

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	719.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	145.2V x 148.0H
	At 50% of Imax	44.6V x 117.1H
	At 90% of Imax	9.8V x 42.9H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	946.3 lumens per klm.
	To 50% of Imax	295.1 lumens per klm.
	To 90% of Imax	35.4 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

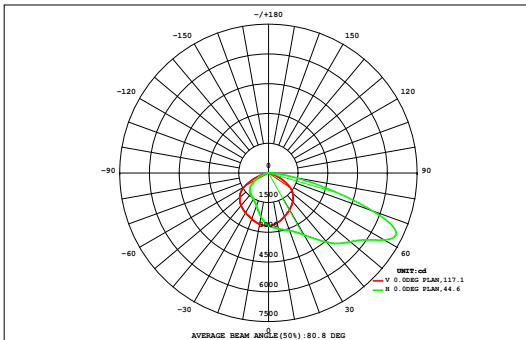
Luminaire Efficiency (Light Output Ratio)	100.0 %
---	---------

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.03.2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: PTL-75WATT-T4S-ASÝMETRÝK

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.53V I:0.3341A P:74.477W PF:0.9670 Freq:50.01Hz Lamp Flux:9941.12x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:75 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:133.48lm/W	
MODEL	PTL	Imax(cd)	7150
NOMINAL POWER(W)	75	AVAILABILITY(%)	94.7
RATED VOLTAGE(V)	230.0	Avai. FLUX(lm)	9412
NOMINAL FLUX(lm)	9941.12	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	9941
TEST VOLTAGE(V)	230	θ @50% (H,V)	117,45DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.01	0.03	0.08	0.17	0.28	0.43	0.58	0.70	0.79	0.80	0.73	0.61	0.46	0.31	0.18	0.08	0.02	6.28	0.00
90	0.00	0.06	0.26	0.77	1.71	3.01	4.49	5.73	6.55	6.91	6.78	6.02	4.62	3.05	1.65	0.70	0.21	0.03	52.6	0.00
80	0.01	0.17	0.91	2.74	5.86	9.66	13.4	16.3	18.0	18.5	17.8	15.5	11.8	7.80	4.16	1.69	0.44	0.05	145	20.2
70	0.02	0.36	1.92	5.35	10.5	16.4	22.6	27.9	31.3	31.9	29.4	24.3	18.1	12.1	6.75	2.86	0.75	0.07	243	181
60	0.03	0.60	2.96	7.55	13.7	20.8	28.4	35.6	40.2	40.6	36.6	29.7	22.2	15.2	9.08	4.11	1.10	0.09	309	263
50	0.04	0.85	3.97	9.48	16.4	24.1	32.2	39.6	44.2	44.6	40.7	33.8	26.1	18.7	12.0	5.86	1.49	0.12	354	321
40	0.06	1.10	5.12	12.4	20.6	28.9	37.2	44.6	49.2	49.8	46.1	39.4	31.8	24.3	16.5	8.10	1.94	0.14	417	398
30	0.06	1.35	6.80	16.8	27.4	36.8	45.7	53.9	59.7	60.7	56.3	48.8	40.5	31.8	22.0	10.6	2.42	0.16	522	509
20	0.07	1.55	8.66	21.6	34.7	45.9	56.4	66.3	73.6	74.5	69.1	60.1	50.5	40.0	27.5	13.0	2.80	0.17	646	637
10	0.07	1.64	9.95	25.6	41.3	54.8	66.4	76.1	82.5	83.7	79.2	71.0	60.6	47.7	32.3	14.9	3.03	0.17	751	743
0	0.07	1.57	10.3	28.2	46.8	62.8	75.6	84.5	89.5	89.9	86.6	79.7	68.8	53.8	35.9	16.0	3.04	0.17	833	826
-10	0.06	1.37	9.67	28.8	50.1	68.7	84.2	95.2	100	101	97.3	89.1	75.6	57.6	37.1	15.7	2.75	0.15	914	907
-20	0.05	1.08	7.88	26.6	49.7	71.0	91.6	110	122	123	116	100	80.3	58.4	35.7	13.8	2.22	0.13	1010	1002
-30	0.04	0.78	5.27	21.2	44.7	68.5	94.8	124	147	151	137	110	81.2	55.4	31.2	10.5	1.64	0.11	1084	1074
-40	0.03	0.49	3.03	13.5	33.9	59.9	92.4	135	171	179	157	117	77.8	47.6	23.2	6.60	1.10	0.08	1118	1104
-50	0.02	0.26	1.49	6.07	18.2	39.8	74.7	129	184	202	168	109	61.7	31.4	12.9	3.47	0.66	0.06	1043	1021
-60	0.01	0.11	0.53	1.75	4.59	10.4	24.3	51.0	83.7	95.9	74.9	43.3	20.9	9.54	4.13	1.39	0.33	0.04	427	385
-70	0.01	0.04	0.12	0.29	0.65	1.45	3.52	7.48	12.6	14.8	11.9	7.24	3.56	1.68	0.85	0.39	0.13	0.02	66.8	21.4
-80	0.01	0.04	0.12	0.29	0.65	1.45	3.52	7.48	12.6	14.8	11.9	7.24	3.56	1.68	0.85	0.39	0.13	0.02	66.8	21.4
-90	0.01	0.04	0.12	0.29	0.65	1.45	3.52	7.48	12.6	14.8	11.9	7.24	3.56	1.68	0.85	0.39	0.13	0.02	66.8	21.4
HORIZONTAL (DEG)																				
Φ t	0.66	13.4	78.9	229	421	623	848	1103	1316	1367	1231	985	737	517	313	130	26.1	1.77	9941	---
Φ a	0.00	0.00	31.7	184	378	589	818	1075	1289	1342	1204	956	703	477	274	91.9	0.00	0.00	---	9412

one-half-peak spread: U:10.1,D:35.1 , L:57.8,R:59.7

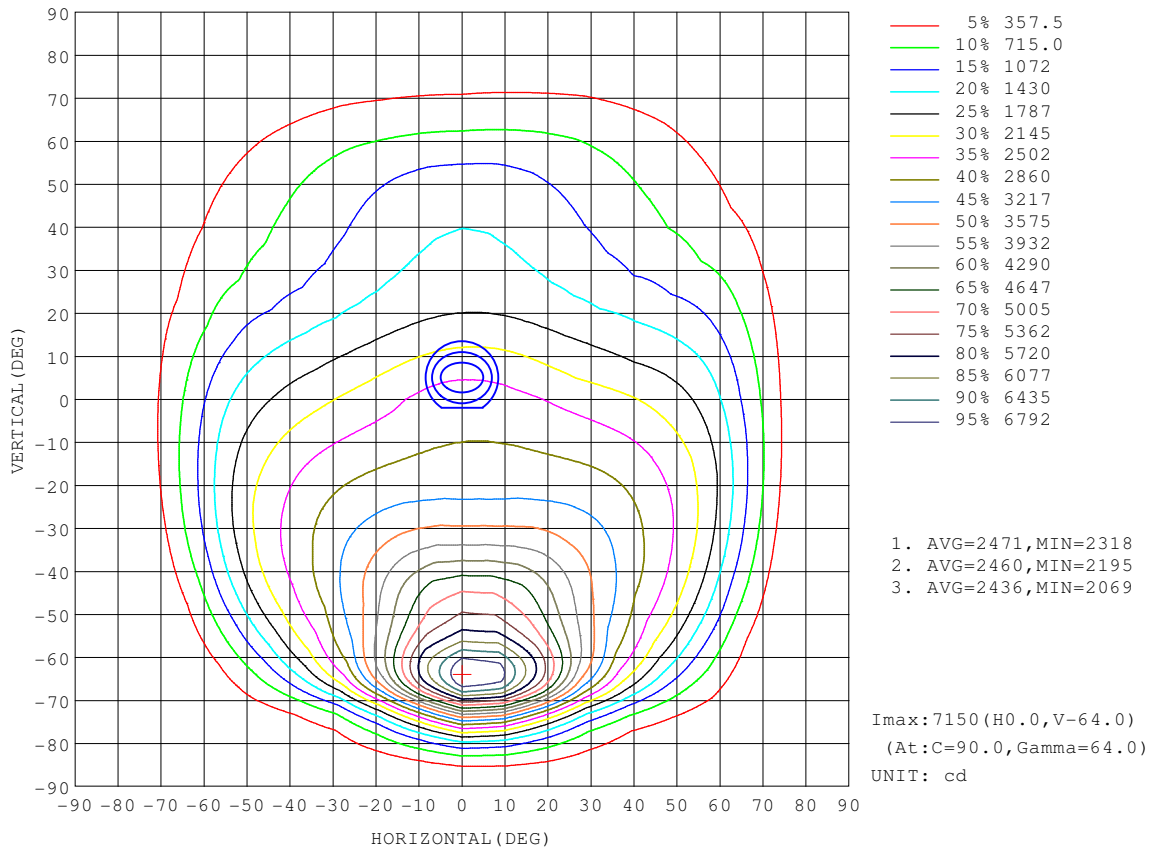
NEMA Beam Type: Type 7

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.03.2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: PTL-75WATT-T4S-ASYMETRYK

ISOCANDELA DIAGRAM

Test:U:230.53V I:0.3341A P:74.477W PF:0.9670 Freq:50.01Hz Lamp Flux:9941.12x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:75 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

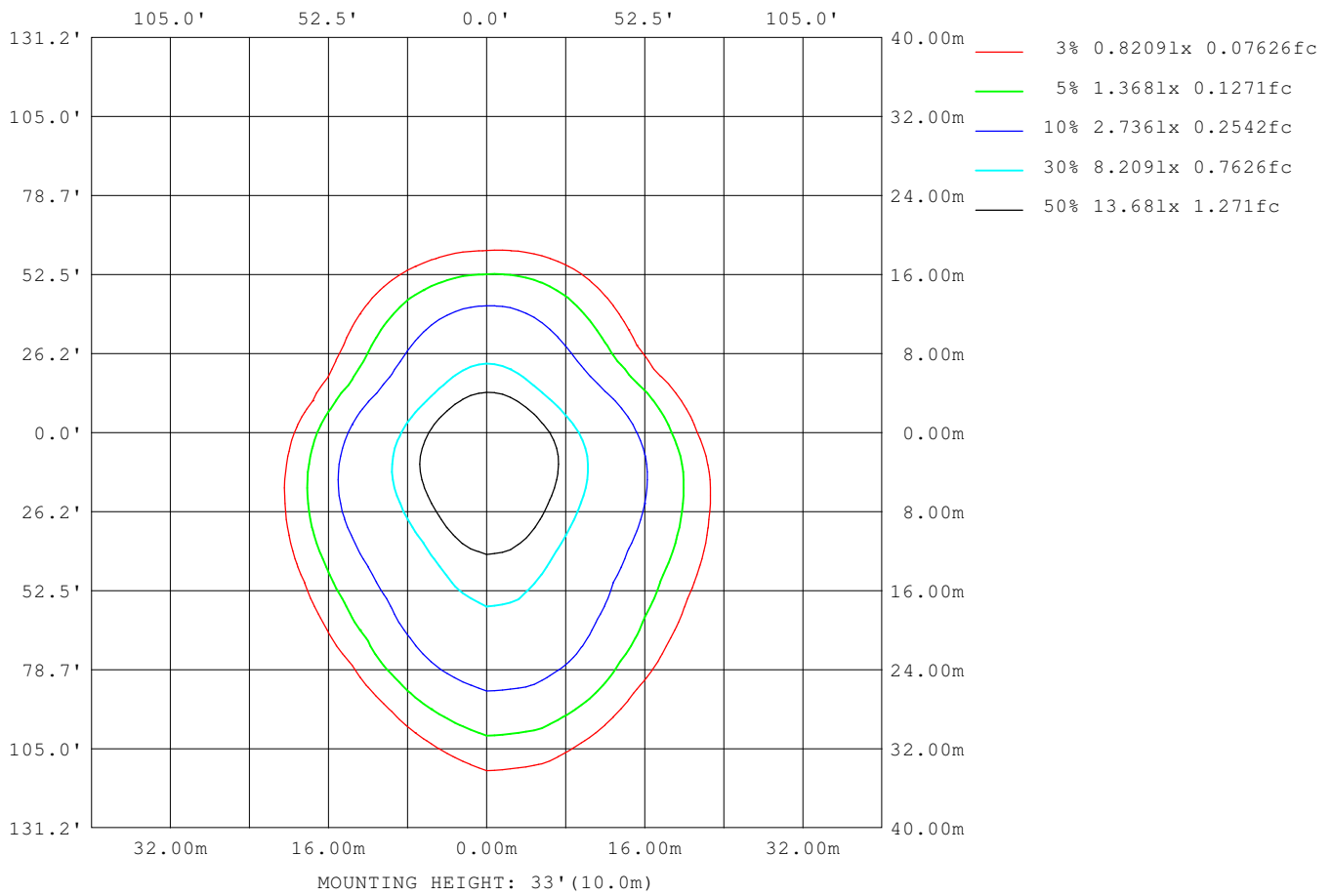


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:02.03.2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: PTL-75WATT-T4S-ASÝMETRÝK

ISOLUX DIAGRAM

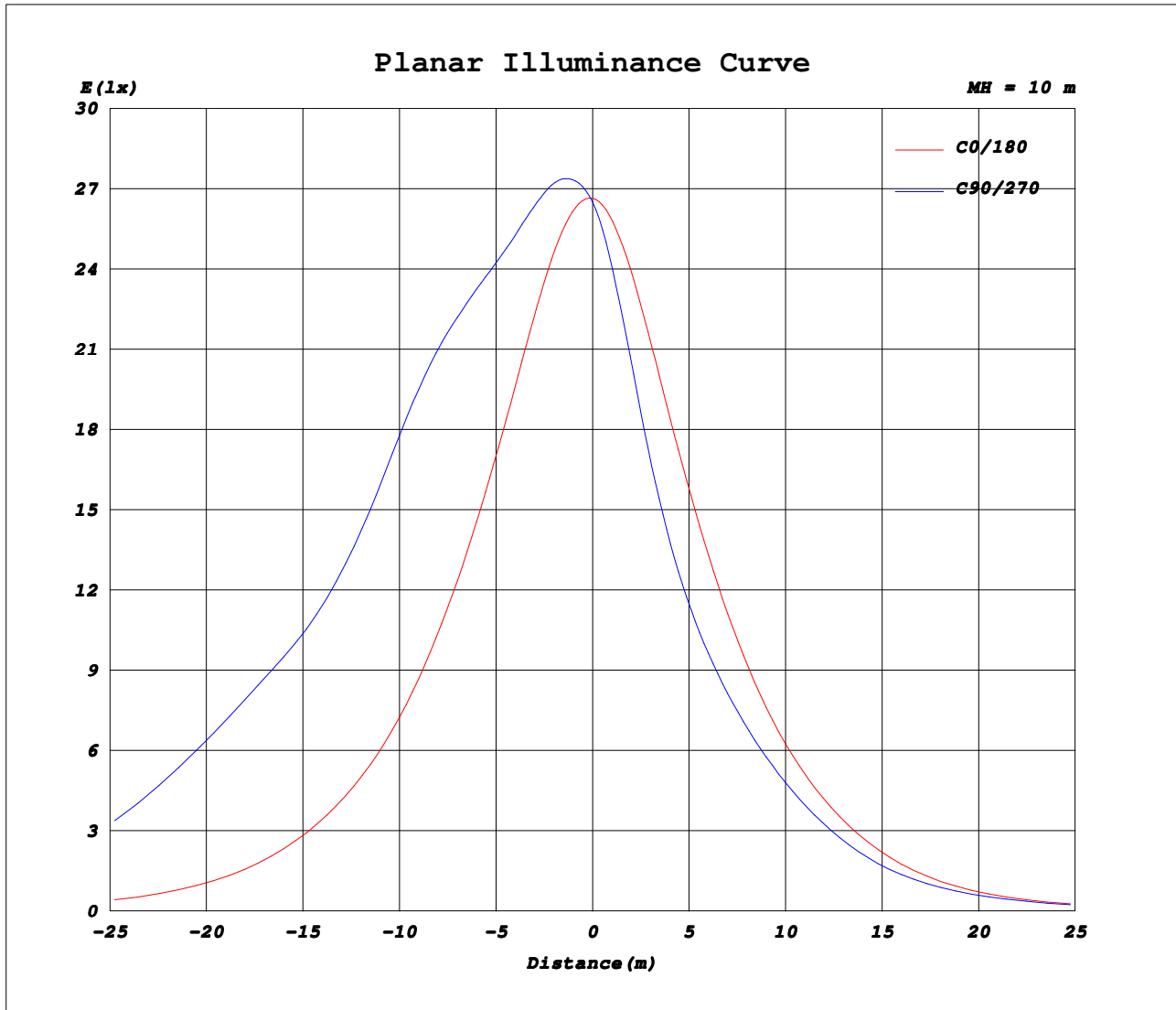
Test:U:230.53V I:0.3341A P:74.477W PF:0.9670 Freq:50.01Hz Lamp Flux:9941.12x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:75 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.03.2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: PTL-75WATT-T4S-ASÝMETRÝK

Planar Illuminance Curve

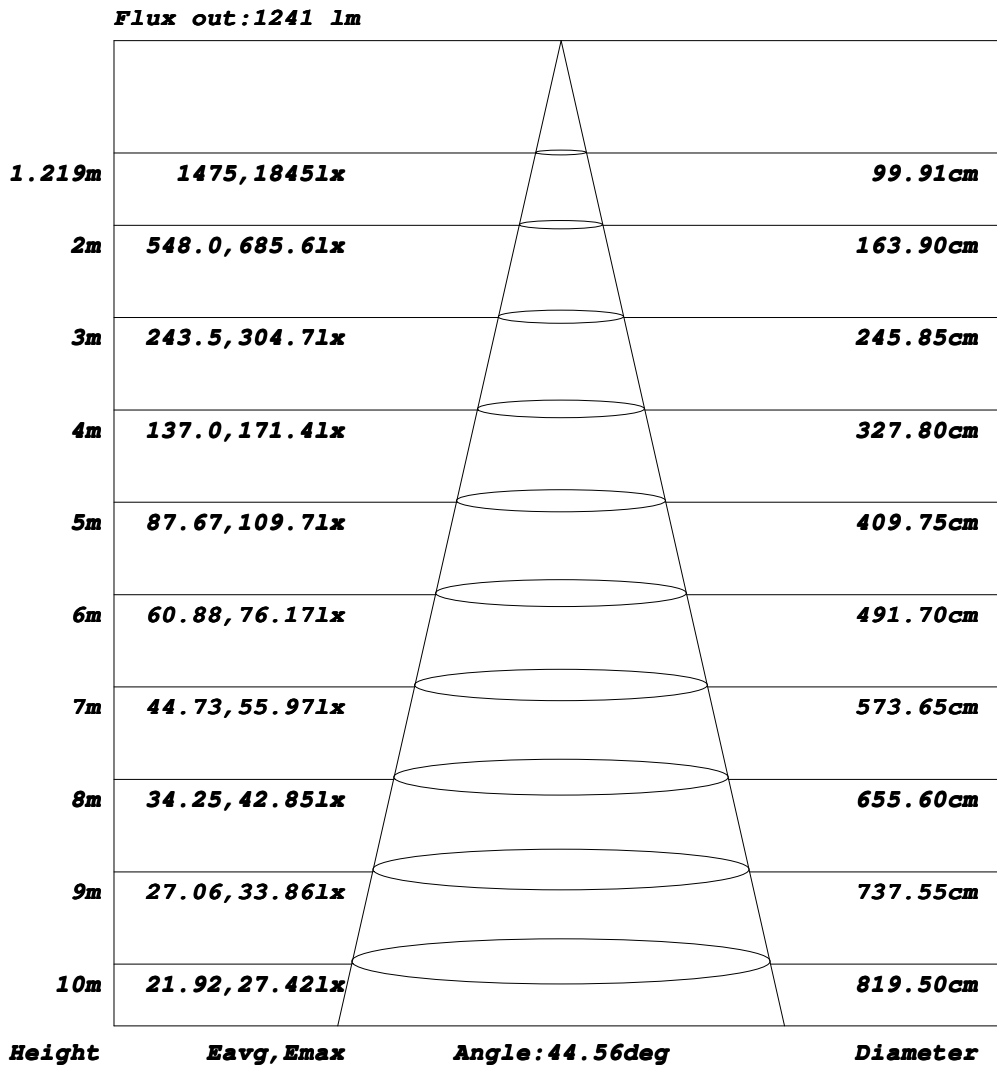


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.03.2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: PTL-75WATT-T4S-ASÝMETRÝK

AAI Figure

Test:U:230.53V I:0.3341A P:74.477W PF:0.9670 Freq:50.01Hz Lamp Flux:9941.12x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:75 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	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: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.03.2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: PTL-75WATT-T4S-ASÝMETRÝK

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.53V I:0.3341A P:74.477W PF:0.9670 Freq:50.01Hz Lamp Flux:9941.12x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:75 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT: cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.86	1.59	2.32	2.38	2.45	2.43	2.42	3.34	4.26	5.03	5.81	6.86	7.91	8.92	9.93	11.2	12.4	16.1	19.8
-85	0.86	1.59	2.34	4.33	6.77	8.82	10.9	13.6	17.4	23.6	30.6	45.1	62.5	100	142	201	262	331	397
-80	0.86	1.58	4.80	8.30	11.7	17.7	27.0	39.8	55.1	77.3	104	153	210	340	492	701	923	1144	1355
-75	0.86	2.34	7.40	12.0	20.6	36.8	60.3	91.6	132	186	253	359	492	784	1128	1616	2125	2645	3137
-70	0.86	3.41	9.59	18.1	36.0	66.3	111	177	289	438	617	890	1201	1735	2388	3198	4041	4845	5586
-65	0.86	4.50	11.8	27.5	57.0	106	183	317	545	828	1188	1622	2123	2792	3612	4572	5580	6384	7112
-60	0.86	5.73	15.0	39.2	82.6	153	278	512	841	1217	1659	2104	2616	3205	3982	4797	5659	6253	6764
-55	0.86	6.91	19.6	52.7	113	206	409	750	1149	1568	2010	2388	2855	3307	3947	4557	5184	5584	5887
-50	0.86	7.77	24.6	67.8	145	269	565	982	1437	1872	2259	2606	2990	3390	3885	4377	4857	5180	5397
-45	0.86	8.41	29.8	83.6	180	358	734	1202	1678	2093	2420	2753	3079	3444	3831	4255	4625	4883	5030
-40	0.86	8.97	35.5	99.7	217	459	889	1383	1858	2240	2539	2833	3124	3423	3711	4046	4308	4483	4551
-35	0.86	9.57	40.9	116	259	568	1017	1516	1975	2323	2601	2848	3102	3325	3549	3762	3926	4027	4039
-30	0.86	10.2	46.1	131	296	663	1115	1609	2037	2353	2607	2830	3026	3201	3353	3482	3571	3627	3615
-25	0.86	10.8	50.5	145	334	725	1177	1656	2055	2338	2567	2765	2926	3058	3155	3237	3279	3308	3302
-20	0.86	11.1	54.6	156	368	758	1199	1656	2016	2281	2488	2659	2799	2904	2982	3038	3075	3093	3095
-15	0.86	11.4	57.5	165	392	773	1200	1622	1947	2181	2373	2529	2649	2744	2817	2876	2921	2949	2961
-10	0.86	11.5	59.2	170	406	767	1174	1561	1852	2061	2231	2370	2483	2578	2656	2730	2792	2837	2860
-5	0.86	11.5	59.8	171	406	744	1123	1475	1735	1922	2075	2200	2306	2406	2496	2588	2670	2727	2761
0	0.86	11.3	59.2	169	395	705	1051	1367	1601	1770	1906	2024	2134	2240	2347	2461	2560	2631	2665
5	0.86	11.3	58.5	165	372	649	957	1242	1459	1615	1738	1841	1938	2038	2149	2261	2369	2446	2478
10	0.86	11.1	56.7	158	341	584	850	1103	1303	1447	1561	1659	1753	1843	1942	2043	2137	2209	2245
15	0.86	10.8	53.9	149	306	512	734	955	1143	1275	1378	1472	1568	1650	1743	1830	1908	1965	1996
20	0.86	10.4	50.0	137	270	438	632	831	983	1091	1203	1303	1384	1484	1569	1647	1716	1765	1789
25	0.86	9.95	45.3	125	236	383	555	711	826	954	1057	1146	1252	1343	1429	1512	1576	1619	1640
30	0.86	9.37	40.3	111	208	342	482	602	731	844	932	1046	1140	1242	1334	1416	1481	1524	1543
35	0.86	8.72	34.8	95.8	185	301	419	535	655	747	860	959	1065	1163	1264	1349	1416	1461	1480
40	0.86	8.00	29.3	80.7	161	262	366	484	591	692	796	895	997	1100	1199	1287	1357	1404	1427
45	0.86	7.21	23.6	66.1	135	223	322	430	533	637	735	835	932	1034	1129	1219	1288	1336	1360
50	0.86	6.30	18.8	51.9	109	184	272	371	472	572	667	761	855	952	1036	1116	1182	1226	1247
55	0.86	5.19	14.5	38.7	82.5	143	217	304	395	489	576	662	747	831	897	959	1011	1043	1056
60	0.86	3.80	11.0	27.1	57.7	103	158	227	305	385	459	532	603	666	714	759	797	820	829
65	0.86	2.34	8.95	17.9	37.1	65.6	104	151	210	271	329	388	444	488	521	552	576	591	596
70	0.86	1.61	6.24	11.6	21.5	36.8	57.5	86.3	122	158	196	239	281	313	336	359	377	388	392
75	0.86	1.18	3.14	7.65	11.9	18.0	26.7	39.1	54.9	72.0	90.5	112	134	154	170	188	203	210	214
80	0.86	0.89	0.96	2.62	5.13	8.35	11.5	15.1	19.7	24.1	29.3	36.0	43.5	49.9	56.5	64.1	70.8	74.7	77.3
85	0.86	0.91	0.94	1.02	1.07	1.23	1.20	1.27	2.39	3.67	4.27	6.51	9.41	11.7	13.9	16.5	18.5	19.4	20.0
90	0.86	0.93	1.00	1.08	1.17	1.28	1.38	1.53	1.68	1.88	2.08	2.37	2.66	3.01	3.36	3.62	3.88	3.90	3.91

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.03.2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: PTL-75WATT-T4S-ASÝMETRÝK

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.53V I:0.3341A P:74.477W PF:0.9670 Freq:50.01Hz Lamp Flux:9941.12x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:75 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	24.8	29.7	29.2	28.7	26.3	23.9	20.7	17.6	16.1	14.6	13.4	12.2	11.0	9.74	8.76	7.78	7.04	6.30	
-85	394	386	339	291	227	167	125	88.8	69.5	52.1	43.4	35.7	27.1	20.1	14.9	10.7	8.20	6.30	
-80	1313	1249	1049	848	638	453	327	221	171	128	102	78.6	55.5	37.4	24.7	15.3	9.33	6.30	
-75	3048	2890	2417	1918	1441	1023	748	520	389	286	216	153	98.5	61.9	38.0	21.3	11.0	6.30	
-70	5485	5250	4530	3750	2906	2168	1641	1194	864	618	424	278	161	93.8	54.8	28.6	12.8	6.30	
-65	6985	6729	5968	5103	4100	3227	2526	1952	1462	1048	718	449	241	133	74.9	37.0	14.8	6.30	
-60	6672	6474	5885	5192	4353	3624	2925	2408	1897	1449	1018	644	338	179	97.7	46.1	17.3	6.30	
-55	5841	5700	5320	4814	4192	3664	3081	2660	2202	1784	1316	863	456	234	123	56.2	19.6	6.30	
-50	5363	5235	4967	4540	4071	3637	3200	2802	2427	2042	1579	1086	607	300	149	66.5	22.1	6.30	
-45	5005	4901	4706	4354	3987	3607	3266	2890	2580	2228	1791	1278	784	374	177	76.6	24.7	6.30	
-40	4538	4477	4353	4125	3849	3556	3272	2972	2676	2352	1950	1440	927	457	207	86.9	26.9	6.30	
-35	4038	4012	3956	3835	3641	3451	3224	2987	2717	2426	2058	1573	1041	541	235	96.3	29.0	6.30	
-30	3620	3610	3596	3533	3432	3306	3149	2950	2720	2455	2121	1664	1130	619	257	105	31.1	6.30	
-25	3304	3302	3304	3275	3231	3154	3039	2882	2686	2446	2138	1716	1193	682	281	112	32.7	6.30	
-20	3095	3098	3093	3080	3051	2999	2910	2785	2614	2394	2119	1731	1224	722	298	118	34.0	6.30	
-15	2961	2958	2946	2922	2890	2841	2769	2659	2505	2315	2073	1706	1220	737	312	122	34.8	6.30	
-10	2865	2851	2824	2781	2736	2679	2606	2512	2380	2205	1975	1640	1189	732	316	123	35.2	6.30	
-5	2767	2745	2701	2640	2575	2509	2433	2342	2222	2065	1858	1551	1134	711	313	123	35.2	6.30	
0	2661	2625	2562	2482	2402	2326	2247	2160	2052	1914	1725	1442	1060	675	303	121	34.8	6.30	
5	2474	2432	2352	2263	2169	2090	2020	1948	1860	1747	1583	1332	989	638	294	119	34.6	6.30	
10	2246	2209	2140	2054	1967	1890	1816	1741	1660	1570	1429	1208	906	590	280	116	34.0	6.30	
15	1999	1973	1916	1843	1763	1695	1623	1555	1482	1394	1268	1074	813	536	261	112	33.1	6.30	
20	1791	1766	1714	1651	1580	1498	1439	1371	1290	1216	1109	939	712	476	239	105	31.7	6.30	
25	1639	1613	1565	1495	1423	1349	1265	1202	1129	1032	947	810	617	413	217	97.6	30.1	6.30	
30	1539	1510	1459	1389	1309	1219	1144	1045	986	901	787	684	531	353	193	89.4	28.1	6.30	
35	1473	1441	1386	1311	1220	1133	1037	955	852	786	678	567	452	302	170	80.1	25.8	6.30	
40	1416	1381	1323	1244	1151	1055	961	871	775	686	595	470	378	256	148	70.7	23.6	6.30	
45	1349	1313	1253	1171	1080	983	892	795	707	607	519	411	314	216	127	60.9	21.3	6.30	
50	1240	1210	1156	1080	999	908	818	729	640	545	450	354	259	181	107	51.7	18.9	6.30	
55	1063	1048	1009	954	893	812	731	649	566	475	383	297	215	147	86.5	42.7	16.6	6.30	
60	840	837	817	785	743	684	618	546	474	393	313	238	171	115	67.7	34.1	14.6	6.30	
65	609	612	605	588	564	527	477	420	363	299	235	177	127	85.0	50.6	26.6	12.5	6.30	
70	404	409	407	398	386	363	326	286	245	203	158	118	85.7	58.4	35.6	20.2	11.0	6.30	
75	222	226	225	219	212	199	179	157	136	115	90.2	69.0	51.2	36.1	23.7	15.1	9.73	6.30	
80	82.4	85.8	85.1	82.6	80.2	76.8	70.4	63.4	56.9	50.2	41.1	32.9	26.5	20.8	15.3	11.5	8.55	6.30	
85	20.5	21.0	21.0	20.7	20.9	20.6	19.6	18.6	18.1	17.1	15.4	14.1	12.7	11.5	10.3	9.16	7.60	6.30	
90	3.68	3.45	3.09	2.72	2.45	2.18	2.00	1.81	1.76	1.71	2.12	2.52	3.98	5.44	6.22	6.99	6.65	6.30	

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:20DEG

Operators:LITPA

Test Date:02.03.2021

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400

Humidity:65.0%

Test Distance:7.200m [K=1.0000]

Remarks: PTL-75WATT-T4S-ASÝMETRÝK