

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	382.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	150.8V x 150.8H
	At 50% of Imax	108.9V x 110.2H
	At 90% of Imax	48.6V x 49.8H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	983.5 lumens per klm.
	To 50% of Imax	753.0 lumens per klm.
	To 90% of Imax	213.4 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

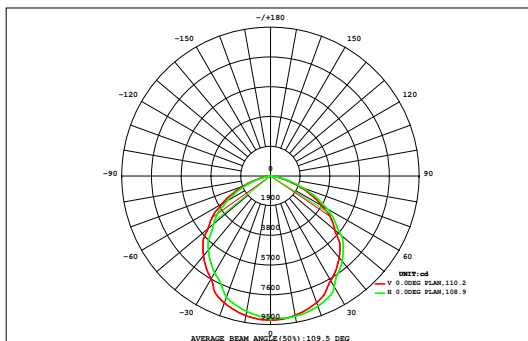
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10/05/2021

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-(LENS SZ)

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.42V I:0.9050A P:204.83W PF:0.9823 Freq:50.01Hz Lamp Flux:24059.8x1 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:117.47lm/W	
MODEL	KYH-Maxi	Imax (cd)	9207
NOMINAL POWER (W)	200	AVAILABILITY (%)	98.3
RATED VOLTAGE (V)	230.0	Avai. FLUX (lm)	23658
NOMINAL FLUX (lm)	24059.8	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	24060
TEST VOLTAGE (V)	230	θ @50% (H,V)	110,109DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.01	0.05	0.16	0.35	0.69	1.13	1.54	1.80	1.85	1.72	1.50	1.17	0.81	0.51	0.30	0.16	0.07	0.01	13.8	0.00
90	0.01	0.05	0.16	0.35	0.69	1.13	1.54	1.80	1.85	1.72	1.50	1.17	0.81	0.51	0.30	0.16	0.07	0.01	13.8	0.00
80	0.02	0.23	1.22	3.85	8.37	14.0	19.7	23.5	25.2	24.5	21.5	16.9	11.6	6.73	3.12	1.03	0.24	0.03	182	72.5
70	0.04	0.80	4.85	14.0	27.8	43.2	57.3	67.2	72.2	71.8	64.7	53.1	38.8	24.4	12.2	4.25	0.74	0.05	558	523
60	0.08	1.97	10.8	28.4	52.4	76.8	98.9	114	122	122	111	94.0	71.5	47.7	25.6	9.77	1.82	0.08	989	972
50	0.12	3.58	17.7	43.1	75.4	108	135	156	166	166	154	130	103	70.3	39.6	16.3	3.32	0.13	1388	1378
40	0.19	5.24	24.2	56.8	94.9	134	165	190	202	202	188	160	128	89.8	52.7	22.5	4.91	0.20	1721	1714
30	0.26	6.79	29.8	67.6	112	154	190	218	231	230	215	186	147	107	63.4	28.1	6.39	0.26	1993	1987
20	0.32	8.03	34.3	76.2	125	172	213	244	259	257	241	209	165	120	72.1	32.4	7.58	0.32	2236	2231
10	0.35	8.79	36.8	80.8	132	180	223	256	272	270	253	221	175	128	77.2	34.9	8.32	0.36	2357	2352
0	0.35	8.88	37.1	81.3	133	180	224	257	274	277	261	227	179	131	78.5	35.4	8.44	0.36	2392	2388
-10	0.32	8.30	35.2	78.1	128	176	220	253	270	272	256	222	175	127	75.9	33.9	7.90	0.33	2338	2334
-20	0.27	7.16	31.3	71.9	120	167	208	241	258	259	242	208	164	117	69.0	30.2	6.83	0.27	2201	2195
-30	0.20	5.62	25.7	61.1	103	147	183	212	227	228	212	181	143	99.9	57.8	24.6	5.32	0.21	1916	1909
-40	0.13	3.84	19.1	47.7	84.3	123	155	182	197	197	182	153	119	80.5	44.9	18.0	3.59	0.14	1611	1602
-50	0.08	2.14	12.0	32.4	60.0	90.1	117	137	150	149	137	113	85.7	55.7	29.7	11.0	2.01	0.09	1184	1170
-60	0.05	0.88	5.58	16.7	33.1	53.0	71.3	85.7	93.8	93.3	82.8	67.1	48.5	29.7	14.7	4.93	0.84	0.05	702	673
-70	0.02	0.27	1.49	4.91	10.8	18.6	26.6	33.1	36.9	36.3	31.1	23.6	15.8	8.93	4.04	1.29	0.26	0.03	254	158
-80	0.01	0.07	0.21	0.50	1.02	1.79	2.64	3.38	3.78	3.59	2.87	2.02	1.29	0.76	0.39	0.18	0.06	0.01	24.6	0.00
-90	0.01	0.07	0.21	0.50	1.02	1.79	2.64	3.38	3.78	3.59	2.87	2.02	1.29	0.76	0.39	0.18	0.06	0.01	24.6	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	2.84	72.6	328	765	1301	1840	2311	2677	2862	2859	2657	2267	1771	1244	721	309	68.6	2.93	24060	---
Φ a	0.00	40.0	302	742	1278	1817	2288	2654	2840	2836	2634	2243	1748	1220	697	283	35.1	0.00	---	23658

one-half-peak spread: U:50.9,D:51.6 , L:55.0,R:55.8

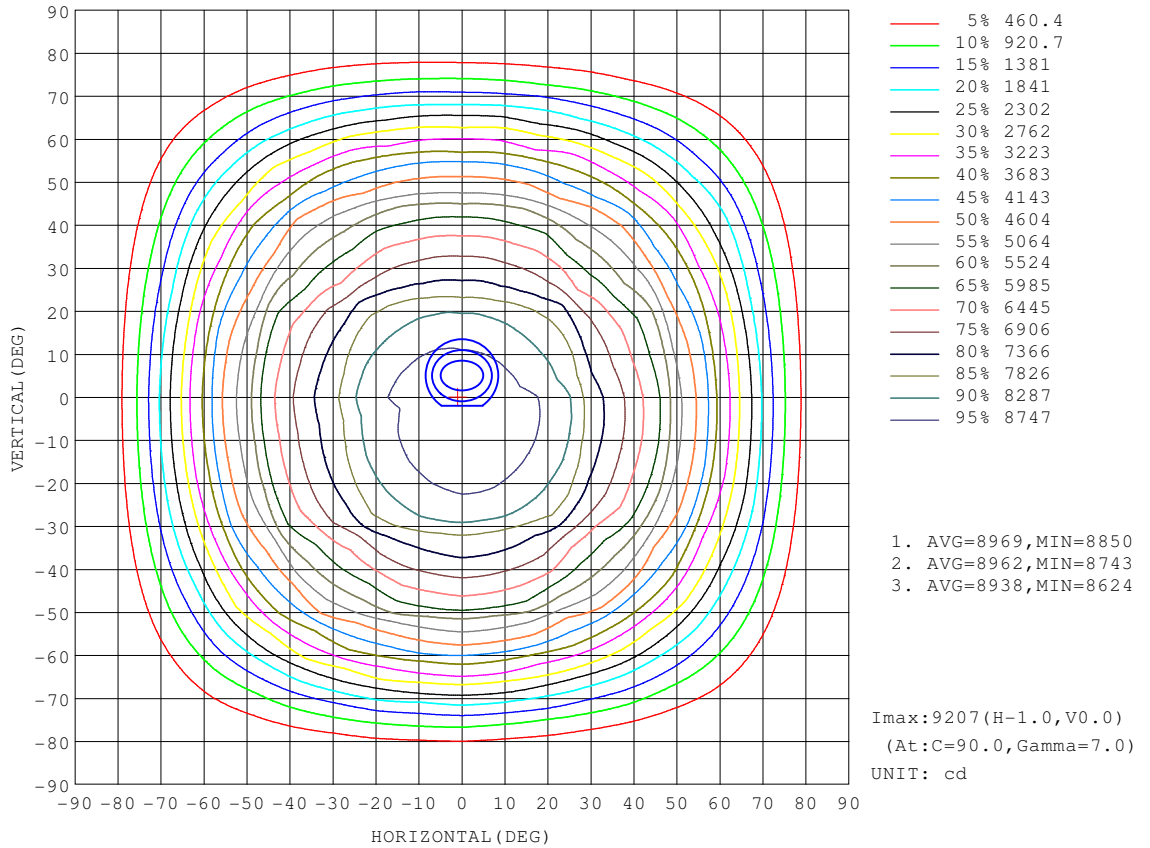
NEMA Beam Type: Type 7

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-(LENSSÝZ)

ISOCANDELA DIAGRAM

Test:U:230.42V I:0.9050A P:204.83W PF:0.9823 Freq:50.01Hz Lamp Flux:24059.8x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

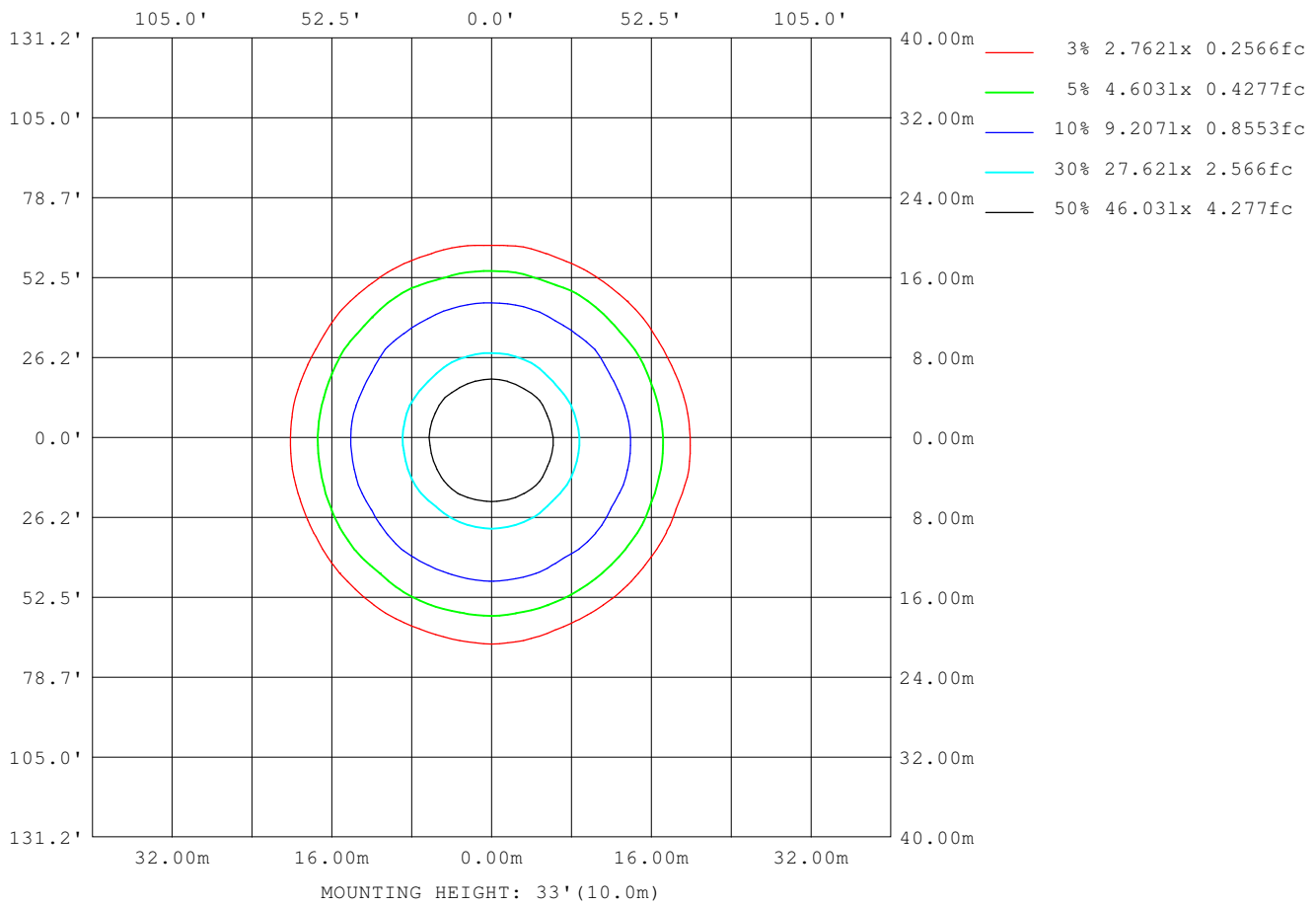


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Test Speed: HIGH
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: KYH-200WATT-(LENSSÝZ)

ISOLUX DIAGRAM

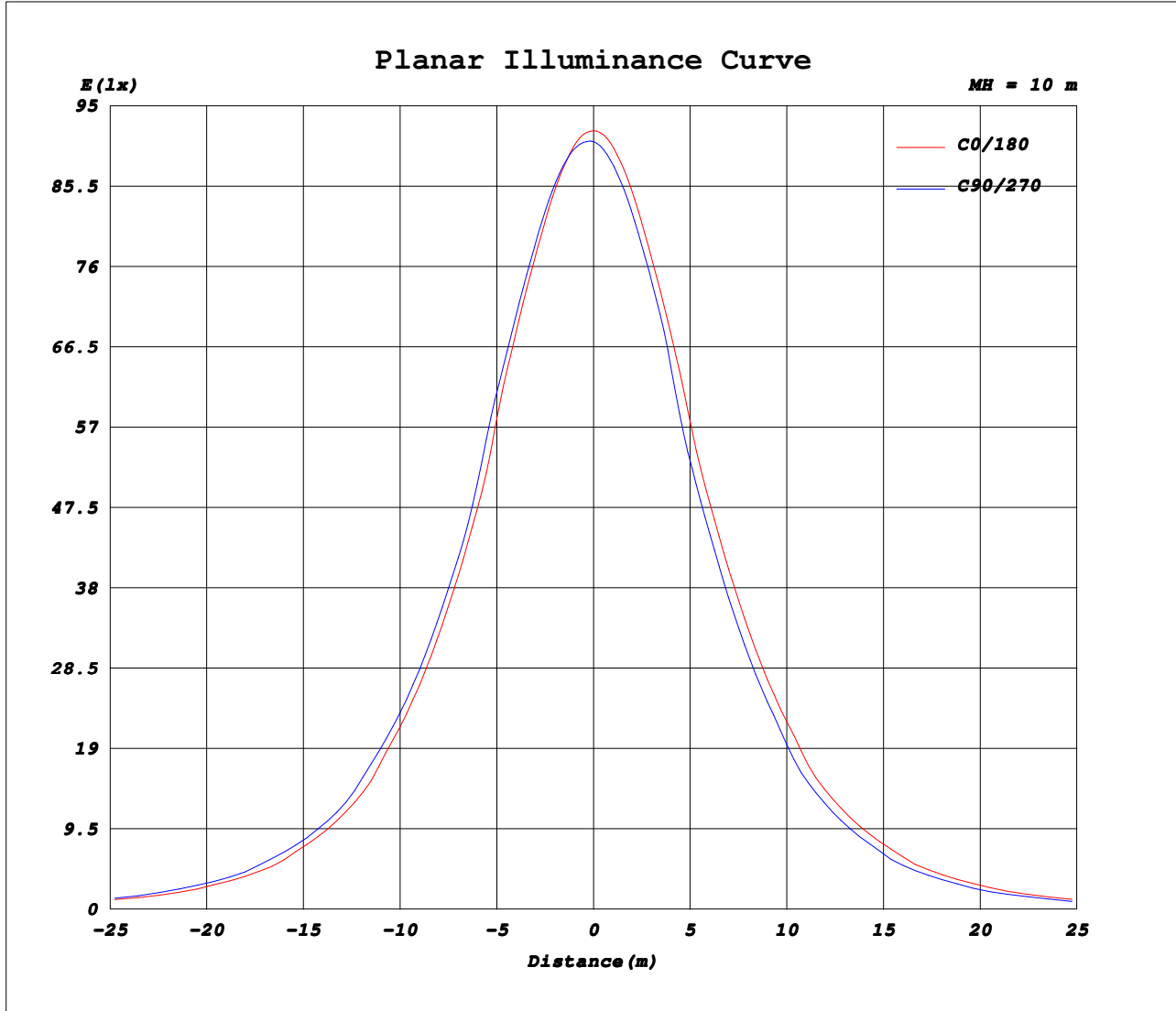
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SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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]
Remarks: KYH-200WATT-(LENSSÝZ)

Planar Illuminance Curve

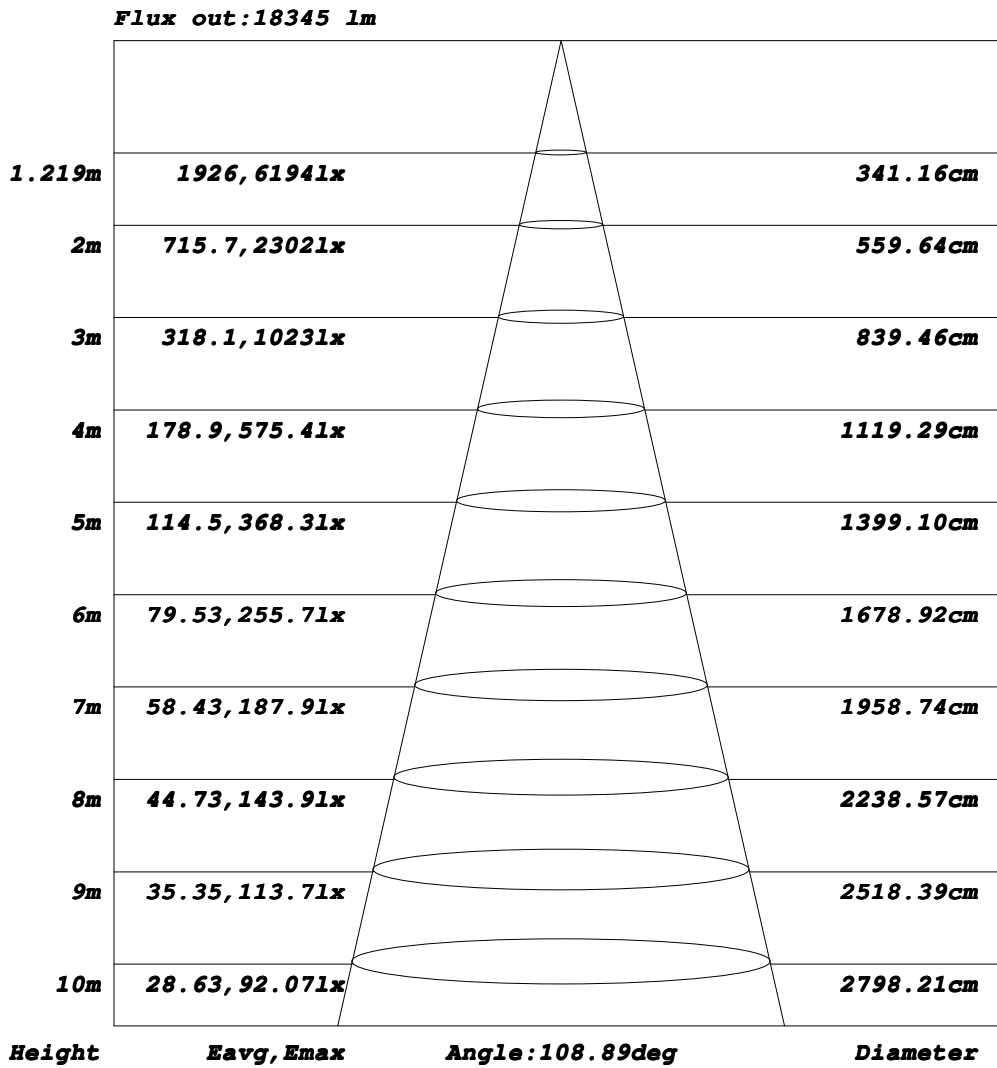


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10/05/2021

γ Range: 0 - 90DEG
 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-(LENSŞÝZ)

AAI Figure

Test:U:230.42V I:0.9050A P:204.83W PF:0.9823 Freq:50.01Hz Lamp Flux:24059.8x1 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-(LENSSÝZ)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.42V I:0.9050A P:204.83W PF:0.9823 Freq:50.01Hz Lamp Flux:24059.8x1 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: 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	2.36	2.86	3.36	3.35	3.34	3.59	3.83	4.19	4.56	4.72	4.89	5.10	5.31	5.45	5.59	5.66	5.72	5.58	5.44
-85	2.36	4.24	6.30	7.76	9.55	12.8	17.7	21.6	26.1	31.9	37.8	42.7	48.3	54.7	60.1	60.6	59.6	60.1	60.0
-80	2.36	5.59	8.47	15.5	25.4	38.0	52.6	81.5	114	154	208	251	296	346	391	414	429	448	460
-75	2.36	6.61	14.8	30.2	50.3	95.6	173	255	349	472	594	711	836	945	1044	1101	1151	1203	1240
-70	2.36	7.45	24.0	49.5	110	226	380	547	736	936	1163	1356	1561	1737	1909	1999	2066	2139	2169
-65	2.36	9.11	34.5	83.7	216	406	647	928	1221	1531	1834	2099	2373	2573	2811	2961	3067	3153	3208
-60	2.36	12.9	46.5	149	349	620	996	1388	1739	2188	2559	2945	3214	3529	3686	3861	3995	4124	4165
-55	2.36	16.4	59.8	226	507	905	1351	1834	2338	2717	3238	3559	3932	4245	4458	4658	4829	4942	5008
-50	2.36	20.2	85.2	317	690	1182	1710	2308	2858	3404	3876	4384	4763	5047	5312	5607	5723	5839	5893
-45	2.36	23.9	118	417	879	1442	2067	2718	3300	3951	4379	4964	5364	5651	5931	6249	6410	6515	6582
-40	2.36	27.3	156	523	1076	1716	2370	3101	3833	4352	4945	5461	5835	6146	6476	6764	6934	7043	7113
-35	2.36	30.7	192	633	1248	1943	2643	3466	4235	4703	5454	5862	6267	6551	6955	7206	7372	7484	7555
-30	2.36	34.2	227	734	1414	2174	3008	3799	4567	5146	5984	6349	6813	7132	7568	7826	7998	8085	8151
-25	2.36	37.1	259	806	1533	2388	3267	4153	4855	5524	6269	6742	7145	7541	8002	8243	8429	8550	8627
-20	2.36	39.5	292	871	1694	2560	3448	4373	5041	5819	6459	6948	7359	7800	8225	8463	8653	8785	8846
-15	2.36	41.4	317	940	1796	2670	3577	4510	5179	6029	6606	7089	7501	7988	8386	8629	8817	8946	9018
-10	2.36	42.6	335	988	1854	2746	3671	4620	5283	6154	6706	7181	7587	8085	8475	8725	8907	9030	9107
-5	2.36	43.3	345	1017	1888	2792	3727	4689	5356	6241	6785	7250	7630	8136	8497	8734	8933	9053	9120
0	2.36	43.5	348	1025	1898	2808	3745	4712	5382	6279	6829	7311	7712	8251	8606	8847	9045	9169	9207
5	2.36	43.1	343	1006	1865	2769	3704	4658	5320	6202	6746	7215	7614	8128	8490	8729	8898	8994	8964
10	2.36	42.2	331	967	1808	2695	3625	4559	5213	6076	6618	7083	7476	7978	8322	8543	8713	8800	8789
15	2.36	40.7	311	911	1730	2586	3509	4415	5044	5897	6453	6906	7280	7738	8100	8311	8475	8557	8551
20	2.36	38.7	284	838	1611	2439	3347	4188	4790	5630	6167	6599	7010	7429	7797	8013	8163	8247	8246
25	2.36	36.1	250	769	1441	2274	3139	3892	4486	5182	5760	6147	6523	6868	7192	7402	7527	7589	7563
30	2.36	33.0	217	693	1313	2064	2876	3538	4200	4752	5361	5759	6092	6405	6741	6937	7056	7139	7141
35	2.36	29.4	181	599	1149	1831	2539	3207	3889	4362	4974	5388	5701	5965	6299	6496	6614	6691	6692
40	2.36	25.9	147	494	979	1592	2255	2850	3522	3985	4548	4965	5254	5529	5826	5997	6113	6185	6182
45	2.36	22.6	114	391	814	1319	1935	2444	2972	3507	3928	4362	4710	4910	5158	5376	5489	5543	5511
50	2.36	18.9	81.5	292	645	1072	1557	2017	2514	2991	3345	3741	4020	4239	4431	4605	4710	4765	4769
55	2.36	15.2	55.4	205	472	825	1184	1645	1994	2458	2791	3072	3398	3647	3798	3947	4066	4109	4107
60	2.36	11.8	42.1	137	315	562	856	1172	1526	1850	2165	2404	2670	2865	2970	3069	3178	3224	3226
65	2.36	8.23	30.3	77.0	193	350	552	768	1025	1284	1500	1700	1910	2042	2182	2275	2348	2374	2369
70	2.36	6.66	20.5	43.7	99.6	190	294	441	609	763	928	1075	1251	1336	1429	1498	1545	1568	1564
75	2.36	5.88	12.3	25.7	43.7	79.3	136	200	281	361	446	538	631	680	708	761	799	795	771
80	2.36	4.94	6.80	12.6	21.1	29.9	39.0	60.2	86.6	112	138	166	203	220	236	254	263	254	239
85	2.36	3.66	4.97	6.08	7.37	9.02	11.7	14.6	18.1	21.0	23.5	26.8	29.9	30.9	31.7	32.7	33.1	31.1	28.6
90	2.36	2.38	2.39	2.41	2.43	2.46	2.48	2.51	2.54	2.58	2.61	2.66	2.71	2.75	2.80	2.87	2.94	3.00	3.05

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Test Speed: HIGH
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Operators:LITPA
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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-(LENSSÝZ)

LUMINOUS DISTRIBUTION INTENSITY DATA

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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: cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	4.73	4.02	3.28	2.54	2.42	2.31	2.25	2.19	2.18	2.17	2.16	2.15	2.16	2.17	2.19	2.21	2.31	2.40	
-85	57.5	54.3	50.3	45.8	41.1	35.9	32.1	28.1	23.9	19.7	16.8	14.2	10.8	8.48	6.92	5.19	3.76	2.40	
-80	433	399	361	317	272	227	188	153	121	90.9	64.8	43.8	33.3	23.6	15.6	9.19	5.20	2.40	
-75	1179	1100	1011	903	816	695	603	493	378	290	209	142	83.9	45.7	30.1	16.2	7.02	2.40	
-70	2096	2001	1887	1737	1581	1408	1215	1013	822	629	460	312	194	105	47.3	25.6	8.96	2.40	
-65	3144	3014	2854	2657	2431	2166	1926	1624	1393	1068	818	566	353	195	82.7	36.0	11.4	2.40	
-60	4076	3923	3729	3494	3300	3027	2719	2361	1995	1594	1262	885	563	312	142	46.3	15.2	2.40	
-55	4946	4841	4697	4422	4097	3827	3394	3044	2540	2127	1705	1248	813	468	218	62.8	18.8	2.40	
-50	5804	5666	5511	5173	4794	4575	4129	3699	3154	2695	2086	1599	1100	635	303	88.2	22.8	2.40	
-45	6529	6422	6252	5903	5536	5222	4850	4233	3779	3132	2573	1940	1362	807	394	119	26.7	2.40	
-40	7059	6951	6779	6547	6104	5698	5315	4823	4195	3651	2944	2251	1626	1012	492	155	30.3	2.40	
-35	7512	7405	7229	6965	6491	6104	5720	5278	4552	4056	3228	2531	1855	1205	590	190	33.6	2.40	
-30	8061	7940	7737	7519	7075	6562	6179	5731	5030	4414	3542	2877	2108	1359	683	225	36.7	2.40	
-25	8585	8474	8288	8057	7579	7040	6613	6133	5440	4716	3973	3121	2327	1477	756	255	39.4	2.40	
-20	8824	8715	8533	8297	7906	7292	6857	6354	5785	4919	4240	3312	2472	1622	818	285	41.6	2.40	
-15	9000	8892	8712	8476	8142	7468	7018	6518	5964	5075	4400	3452	2570	1716	880	310	43.3	2.40	
-10	9105	9004	8834	8594	8262	7581	7136	6643	6083	5176	4488	3532	2633	1768	922	328	44.5	2.40	
-5	9156	9059	8883	8648	8329	7641	7188	6690	6123	5223	4532	3574	2668	1796	946	339	45.2	2.40	
0	9179	9060	8867	8635	8310	7608	7171	6674	6113	5208	4530	3578	2672	1800	951	343	45.4	2.40	
5	8917	8803	8626	8388	8063	7415	7006	6536	5997	5120	4456	3525	2633	1763	935	337	45.1	2.40	
10	8751	8635	8453	8224	7908	7255	6841	6371	5832	4979	4340	3437	2563	1705	902	323	44.2	2.40	
15	8517	8407	8228	8004	7658	7055	6660	6198	5666	4795	4183	3314	2461	1626	852	303	42.9	2.40	
20	8209	8090	7915	7681	7284	6772	6329	5913	5410	4545	3940	3147	2322	1510	783	275	41.1	2.40	
25	7549	7440	7293	7074	6681	6278	5879	5511	4961	4241	3638	2945	2156	1346	720	240	38.7	2.40	
30	7120	7012	6870	6666	6247	5868	5516	5117	4521	3957	3258	2676	1937	1223	651	210	36.0	2.40	
35	6672	6568	6431	6201	5773	5475	5151	4750	4116	3647	2978	2344	1699	1081	558	177	32.8	2.40	
40	6168	6075	5936	5729	5341	5034	4731	4311	3742	3258	2658	2077	1486	913	462	146	29.4	2.40	
45	5515	5437	5273	4996	4698	4477	4136	3689	3278	2769	2247	1778	1213	744	367	116	25.9	2.40	
50	4749	4677	4555	4312	4054	3823	3524	3118	2781	2302	1848	1418	976	588	275	82.7	22.1	2.40	
55	4089	4014	3828	3629	3466	3176	2870	2546	2211	1815	1441	1070	742	422	191	56.9	18.4	2.40	
60	3214	3147	2982	2836	2706	2475	2211	1956	1645	1355	1045	762	502	285	127	43.7	14.9	2.40	
65	2362	2314	2186	2050	1896	1738	1528	1346	1116	908	669	482	306	171	72.8	33.3	11.3	2.40	
70	1545	1490	1413	1325	1209	1076	935	788	638	509	370	255	161	85.8	43.4	23.8	9.10	2.40	
75	763	742	700	636	577	503	434	350	284	222	158	105	65.7	41.3	27.5	15.5	7.45	2.40	
80	241	237	214	192	172	149	125	102	79.9	64.1	46.6	34.3	28.0	21.5	14.7	9.45	5.86	2.40	
85	29.0	29.1	27.2	25.0	23.8	22.3	19.8	17.5	16.5	14.9	12.8	11.1	9.48	8.49	7.60	6.53	4.46	2.40	
90	3.09	3.13	3.17	3.21	3.25	3.30	3.34	3.38	3.43	3.48	3.51	3.55	3.60	3.64	3.67	3.69	3.05	2.40	

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-(LENSŞÝZ)