

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2597.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	59.0V x 60.1H
	At 50% of Imax	26.5V x 27.9H
	At 90% of Imax	9.7V x 10.9H

Beam Flux	Total	1000.5 lumens per klm.
	To 10% of Imax	715.3 lumens per klm.
	To 50% of Imax	313.6 lumens per klm.
	To 90% of Imax	48.2 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.1 %

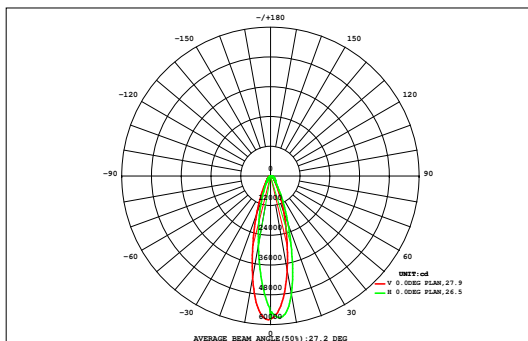
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10/05/2021

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-200WATT-x1625D 30°

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.47V I:0.8903A P:201.44W PF:0.9818 Freq:50.01Hz Lamp Flux:22346.9x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:110.93lm/W	
MODEL	KYH-Maxi	Imax(cd)	58051
NOMINAL POWER(W)	200	AVAILABILITY(%)	71.7
RATED VOLTAGE(V)	230.0	Avai. FLUX(lm)	16033
NOMINAL FLUX(lm)	22346.9	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	22347
TEST VOLTAGE(V)	230	θ @50%(H,V)	28,27DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.01	0.03	0.08	0.15	0.24	0.35	0.47	0.43	0.26	0.20	0.19	0.16	0.13	0.09	0.06	0.03	0.01	2.90	0.00
90	0.00	0.01	0.03	0.08	0.15	0.24	0.35	0.47	0.43	0.26	0.20	0.19	0.16	0.13	0.09	0.06	0.03	0.01	2.90	0.00
80	0.00	0.06	0.30	0.92	1.93	3.18	4.56	5.75	5.86	4.85	4.09	3.45	2.61	1.75	0.97	0.42	0.12	0.02	40.9	0.00
70	0.01	0.22	1.21	3.30	6.37	9.89	13.5	16.5	17.4	15.7	13.9	11.9	9.02	6.15	3.49	1.51	0.38	0.03	131	0.00
60	0.02	0.53	2.66	6.66	12.4	19.1	25.9	31.8	34.0	31.5	28.0	23.6	17.9	12.2	7.02	3.12	0.80	0.05	257	0.00
50	0.04	0.94	4.32	10.5	19.4	30.1	41.3	50.4	54.4	51.3	46.3	38.2	28.6	19.2	11.0	4.94	1.30	0.08	412	0.00
40	0.06	1.36	5.94	14.4	26.9	42.8	61.5	80.0	92.0	83.7	73.0	56.6	40.6	26.6	15.3	6.76	1.81	0.11	630	0.00
30	0.08	1.76	7.41	18.2	34.8	58.5	102	167	220	190	148	92.1	54.7	34.1	19.2	8.45	2.25	0.14	1159	442
20	0.10	2.08	8.63	21.4	41.3	77.7	178	376	579	504	342	163	73.4	40.0	22.4	9.77	2.58	0.17	2442	2016
10	0.11	2.27	9.42	23.4	45.3	93.4	255	660	1233	1108	649	254	92.2	44.5	24.4	10.6	2.79	0.18	4508	4136
0	0.11	2.30	9.51	23.5	45.1	92.9	258	702	1419	1494	773	278	97.5	45.9	24.9	10.9	2.83	0.19	5280	4912
-10	0.10	2.15	8.89	21.9	42.1	81.5	208	525	969	846	481	205	83.4	43.1	23.9	10.4	2.71	0.17	3556	3162
-20	0.09	1.88	7.92	19.8	38.0	66.4	135	273	403	336	227	123	64.9	38.1	21.5	9.42	2.44	0.15	1767	1263
-30	0.07	1.52	6.69	16.8	32.1	51.8	82.2	126	155	132	103	73.4	48.9	31.9	18.2	7.88	2.03	0.12	890	102
-40	0.04	1.11	5.19	13.2	24.8	39.1	54.1	69.0	76.0	69.7	61.3	50.1	37.1	24.9	14.2	6.07	1.53	0.09	548	0.00
-50	0.03	0.69	3.54	9.26	17.4	27.4	37.2	45.6	49.5	47.0	42.4	35.4	26.6	17.7	9.94	4.16	1.00	0.06	375	0.00
-60	0.01	0.33	1.94	5.44	10.5	16.7	23.0	28.4	31.0	29.3	26.1	21.7	16.1	10.4	5.71	2.30	0.52	0.03	229	0.00
-70	0.01	0.11	0.68	2.16	4.52	7.50	10.6	13.5	14.5	13.1	11.3	9.36	6.80	4.24	2.21	0.85	0.19	0.02	102	0.00
-80	0.00	0.03	0.11	0.34	0.80	1.45	2.20	2.92	3.00	2.32	1.79	1.47	1.04	0.63	0.33	0.14	0.05	0.01	18.6	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
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	0.90	19.3	84.4	211	404	720	1493	3174	5357	4959	3031	1441	702	402	225	97.8	25.4	1.64	22347	---
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	831	2636	4835	4435	2494	801	0.00	0.00	0.00	0.00	0.00	0.00	---	16033

one-half-peak spread: U:12.8,D:10.0 , L:14.6,R:13.5

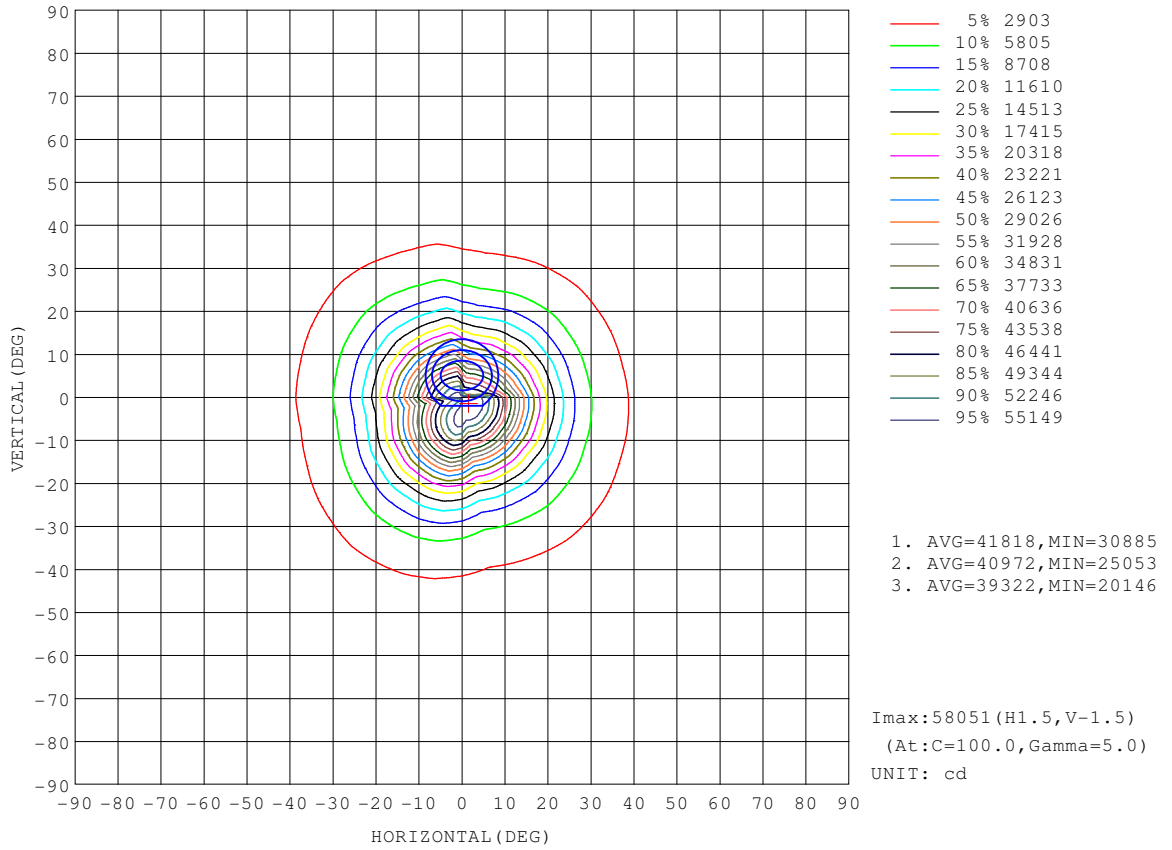
NEMA Beam Type: Type 4

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 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-200WATT-x1625D 30°

ISOCANDELA DIAGRAM

Test:U:230.47V I:0.8903A P:201.44W PF:0.9818 Freq:50.01Hz Lamp Flux:22346.9x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

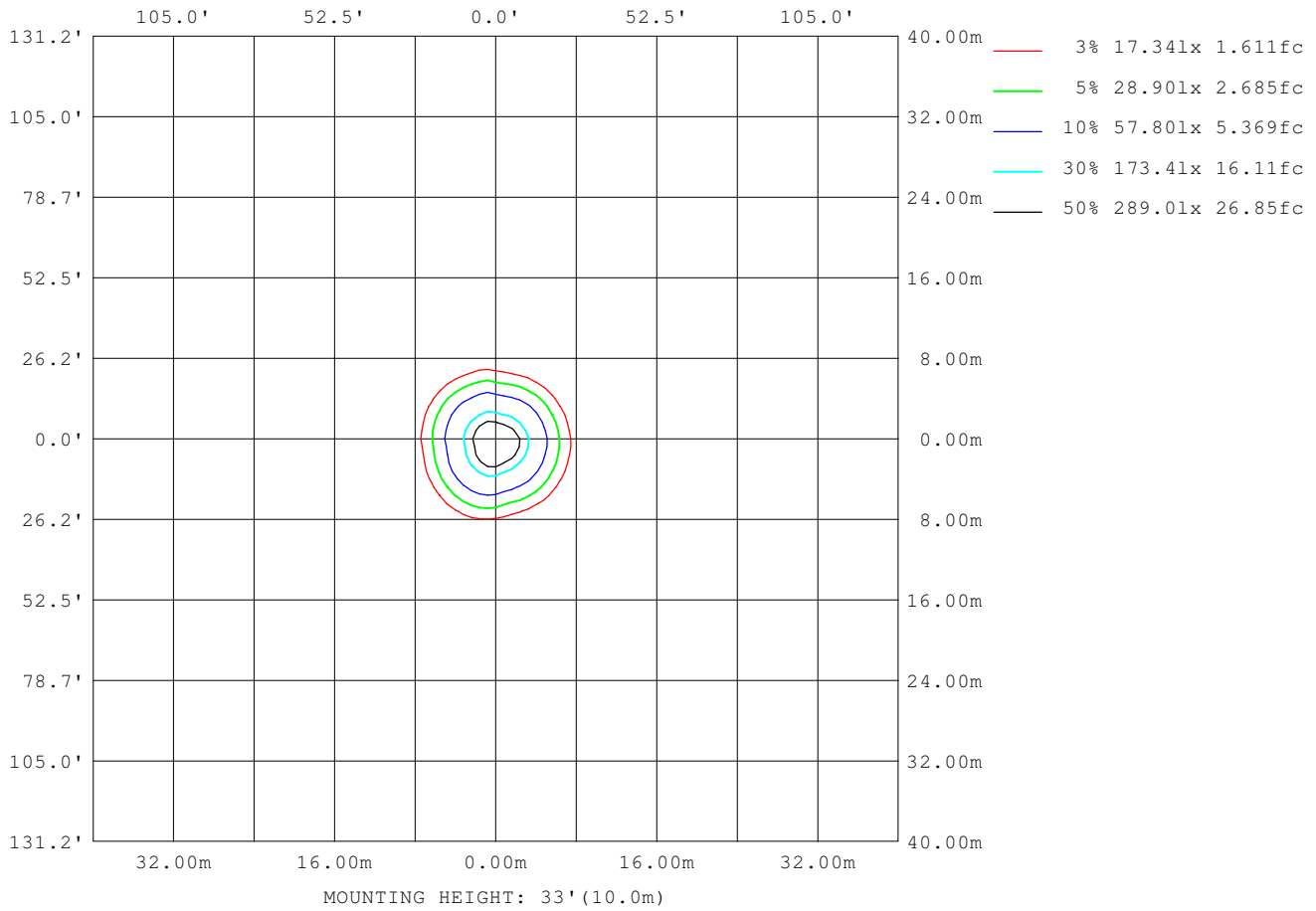


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10/05/2021

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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-200WATT-x1625D 30°

ISOLUX DIAGRAM

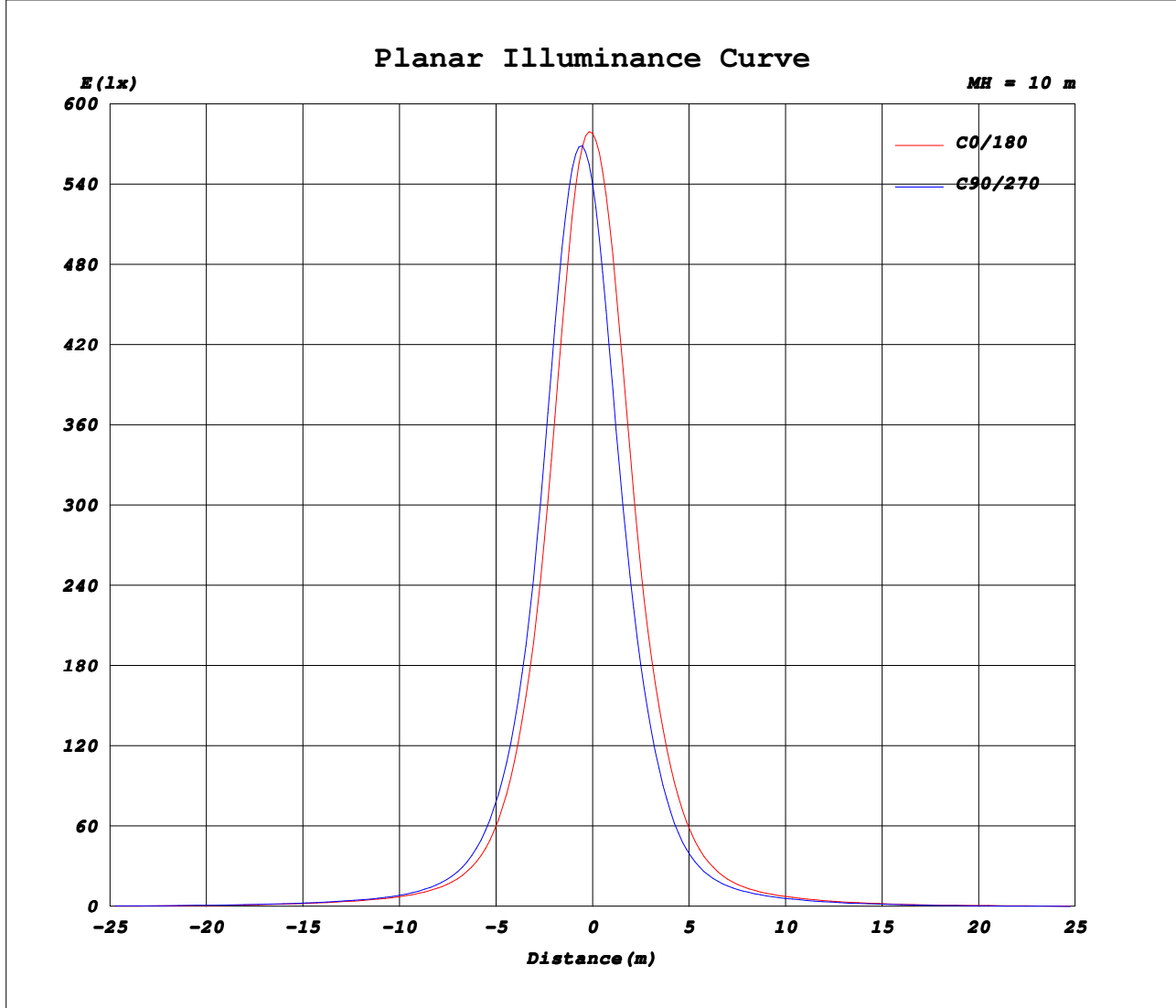
Test:U:230.47V I:0.8903A P:201.44W PF:0.9818 Freq:50.01Hz Lamp Flux:22346.9x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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

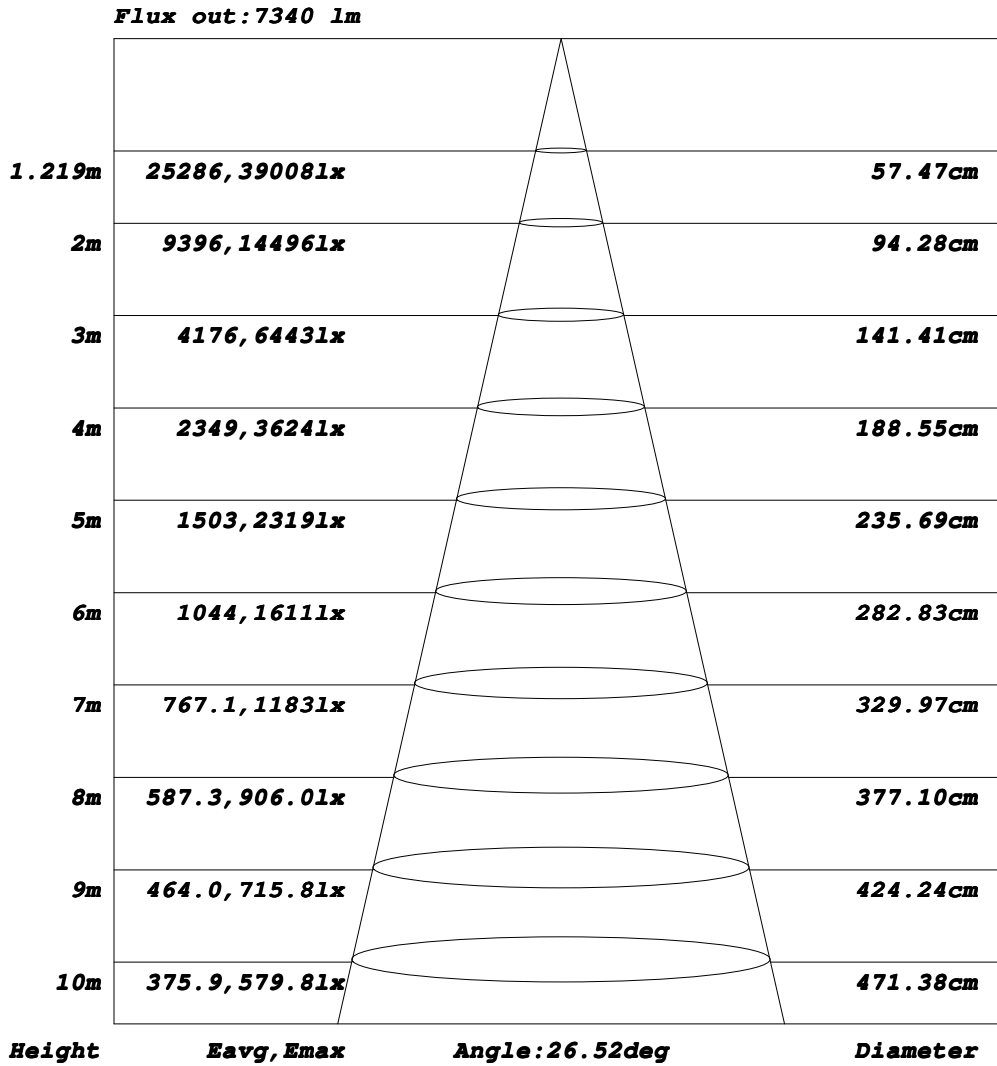


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10/05/2021

γ Range: 0 - 90DEG
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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
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Test Distance: 7.200m [K=1.0000]
Remarks: KYH-200WATT-x1625D 30°

AAI Figure

Test:U:230.47V I:0.8903A P:201.44W PF:0.9818 Freq:50.01Hz Lamp Flux:22346.9x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 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: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-200WATT-x1625D 30°

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.47V I:0.8903A P:201.44W PF:0.9818 Freq:50.01Hz Lamp Flux:22346.9x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 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	0.11	0.14	0.17	0.17	0.17	0.21	0.25	0.28	0.31	0.40	0.49	0.60	0.71	0.81	0.92	1.02	1.12	0.88	0.64
-85	0.11	0.14	0.18	0.26	0.39	0.66	1.02	1.45	2.04	2.91	3.85	4.72	5.65	6.71	7.74	8.52	9.24	8.32	7.30
-80	0.11	0.15	0.24	0.55	1.06	1.94	3.32	5.17	7.26	9.79	12.6	15.1	17.5	20.1	22.6	24.5	26.2	25.2	23.8
-75	0.11	0.17	0.43	1.09	2.27	4.76	8.07	11.8	15.8	20.4	25.2	29.6	33.7	38.0	42.2	45.3	47.8	47.2	45.8
-70	0.11	0.21	0.72	1.90	4.72	9.07	14.5	20.6	26.9	33.5	40.4	47.1	53.2	59.3	65.2	69.6	73.1	73.3	72.3
-65	0.11	0.26	1.09	3.36	7.97	14.3	22.3	30.6	39.2	48.3	57.6	66.7	75.2	83.2	90.7	96.6	101	102	102
-60	0.11	0.36	1.49	5.27	11.7	20.3	30.5	41.4	52.5	64.1	76.3	88.2	98.5	108	117	124	130	132	131
-55	0.11	0.45	2.20	7.47	15.8	26.6	39.0	52.3	66.3	80.5	95.3	110	123	135	146	155	162	164	161
-50	0.11	0.57	3.07	9.85	20.2	32.9	47.4	63.6	80.5	97.4	114	132	148	163	176	189	196	198	194
-45	0.11	0.71	4.02	12.3	24.5	39.1	55.8	74.7	95.1	114	135	156	176	194	213	231	243	246	240
-40	0.11	0.83	5.11	14.7	28.5	45.0	63.8	85.4	109	132	157	181	206	235	267	300	324	334	321
-35	0.11	0.95	6.13	17.2	32.3	50.5	71.5	95.2	121	150	177	206	242	293	351	416	474	498	470
-30	0.11	1.07	7.13	19.5	35.7	55.4	78.5	104	132	164	195	232	284	370	483	614	743	816	767
-25	0.11	1.17	8.01	21.7	38.9	59.5	84.3	112	143	176	211	260	339	471	677	909	1150	1318	1279
-20	0.11	1.25	8.84	23.5	41.8	63.4	88.9	119	151	186	226	289	404	597	906	1308	1729	2126	2104
-15	0.11	1.31	9.49	24.9	44.2	67.2	93.5	123	158	193	238	313	461	730	1157	1756	2521	3301	3379
-10	0.11	1.35	9.95	25.9	46.1	70.1	97.8	129	164	198	248	335	506	822	1370	2174	3291	4470	4855
-5	0.11	1.38	10.2	26.5	47.2	72.0	101	133	169	206	260	355	540	880	1455	2309	3579	4923	5689
0	0.11	1.38	10.3	26.7	47.6	72.8	102	135	172	211	268	373	579	967	1605	2541	3876	5174	5780
5	0.11	1.36	10.1	26.2	46.7	71.3	99.9	132	169	208	261	358	546	892	1443	2236	3257	4241	4214
10	0.11	1.33	9.68	25.3	45.1	68.8	96.3	127	163	200	249	333	494	778	1194	1732	2377	2936	2851
15	0.11	1.27	9.11	24.0	42.8	65.2	91.3	121	155	190	234	302	422	621	921	1265	1607	1911	1810
20	0.11	1.20	8.36	22.2	39.9	60.7	85.1	112	144	177	214	265	348	479	660	855	1038	1204	1093
25	0.11	1.11	7.45	20.2	36.6	55.8	78.3	103	130	161	192	230	286	361	453	548	638	724	646
30	0.11	1.00	6.52	17.9	33.0	50.6	70.8	92.9	116	143	169	199	235	276	321	365	409	448	404
35	0.11	0.88	5.48	15.5	29.1	45.0	62.7	81.9	102	124	148	171	195	220	244	266	286	300	280
40	0.11	0.75	4.46	13.0	24.9	38.9	54.2	70.6	87.9	106	126	145	163	181	196	208	219	223	213
45	0.11	0.62	3.40	10.4	20.5	32.7	45.6	59.2	73.9	89.5	106	121	135	150	162	171	178	179	173
50	0.11	0.48	2.54	8.00	16.3	26.4	37.0	48.2	60.2	73.0	85.6	97.2	109	120	131	139	145	145	139
55	0.11	0.36	1.79	5.74	12.1	20.0	28.6	37.5	47.3	57.5	66.9	76.1	85.2	93.8	102	108	113	112	108
60	0.11	0.29	1.22	3.77	8.25	14.1	20.6	27.5	35.1	42.6	49.6	56.3	63.3	69.4	75.0	79.9	83.8	82.5	78.4
65	0.11	0.22	0.85	2.22	5.04	8.86	13.3	18.4	23.9	29.2	34.1	39.3	44.2	48.5	52.2	55.6	58.5	56.9	53.5
70	0.11	0.17	0.50	1.22	2.62	4.75	7.34	10.6	14.3	17.6	20.9	24.4	27.9	30.8	33.1	35.5	37.5	35.9	33.2
75	0.11	0.13	0.28	0.66	1.18	2.01	3.15	4.72	6.54	8.35	10.1	12.1	14.1	15.9	17.3	18.9	20.3	18.7	16.5
80	0.11	0.11	0.17	0.27	0.48	0.73	0.98	1.42	1.96	2.45	3.03	3.74	4.49	5.17	5.84	6.54	7.12	6.00	4.66
85	0.11	0.11	0.11	0.13	0.16	0.18	0.22	0.27	0.35	0.41	0.45	0.52	0.59	0.65	0.70	0.77	0.83	0.59	0.34
90	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14

C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
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NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: μ A10cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	0.43	0.22	0.22	0.22	0.23	0.24	0.24	0.24	0.23	0.22	0.21	0.20	0.20	0.20	0.20	0.19	0.19	0.18	
-85	5.93	4.52	4.43	4.27	3.88	3.46	3.02	2.62	2.18	1.74	1.41	1.16	0.91	0.71	0.54	0.37	0.26	0.18	
-80	21.3	18.6	18.0	17.1	15.6	14.0	12.3	10.5	8.47	6.68	5.22	3.85	2.62	1.66	1.08	0.69	0.33	0.18	
-75	42.5	39.0	37.8	36.0	33.4	30.3	26.7	23.0	19.2	15.4	12.2	9.05	6.09	3.67	1.99	1.06	0.47	0.18	
-70	67.9	63.2	61.5	58.7	54.5	49.8	44.4	38.4	32.5	26.7	21.4	16.1	11.1	6.82	3.62	1.58	0.64	0.18	
-65	96.6	91.3	89.0	84.8	78.5	71.8	64.3	56.2	48.0	39.8	32.3	24.6	17.2	10.9	5.86	2.32	0.80	0.18	
-60	126	120	117	111	103	94.9	85.7	75.5	64.5	54.2	44.1	33.9	24.2	15.5	8.50	3.36	0.97	0.18	
-55	155	148	144	137	128	118	107	94.8	82.1	69.3	56.6	43.5	31.4	20.5	11.4	4.64	1.12	0.18	
-50	186	179	173	165	155	141	128	114	99.2	84.5	68.9	53.1	38.7	25.9	14.6	5.98	1.32	0.18	
-45	225	214	206	195	181	164	149	132	116	98.8	81.0	62.8	46.0	30.9	17.7	7.31	1.53	0.18	
-40	292	273	256	235	213	191	170	151	132	112	92.6	72.2	53.0	35.9	20.8	8.75	1.72	0.18	
-35	407	377	340	300	261	224	194	170	148	125	103	81.0	59.6	40.7	23.7	10.1	1.95	0.18	
-30	630	573	490	410	332	268	222	190	163	138	114	89.4	66.0	45.0	26.2	11.3	2.24	0.18	
-25	1034	918	749	587	430	324	255	208	176	149	122	96.8	71.7	48.4	28.5	12.3	2.48	0.18	
-20	1700	1436	1128	817	564	395	289	226	187	158	130	103	76.2	51.4	30.3	13.3	2.68	0.18	
-15	2743	2205	1592	1097	722	466	322	244	197	165	136	108	79.4	53.6	31.7	14.0	2.84	0.18	
-10	4111	3156	2162	1397	858	532	355	259	205	170	140	111	81.4	55.0	32.6	14.5	2.94	0.18	
-5	5214	3984	2605	1629	978	582	376	268	209	173	142	112	82.4	55.6	33.1	14.7	2.99	0.18	
0	5445	4176	2734	1681	998	587	378	268	209	173	142	112	82.2	55.5	33.1	14.8	3.00	0.18	
5	3719	3043	2188	1439	882	538	355	257	203	169	138	110	80.7	54.6	32.6	14.5	2.96	0.18	
10	2532	2153	1630	1138	736	471	322	240	194	163	133	106	78.0	53.0	31.6	14.1	2.87	0.18	
15	1615	1436	1151	840	566	393	286	222	184	155	127	100	74.4	50.7	30.3	13.5	2.74	0.18	
20	990	907	754	585	430	319	248	203	172	145	119	93.6	69.7	47.7	28.5	12.6	2.57	0.18	
25	592	552	487	402	325	261	215	184	158	133	109	86.0	64.1	44.1	26.3	11.6	2.35	0.18	
30	375	357	331	290	250	216	187	164	141	119	98.9	77.8	57.9	40.2	23.8	10.4	2.10	0.18	
35	267	257	244	225	202	182	162	143	123	105	86.9	68.8	51.4	35.6	21.1	9.14	1.81	0.18	
40	207	201	194	183	168	153	138	122	105	90.1	74.7	59.2	44.6	30.8	18.3	7.79	1.59	0.18	
45	169	164	158	149	138	126	114	102	88.9	75.4	62.7	49.9	37.6	25.8	15.2	6.39	1.42	0.18	
50	135	130	124	117	110	101	92.0	82.7	72.4	61.6	50.8	40.6	30.6	20.8	12.2	5.11	1.23	0.18	
55	104	99.3	94.7	90.3	85.3	78.8	71.3	64.4	56.4	48.2	39.7	31.7	23.7	16.0	9.27	3.86	1.05	0.18	
60	75.4	71.9	69.1	66.0	62.6	58.1	52.7	47.2	41.8	35.6	29.2	23.1	17.2	11.5	6.56	2.70	0.91	0.18	
65	51.2	48.5	46.8	44.8	42.6	39.5	35.8	32.0	28.2	24.1	19.5	15.2	11.3	7.54	4.28	1.85	0.75	0.18	
70	31.5	29.4	28.3	26.9	25.4	23.6	21.3	18.9	16.6	14.1	11.3	8.62	6.45	4.31	2.44	1.30	0.60	0.18	
75	15.2	13.6	13.1	12.2	11.7	10.9	9.76	8.53	7.51	6.32	5.09	3.89	2.97	1.99	1.35	0.93	0.43	0.18	
80	4.00	3.29	3.20	3.02	2.95	2.84	2.56	2.28	2.08	1.87	1.57	1.25	1.14	0.97	0.79	0.61	0.30	0.18	
85	0.28	0.22	0.23	0.23	0.27	0.29	0.30	0.31	0.36	0.36	0.37	0.37	0.38	0.39	0.37	0.31	0.26	0.18	
90	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.21	0.24	0.21	0.18	

C Range: 0 - 360DEG
C Interval: 10.0DEG
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-200WATT-x1625D 30°