

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	762.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-0.5 degrees horizontal

Beam Spread	At 10% of I _{max}	109.6V x 107.1H
	At 50% of I _{max}	72.2V x 73.6H
	At 90% of I _{max}	13.8V x 12.1H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of I _{max}	920.6 lumens per klm.
	To 50% of I _{max}	651.5 lumens per klm.
	To 90% of I _{max}	28.5 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

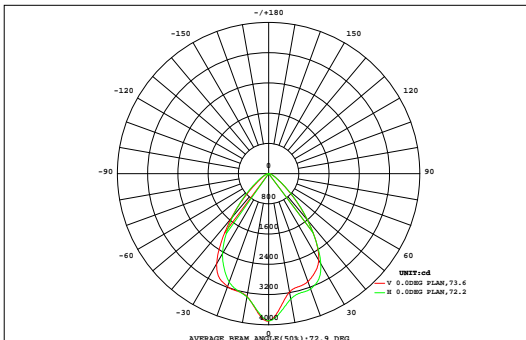
Luminaire Efficiency(Light Output Ratio)	100.0 %
------------------------------------------	---------

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:220.71V I:0.4984A P:106.44W PF:0.9677 Freq:50.01Hz Lamp Flux:5118.98x1 lm		
NAME: ProPoint Vista 1x100W_3000K_80D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:48.09lm/W	
MODEL LED	3000K/CRI>=80	Imax(cd)	3905
NOMINAL POWER(W)	100	AVAILABILITY(%)	92.1
RATED VOLTAGE(V)	AC 220	Avai. FLUX(lm)	4713
NOMINAL FLUX(lm)	5118.98	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	5119
TEST VOLTAGE(V)	AC 220	θ @50%(H,V)	74,72DEG

		AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
		0.02	0.06	0.12	0.20	0.28	0.37	0.45	0.51	0.55	0.55	0.52	0.46	0.38	0.29	0.20	0.12	0.06	0.02	5.15	0.00
VERTICAL (DEG)	90	0.02	0.10	0.27	0.51	0.83	1.18	1.52	1.79	1.94	1.95	1.81	1.55	1.20	0.85	0.53	0.27	0.11	0.03	16.4	0.00
	80	0.03	0.16	0.47	0.97	1.62	2.42	3.30	4.08	4.56	4.58	4.12	3.35	2.48	1.67	0.99	0.49	0.17	0.03	35.5	0.00
	70	0.03	0.24	0.72	1.52	2.69	4.38	6.81	9.56	11.6	11.6	9.65	6.90	4.50	2.78	1.56	0.74	0.25	0.04	75.6	20.1
	60	0.04	0.31	0.98	2.17	4.25	8.26	15.5	24.6	31.6	31.6	24.5	15.4	8.45	4.45	2.26	1.01	0.33	0.05	176	146
	50	0.05	0.38	1.24	2.96	6.85	16.5	33.3	52.6	64.7	64.2	51.0	31.7	16.3	7.23	3.15	1.29	0.40	0.06	354	334
	40	0.05	0.44	1.48	3.92	11.2	29.7	56.8	81.6	92.4	91.1	78.9	54.3	28.8	11.8	4.28	1.57	0.47	0.06	549	534
	30	0.06	0.48	1.68	4.95	16.6	43.4	74.9	93.5	99.6	97.2	89.1	72.7	43.4	17.4	5.53	1.81	0.52	0.07	663	650
	-30	0.06	0.51	1.80	5.69	20.7	52.2	82.6	94.8	106	103	90.6	78.9	52.6	21.9	6.52	1.96	0.55	0.07	721	709
		0.06	0.51	1.81	5.72	20.7	52.0	81.8	93.8	105	103	90.5	77.1	51.0	21.7	6.51	1.97	0.56	0.07	714	702
		0.06	0.49	1.70	5.03	16.8	42.9	72.3	89.3	96.2	95.3	86.3	67.3	40.4	17.1	5.50	1.82	0.53	0.07	639	626
		0.05	0.45	1.51	4.05	11.6	29.5	55.0	75.7	83.8	82.4	71.2	50.0	27.0	11.6	4.27	1.60	0.48	0.06	510	495
		0.05	0.39	1.28	3.09	7.40	17.5	34.2	51.5	60.0	57.7	47.0	30.7	16.2	7.31	3.18	1.33	0.42	0.06	339	320
0.04		0.33	1.02	2.28	4.62	9.30	17.3	26.2	31.2	30.1	23.9	15.6	8.82	4.58	2.31	1.05	0.35	0.05	179	151	
0.04		0.26	0.76	1.60	2.90	4.88	7.75	10.7	12.3	12.1	10.1	7.31	4.77	2.89	1.62	0.78	0.27	0.04	81.0	25.3	
0.03		0.19	0.51	1.03	1.75	2.64	3.64	4.52	4.98	4.93	4.40	3.55	2.60	1.73	1.04	0.52	0.19	0.04	38.3	0.00	
-70	0.03	0.13	0.30	0.56	0.90	1.28	1.65	1.95	2.10	2.09	1.91	1.61	1.25	0.89	0.56	0.30	0.13	0.03	17.7	0.00	
-80	0.02	0.09	0.16	0.25	0.34	0.44	0.52	0.59	0.62	0.61	0.57	0.51	0.42	0.33	0.24	0.16	0.09	0.03	5.99	0.00	
-90																					
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																					
Φ t	0.73	5.51	17.8	46.5	132	319	549	717	809	795	686	519	311	136	50.2	18.8	5.89	0.88	5119	---	
Φ a	0.00	0.00	0.00	6.14	99.0	290	523	692	784	770	661	492	282	104	10.3	0.00	0.00	0.00	---	4713	

one-half-peak spread: U:35.5,D:18.5 , L:36.3,R:37.6

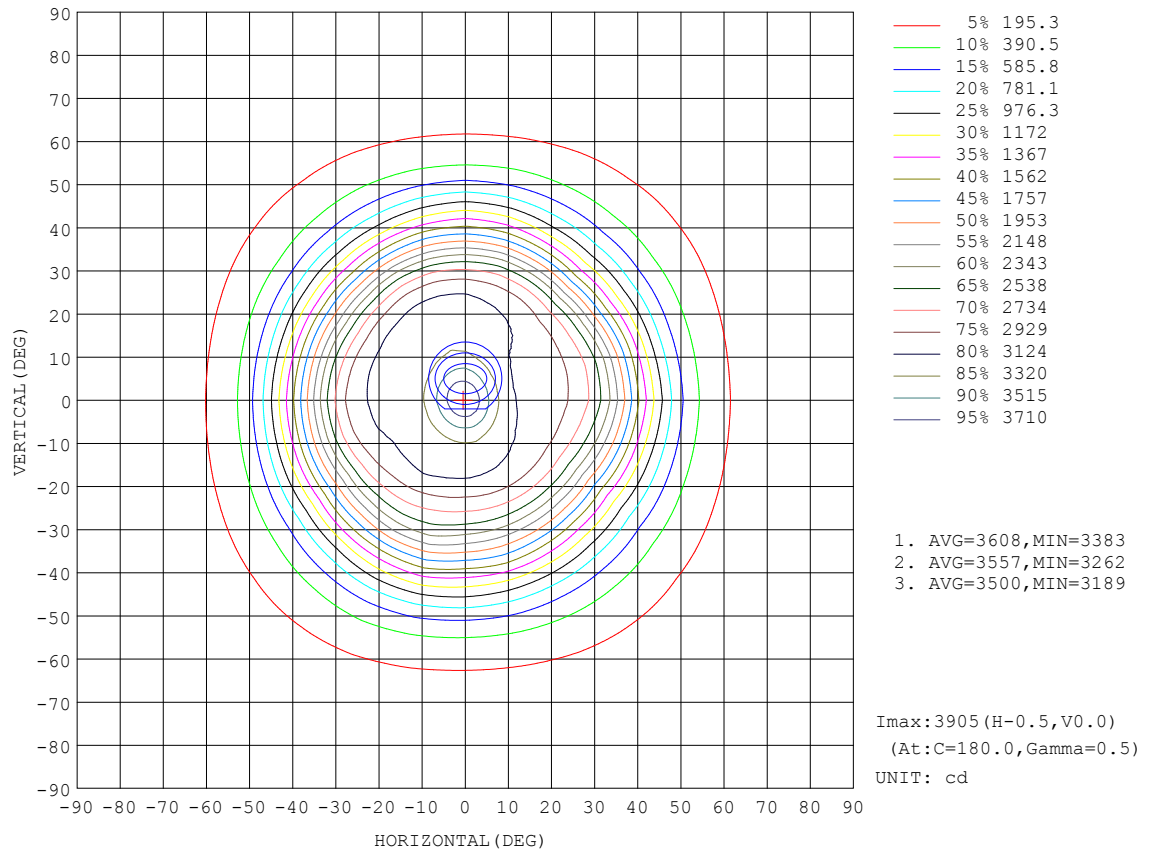
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:30DEG
 Operators:Simon
 Test Date:2020-08-04

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:220.71V I:0.4984A P:106.44W PF:0.9677 Freq:50.01Hz Lamp Flux:5118.98x1 lm		
NAME: ProPoint Vista 1x100W_3000K_80D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:

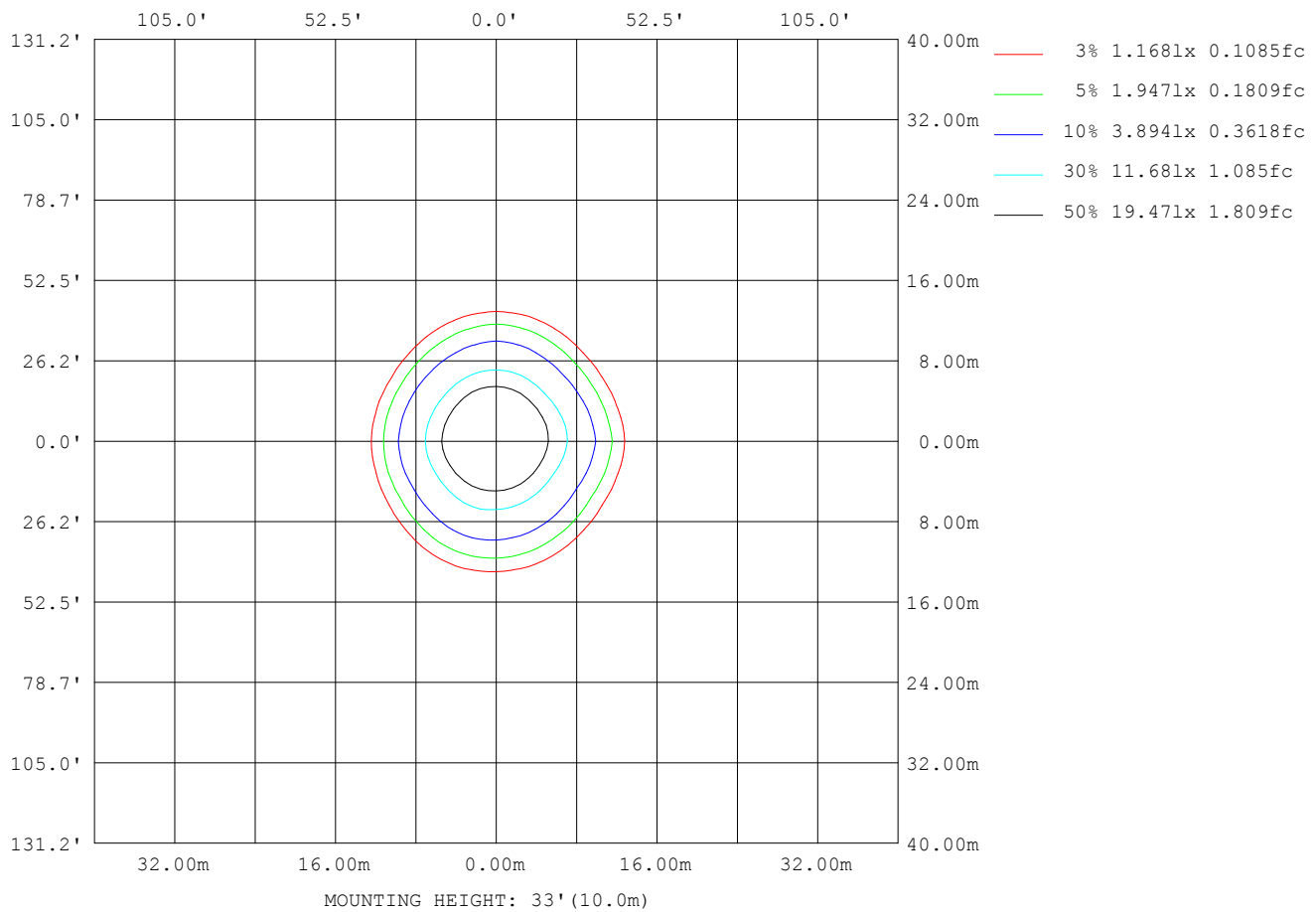


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 30DEG
 Operators: Simon
 Test Date: 2020-08-04

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:

ISOLUX DIAGRAM

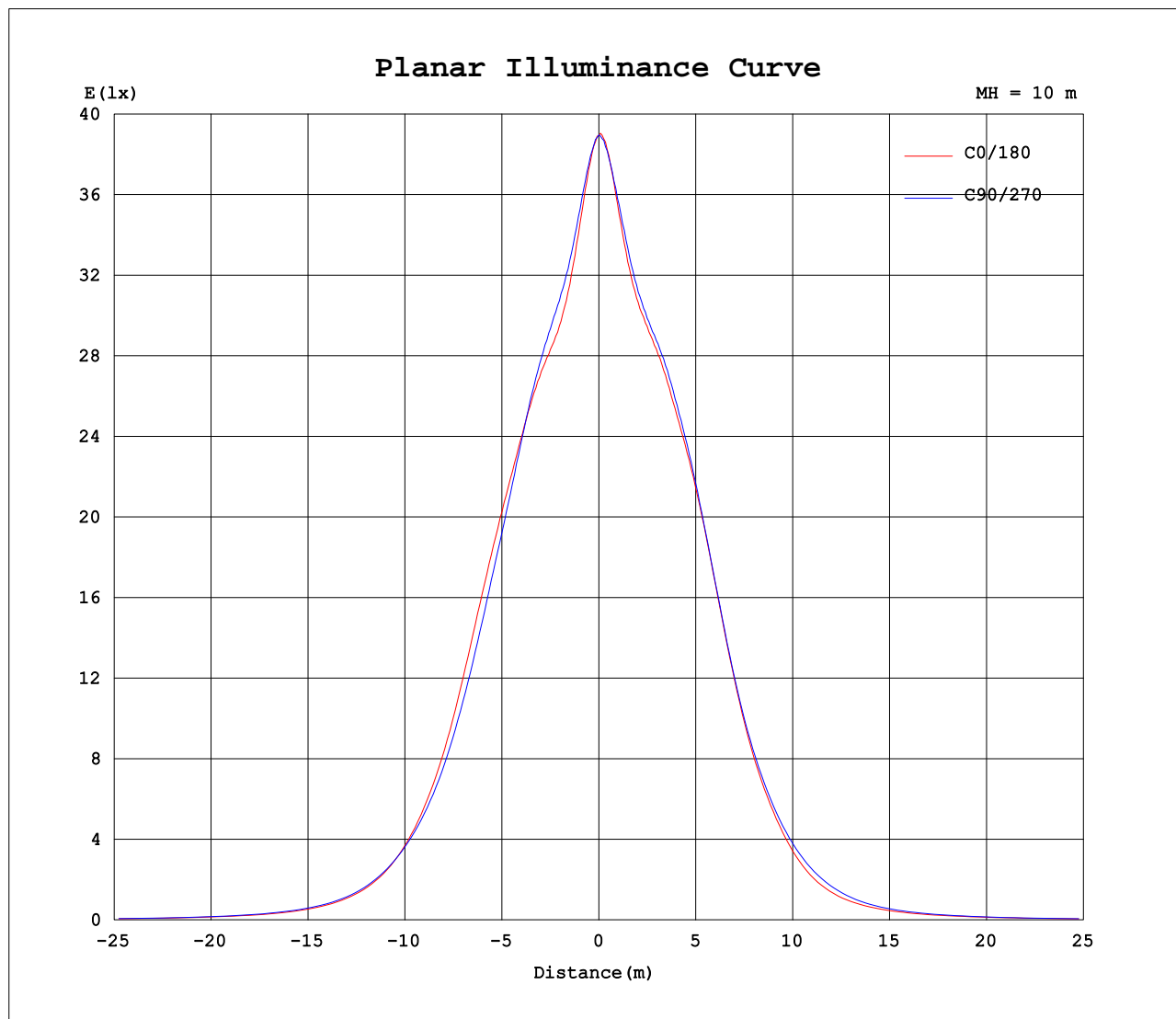
Test:U:220.71V I:0.4984A P:106.44W PF:0.9677 Freq:50.01Hz Lamp Flux:5118.98x1 lm		
NAME: ProPoint Vista 1x100W_3000K_80D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:30DEG
Operators:Simon
Test Date:2020-08-04

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

Planar Illuminance Curve

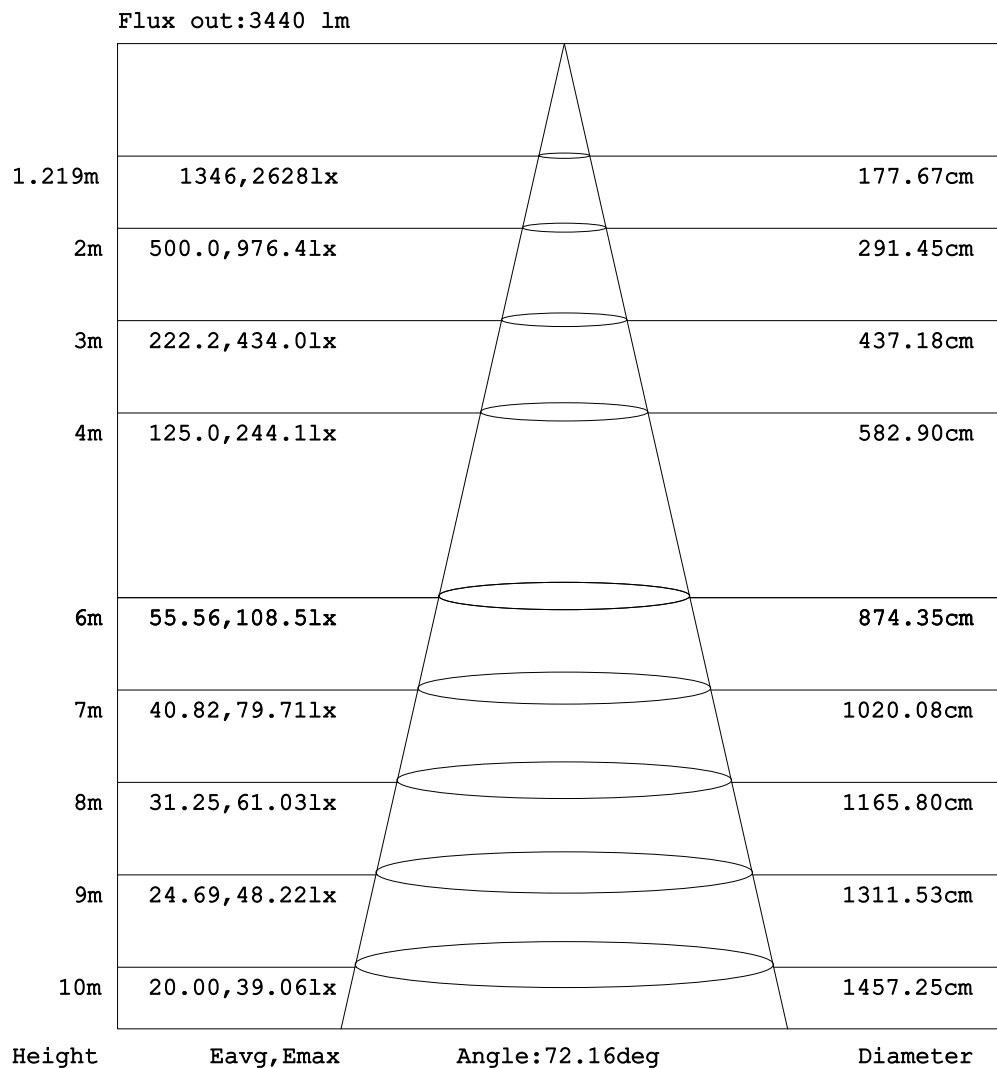


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 30DEG
Operators: Simon
Test Date: 2020-08-04

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:

AAI Figure

Test:U:220.71V I:0.4984A P:106.44W PF:0.9677 Freq:50.01Hz Lamp Flux:5118.98x1 lm		
NAME: ProPoint Vista 1x100W_3000K_80D	TYPE:Projector	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: Traxon Technologies	SUR.:	Shielding Angle:



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 30DEG
 Operators: Simon
 Test Date: 2020-08-04

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.71V I:0.4984A P:106.44W PF:0.9677 Freq:50.01Hz Lamp Flux:5118.98x1 lm		
NAME: ProPoint Vista 1x100W_3000K_80D	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	6.25	7.61	8.96	10.3	10.3	10.3	10.3	10.2	10.2	10.2	10.2	10.2	10.1	10.1	10.1	10.0	10.0	10.0	10.0
-85	6.25	7.84	9.58	11.4	11.9	12.4	13.0	13.6	14.2	14.8	15.5	16.0	16.6	17.2	17.7	18.1	18.3	18.4	18.4
-80	6.25	8.25	10.6	13.3	14.9	16.7	18.7	21.0	23.3	25.8	28.2	30.5	32.7	34.6	36.3	37.7	38.5	39.0	39.1
-75	6.25	8.74	12.0	15.9	19.2	22.9	26.9	31.5	36.2	41.0	45.8	50.4	54.9	58.7	62.2	65.1	66.9	67.9	68.2
-70	6.25	9.29	13.6	19.1	24.4	30.5	37.1	44.2	51.7	59.3	67.1	74.8	82.4	89.4	95.6	101	104	106	107
-65	6.25	9.88	15.5	22.7	30.5	39.0	48.4	58.4	69.1	80.2	92.0	104	117	129	140	150	157	160	161
-60	6.25	10.5	17.5	26.7	37.0	48.3	60.6	73.8	88.5	104	122	141	163	186	206	225	238	244	245
-55	6.25	11.2	19.7	30.8	43.8	57.8	73.4	90.5	110	132	159	191	229	274	313	349	377	391	393
-50	6.25	11.9	21.9	35.1	50.7	67.7	86.8	109	134	166	207	260	329	410	488	562	619	645	649
-45	6.25	12.5	24.0	39.3	57.4	77.5	101	128	162	208	272	359	475	610	749	874	980	1023	1026
-40	6.25	13.1	26.1	43.4	63.9	87.3	115	149	194	261	362	502	679	886	1106	1292	1444	1486	1472
-35	6.25	13.7	28.0	47.2	70.0	96.6	129	172	233	328	478	684	929	1231	1516	1758	1937	2000	1977
-30	6.25	14.3	29.8	50.6	75.7	106	144	196	279	414	619	903	1254	1625	1963	2241	2406	2462	2441
-25	6.25	14.7	31.3	53.7	80.7	114	157	221	330	518	795	1156	1599	2005	2362	2608	2729	2779	2780
-20	6.25	15.1	32.6	56.3	85.1	121	170	246	384	633	996	1446	1910	2354	2683	2882	2996	3041	3049
-15	6.25	15.4	33.6	58.3	88.6	127	182	271	440	749	1200	1721	2224	2657	2925	3060	3163	3189	3194
-10	6.25	15.6	34.3	59.7	91.1	132	191	291	490	854	1369	1943	2495	2890	3063	3149	3205	3264	3313
-5	6.25	15.6	34.6	60.5	92.6	135	196	305	526	932	1483	2090	2668	3009	3143	3194	3250	3465	3621
0	6.25	15.6	34.6	60.7	93.0	136	198	310	539	969	1537	2167	2755	3067	3182	3219	3299	3642	3894
5	6.25	15.5	34.5	60.3	92.3	134	195	304	522	927	1481	2098	2684	3034	3188	3220	3275	3514	3674
10	6.25	15.4	34.0	59.2	90.4	131	189	289	484	847	1364	1955	2537	2947	3151	3240	3262	3326	3371
15	6.25	15.1	33.1	57.4	87.4	126	179	267	432	737	1194	1738	2292	2749	3051	3217	3284	3294	3267
20	6.25	14.7	31.9	55.2	83.6	119	167	240	375	617	993	1467	1974	2462	2852	3089	3205	3255	3243
25	6.25	14.3	30.5	52.4	78.9	111	153	214	317	496	784	1170	1617	2068	2497	2833	3016	3099	3105
30	6.25	13.7	28.8	49.2	73.5	103	139	189	265	387	591	887	1241	1621	2019	2363	2610	2740	2759
35	6.25	13.1	26.9	45.5	67.6	93.4	125	165	220	302	438	640	890	1194	1509	1793	2017	2145	2187
40	6.25	12.4	24.8	41.5	61.3	84.0	111	143	183	240	325	449	618	820	1032	1255	1442	1553	1600
45	6.25	11.7	22.5	37.2	54.6	74.2	96.5	122	153	192	244	317	419	543	680	820	946	1028	1075
50	6.25	11.0	20.3	32.8	47.8	64.4	82.9	103	127	154	187	230	288	356	430	507	575	625	652
55	6.25	10.2	18.0	28.4	40.9	54.8	69.8	85.8	104	123	145	172	203	239	276	313	343	363	373
60	6.25	9.51	15.7	24.1	34.1	45.3	57.2	69.8	83.1	97.2	112	129	147	166	184	201	214	223	228
65	6.25	8.82	13.5	19.9	27.6	36.2	45.3	54.9	64.7	74.7	85.0	96.0	107	117	127	136	142	146	148
70	6.25	8.17	11.5	16.0	21.5	27.7	34.3	41.2	48.1	55.0	62.1	69.2	76.0	82.1	87.5	92.0	95.5	97.7	98.7
75	6.25	7.57	9.76	12.7	16.1	20.1	24.4	28.8	33.3	37.8	42.3	46.7	50.7	54.3	57.3	59.8	61.7	62.9	63.4
80	6.25	7.03	8.30	9.85	11.7	13.8	16.0	18.3	20.7	23.0	25.5	27.9	30.0	31.8	33.3	34.6	35.5	36.1	36.4
85	6.25	6.58	7.11	7.74	8.37	9.06	9.79	10.5	11.3	12.0	12.8	13.5	14.2	14.8	15.4	15.8	16.2	16.4	16.6
90	6.25	6.29	6.33	6.37	6.37	6.38	6.38	6.40	6.41	6.43	6.41	6.38	6.36	6.36	6.35	6.35	6.38	6.41	6.44

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:30DEG
Operators:Simon
Test Date:2020-08-04

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.71V I:0.4984A P:106.44W PF:0.9677 Freq:50.01Hz Lamp Flux:5118.98x1 lm		
NAME: ProPoint Vista 1x100W_3000K_80D	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	9.98	9.96	9.94	9.93	9.92	9.92	9.90	9.88	9.85	9.86	9.86	9.87	9.88	9.88	9.89	9.94	9.98	10.0	
-85	18.3	18.0	17.6	17.2	16.7	16.1	15.6	15.1	14.5	13.8	13.2	12.5	12.0	11.5	10.9	10.5	10.2	10.0	
-80	38.7	37.9	36.8	35.4	33.7	31.8	29.8	27.6	25.4	23.1	20.8	18.5	16.6	14.8	13.1	11.7	10.7	10.0	
-75	67.5	66.0	63.8	60.9	57.5	53.6	49.5	45.1	40.6	36.0	31.5	27.1	23.1	19.3	16.0	13.2	11.2	10.0	
-70	105	103	98.8	93.6	87.5	80.8	73.6	66.2	58.8	51.5	44.3	37.4	31.0	24.9	19.5	15.1	11.8	10.0	
-65	158	153	146	137	126	115	103	90.9	79.7	69.0	58.7	49.0	39.9	31.3	23.6	17.1	12.5	10.0	
-60	241	231	217	199	180	159	139	120	104	88.5	74.3	61.4	49.4	38.1	28.0	19.4	13.2	10.0	
-55	382	361	330	295	258	221	187	157	132	110	91.1	74.7	59.4	45.2	32.5	21.8	14.0	10.0	
-50	626	583	519	446	376	310	253	205	166	134	110	88.6	69.7	52.5	37.2	24.3	14.8	10.0	
-45	982	906	796	672	550	439	343	267	207	162	130	103	80.0	59.7	41.8	26.7	15.5	10.0	
-40	1428	1335	1173	986	794	618	467	351	260	196	152	118	90.4	66.8	46.3	29.1	16.3	10.0	
-35	1918	1800	1603	1363	1103	847	633	457	326	237	177	134	101	73.6	50.6	31.3	17.0	10.0	
-30	2381	2250	2044	1771	1444	1126	832	587	414	288	204	150	111	79.9	54.5	33.4	17.7	10.0	
-25	2745	2639	2447	2170	1816	1432	1057	757	523	345	233	165	120	85.7	58.0	35.2	18.2	10.0	
-20	3023	2927	2767	2517	2167	1730	1335	954	644	409	265	181	128	90.8	60.9	36.8	18.8	10.0	
-15	3165	3086	2968	2766	2462	2070	1620	1159	767	477	297	196	136	95.0	63.4	38.1	19.2	10.0	
-10	3244	3138	3061	2915	2691	2343	1869	1347	885	542	326	208	142	98.2	65.2	39.0	19.5	10.0	
-5	3426	3163	3086	2996	2818	2532	2062	1498	982	592	350	217	146	100	66.4	39.6	19.7	10.0	
0	3552	3186	3097	3041	2890	2644	2184	1590	1044	621	363	222	148	101	66.8	39.9	19.7	10.0	
5	3414	3150	3079	3027	2882	2623	2127	1528	989	590	350	217	145	99.8	66.0	39.4	19.6	10.0	
10	3245	3130	3070	2994	2831	2519	1990	1403	896	540	328	208	141	97.3	64.6	38.6	19.3	10.0	
15	3206	3135	3047	2922	2677	2270	1740	1218	774	478	300	195	135	93.7	62.4	37.5	18.9	10.0	
20	3175	3097	2968	2741	2393	1913	1437	1001	647	411	268	180	127	89.0	59.6	36.1	18.4	10.0	
25	3047	2939	2741	2402	1969	1536	1131	789	524	346	234	164	117	83.5	56.4	34.3	17.8	10.0	
30	2709	2560	2293	1927	1519	1174	865	602	412	287	203	147	107	77.3	52.6	32.3	17.1	10.0	
35	2129	1982	1732	1435	1131	853	638	453	320	236	175	131	96.9	70.6	48.5	30.1	16.4	10.0	
40	1539	1424	1226	1003	800	612	455	339	254	194	150	115	86.7	63.5	44.1	27.7	15.6	10.0	
45	1030	948	818	677	545	423	325	255	202	159	127	99.8	76.5	56.3	39.4	25.2	14.8	10.0	
50	626	579	511	432	358	293	237	194	160	131	107	85.4	66.3	49.0	34.7	22.6	13.9	10.0	
55	365	346	316	279	243	208	177	150	127	107	88.2	71.7	56.3	42.0	29.9	20.1	13.1	10.0	
60	224	216	203	186	169	150	132	115	99.7	85.3	71.6	58.7	46.5	35.0	25.2	17.5	12.3	10.0	
65	147	143	137	129	119	109	98.1	87.1	76.6	66.4	56.3	46.5	37.1	28.3	20.6	15.2	11.5	10.0	
70	98.1	96.2	93.1	88.7	83.6	77.4	70.6	63.6	56.4	49.4	42.2	35.2	28.4	22.0	16.5	13.0	10.8	10.0	
75	63.2	62.2	60.5	58.2	55.2	51.7	47.7	43.3	38.8	34.2	29.6	25.0	20.6	16.4	12.9	11.1	10.1	10.0	
80	36.3	35.9	35.1	33.9	32.4	30.7	28.5	26.2	23.8	21.3	18.8	16.4	14.0	11.7	9.87	9.54	9.56	10.0	
85	16.6	16.4	16.1	15.8	15.3	14.8	14.0	13.2	12.4	11.5	10.7	9.88	9.06	8.30	7.64	8.31	9.09	10.0	
90	6.45	6.46	6.47	6.45	6.44	6.43	6.42	6.41	6.40	6.37	6.34	6.31	6.28	6.25	6.22	7.49	8.76	10.0	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:30DEG
Operators:Simon
Test Date:2020-08-04

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: