

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2603.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	58.9V x 60.1H
	At 50% of Imax	26.4V x 27.9H
	At 90% of Imax	9.4V x 10.9H

Beam Flux	Total	1000.5 lumens per klm.
	To 10% of Imax	715.8 lumens per klm.
	To 50% of Imax	311.5 lumens per klm.
	To 90% of Imax	48.8 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.1 %

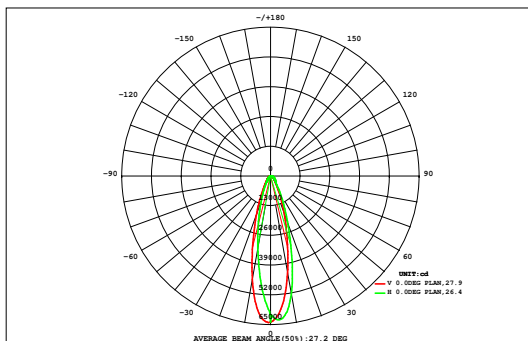
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

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-225WATT-X1625D 30°

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.47V I:0.9992A P:227.34W PF:0.9872 Freq:50.01Hz Lamp Flux:24591.8x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:225 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:108.17lm/W	
MODEL	KYH-Maxi	Imax(cd)	64033
NOMINAL POWER(W)	225	AVAILABILITY(%)	71.7
RATED VOLTAGE(V)	230.0	Avai. FLUX(lm)	17625
NOMINAL FLUX(lm)	24591.8	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	24592
TEST VOLTAGE(V)	230	θ @50% (H,V)	28,26DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.01	0.04	0.10	0.19	0.30	0.44	0.58	0.54	0.35	0.26	0.23	0.20	0.15	0.11	0.07	0.04	0.01	3.61	0.00
90	0.01	0.07	0.37	1.09	2.26	3.67	5.23	6.52	6.70	5.60	4.66	3.92	2.96	1.98	1.09	0.47	0.14	0.02	46.7	0.00
80	0.01	0.26	1.41	3.78	7.23	11.2	15.2	18.5	19.5	17.7	15.6	13.2	10.1	6.84	3.87	1.66	0.41	0.03	146	0.00
70	0.03	0.62	3.04	7.53	13.9	21.3	29.0	35.4	37.9	35.2	31.1	26.1	19.9	13.5	7.74	3.44	0.87	0.05	287	0.00
60	0.05	1.07	4.87	11.8	21.7	33.6	46.0	56.0	60.4	57.0	51.2	42.2	31.6	21.2	12.1	5.42	1.42	0.09	458	0.00
50	0.07	1.55	6.67	16.1	30.0	47.7	68.5	89.3	103	93.3	80.9	62.5	44.7	29.3	16.8	7.42	1.98	0.12	700	0.00
40	0.09	1.99	8.30	20.3	38.8	65.2	115	188	247	213	165	102	60.1	37.4	21.1	9.26	2.46	0.16	1295	506
30	0.11	2.33	9.63	23.8	45.9	86.5	199	423	649	564	379	180	80.6	43.9	24.5	10.7	2.83	0.18	2725	2256
20	0.13	2.54	10.5	26.0	50.2	104	285	739	1375	1232	715	278	101	48.9	26.8	11.7	3.06	0.20	5008	4598
10	0.13	2.57	10.6	26.0	49.9	103	286	777	1565	1631	841	303	107	50.5	27.4	11.9	3.11	0.20	5795	5390
0	0.12	2.40	9.85	24.2	46.3	89.8	229	575	1052	913	519	222	90.9	47.2	26.3	11.5	2.97	0.19	3862	3424
-10	0.10	2.10	8.76	21.8	41.8	73.0	148	297	434	361	244	133	70.6	41.8	23.6	10.3	2.67	0.17	1914	1349
-20	0.08	1.69	7.40	18.5	35.3	56.8	89.8	137	167	142	112	79.8	53.3	34.9	19.9	8.61	2.22	0.14	967	102
-30	0.05	1.24	5.74	14.5	27.2	42.8	59.1	75.2	82.5	75.9	66.8	54.7	40.5	27.2	15.5	6.60	1.67	0.10	597	0.00
-40	0.03	0.77	3.92	10.2	19.1	30.0	40.7	49.8	53.9	51.2	46.3	38.5	29.0	19.3	10.8	4.51	1.08	0.06	409	0.00
-50	0.02	0.37	2.16	5.98	11.5	18.3	25.1	30.9	33.6	31.8	28.5	23.5	17.5	11.2	6.16	2.48	0.56	0.04	250	0.00
-60	0.01	0.12	0.76	2.37	4.93	8.16	11.6	14.6	15.6	14.1	12.2	10.1	7.28	4.52	2.35	0.89	0.20	0.02	110	0.00
-70	0.00	0.03	0.12	0.37	0.86	1.56	2.35	3.12	3.14	2.42	1.90	1.52	1.07	0.65	0.34	0.15	0.05	0.01	19.7	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HORIZONTAL (DEG)																				
Φ t	1.04	21.7	94.1	234	447	796	1655	3515	5907	5440	3314	1574	768	440	246	107	27.7	1.79	24592	---
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	928	2920	5338	4860	2717	862	0.00	0.00	0.00	0.00	0.00	0.00	---	17625

one-half-peak spread: U:13.4,D:10.3 , L:14.7,R:13.4

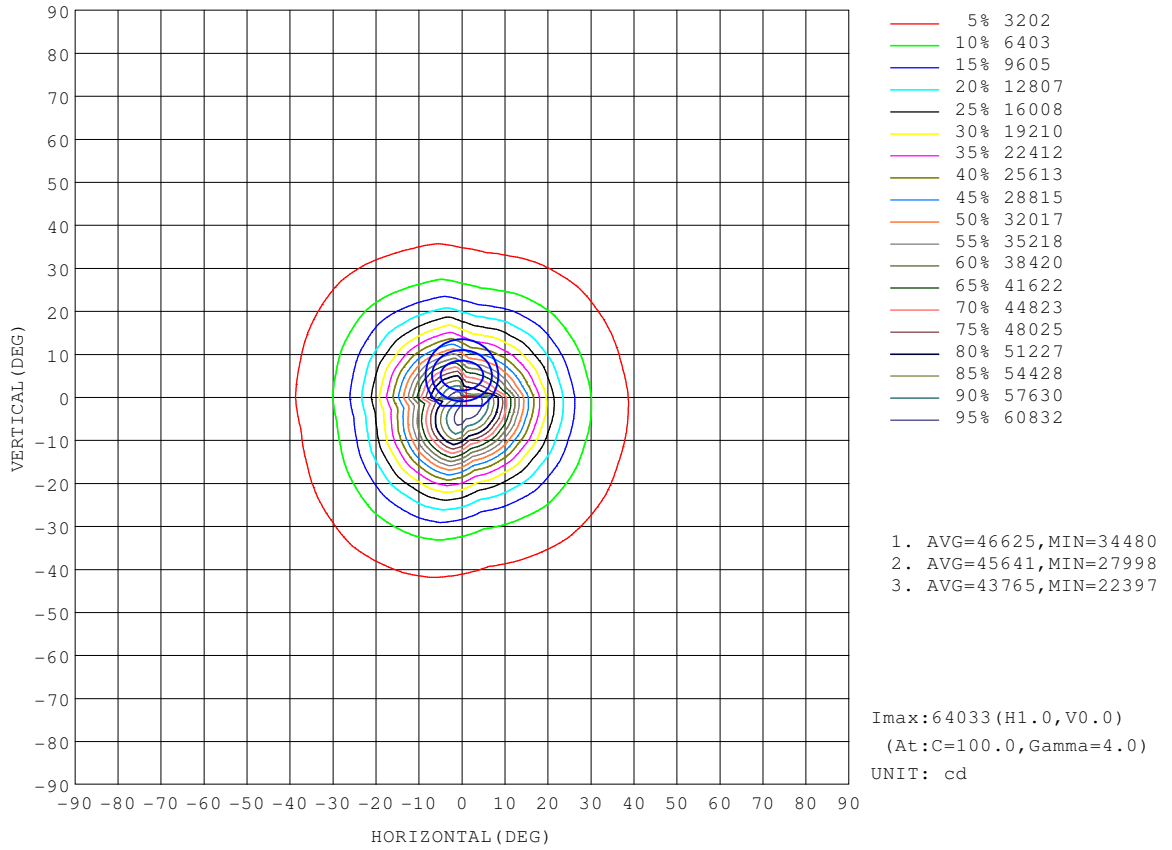
NEMA Beam Type: Type 4

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:07/05/2021

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-225WATT-X1625D 30°

ISOCANDELA DIAGRAM

Test:U:230.47V I:0.9992A P:227.34W PF:0.9872 Freq:50.01Hz Lamp Flux:24591.8x1 lm		
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SPEC.:225 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

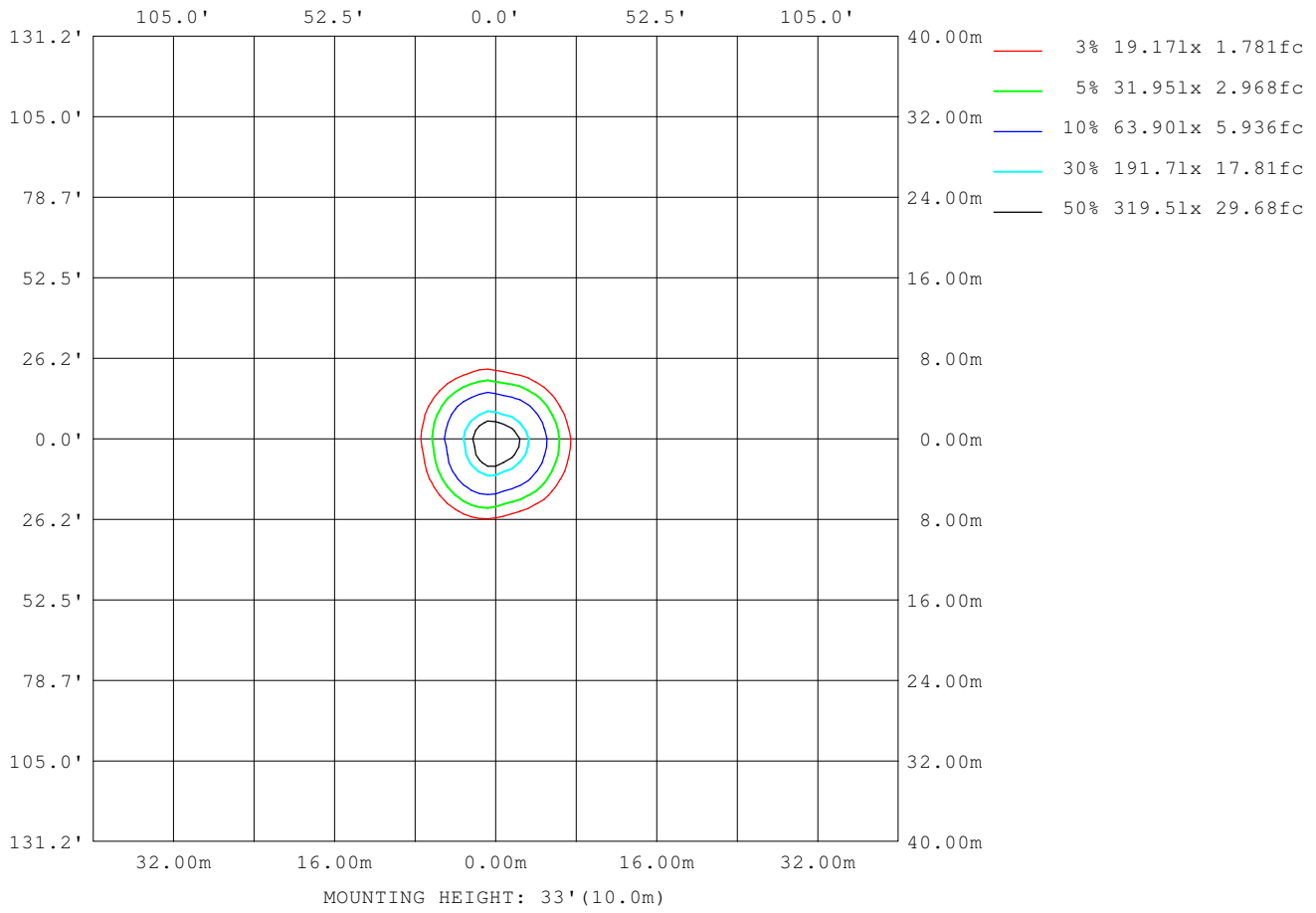


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Test Speed: HIGH
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ISOLUX DIAGRAM

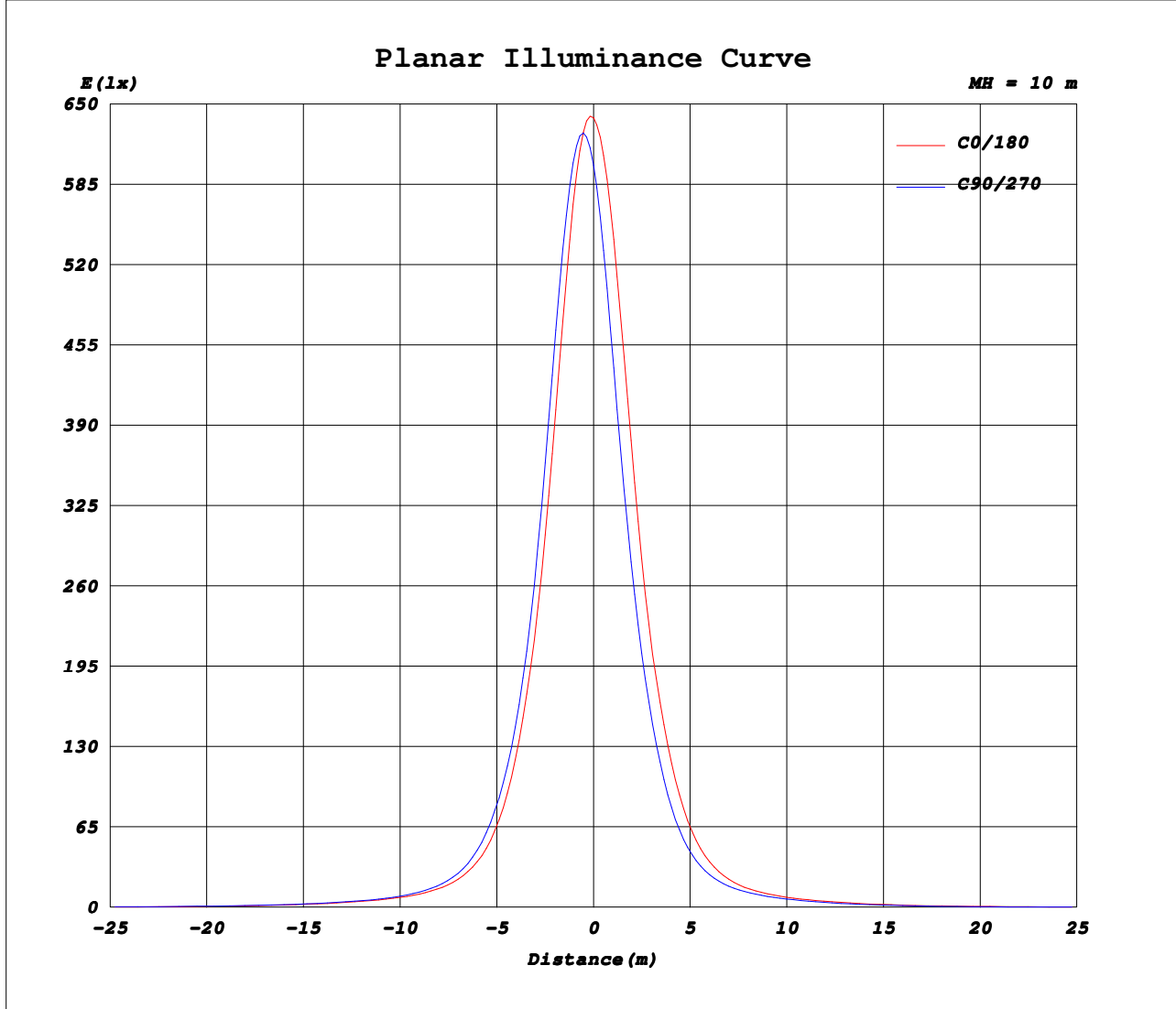
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SPEC.:225 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

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Planar Illuminance Curve

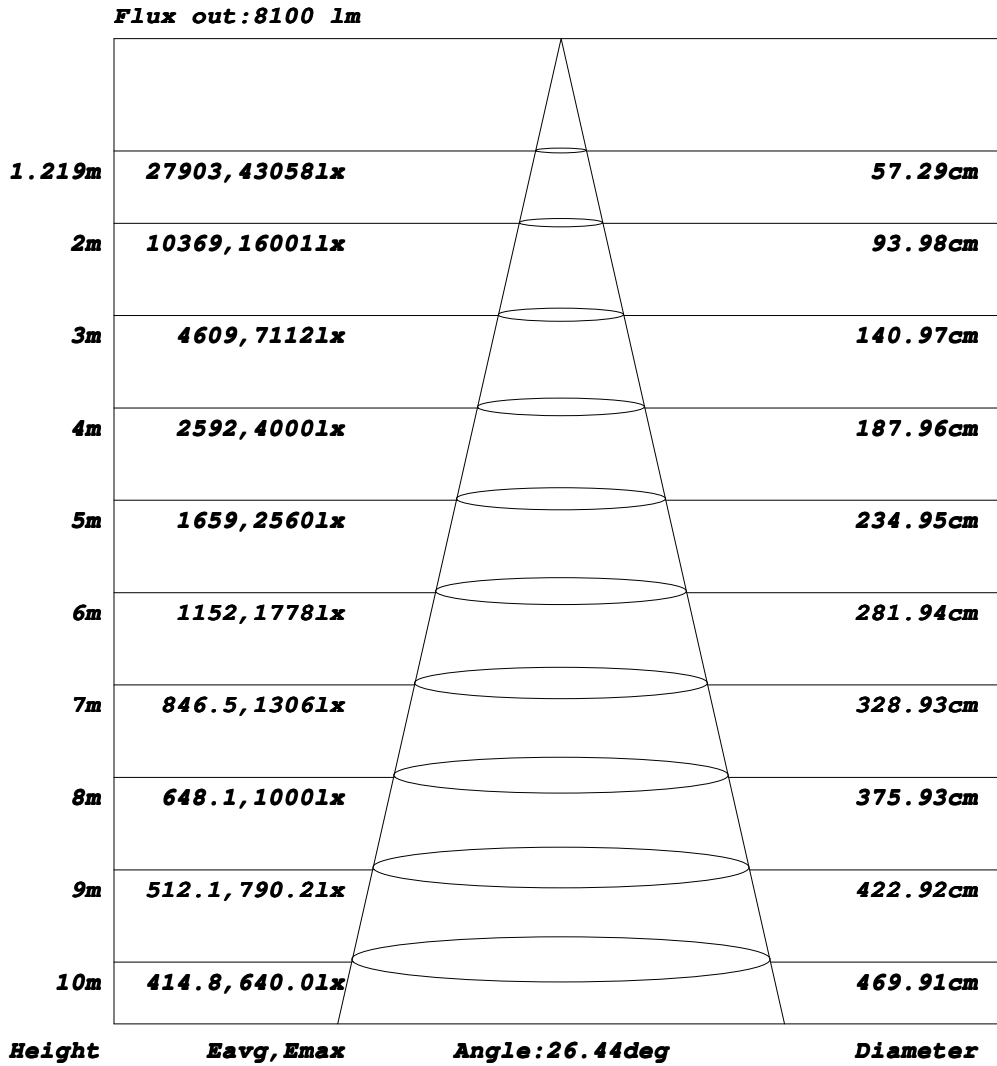


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

γ Range: 0 - 90DEG
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AAI Figure

Test:U:230.47V I:0.9992A P:227.34W PF:0.9872 Freq:50.01Hz Lamp Flux:24591.8x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:225 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.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:07/05/2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.47V I:0.9992A P:227.34W PF:0.9872 Freq:50.01Hz Lamp Flux:24591.8x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:225 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT: μA10cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.12	0.15	0.19	0.19	0.19	0.23	0.27	0.30	0.33	0.43	0.52	0.63	0.73	0.84	0.94	1.05	1.15	0.84	0.53
-85	0.12	0.16	0.22	0.30	0.45	0.74	1.13	1.59	2.22	3.14	4.13	5.05	6.02	7.12	8.20	9.01	9.74	8.55	7.24
-80	0.12	0.17	0.27	0.63	1.20	2.17	3.68	5.68	7.93	10.7	13.7	16.3	18.9	21.7	24.4	26.5	28.2	26.8	24.9
-75	0.12	0.20	0.50	1.24	2.58	5.32	8.92	13.0	17.3	22.3	27.4	32.2	36.7	41.3	45.9	49.2	51.9	50.8	48.8
-70	0.12	0.23	0.84	2.16	5.32	10.1	16.0	22.6	29.4	36.7	44.2	51.4	58.0	64.6	71.0	75.8	79.6	79.2	77.5
-65	0.12	0.29	1.25	3.83	8.97	15.9	24.5	33.7	43.0	52.9	63.0	72.9	82.0	90.8	98.9	105	111	111	110
-60	0.12	0.42	1.71	5.98	13.1	22.5	33.7	45.6	57.6	70.3	83.5	96.5	108	118	127	136	142	144	142
-55	0.12	0.53	2.54	8.45	17.7	29.4	43.1	57.5	72.8	88.2	104	120	135	147	159	170	177	179	175
-50	0.12	0.67	3.53	11.1	22.5	36.4	52.3	70.0	88.4	107	125	145	162	178	192	206	214	215	210
-45	0.12	0.82	4.62	13.8	27.2	43.3	61.5	82.2	104	125	148	171	192	212	233	253	265	267	259
-40	0.12	0.96	5.83	16.5	31.7	49.8	70.4	94.0	119	145	172	198	226	257	291	326	352	361	344
-35	0.12	1.10	6.99	19.3	35.9	55.9	79.0	105	133	164	194	226	265	320	383	452	513	538	501
-30	0.12	1.23	8.11	21.9	39.7	61.2	86.6	115	146	180	214	254	312	404	526	666	804	881	813
-25	0.12	1.34	9.10	24.2	43.2	65.8	93.1	124	157	193	232	286	372	516	739	989	1246	1426	1359
-20	0.12	1.44	10.0	26.1	46.5	70.2	98.2	131	167	204	248	317	444	656	993	1427	1879	2298	2236
-15	0.12	1.51	10.8	27.8	49.2	74.5	103	136	174	213	262	345	508	804	1271	1923	2748	3586	3604
-10	0.12	1.56	11.3	29.0	51.3	77.8	108	142	180	219	273	370	559	909	1512	2383	3616	4891	5240
-5	0.12	1.58	11.6	29.7	52.7	80.0	112	147	187	228	287	393	598	975	1613	2558	3963	5435	6233
0	0.12	1.59	11.7	30.0	53.2	81.0	113	149	191	235	297	414	643	1074	1783	2823	4308	5734	6390
5	0.12	1.57	11.5	29.4	52.2	79.4	111	146	187	230	290	398	608	994	1613	2494	3655	4744	4745
10	0.12	1.53	11.0	28.4	50.4	76.7	107	141	181	222	276	371	551	871	1340	1948	2673	3293	3233
15	0.12	1.47	10.4	26.9	47.9	72.8	102	134	172	211	260	336	471	696	1035	1422	1806	2141	2056
20	0.12	1.38	9.58	25.0	44.7	67.9	94.9	125	160	197	239	295	389	538	744	961	1165	1348	1247
25	0.12	1.28	8.55	22.8	41.1	62.5	87.4	115	146	179	214	257	319	405	510	617	718	807	736
30	0.12	1.16	7.50	20.3	37.1	56.8	79.2	104	130	159	189	221	262	309	360	410	458	499	458
35	0.12	1.02	6.34	17.6	32.8	50.5	70.2	91.5	114	138	164	191	217	245	271	296	319	334	315
40	0.12	0.88	5.18	14.8	28.2	43.8	60.9	79.1	98.3	119	141	162	181	201	218	232	243	248	238
45	0.12	0.73	4.00	12.1	23.4	36.9	51.3	66.5	82.8	100	118	134	150	167	180	190	197	199	193
50	0.12	0.58	2.99	9.32	18.6	29.9	41.9	54.2	67.7	81.7	95.7	108	121	134	145	154	160	161	156
55	0.12	0.44	2.10	6.69	13.9	23.0	32.5	42.4	53.3	64.6	75.0	85.1	95.2	105	113	120	126	125	121
60	0.12	0.35	1.42	4.46	9.64	16.3	23.6	31.3	39.8	48.1	55.9	63.2	71.0	77.7	83.8	89.1	93.1	92.1	88.3
65	0.12	0.26	1.00	2.65	5.97	10.4	15.4	21.1	27.2	33.2	38.6	44.3	49.8	54.5	58.6	62.2	65.2	63.8	60.6
70	0.12	0.20	0.61	1.45	3.16	5.66	8.64	12.4	16.5	20.3	23.8	27.7	31.7	34.8	37.4	39.9	41.9	40.5	38.0
75	0.12	0.15	0.34	0.80	1.42	2.45	3.80	5.63	7.73	9.84	11.8	14.0	16.3	18.2	19.8	21.5	22.8	21.4	19.4
80	0.12	0.12	0.20	0.34	0.60	0.90	1.19	1.75	2.41	3.00	3.67	4.50	5.37	6.15	6.91	7.62	8.20	7.13	5.84
85	0.12	0.12	0.12	0.15	0.19	0.23	0.29	0.37	0.48	0.55	0.60	0.70	0.81	0.89	0.95	1.03	1.10	0.87	0.63
90	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.15	0.15

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SPEC.:225 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: μA10cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	0.38	0.24	0.24	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.21	0.21	0.20	0.20	
-85	6.02	4.75	4.58	4.34	3.94	3.50	3.05	2.65	2.19	1.75	1.41	1.18	0.94	0.73	0.55	0.39	0.28	0.20	
-80	22.5	20.0	19.3	18.3	16.5	14.8	12.9	11.0	8.82	6.93	5.41	3.98	2.69	1.72	1.15	0.73	0.35	0.20	
-75	45.7	42.3	40.8	38.7	35.9	32.5	28.6	24.6	20.4	16.3	12.9	9.56	6.40	3.83	2.08	1.14	0.51	0.20	
-70	73.3	68.8	66.7	63.5	59.0	53.9	47.9	41.4	35.0	28.6	23.0	17.2	11.9	7.24	3.83	1.68	0.69	0.20	
-65	105	99.9	96.9	92.1	85.3	77.9	69.7	60.8	51.8	42.9	34.8	26.5	18.5	11.7	6.26	2.47	0.87	0.20	
-60	137	132	128	121	112	103	93.0	82.0	69.8	58.7	47.9	36.6	26.1	16.7	9.15	3.60	1.05	0.20	
-55	169	162	157	149	139	128	116	103	89.3	75.3	61.4	47.2	34.0	22.3	12.4	4.99	1.22	0.20	
-50	203	195	189	180	169	154	139	124	108	92.0	75.0	57.8	42.0	28.1	15.8	6.45	1.43	0.20	
-45	245	235	225	213	197	179	162	144	126	108	88.2	68.3	50.1	33.7	19.4	7.92	1.66	0.20	
-40	317	297	278	256	233	208	185	165	144	122	101	78.7	57.8	39.2	22.8	9.51	1.86	0.20	
-35	442	409	369	326	284	244	211	186	162	137	113	88.6	65.1	44.4	25.9	11.0	2.11	0.20	
-30	683	618	529	444	360	291	242	207	178	151	124	97.9	72.2	49.2	28.7	12.3	2.43	0.20	
-25	1113	989	807	633	465	352	277	228	193	163	134	106	78.5	53.0	31.2	13.5	2.70	0.20	
-20	1842	1547	1218	881	609	428	315	247	205	173	143	113	83.6	56.3	33.2	14.5	2.92	0.20	
-15	2959	2368	1719	1185	780	505	351	266	216	181	149	118	87.1	58.8	34.8	15.3	3.09	0.20	
-10	4445	3408	2324	1513	931	579	388	284	225	187	154	121	89.5	60.4	35.8	15.9	3.20	0.20	
-5	5681	4329	2832	1776	1067	637	413	294	230	190	156	123	90.6	61.1	36.3	16.2	3.27	0.20	
0	6003	4594	3003	1847	1085	646	416	296	231	190	156	123	90.5	61.0	36.4	16.2	3.27	0.20	
5	4136	3365	2399	1579	965	589	389	282	223	186	152	120	88.7	60.0	35.8	16.0	3.23	0.20	
10	2827	2382	1802	1253	808	517	353	263	212	178	147	116	85.7	58.2	34.7	15.5	3.14	0.20	
15	1806	1600	1276	928	624	432	313	245	201	170	139	110	81.5	55.6	33.2	14.7	2.99	0.20	
20	1107	1014	838	648	475	351	272	223	189	159	130	103	76.4	52.3	31.2	13.8	2.80	0.20	
25	662	615	543	445	359	288	237	202	173	146	120	94.3	70.2	48.2	28.8	12.6	2.57	0.20	
30	419	397	367	321	276	238	206	180	155	131	109	85.3	63.5	44.0	26.0	11.4	2.29	0.20	
35	297	285	270	249	223	200	179	157	135	115	95.4	75.5	56.4	39.1	23.1	10.0	1.97	0.20	
40	229	223	214	202	186	169	152	134	116	99.1	82.1	65.1	48.9	33.7	19.9	8.53	1.73	0.20	
45	187	181	174	164	153	139	126	112	98.0	83.0	69.0	54.8	41.3	28.3	16.6	6.97	1.55	0.20	
50	150	144	137	130	122	112	102	91.4	80.0	67.9	56.0	44.7	33.6	22.9	13.2	5.56	1.34	0.20	
55	116	110	105	100	94.6	87.3	78.9	71.3	62.3	53.2	43.8	34.9	26.1	17.6	10.1	4.20	1.15	0.20	
60	84.4	80.1	76.9	73.4	69.6	64.5	58.6	52.4	46.3	39.4	32.3	25.5	18.9	12.6	7.17	2.93	0.99	0.20	
65	57.6	54.1	52.3	50.0	47.6	44.1	39.9	35.7	31.4	26.7	21.7	16.8	12.4	8.29	4.67	2.01	0.82	0.20	
70	35.7	33.0	31.8	30.3	28.6	26.5	23.9	21.1	18.6	15.7	12.6	9.59	7.15	4.75	2.66	1.41	0.65	0.20	
75	17.6	15.6	14.9	14.0	13.4	12.4	11.2	9.76	8.49	7.13	5.72	4.35	3.30	2.19	1.48	1.01	0.47	0.20	
80	4.94	3.97	3.85	3.63	3.51	3.34	3.00	2.65	2.41	2.14	1.78	1.40	1.27	1.07	0.86	0.66	0.32	0.20	
85	0.46	0.30	0.33	0.35	0.40	0.41	0.40	0.40	0.45	0.44	0.44	0.43	0.43	0.43	0.41	0.33	0.28	0.20	
90	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.23	0.26	0.23	0.20	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

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-225WATT-X1625D 30°