

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	853.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	122.8V x 116.5H
	At 50% of Imax	54.7V x 53.8H
	At 90% of Imax	12.1V x 18.9H

Beam Flux	Total	999.4 lumens per klm.
	To 10% of Imax	935.4 lumens per klm.
	To 50% of Imax	388.7 lumens per klm.
	To 90% of Imax	37.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

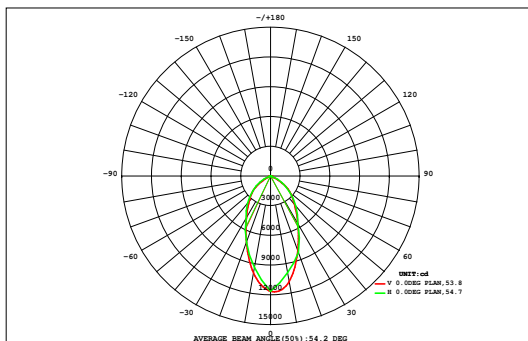
Luminaire Efficiency (Light Output Ratio)	100.0 %
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**H(β) Range:-90 - 90DEG**  
**H(β) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:20DEG**  
**Operators:LITPA**  
**Test Date:02.03.2021**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:7.200m [K=1.0000]**  
**Remarks: PTL-100WATT-60°-6500K**

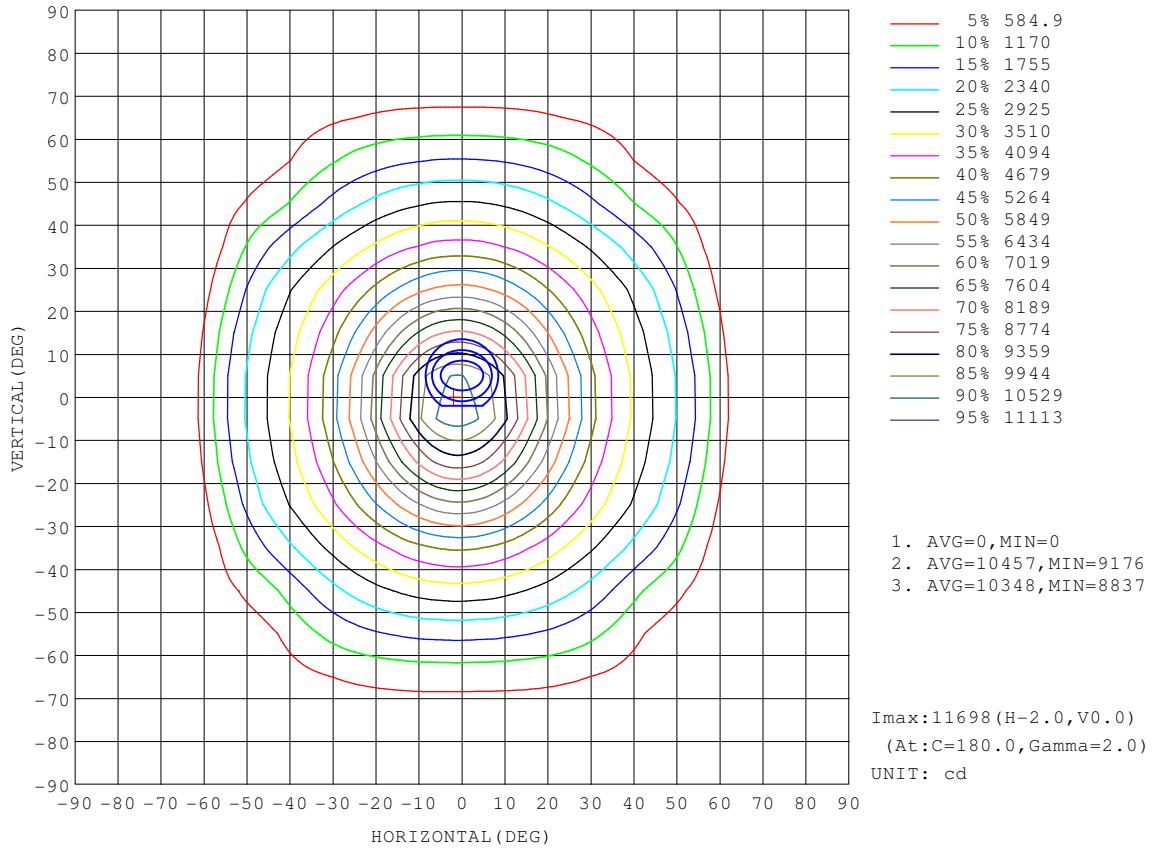
## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.49V I:0.4290A P:96.845W PF:0.9795 Freq:50.00Hz Lamp Flux:13706.2x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:100 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



## ISOCANDELA DIAGRAM

Test:U:230.49V I:0.4290A P:96.845W PF:0.9795 Freq:50.00Hz Lamp Flux:13706.2x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:100 WATT	DIM.: 370X370X80	SERIAL No.:
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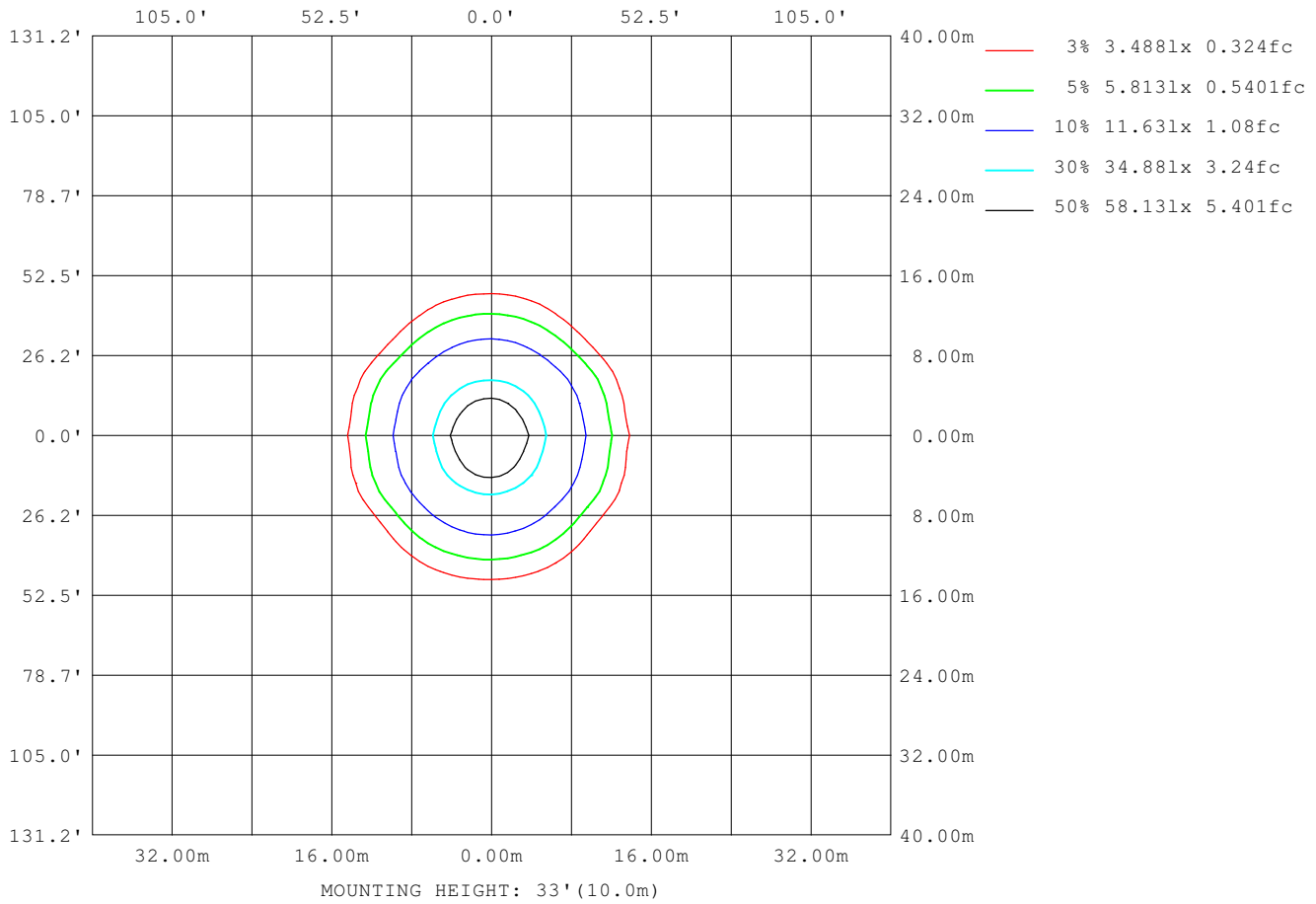


H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:LITPA  
Test Date:02.03.2021

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.200m [K=1.0000]  
Remarks: PTL-100WATT-60°-6500K

## ISOLUX DIAGRAM

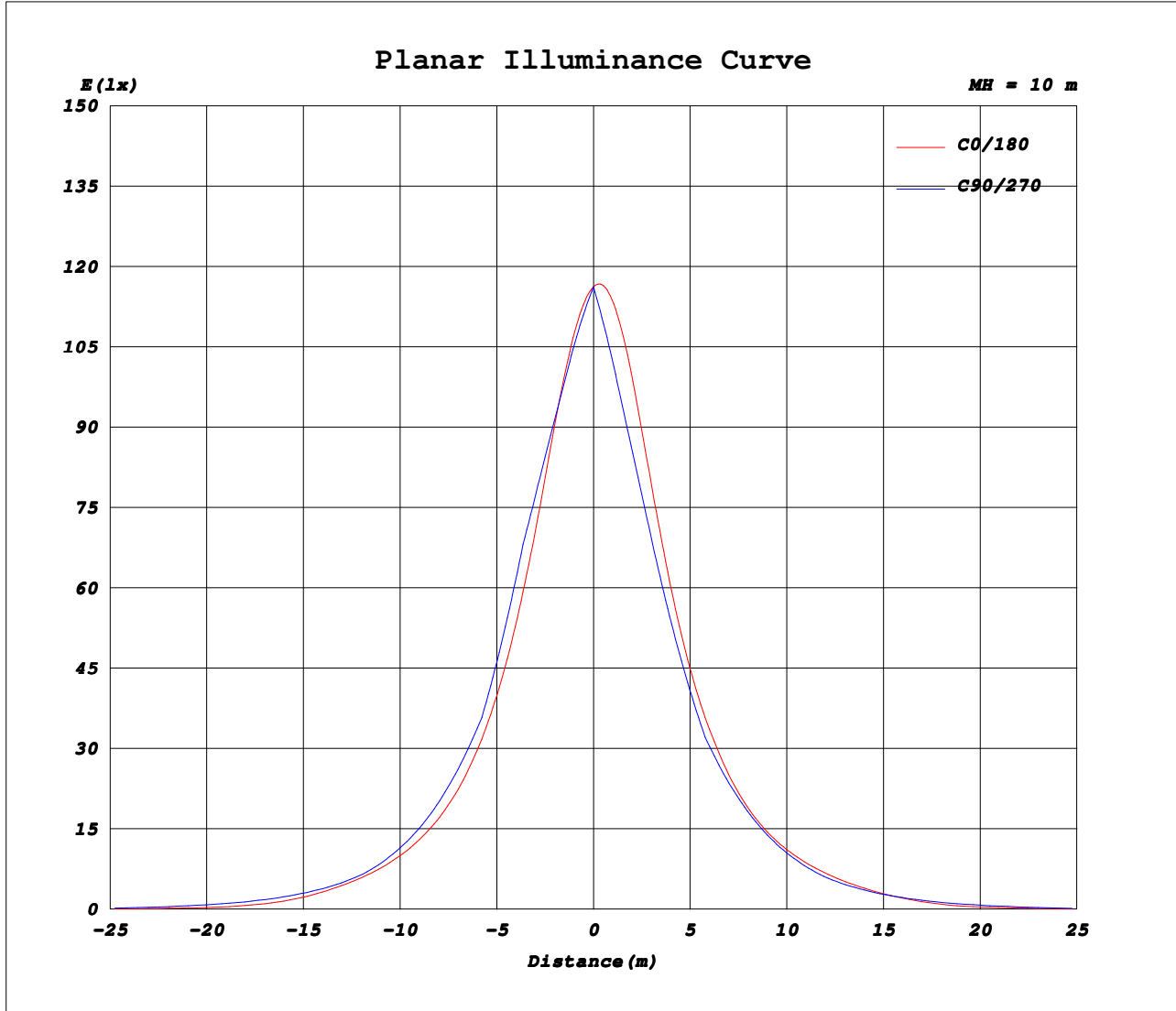
Test:U:230.49V I:0.4290A P:96.845W PF:0.9795 Freq:50.00Hz Lamp Flux:13706.2x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:100 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:LITPA  
Test Date:02.03.2021

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.200m [K=1.0000]  
Remarks: PTL-100WATT-60°-6500K

## Planar Illuminance Curve

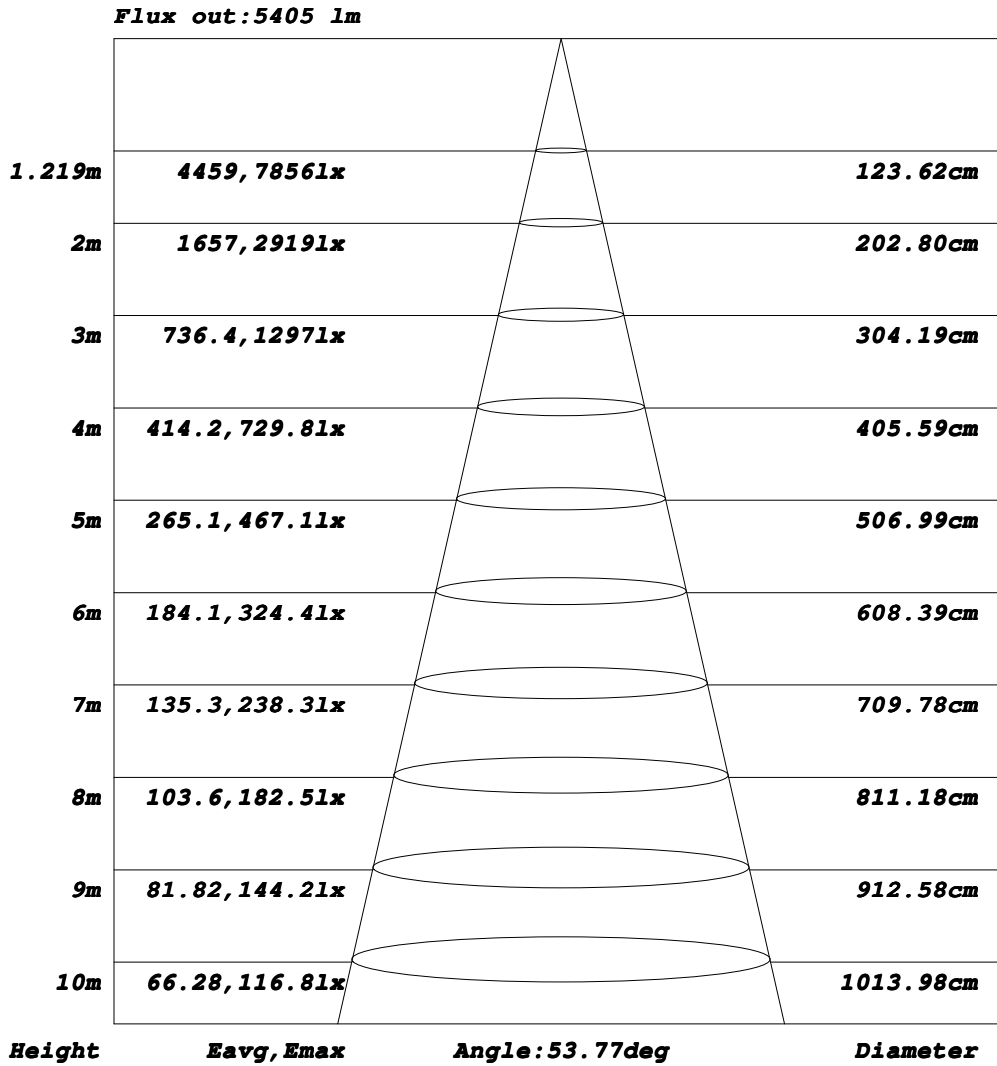


$H(\beta)$  Range: -90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: LITPA  
Test Date: 02.03.2021

$V(\beta)$  Range: -90 - 90DEG  
 $V(\beta)$  Interval: 5.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.200m [K=1.0000]  
Remarks: PTL-100WATT-60°-6500K

## AAI Figure

Test:U:230.49V I:0.4290A P:96.845W PF:0.9795 Freq:50.00Hz Lamp Flux:13706.2x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:100 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.

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:LITPA  
Test Date:02.03.2021

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.200m [K=1.0000]  
Remarks: PTL-100WATT-60°-6500K

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.4290A P:96.845W PF:0.9795 Freq:50.00Hz Lamp Flux:13706.2x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:100 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT:  $\mu\text{A10cd}$ 

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	1.38	1.45	1.37	1.26	1.18	1.18	1.18	1.18	1.21	1.25	1.26	1.27	1.29	1.30	1.31	1.32	1.32	1.32	1.32
-85	1.33	1.45	1.55	1.69	2.00	2.38	2.90	3.46	3.96	4.46	5.09	5.70	6.22	6.65	6.95	7.08	7.09	6.97	6.88
-80	1.28	1.48	1.75	2.22	2.99	3.77	4.85	5.97	6.90	7.86	9.22	10.3	11.3	12.2	12.7	12.9	12.8	12.5	12.4
-75	1.22	1.43	1.88	2.51	3.63	4.78	6.33	8.02	9.47	10.9	12.7	14.6	16.1	17.4	18.2	18.6	18.6	18.3	18.0
-70	1.18	1.51	2.14	3.19	4.79	6.37	8.52	10.8	12.6	14.5	17.2	19.4	21.4	23.0	24.0	24.4	24.3	23.8	23.5
-65	1.03	1.33	2.17	3.84	6.14	8.62	11.7	15.0	18.4	25.0	36.4	48.5	58.8	66.6	72.5	76.4	79.0	79.7	80.0
-60	0.92	1.33	2.69	5.34	8.53	12.0	16.1	20.7	26.0	39.4	60.8	82.1	99.6	113	123	130	134	136	136
-55	0.76	1.13	2.42	5.69	9.51	13.9	18.9	24.4	30.8	46.9	76.1	108	134	154	170	180	188	191	193
-50	0.67	1.15	3.24	7.49	12.3	17.7	23.8	30.6	39.5	64.4	104	145	178	203	222	235	244	248	249
-45	0.53	0.95	2.96	7.56	12.6	18.8	26.7	43.9	68.7	99.2	139	181	218	249	275	296	313	322	325
-40	0.48	1.09	4.34	9.59	15.4	22.9	34.3	67.0	108	149	191	232	271	307	339	366	387	398	400
-35	0.35	0.81	3.79	9.48	15.5	23.5	35.1	73.5	132	182	226	267	309	351	390	425	453	472	477
-30	0.30	1.02	5.45	11.7	18.5	28.0	44.8	103	177	233	277	319	364	411	456	497	529	549	552
-25	0.20	0.72	4.65	11.2	18.1	27.9	49.3	114	189	247	295	345	400	460	522	585	639	677	688
-20	0.19	1.12	6.39	13.4	21.1	33.1	71.8	157	226	281	332	391	459	534	615	696	767	814	821
-15	0.11	0.74	5.17	12.1	19.6	31.0	65.3	149	223	279	332	394	466	549	642	741	831	893	909
-10	0.13	1.28	6.60	13.8	21.6	36.0	87.0	175	244	298	355	424	506	601	709	824	926	986	992
-5	0.06	0.83	5.34	12.5	20.1	33.1	77.4	168	240	296	354	424	510	611	731	863	984	1064	1081
0	0.07	1.43	6.81	14.3	22.2	38.9	102	194	261	316	378	457	552	667	804	952	1084	1159	1163
5	0.02	0.86	5.27	12.4	20.0	33.0	76.3	166	239	295	352	421	505	603	719	845	962	1037	1054
10	0.06	1.36	6.44	13.5	21.5	35.7	84.2	171	241	296	352	418	494	583	683	788	880	932	937
15	0.02	0.85	4.96	11.7	19.3	30.7	62.1	143	219	276	328	385	451	525	606	690	765	813	827
20	0.05	1.28	6.07	12.8	20.7	32.4	66.1	149	221	277	325	378	436	499	563	624	675	706	712
25	0.01	0.76	4.31	10.5	17.6	27.3	45.8	104	180	240	290	335	383	433	483	531	570	597	605
30	0.05	1.04	4.93	10.9	18.0	27.1	41.0	90.8	165	225	272	311	350	387	423	455	479	494	496
35	0.01	0.61	3.37	8.61	14.8	22.6	32.8	64.5	121	172	216	255	293	328	361	390	412	427	430
40	0.05	0.80	3.73	8.60	14.5	21.7	31.5	59.4	99.9	138	176	214	250	282	311	335	352	363	364
45	0.01	0.48	2.44	6.53	11.6	17.6	24.8	39.3	62.7	88.1	120	157	193	224	250	272	286	296	298
50	0.04	0.57	2.54	6.33	11.0	16.3	22.0	28.0	35.0	50.3	79.3	116	150	178	199	215	225	232	232
55	0.02	0.35	1.63	4.44	8.15	12.4	17.2	22.0	27.4	37.4	57.9	85.4	112	134	151	164	173	178	179
60	0.04	0.40	1.59	3.92	6.96	10.3	14.2	18.2	22.4	30.9	46.7	66.1	84.1	98.6	110	118	123	126	126
65	0.03	0.23	0.91	2.33	4.45	6.85	9.72	12.6	15.5	19.9	28.3	39.0	49.2	57.6	63.9	68.4	70.9	72.5	72.7
70	0.03	0.22	0.64	1.50	2.91	4.36	6.40	8.30	9.85	11.5	14.1	16.2	18.1	19.4	20.2	20.3	20.0	19.5	19.5
75	0.03	0.13	0.43	0.96	1.96	3.06	4.51	5.96	7.17	8.40	10.1	11.9	13.3	14.4	15.1	15.3	15.1	14.7	14.6
80	0.03	0.13	0.34	0.76	1.47	2.20	3.21	4.17	4.94	5.78	7.05	8.13	9.07	9.74	10.1	10.2	10.00	9.76	9.75
85	0.03	0.06	0.16	0.34	0.67	1.04	1.53	2.01	2.41	2.82	3.40	3.99	4.46	4.83	5.05	5.11	5.04	4.92	4.88
90	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

H( $\beta$ ) Range:-90 - 90DEGH( $\beta$ ) Interval: 1.0DEG

Test Speed: HIGH

Temperature:20DEG

Operators:LITPA

Test Date:02.03.2021

V(B) Range:-90 - 90DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400

Humidity:65.0%

Test Distance:7.200m [K=1.0000]

Remarks: PTL-100WATT-60°-6500K

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.49V I:0.4290A P:96.845W PF:0.9795 Freq:50.00Hz Lamp Flux:13706.2x1 lm		
NAME: PTL	TYPE:OUTDOOR	WEIGHT:4kg
SPEC.:100 WATT	DIM.: 370X370X80	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT:  $\mu\text{A10cd}$ 

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	1.32	1.34	1.35	1.36	1.36	1.36	1.35	1.34	1.32	1.31	1.31	1.30	1.30	1.29	1.33	1.41	1.46	1.38	
-85	6.90	7.06	7.11	7.01	6.77	6.42	5.93	5.35	4.58	4.13	3.64	3.10	2.58	2.13	1.76	1.56	1.50	1.35	
-80	12.6	12.8	12.9	12.6	12.1	11.3	10.3	9.06	7.63	6.75	5.79	4.70	3.65	2.81	2.08	1.68	1.49	1.29	
-75	18.1	18.5	18.6	18.3	17.6	16.5	15.1	13.4	11.1	9.77	8.31	6.70	5.12	3.81	2.65	1.90	1.58	1.28	
-70	23.8	24.3	24.4	23.8	22.7	21.2	19.2	16.8	13.9	12.2	10.3	8.09	6.00	4.33	2.84	1.95	1.52	1.19	
-65	79.2	77.9	75.4	71.3	65.5	57.7	47.5	35.6	25.2	19.1	15.5	12.3	9.16	6.46	4.13	2.37	1.52	1.11	
-60	134	131	125	117	105	90.6	71.0	49.7	33.4	24.3	19.5	15.1	11.1	7.58	4.62	2.30	1.31	0.93	
-55	190	185	177	166	150	130	103	72.0	46.9	32.2	25.3	19.8	14.7	10.1	6.20	2.98	1.34	0.86	
-50	245	237	226	210	188	160	123	82.7	52.9	36.5	28.8	22.2	16.2	10.8	6.40	2.65	1.11	0.67	
-45	320	308	291	269	242	211	174	133	97.5	69.3	45.1	28.6	20.1	13.5	8.27	3.84	1.23	0.63	
-40	391	373	348	318	284	248	208	168	130	91.7	53.4	30.4	21.0	13.8	8.26	3.50	0.98	0.48	
-35	467	446	415	379	339	300	259	218	177	130	74.9	38.6	25.4	16.7	10.3	4.94	1.19	0.44	
-30	537	508	469	425	379	336	294	253	207	147	77.9	38.7	25.8	16.8	10.1	4.36	0.84	0.28	
-25	669	625	567	505	442	385	332	285	238	184	113	53.6	30.0	19.2	12.0	5.83	1.18	0.28	
-20	786	720	639	558	480	411	351	299	249	195	119	53.9	29.2	18.4	11.2	4.98	0.76	0.16	
-15	877	806	713	616	525	445	377	320	268	215	145	70.0	33.6	20.4	12.9	6.30	1.30	0.18	
-10	945	857	746	636	536	450	379	320	267	212	138	64.4	31.3	19.0	11.8	5.20	0.88	0.09	
-5	1039	948	826	700	585	488	408	342	286	232	165	82.7	36.7	21.2	13.5	6.58	1.51	0.11	
0	1103	994	854	714	592	490	407	341	284	228	158	75.0	33.4	19.7	12.3	5.42	1.00	0.03	
5	1014	928	811	689	578	484	406	341	285	229	162	81.7	36.4	21.0	13.4	6.47	1.55	0.07	
10	897	819	719	617	524	443	375	317	264	207	134	62.7	30.7	18.7	11.5	5.00	0.93	0.02	
15	802	746	668	584	505	433	371	316	264	209	138	66.9	32.7	19.9	12.4	5.99	1.41	0.06	
20	690	643	584	519	457	397	343	293	244	186	111	50.5	28.0	17.7	10.7	4.58	0.87	0.02	
25	593	562	520	470	420	371	324	278	230	172	103	49.8	28.6	18.4	11.2	5.33	1.25	0.06	
30	486	465	436	401	363	326	287	245	195	132	70.4	36.0	24.4	15.8	9.30	3.85	0.75	0.00	
35	424	408	384	354	320	285	248	209	166	118	67.3	35.4	23.7	15.6	9.37	4.29	1.02	0.06	
40	357	342	320	293	262	229	193	156	120	82.4	48.1	27.9	19.4	12.6	7.25	2.90	0.59	0.01	
45	295	284	267	245	218	187	153	118	87.6	62.0	40.5	25.8	18.2	12.1	7.12	3.07	0.73	0.06	
50	229	219	205	186	161	132	99.1	67.4	44.7	32.4	25.9	19.8	14.4	9.40	5.20	1.96	0.42	0.01	
55	177	171	161	148	130	108	83.3	58.3	39.1	28.0	22.4	17.4	12.7	8.52	4.89	2.02	0.51	0.05	
60	124	120	113	103	90.1	74.8	57.4	40.3	27.9	20.9	16.9	12.9	9.24	6.03	3.29	1.28	0.32	0.02	
65	72.2	70.7	67.4	62.6	56.1	48.0	38.5	28.6	20.6	15.9	13.0	10.0	7.18	4.81	2.70	1.14	0.36	0.04	
70	19.8	20.4	20.5	20.1	19.1	17.6	15.7	13.1	11.1	9.49	7.91	5.99	4.12	2.65	1.38	0.61	0.21	0.03	
75	14.7	15.2	15.4	15.2	14.5	13.5	12.0	10.3	8.54	7.35	6.24	4.79	3.32	2.23	1.21	0.54	0.22	0.04	
80	9.92	10.2	10.3	10.1	9.56	8.81	7.84	6.59	5.55	4.76	3.97	3.01	2.08	1.34	0.70	0.32	0.12	0.03	
85	4.94	5.10	5.16	5.07	4.85	4.52	4.03	3.46	2.87	2.47	2.10	1.62	1.13	0.76	0.42	0.20	0.09	0.03	
90	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	

**H( $\beta$ ) Range:-90 - 90DEG****H( $\beta$ ) Interval: 1.0DEG****Test Speed: HIGH****Temperature:20DEG****Operators:LITPA****Test Date:02.03.2021****V(B) Range:-90 - 90DEG****V(B) Interval: 5.0DEG****Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400****Humidity:65.0%****Test Distance:7.200m [K=1.0000]****Remarks: PTL-100WATT-60°-6500K**