	2934	2101	1455	965	609	372	226	146	100	70.7	48.7	31.3	18.3	12.0	
10	6522	5674	4642	3495	2568	1866	1297	862	547	338	210	139	96.8	68.7	47.6	30.7	18.1	12.0	
15	5392	4701	3758	2844	2116	1570	1109	742	469	296	190	130	92.1	66.1	46.0	29.8	17.7	12.0	
20	4080	3592	2910	2230	1707	1267	918	628	399	253	169	119	86.6	62.9	44.1	28.8	17.3	12.0	
25	2900	2600	2178	1708	1319	1001	741	510	328	217	150	108	80.4	59.1	41.8	27.5	16.9	12.0	
30	1963	1799	1552	1259	986	766	570	389	263	183	132	97.9	73.8	54.9	39.2	26.1	16.4	12.0	
35	1342	1243	1072	883	714	562	416	293	208	154	116	88.2	66.9	50.4	36.4	24.5	15.8	12.0	
40	893	821	710	593	491	390	297	219	166	129	101	78.6	60.5	45.7	33.3	22.8	15.2	12.0	
45	548	504	447	382	318	260	207	164	132	107	86.6	69.2	54.0	40.7	30.0	21.0	14.6	12.0	
50	319	300	271	237	206	176	149	125	106	89.1	73.9	60.0	47.4	36.0	26.7	19.2	14.0	12.0	
55	191	181	169	156	141	126	111	97.4	85.0	73.4	62.1	51.2	40.9	31.3	23.4	17.4	13.4	12.0	
60	126	122	116	110	102	93.8	85.2	76.4	68.0	59.6	51.2	42.7	34.4	26.6	20.1	15.7	12.8	12.0	
65	87.8	85.9	83.1	79.5	75.3	70.4	64.9	59.2	53.3	47.3	41.1	34.6	28.2	22.1	17.0	14.0	12.2	12.0	
70	62.0	60.9	59.3	57.3	54.8	51.8	48.3	44.5	40.4	36.1	31.6	27.0	22.3	17.8	14.1	12.5	11.7	12.0	
75	42.3	41.7	40.7	39.6	38.0	36.2	34.0	31.6	28.9	26.0	23.1	20.1	16.9	14.0	11.6	11.2	11.3	12.0	
80	26.3	26.0	25.5	24.9	24.1	23.0	21.8	20.4	18.9	17.3	15.7	14.1	12.3	10.8	9.47	10.1	10.9	12.0	
85	13.8	13.7	13.6	13.3	13.0	12.7	12.2	11.7	11.2	10.7	10.1	9.54	8.93	8.38	7.93	9.20	10.6	12.0	
90	7.21	7.20	7.19	7.17	7.15	7.13	7.11	7.09	7.07	7.05	7.04	7.02	7.00	6.97	6.95	6.93	6.91	6.89	6.87

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:30DEG
Operators:Coffee
Test Date:2020-07-10

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks: