

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		4860.6 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	34.3V x 34.4H 19.7V x 20.1H 9.1V x 9.8H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	1000.7 lumens per klm. 554.4 lumens per klm. 348.7 lumens per klm. 106.3 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.1 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

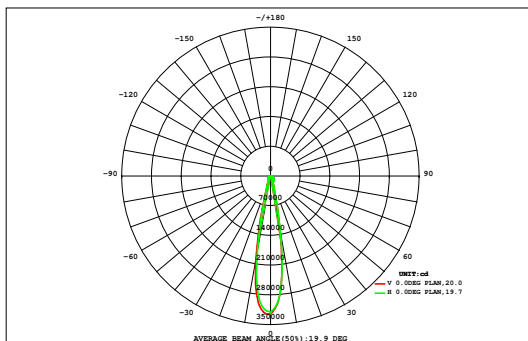
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**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 06/12/2021**

**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-XL 550W 4000K**

### LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.46V I:0A P:0W PF:0.0000 Freq:50.01Hz Lamp Flux:66995.5x1 lm		
NAME: KYH-XL	TYPE:OUTDOOR	WEIGHT:28 kg
SPEC.:550 WATT	DIM.: 540X660X70	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL	KYH-XL	Imax (cd)	325637
NOMINAL POWER (W)	550	AVAILABILITY (%)	55.3
RATED VOLTAGE (V)	230.0	Avai. FLUX (lm)	37079
NOMINAL FLUX (lm)	66995.5	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	66995
TEST VOLTAGE (V)	230	θ @50% (H, V)	20,20DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.02	0.09	0.27	0.63	1.24	2.10	3.12	4.08	4.83	5.14	4.76	3.90	2.87	1.87	1.02	0.46	0.17	0.04		
80	0.03	0.36	1.75	4.99	10.2	17.0	24.3	30.6	34.9	35.9	32.8	27.0	19.8	12.5	6.49	2.59	0.65	0.07	262	0.00
70	0.06	1.08	5.49	14.9	29.5	47.5	66.4	81.2	90.8	92.0	83.2	69.6	50.9	32.4	17.2	6.99	1.67	0.13	691	0.00
60	0.11	2.23	11.0	28.5	55.5	87.1	119	142	157	159	145	121	90.0	58.9	31.2	13.0	3.11	0.23	1223	0.00
50	0.18	3.61	17.1	43.3	82.3	127	171	207	229	232	212	177	132	86.7	47.6	19.6	4.80	0.34	1793	0.00
40	0.25	4.99	22.7	57.4	107	165	224	277	311	315	286	235	174	113	63.2	26.4	6.58	0.46	2388	0.00
30	0.32	6.24	27.3	69.1	128	199	277	360	452	467	377	293	212	137	76.4	32.3	8.14	0.57	3123	0.00
20	0.37	7.17	30.9	77.1	143	225	328	599	1652	1887	706	354	243	155	85.9	36.6	9.34	0.66	6542	3322
10	0.40	7.65	32.9	81.4	151	239	373	1285	6387	7244	1859	428	258	165	91.5	39.0	10.0	0.71	18653	16237
0	0.40	7.65	33.0	81.3	151	242	375	1244	5977	6799	1860	431	256	164	91.7	39.0	10.1	0.72	17762	15315
-10	0.36	7.14	31.1	76.5	141	225	327	549	1273	1456	647	348	236	154	86.4	36.7	9.48	0.67	5604	2205
-20	0.31	6.19	27.2	66.9	123	194	272	348	414	426	361	282	205	136	76.2	32.3	8.36	0.59	2980	0.00
-30	0.24	4.87	21.5	54.2	101	156	215	264	294	297	271	224	168	113	62.9	26.5	6.84	0.49	2281	0.00
-40	0.17	3.39	15.5	39.6	75.5	117	159	192	212	214	199	168	129	86.5	47.9	20.1	5.10	0.37	1684	0.00
-50	0.10	2.02	9.62	25.2	48.4	77.7	106	127	142	144	134	115	88.4	58.1	32.0	13.3	3.34	0.25	1126	0.00
-60	0.06	0.93	4.68	12.7	25.1	41.0	56.9	68.8	78.2	79.9	74.8	63.2	48.0	31.2	17.2	7.10	1.79	0.15	612	0.00
-70	0.03	0.29	1.38	3.96	8.22	13.9	19.5	24.0	27.1	28.0	26.5	22.4	17.0	11.1	6.11	2.57	0.70	0.08	213	0.00
-80	0.01	0.07	0.18	0.41	0.81	1.35	1.91	2.38	2.76	2.99	3.00	2.64	2.08	1.45	0.88	0.46	0.19	0.04	23.6	0.00
-90	0.01	0.07	0.18	0.41	0.81	1.35	1.91	2.38	2.76	2.99	3.00	2.64	2.08	1.45	0.88	0.46	0.19	0.04	23.6	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	3.42	66.0	293	738	1382	2177	3116	5806	17738	19884	7282	3363	2334	1519	842	355	90.4	6.59	66995	---
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1973	14671	16835	3601	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	37079

one-half-peak spread: U:9.2,D:10.6 , L:9.9,R:10.2

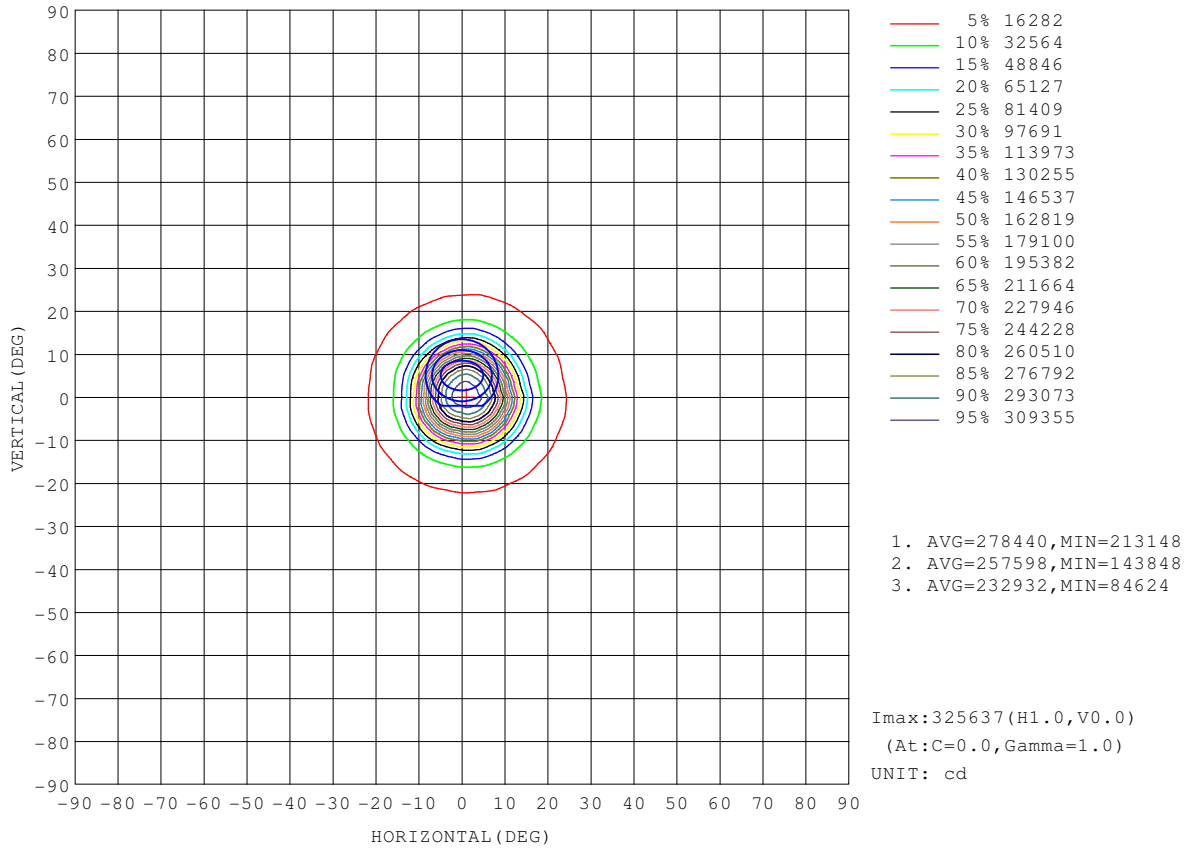
NEMA Beam Type: Type 3

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 20DEG  
 Operators: LITPA  
 Test Date: 06/12/2021

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-XL 550W 4000K

## ISOCANDELA DIAGRAM

Test:U:230.46V I:0A P:0W PF:0.0000 Freq:50.01Hz Lamp Flux:66995.5x1 lm		
NAME: KYH-XL	TYPE:OUTDOOR	WEIGHT:28 kg
SPEC.:550 WATT	DIM.: 540X660X70	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

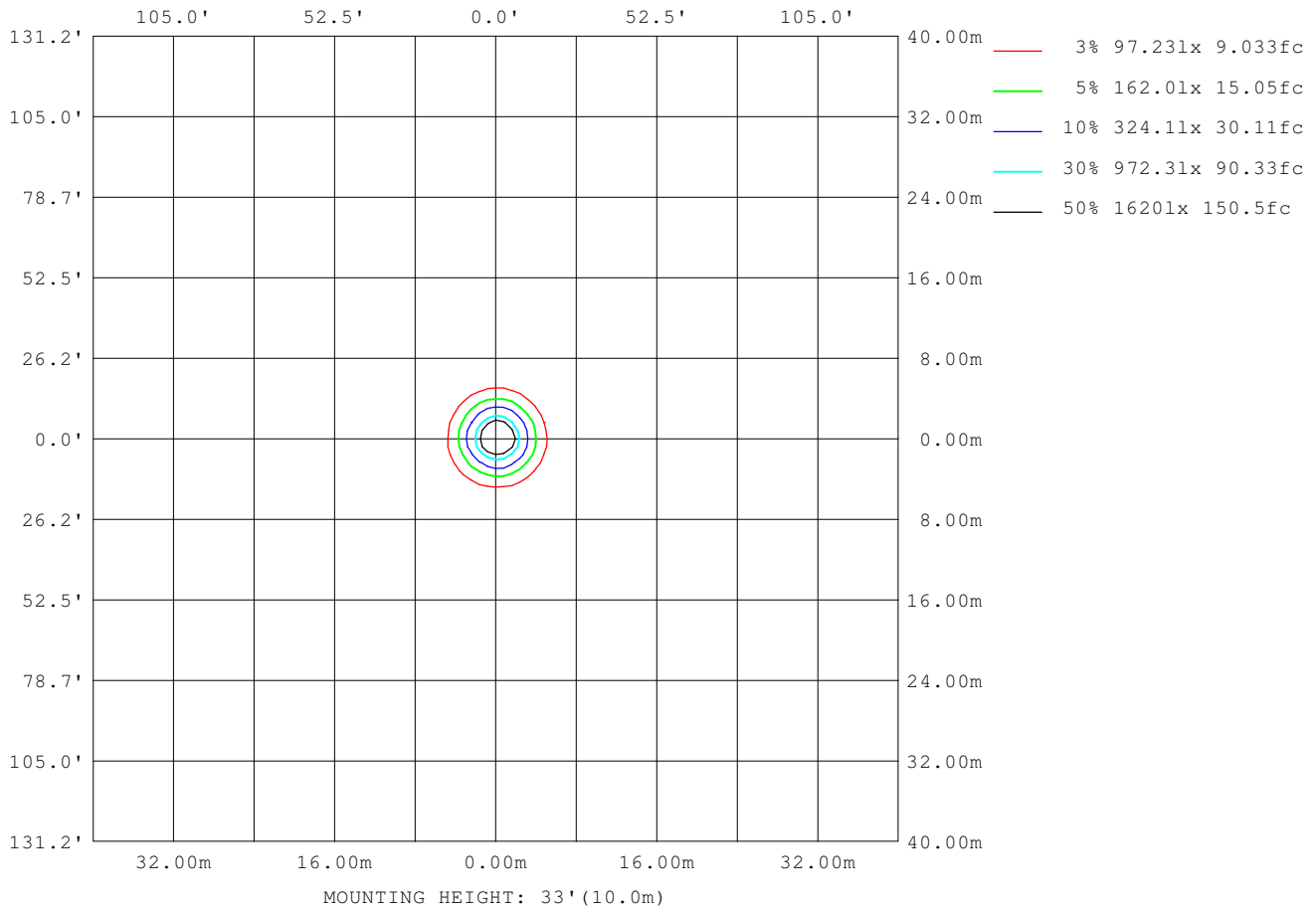


**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 06/12/2021**

**$\gamma$  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-XL 550W 4000K**

## ISOLUX DIAGRAM

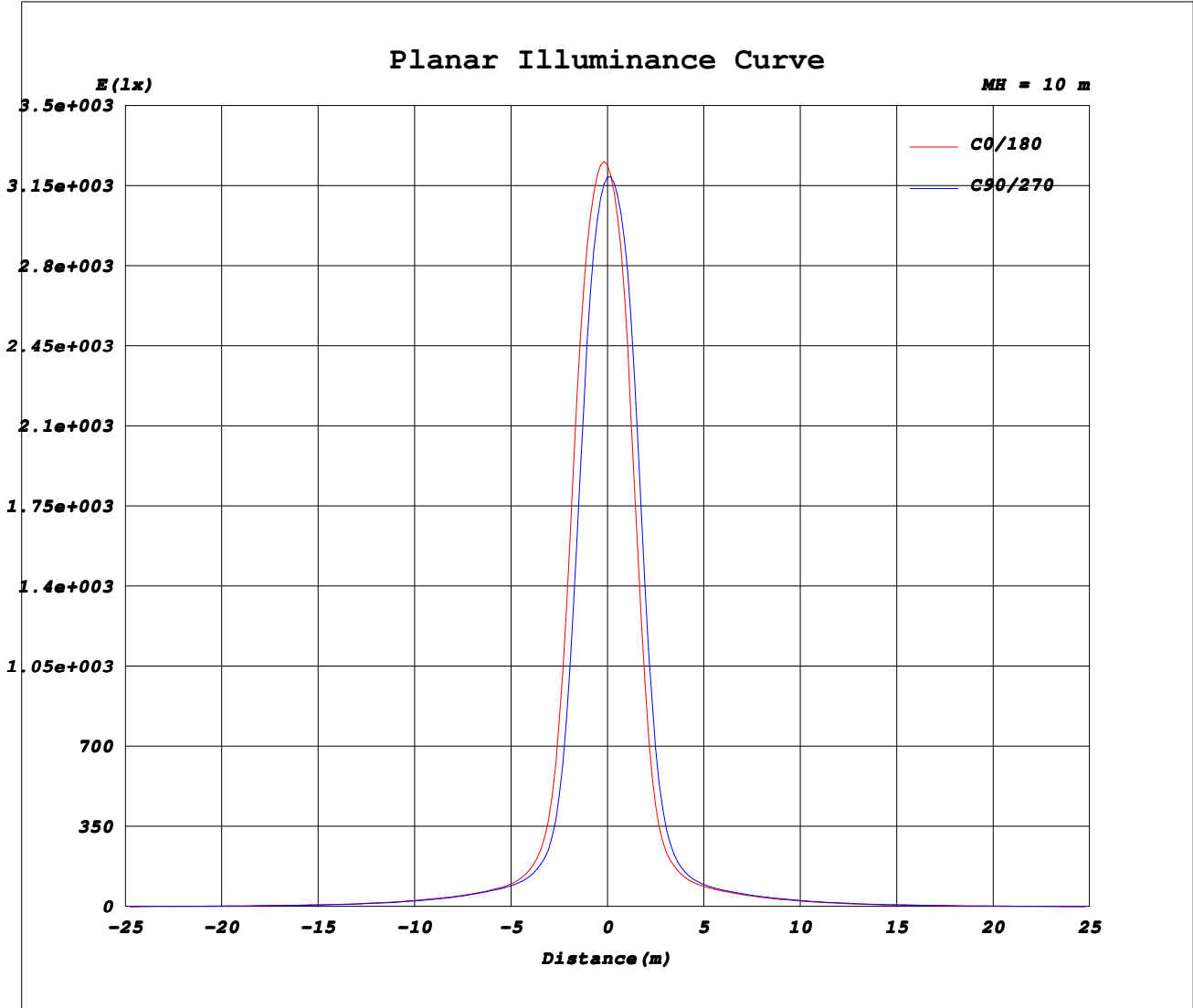
Test:U:230.46V I:0A P:0W PF:0.0000 Freq:50.01Hz Lamp Flux:66995.5x1 lm		
NAME: KYH-XL	TYPE:OUTDOOR	WEIGHT:28 kg
SPEC.:550 WATT	DIM.: 540X660X70	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 06/12/2021**

**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-XL 550W 4000K**

## Planar Illuminance Curve



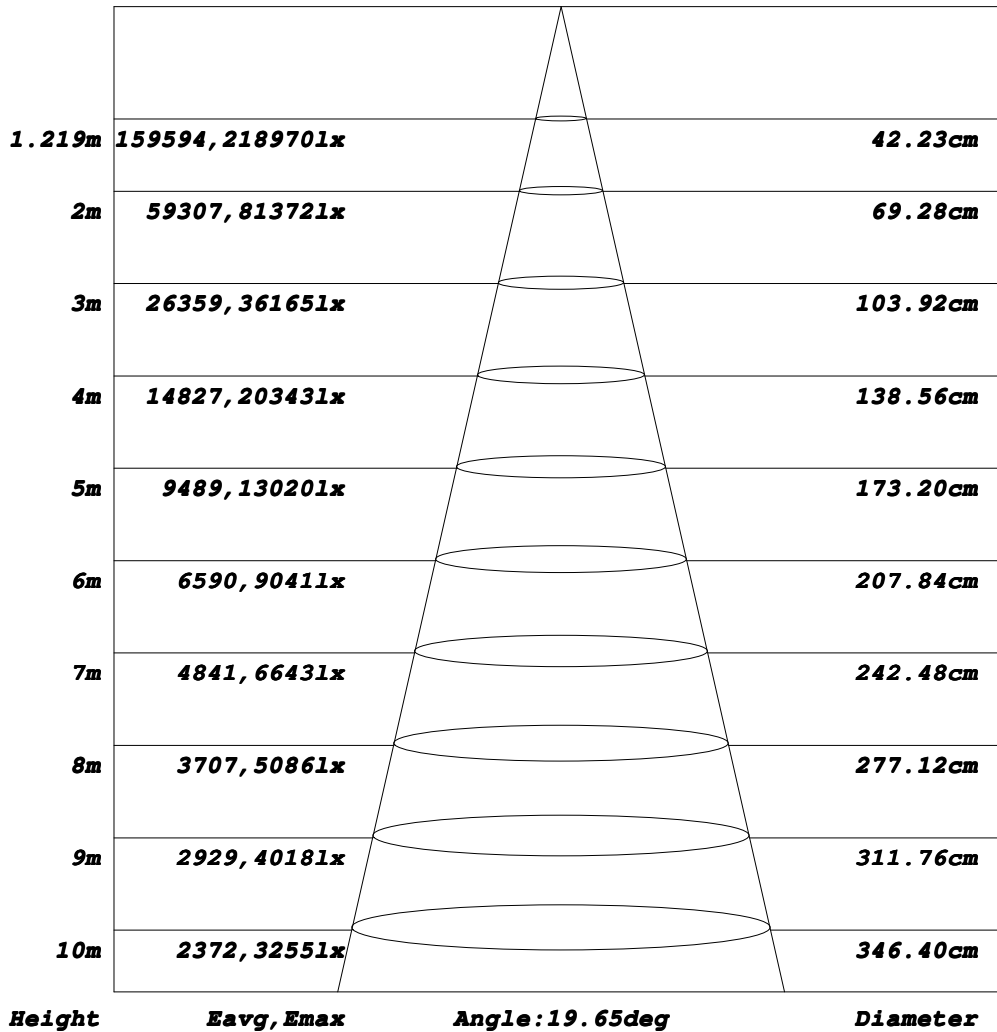
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: LITPA  
Test Date: 06/12/2021

$\gamma$  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-XL 550W 4000K

## AAI Figure

Test:U:230.46V I:0A P:0W PF:0.0000 Freq:50.01Hz Lamp Flux:66995.5x1 lm		
NAME: KYH-XL	TYPE:OUTDOOR	WEIGHT:28 kg
SPEC.:550 WATT	DIM.: 540X660X70	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Flux out:23171 lm



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:06/12/2021

$\gamma$  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-XL 550W 4000K

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.46V I:0A P:0W PF:0.0000 Freq:50.01Hz Lamp Flux:66995.5x1 lm		
NAME: KYH-XL	TYPE:OUTDOOR	WEIGHT:28 kg
SPEC.:550 WATT	DIM.: 540X660X70	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT:  $\mu$ A100cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.05	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
-85	0.05	0.05	0.06	0.07	0.09	0.11	0.14	0.17	0.21	0.24	0.28	0.32	0.37	0.41	0.44	0.47	0.48	0.52	0.56
-80	0.05	0.05	0.10	0.16	0.24	0.35	0.52	0.72	0.95	1.25	1.60	1.90	2.19	2.47	2.72	2.90	3.03	3.25	3.41
-75	0.05	0.07	0.17	0.31	0.55	0.94	1.48	2.11	2.76	3.59	4.52	5.31	5.99	6.71	7.28	7.86	8.27	8.65	8.88
-70	0.05	0.10	0.26	0.58	1.14	1.98	3.04	4.30	5.63	6.98	8.82	10.4	11.7	12.9	13.8	14.7	15.4	16.2	16.9
-65	0.05	0.13	0.39	1.01	2.00	3.43	5.20	7.02	9.18	11.6	13.9	16.2	18.5	20.5	21.6	23.3	24.7	25.8	26.5
-60	0.05	0.17	0.58	1.56	3.10	5.24	7.57	10.6	13.4	16.4	19.6	23.3	26.7	29.3	31.2	33.0	34.4	35.9	37.0
-55	0.05	0.20	0.82	2.23	4.45	7.09	10.6	14.2	18.0	21.9	27.0	31.1	34.9	38.4	41.0	43.3	45.1	46.8	48.1
-50	0.05	0.25	1.10	2.99	5.81	9.35	13.5	18.1	23.2	28.8	33.9	38.9	43.7	47.9	51.3	54.0	56.3	58.0	59.3
-45	0.05	0.29	1.39	3.84	7.23	11.7	16.5	22.1	29.0	34.9	40.8	46.9	52.6	57.7	61.8	65.2	67.8	69.7	70.9
-40	0.05	0.33	1.73	4.66	8.94	14.0	19.4	26.9	34.0	41.0	47.9	54.8	61.4	67.4	72.6	77.3	80.6	82.7	83.9
-35	0.05	0.37	2.05	5.45	10.5	16.1	22.8	30.7	38.7	46.9	54.7	62.3	70.2	78.0	84.3	89.8	94.3	96.7	98.2
-30	0.05	0.43	2.36	6.22	12.0	18.3	26.3	34.4	43.3	52.2	61.1	70.1	79.4	88.3	96.4	103	110	112	115
-25	0.05	0.47	2.63	6.93	13.1	20.5	29.0	37.9	47.4	57.2	67.1	77.9	88.2	98.7	109	117	126	132	137
-20	0.05	0.51	2.90	7.55	14.2	22.4	31.3	41.0	51.1	61.4	72.6	84.5	96.5	108	120	137	159	182	197
-15	0.05	0.54	3.11	8.09	15.0	23.6	33.2	43.5	54.2	65.2	77.3	90.0	104	118	136	173	241	338	419
-10	0.05	0.56	3.26	8.46	15.7	24.4	34.5	45.2	56.5	68.2	81.0	94.4	109	125	159	240	493	1024	1367
-5	0.05	0.58	3.36	8.66	16.0	24.9	35.2	46.2	57.7	69.8	82.6	96.7	112	133	182	341	1042	2202	2725
0	0.05	0.58	3.39	8.71	16.1	25.0	35.5	46.4	58.2	70.3	82.6	96.3	112	133	191	389	1297	2721	3241
5	0.05	0.58	3.37	8.65	16.0	24.7	35.3	46.2	57.9	70.0	82.2	95.5	110	130	183	359	1085	2357	2954
10	0.05	0.57	3.29	8.45	15.7	24.2	34.6	45.3	56.7	68.6	80.6	93.4	108	126	162	261	581	1256	1789
15	0.05	0.55	3.15	8.12	15.1	23.2	33.3	43.7	54.9	66.5	78.1	90.2	104	117	139	187	283	450	602
20	0.05	0.52	2.96	7.65	14.3	22.0	31.6	41.7	52.3	63.5	74.4	85.2	96.8	110	123	141	174	212	237
25	0.05	0.48	2.71	7.09	13.2	20.6	29.3	39.2	49.2	59.4	69.6	79.5	89.9	101	110	121	131	143	148
30	0.05	0.44	2.43	6.40	12.1	19.0	27.0	36.2	45.3	54.6	64.0	73.2	82.3	90.7	99.2	108	113	119	119
35	0.05	0.38	2.12	5.65	10.8	17.1	24.2	32.6	40.8	49.3	58.1	66.3	73.9	81.0	88.2	94.3	99.2	103	104
40	0.05	0.34	1.79	4.85	9.33	15.1	21.4	28.7	36.1	43.8	51.8	58.8	65.2	71.5	77.4	82.2	86.2	88.9	89.5
45	0.05	0.30	1.44	4.03	7.85	13.0	18.4	24.5	31.1	38.1	45.2	51.1	56.5	62.0	66.7	70.3	73.7	75.9	76.5
50	0.05	0.26	1.17	3.21	6.40	10.7	15.2	20.2	26.1	32.0	37.9	43.1	48.1	52.7	56.2	59.2	61.9	63.6	64.2
55	0.05	0.22	0.90	2.46	4.94	8.23	12.0	16.1	20.7	25.7	30.3	34.8	39.3	43.2	45.9	48.3	50.5	51.9	52.7
60	0.05	0.18	0.61	1.74	3.56	6.03	8.87	12.0	15.5	19.4	23.0	26.6	30.3	33.5	35.7	37.6	39.3	40.6	41.4
65	0.05	0.15	0.43	1.17	2.43	4.03	6.03	8.33	11.0	13.5	16.0	18.9	21.6	23.9	25.8	27.5	29.0	29.9	30.5
70	0.05	0.11	0.29	0.68	1.43	2.45	3.65	5.15	6.80	8.52	10.3	12.1	14.0	15.6	16.9	18.1	19.2	19.9	20.2
75	0.05	0.08	0.20	0.38	0.72	1.23	1.84	2.67	3.60	4.51	5.47	6.55	7.56	8.45	9.20	10.1	10.8	11.2	11.4
80	0.05	0.06	0.12	0.21	0.33	0.49	0.70	1.04	1.40	1.77	2.16	2.64	3.13	3.54	3.91	4.28	4.59	4.79	4.92
85	0.05	0.05	0.06	0.09	0.14	0.18	0.21	0.26	0.34	0.41	0.47	0.57	0.69	0.79	0.87	0.97	1.05	1.12	1.18
90	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
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 Operators: LITPA  
 Test Date: 06/12/2021

$\gamma$  Range: 0 - 90DEG  
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SPEC.:550 WATT	DIM.: 540X660X70	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT:  $\mu$ A100cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12
-85	0.58	0.60	0.64	0.66	0.63	0.58	0.56	0.54	0.49	0.42	0.38	0.34	0.29	0.25	0.22	0.18	0.15	0.12
-80	3.45	3.42	3.45	3.41	3.13	2.84	2.64	2.38	2.01	1.67	1.38	1.10	0.83	0.60	0.43	0.29	0.19	0.12
-75	8.97	8.91	8.85	8.62	7.91	7.21	6.60	5.87	4.93	4.10	3.33	2.60	1.86	1.24	0.80	0.46	0.24	0.12
-70	16.6	16.2	16.0	15.3	14.3	13.2	12.2	10.8	9.10	7.50	6.15	4.70	3.37	2.21	1.34	0.70	0.30	0.12
-65	26.3	25.9	25.5	24.6	22.9	21.0	19.2	16.7	14.3	12.0	9.70	7.44	5.30	3.49	2.06	1.01	0.36	0.12
-60	36.5	35.8	35.2	33.9	32.0	29.7	27.1	23.8	20.3	16.8	13.7	10.6	7.55	4.97	2.90	1.36	0.45	0.12
-55	47.5	46.6	45.6	43.9	41.5	38.9	35.6	31.3	26.7	22.4	18.2	13.9	10.1	6.62	3.85	1.80	0.54	0.12
-50	58.8	57.9	56.7	54.3	51.3	48.0	43.9	38.9	33.6	28.2	22.6	17.4	12.7	8.33	4.89	2.24	0.65	0.12
-45	70.6	69.6	67.7	64.5	60.9	56.8	51.9	46.2	40.1	33.7	27.1	20.8	15.3	10.1	5.96	2.67	0.76	0.12
-40	83.7	82.5	79.7	75.4	70.9	65.6	59.5	53.3	46.5	39.0	31.7	24.0	17.8	12.0	6.98	3.16	0.86	0.12
-35	98.0	96.3	92.2	86.9	81.1	74.5	67.3	60.2	52.6	44.1	35.7	27.2	20.2	13.7	7.94	3.62	0.97	0.12
-30	113	112	106	99.3	91.5	83.1	75.1	66.9	58.1	48.8	39.6	30.8	22.4	15.3	8.80	4.06	1.08	0.12
-25	135	130	121	113	102	91.9	82.3	72.8	63.1	53.0	43.3	33.9	24.4	16.6	9.63	4.44	1.17	0.12
-20	193	170	146	126	113	101	88.7	77.9	67.5	57.0	46.5	36.3	26.1	17.8	10.4	4.80	1.25	0.12
-15	399	284	198	149	124	108	94.2	82.4	71.4	60.2	49.1	38.4	27.5	18.7	11.0	5.08	1.31	0.12
-10	1221	678	314	186	135	114	99.4	86.2	74.5	62.6	50.9	39.8	28.5	19.5	11.4	5.28	1.35	0.12
-5	2512	1463	523	231	150	119	103	88.5	76.2	64.1	52.1	40.7	29.2	19.9	11.7	5.41	1.38	0.12
0	3057	2000	691	256	154	120	104	89.3	76.9	64.7	52.5	41.1	29.5	20.1	11.8	5.45	1.39	0.12
5	2688	1510	520	228	146	119	104	89.3	76.3	63.9	51.9	40.6	29.3	19.8	11.7	5.36	1.37	0.12
10	1510	778	331	189	138	116	102	87.7	74.5	62.3	50.7	39.5	28.8	19.3	11.4	5.20	1.34	0.12
15	527	333	216	153	125	111	97.6	84.7	71.9	60.1	48.8	37.9	27.8	18.5	10.9	4.96	1.28	0.12
20	229	190	152	130	116	104	91.8	80.1	68.2	57.1	46.3	35.9	26.4	17.4	10.3	4.65	1.22	0.12
25	148	137	126	115	107	95.9	85.1	74.1	63.6	53.6	43.4	33.7	24.7	16.2	9.47	4.27	1.13	0.12
30	121	116	111	104	95.7	87.4	77.8	67.5	58.3	49.2	39.9	30.9	22.3	14.7	8.52	3.86	1.03	0.12
35	104	102	97.2	91.5	85.0	77.9	69.6	61.1	52.5	44.1	35.8	27.8	19.7	13.2	7.48	3.39	0.92	0.12
40	89.8	88.2	84.7	80.0	74.5	68.1	61.4	54.2	46.4	38.8	31.6	24.4	17.3	11.7	6.43	2.92	0.81	0.12
45	76.6	75.2	72.3	68.6	64.1	58.7	52.9	46.8	40.1	33.5	27.1	20.3	14.9	9.91	5.46	2.42	0.71	0.12
50	64.2	63.0	60.5	57.6	54.1	49.4	44.4	39.2	33.8	28.1	22.0	16.9	12.4	7.99	4.51	1.98	0.60	0.12
55	52.5	51.3	49.1	46.7	44.0	40.2	35.9	31.8	27.4	22.2	17.5	13.6	9.87	6.34	3.56	1.57	0.49	0.12
60	41.1	40.1	38.2	36.3	34.3	31.4	28.0	24.6	20.5	16.9	13.5	10.3	7.30	4.84	2.66	1.21	0.41	0.12
65	30.3	29.7	28.2	26.7	25.3	23.2	20.1	17.3	14.9	12.3	9.67	7.21	5.27	3.42	1.86	0.85	0.33	0.12
70	20.3	20.0	18.7	17.4	16.5	15.2	13.4	11.7	9.93	7.92	6.27	4.72	3.37	2.22	1.23	0.57	0.27	0.12
75	11.5	11.4	10.9	10.3	9.58	8.71	7.64	6.60	5.62	4.62	3.53	2.57	1.87	1.23	0.71	0.37	0.22	0.12
80	5.05	5.08	4.82	4.52	4.19	3.83	3.36	2.89	2.48	2.04	1.55	1.18	0.86	0.60	0.37	0.23	0.17	0.12
85	1.22	1.25	1.18	1.10	1.04	0.97	0.85	0.73	0.65	0.56	0.43	0.34	0.28	0.24	0.19	0.15	0.14	0.12
90	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.10	0.12

**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 20DEG**  
**Operators: LITPA**  
**Test Date: 06/12/2021**

**$\gamma$  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-XL 550W 4000K**