

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	851.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	136.6V x 145.8H
	At 50% of Imax	35.5V x 115.5H
	At 90% of Imax	7.4V x 49.1H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	927.8 lumens per klm.
	To 50% of Imax	247.6 lumens per klm.
	To 90% of Imax	23.2 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

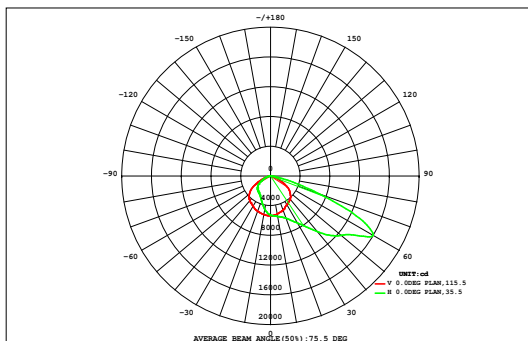
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: LITPA  
Test Date: 10/05/2021

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.200m [K=1.0000]  
Remarks: KYH-175WATT- (ASÝMETRÝK)

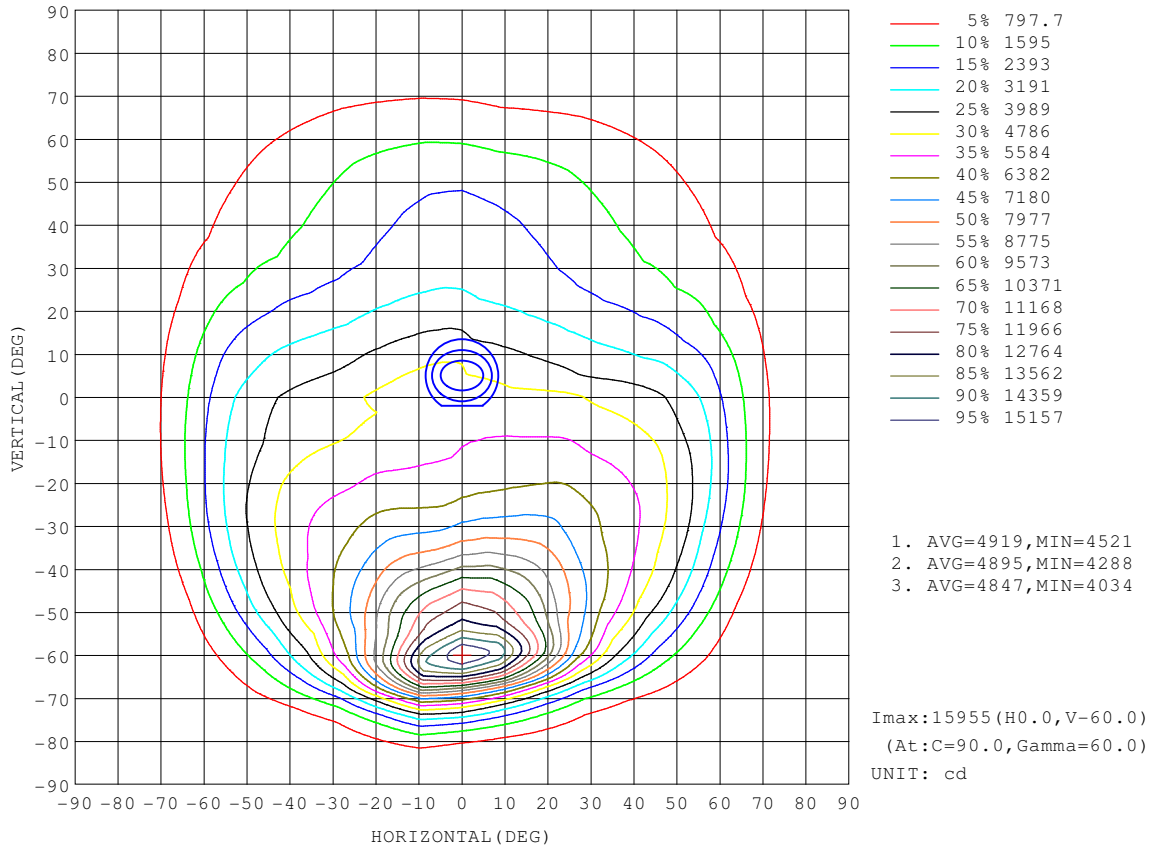
## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.47V I:0.7883A P:177.30W PF:0.9759 Freq:50.01Hz Lamp Flux:18746.4x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:175 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



## ISOCANDELA DIAGRAM

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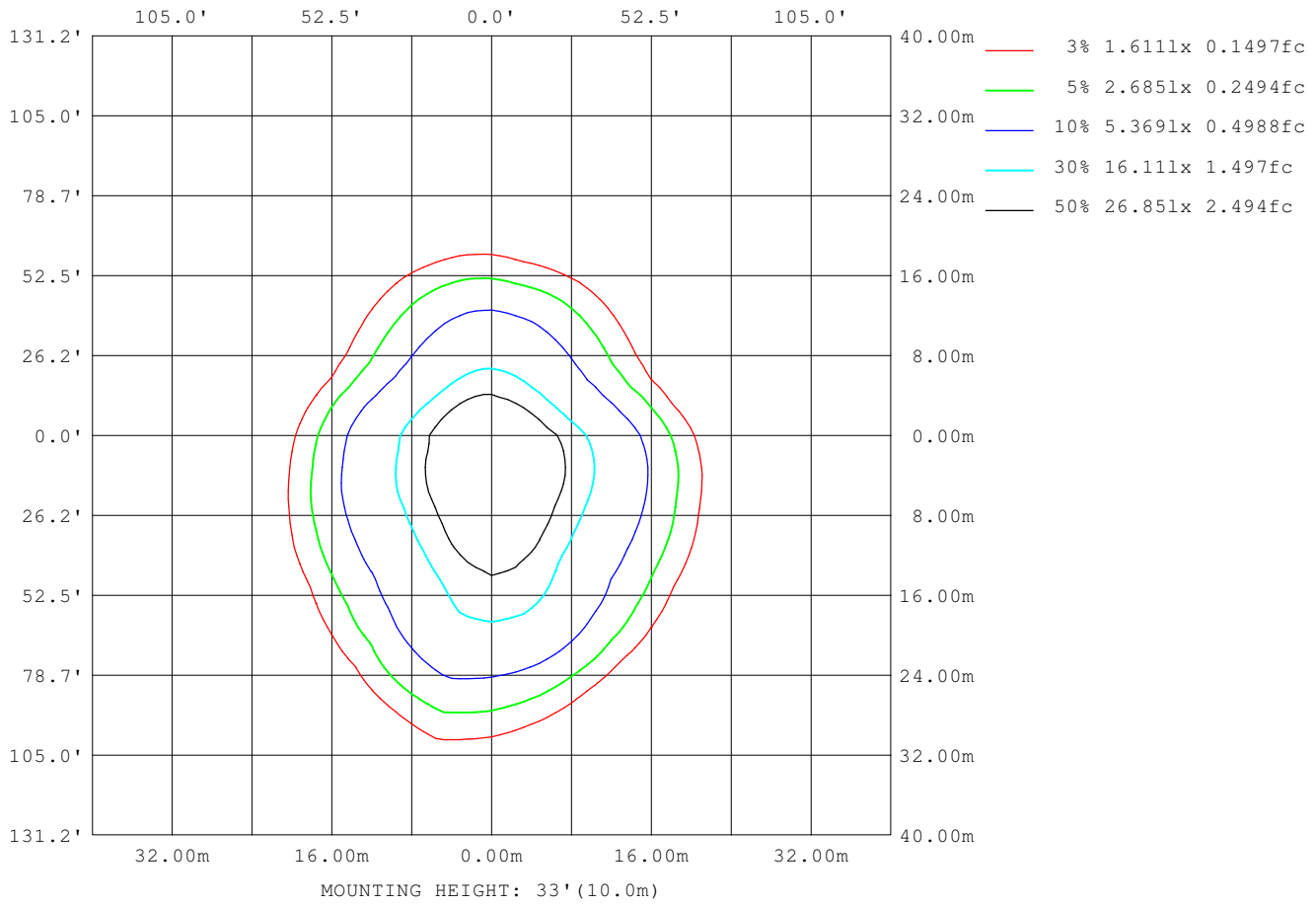


C Range: 0 - 360DEG  
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Test Speed: HIGH  
Temperature:20DEG  
Operators:LITPA  
Test Date:10/05/2021

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: KYH-175WATT-(ASÍMETRÝK)

## ISOLUX DIAGRAM

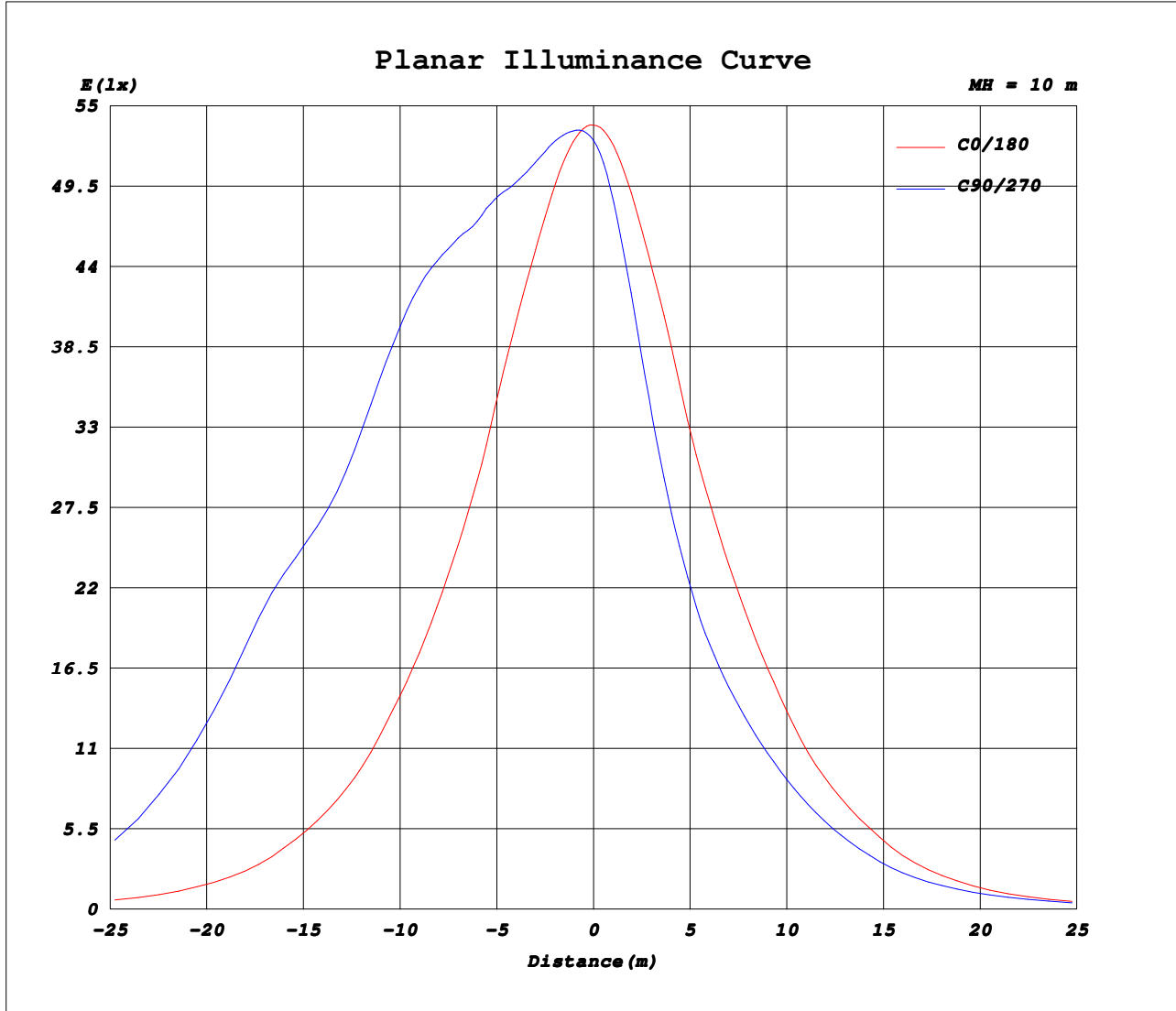
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## Planar Illuminance Curve

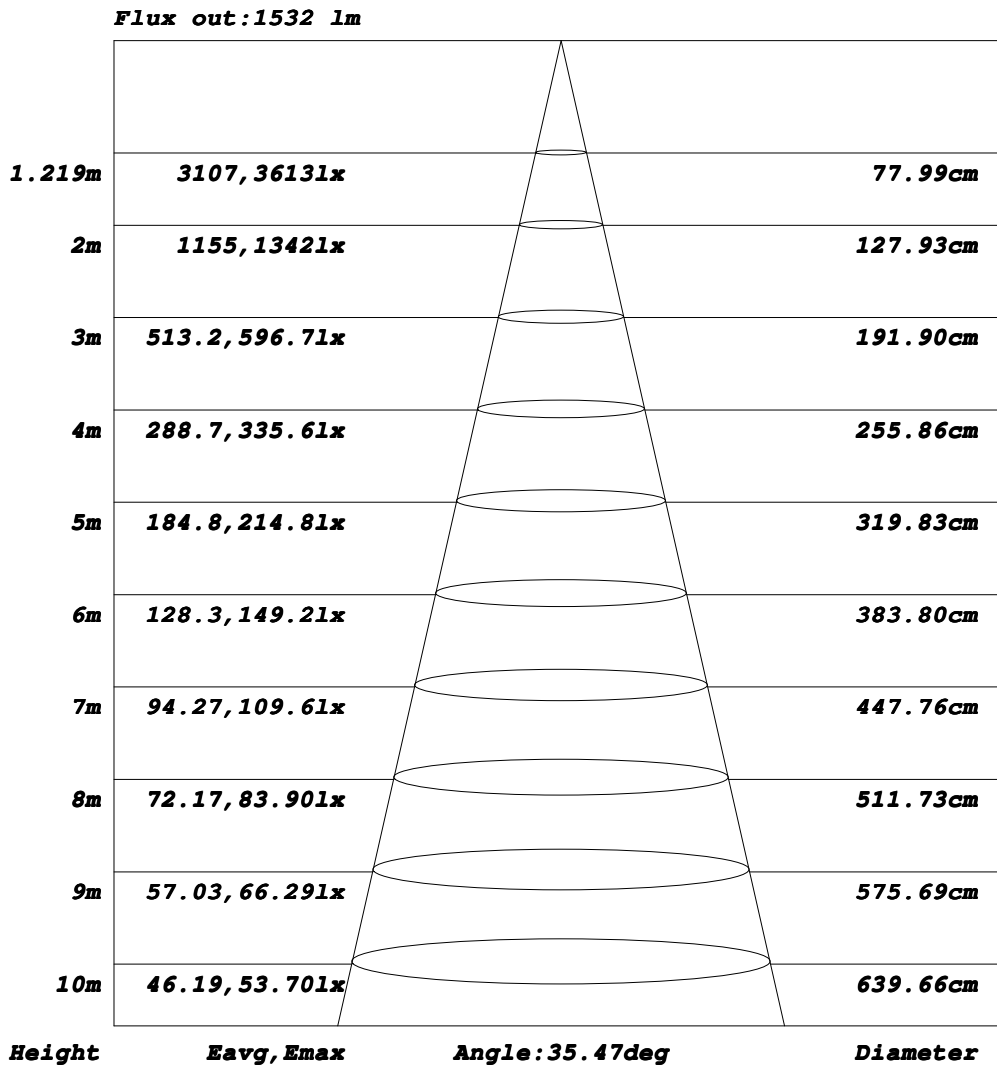


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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
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## AAI Figure

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SPEC.:175 WATT	DIM.: 322X530X50	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.

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C Interval: 10.0DEG  
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Temperature:20DEG  
Operators:LITPA  
Test Date:10/05/2021

γ Range: 0 - 90DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.200m [K=1.0000]  
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SPEC.:175 WATT	DIM.: 322X530X50	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	0.13	0.38	0.64	0.69	0.74	0.74	0.74	0.74	0.75	0.81	0.87	0.99	1.11	1.24	1.38	1.46	1.54	0.97	0.40
-85	0.13	0.42	0.78	0.95	1.25	1.66	2.19	2.72	3.40	4.43	5.58	7.33	9.46	13.4	17.7	21.7	25.8	18.3	10.3
-80	0.13	0.45	0.95	1.60	2.52	3.84	5.60	7.87	10.5	14.3	19.0	26.5	34.9	51.2	70.3	92.4	115	103	88.8
-75	0.13	0.51	1.37	2.66	4.60	7.68	12.0	17.5	24.8	34.5	45.6	63.2	83.6	127	180	246	312	301	277
-70	0.13	0.59	1.96	4.15	7.70	13.4	21.9	34.2	53.9	78.9	110	158	215	313	436	575	712	713	680
-65	0.13	0.69	2.66	6.13	11.8	20.8	35.6	61.2	99.7	149	216	302	407	559	763	985	1219	1273	1274
-60	0.13	0.86	3.48	8.49	16.5	29.9	55.4	99.9	157	228	318	412	541	696	895	1112	1347	1482	1595
-55	0.13	1.01	4.48	11.1	22.2	40.6	81.6	144	218	295	394	470	596	712	875	1031	1189	1298	1390
-50	0.13	1.22	5.54	14.0	28.6	53.8	112	190	276	369	448	538	637	737	866	999	1109	1185	1244
-45	0.13	1.43	6.60	17.1	35.3	72.0	145	232	322	410	475	562	639	726	821	931	1005	1068	1129
-40	0.13	1.62	7.73	20.3	43.0	93.4	171	267	362	433	501	572	633	697	764	838	884	924	977
-35	0.13	1.81	8.77	23.4	51.1	114	194	294	385	447	517	566	618	658	714	753	774	794	836
-30	0.13	1.99	9.76	26.0	59.0	130	216	312	397	457	522	563	600	631	667	689	695	703	732
-25	0.13	2.14	10.6	28.6	66.2	141	230	325	401	456	510	544	570	592	618	628	629	634	660
-20	0.13	2.25	11.3	30.5	73.3	147	234	327	393	445	490	517	536	554	574	580	583	587	605
-15	0.13	2.32	11.9	32.1	78.3	150	235	322	380	429	466	489	504	521	540	547	554	559	573
-10	0.13	2.36	12.1	33.0	81.1	151	234	317	367	409	439	459	473	491	512	522	533	541	553
-5	0.13	2.35	12.2	33.2	81.4	148	228	308	356	398	423	438	447	462	485	501	515	527	540
0	0.13	2.31	12.1	32.7	79.3	142	218	295	343	384	411	430	445	466	490	506	522	533	537
5	0.13	2.29	12.0	32.2	74.9	133	201	270	314	351	374	390	405	427	453	474	492	504	499
10	0.13	2.24	11.7	31.0	69.0	121	181	243	283	314	336	352	366	385	410	429	447	460	456
15	0.13	2.14	11.2	29.4	62.0	108	160	212	249	277	298	312	326	342	365	381	397	406	404
20	0.13	2.02	10.6	27.3	54.7	93.6	137	180	213	236	259	274	286	304	323	337	350	358	356
25	0.13	1.86	9.69	25.1	47.8	81.0	117	149	175	201	221	236	253	269	288	303	314	321	320
30	0.13	1.67	8.75	22.6	42.0	70.5	97.9	120	148	170	186	207	221	240	259	274	285	292	292
35	0.13	1.45	7.67	19.9	37.4	60.7	82.4	103	127	143	165	183	202	219	240	257	268	276	277
40	0.13	1.24	6.54	17.0	32.7	52.0	70.5	91.7	111	129	149	168	186	205	225	242	255	263	265
45	0.13	1.04	5.33	14.2	27.8	44.4	62.6	81.4	98.7	118	135	155	173	191	210	228	241	249	251
50	0.13	0.82	4.25	11.5	23.0	37.0	53.5	71.0	88.3	106	123	141	159	176	193	209	221	228	229
55	0.13	0.62	3.20	8.81	17.9	29.7	43.8	59.6	75.5	92.0	108	124	140	157	169	182	192	196	196
60	0.13	0.50	2.24	6.31	13.0	22.4	33.4	46.6	60.6	74.7	88.5	102	116	128	137	145	151	153	150
65	0.13	0.36	1.53	4.14	8.71	15.1	23.1	32.9	44.0	55.4	66.0	77.0	87.9	96.6	103	108	112	112	110
70	0.13	0.27	0.94	2.42	5.11	9.00	13.9	20.5	28.1	35.8	43.8	51.9	60.1	66.0	70.2	73.7	76.0	75.6	73.8
75	0.13	0.19	0.53	1.28	2.50	4.35	6.84	10.3	14.4	18.7	23.0	27.9	32.8	36.6	39.6	42.4	44.5	44.3	43.3
80	0.13	0.13	0.29	0.58	1.06	1.65	2.36	3.64	5.22	6.78	8.51	10.6	12.8	14.5	16.2	17.9	19.3	19.0	18.4
85	0.13	0.13	0.14	0.21	0.32	0.46	0.62	0.81	1.07	1.33	1.58	1.98	2.46	2.79	3.09	3.53	3.94	3.59	3.16
90	0.13	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.23	0.25	0.28	0.31	0.36	0.40	0.45	0.49	0.52	0.55

**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
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**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

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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	0.37	0.34	0.32	0.31	0.31	0.30	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.27	0.28	0.29	
-85	8.57	6.79	6.36	5.82	4.90	4.06	3.47	3.04	2.59	2.14	1.83	1.57	1.24	0.96	0.73	0.52	0.39	0.29	
-80	76.7	63.6	53.0	42.3	32.0	23.6	17.9	13.4	10.4	8.01	6.34	4.80	3.45	2.40	1.65	1.02	0.50	0.29	
-75	239	197	158	119	86.9	60.6	46.4	34.3	26.8	20.2	15.3	11.2	7.51	4.79	2.95	1.69	0.72	0.29	
-70	600	506	400	298	215	151	112	81.8	61.6	45.0	31.3	21.6	13.6	8.34	4.82	2.51	0.98	0.29	
-65	1187	1061	867	675	495	358	261	184	129	90.5	58.4	36.5	21.8	13.0	7.24	3.49	1.25	0.29	
-60	1530	1419	1206	973	741	558	418	310	221	150	100	58.1	32.0	18.5	10.1	4.63	1.57	0.29	
-55	1358	1299	1165	994	789	650	501	406	302	222	146	86.7	44.5	25.2	13.4	5.97	1.87	0.29	
-50	1214	1161	1074	941	797	687	572	475	381	290	199	121	60.3	32.7	17.0	7.39	2.21	0.29	
-45	1112	1071	1004	902	797	696	614	515	439	349	250	158	83.7	41.3	21.0	8.82	2.57	0.29	
-40	979	958	917	855	772	692	623	551	471	393	289	189	109	51.3	25.0	10.3	2.89	0.29	
-35	849	843	827	794	731	677	620	566	489	422	321	221	135	62.2	28.7	11.8	3.20	0.29	
-30	747	749	749	738	702	658	618	573	508	441	351	245	153	74.2	32.3	13.1	3.53	0.29	
-25	674	681	689	690	672	638	608	570	517	450	372	263	166	84.3	35.7	14.2	3.80	0.29	
-20	616	624	632	639	632	605	583	553	514	447	378	274	175	93.2	38.4	15.2	4.03	0.29	
-15	581	586	591	596	593	572	553	529	497	438	376	277	179	99.3	40.8	16.0	4.20	0.29	
-10	560	562	562	563	559	538	523	503	476	422	363	272	180	102	42.3	16.5	4.32	0.29	
-5	545	544	539	535	527	505	490	471	446	399	344	262	175	102	42.8	16.7	4.39	0.29	
0	535	528	517	507	494	470	454	436	414	371	322	246	167	99.0	42.4	16.7	4.40	0.29	
5	474	461	444	427	411	394	385	375	359	326	284	220	151	91.8	41.0	16.4	4.34	0.29	
10	429	416	399	383	367	347	333	319	303	277	244	191	134	83.1	38.8	16.0	4.24	0.29	
15	378	368	354	339	322	305	290	277	262	236	204	161	116	73.4	36.2	15.2	4.08	0.29	
20	337	327	314	302	286	265	253	238	219	199	173	135	97.3	63.4	33.1	14.3	3.87	0.29	
25	304	295	284	269	253	235	217	203	187	161	143	116	83.3	53.9	30.0	13.1	3.63	0.29	
30	283	274	263	248	230	209	194	174	160	139	116	98.0	73.0	46.0	26.7	12.0	3.33	0.29	
35	270	261	249	234	212	194	175	159	138	123	101	82.7	63.1	40.7	23.5	10.6	3.00	0.29	
40	259	250	237	220	200	181	163	145	126	109	90.4	70.9	54.0	35.5	20.2	9.21	2.69	0.29	
45	244	233	221	204	186	168	151	132	115	97.1	80.4	62.7	45.9	30.2	17.1	7.71	2.37	0.29	
50	220	210	200	185	169	153	136	119	103	86.0	69.7	53.4	38.1	25.0	13.9	6.34	2.03	0.29	
55	185	175	167	157	147	132	117	102	87.4	72.3	57.8	43.3	30.5	19.7	10.9	5.01	1.71	0.29	
60	143	134	129	123	116	106	93.9	81.4	69.5	56.8	44.4	32.8	23.0	14.5	8.12	3.77	1.44	0.29	
65	103	96.1	92.9	88.7	83.9	77.0	68.0	58.9	49.8	40.2	30.8	22.5	15.6	9.96	5.62	2.83	1.16	0.29	
70	68.0	62.0	59.8	56.7	53.7	49.3	43.0	36.7	30.6	24.8	18.6	13.5	9.44	6.11	3.55	2.02	0.93	0.29	
75	38.0	32.4	30.6	28.2	26.4	23.9	20.8	17.6	14.8	11.9	9.12	6.58	4.73	3.19	2.16	1.38	0.73	0.29	
80	15.0	11.5	10.5	9.30	8.52	7.75	6.67	5.60	4.75	3.96	3.08	2.32	1.94	1.57	1.22	0.93	0.56	0.29	
85	2.19	1.23	1.14	1.03	1.05	1.01	0.94	0.88	0.89	0.84	0.78	0.74	0.71	0.69	0.68	0.64	0.47	0.29	
90	0.59	0.63	0.58	0.53	0.48	0.42	0.39	0.35	0.35	0.34	0.34	0.34	0.36	0.38	0.43	0.48	0.38	0.29	

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