

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	851.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	136.5V x 145.8H
	At 50% of Imax	35.4V x 115.5H
	At 90% of Imax	7.4V x 49.0H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	927.4 lumens per klm.
	To 50% of Imax	248.9 lumens per klm.
	To 90% of Imax	25.3 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

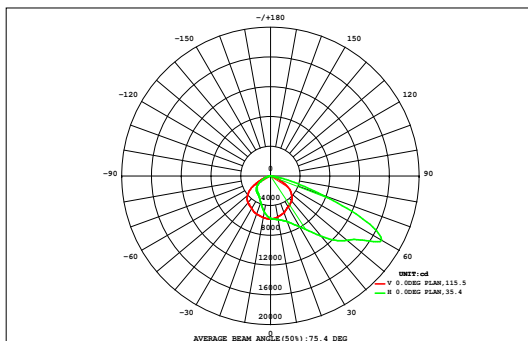
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10/05/2021

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-ASYMETRYK

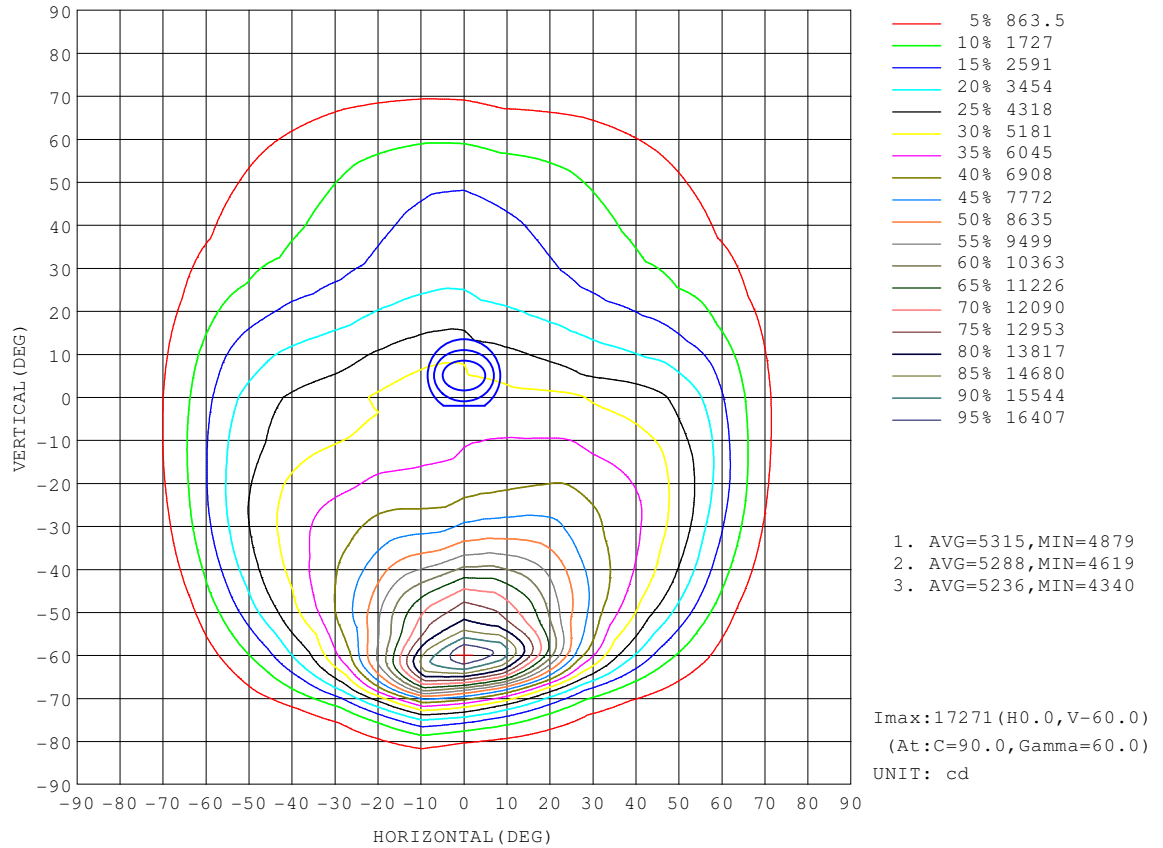
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.50V I:0.8739A P:197.68W PF:0.9814 Freq:50.01Hz Lamp Flux:20279.1x1 lm		
NAME: KYH-Maxi	TYPE:OUTDOOR	WEIGHT:6.6kg
SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



ISOCANDELA DIAGRAM

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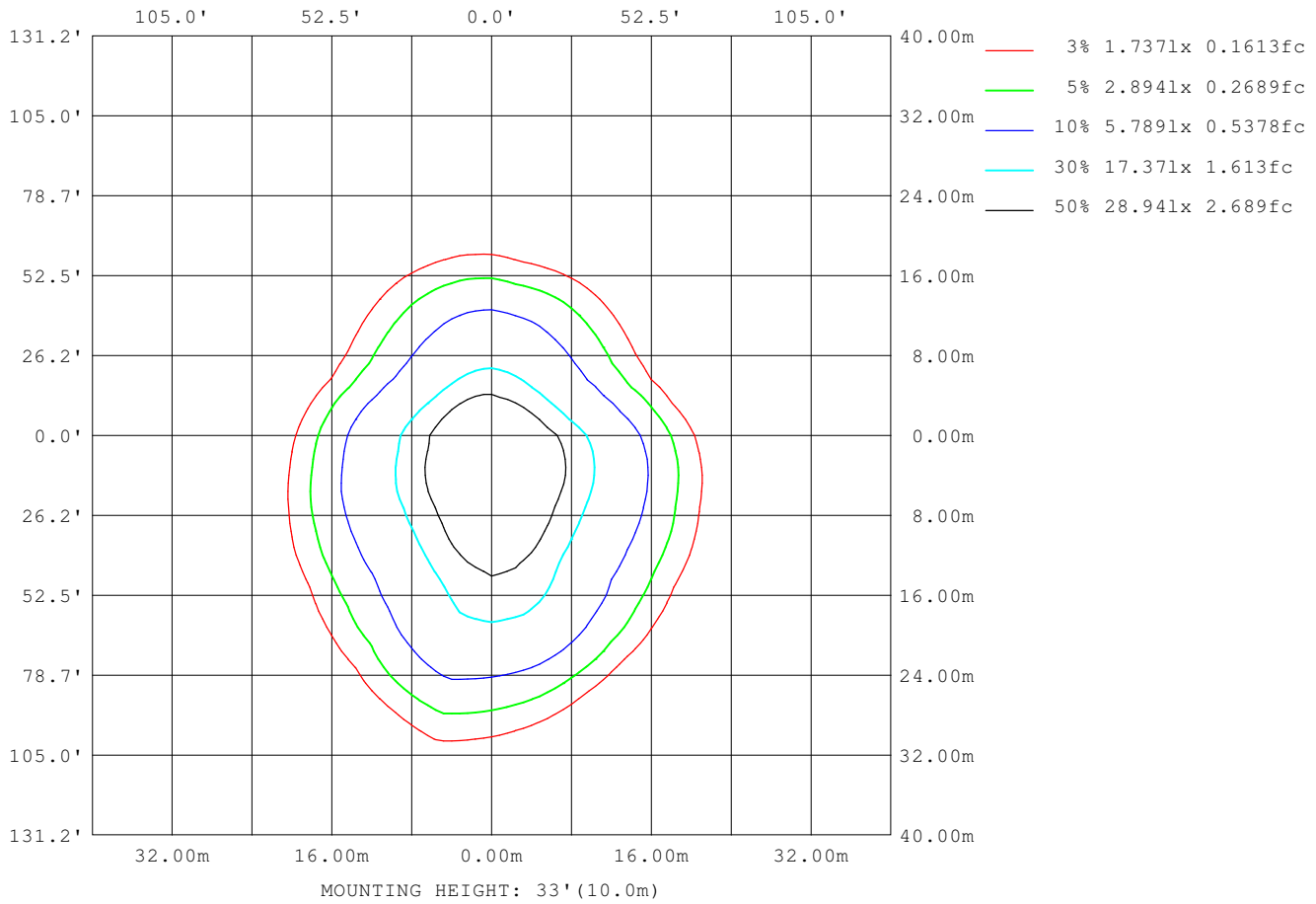


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Temperature:20DEG
Operators:LITPA
Test Date:10/05/2021

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Remarks: KYH-200WATT-ASÝMETRÝK

ISOLUX DIAGRAM

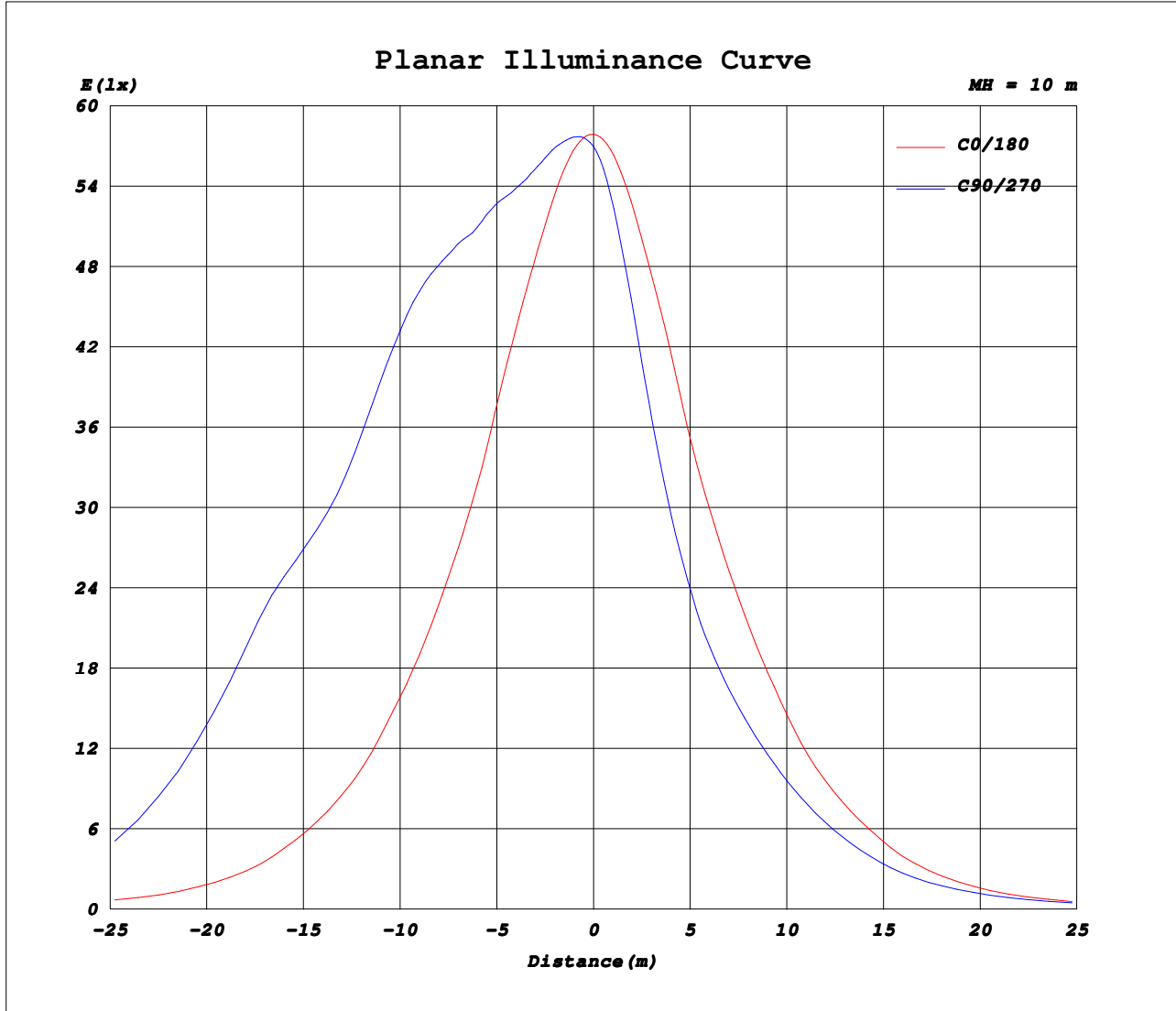
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Planar Illuminance Curve

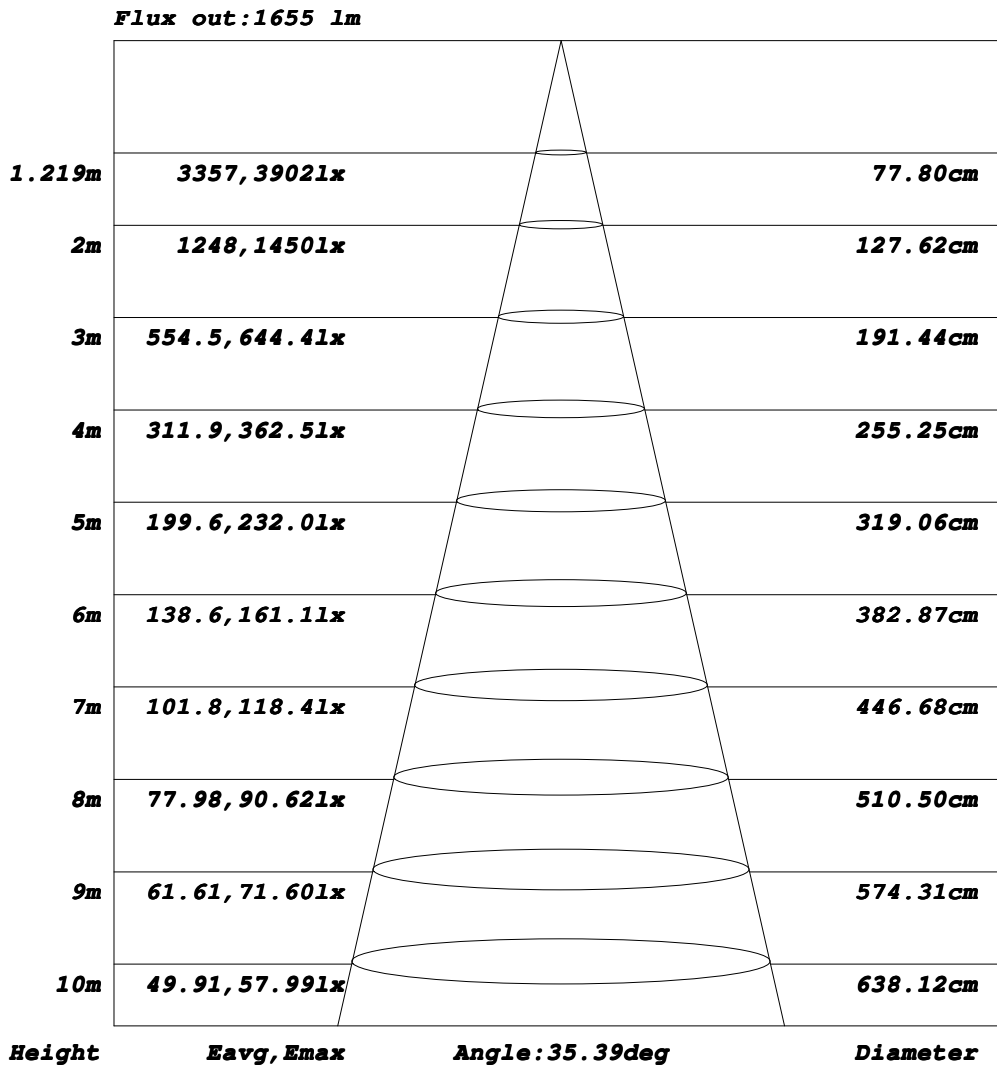


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AAI Figure

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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.

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 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-ASYMETRYK

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.50V I:0.8739A P:197.68W PF:0.9814 Freq:50.01Hz Lamp Flux:20279.1x1 lm		
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SPEC.:200 WATT	DIM.: 322X530X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT: $\mu\text{A}10\text{cd}$

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.14	0.42	0.70	0.76	0.81	0.82	0.82	0.83	0.85	0.92	1.00	1.13	1.27	1.42	1.58	1.72	1.86	1.15	0.43
-85	0.14	0.46	0.85	1.04	1.38	1.84	2.43	3.04	3.81	4.96	6.25	8.22	10.6	15.2	20.3	25.2	30.0	20.8	11.1
-80	0.14	0.49	1.04	1.76	2.78	4.24	6.19	8.80	11.8	15.8	20.9	29.0	38.3	56.1	77.1	102	128	113	95.7
-75	0.14	0.56	1.49	2.91	5.05	8.43	13.2	19.3	27.4	38.0	50.2	69.7	93.8	139	196	272	346	328	298
-70	0.14	0.64	2.13	4.54	8.42	14.6	23.6	37.4	59.3	86.7	121	173	235	342	477	632	787	778	730
-65	0.14	0.75	2.90	6.69	12.8	22.5	38.8	66.7	109	163	235	329	442	605	826	1070	1328	1381	1376
-60	0.14	0.94	3.79	9.22	18.0	32.5	60.1	109	171	248	345	446	585	751	963	1194	1446	1596	1727
-55	0.14	1.11	4.88	12.1	24.1	44.2	88.6	157	237	321	428	509	645	768	942	1109	1278	1400	1505
-50	0.14	1.32	6.02	15.2	31.0	58.5	122	206	300	400	486	582	688	796	934	1075	1194	1279	1347
-45	0.14	1.56	7.16	18.5	38.4	78.5	158	251	349	444	514	608	691	783	885	1003	1082	1150	1222
-40	0.14	1.76	8.38	21.9	46.6	100	186	290	392	470	543	619	684	753	824	902	951	995	1056
-35	0.14	1.96	9.51	25.1	55.4	123	211	319	417	484	559	613	669	711	770	811	833	855	904
-30	0.14	2.17	10.6	28.1	63.8	141	234	338	430	495	565	609	649	682	719	744	750	757	791
-25	0.14	2.33	11.5	30.8	71.6	152	249	351	434	493	551	588	616	640	667	678	679	683	713
-20	0.14	2.45	12.3	33.0	79.2	159	254	353	425	481	530	559	580	599	620	627	630	633	655
-15	0.14	2.52	12.8	34.7	84.6	162	255	348	411	464	504	529	546	563	584	592	599	605	619
-10	0.14	2.56	13.1	35.6	87.5	163	253	342	396	442	474	496	512	531	554	565	576	586	598
-5	0.14	2.55	13.2	35.8	87.7	159	245	331	383	428	456	472	483	500	525	542	559	571	584
0	0.14	2.51	13.0	35.2	85.4	153	234	316	367	412	441	461	478	501	527	545	562	574	579
5	0.14	2.48	12.9	34.6	80.5	142	216	290	336	376	401	419	435	459	488	510	530	544	540
10	0.14	2.42	12.7	33.4	74.0	129	194	260	303	337	360	377	393	414	441	462	482	496	493
15	0.14	2.32	12.1	31.7	66.4	115	170	227	266	296	319	335	350	367	392	411	427	438	437
20	0.14	2.19	11.4	29.4	58.6	99.7	146	192	227	252	277	294	307	327	348	363	377	386	385
25	0.14	2.02	10.5	27.0	51.2	86.3	124	158	186	214	236	253	272	290	310	327	338	346	345
30	0.14	1.81	9.49	24.3	45.1	75.2	105	128	158	182	199	222	239	259	279	296	307	315	315
35	0.14	1.57	8.28	21.4	40.2	65.0	88.3	110	136	153	178	197	218	236	259	277	290	298	300
40	0.14	1.35	7.04	18.4	35.2	55.8	75.9	98.5	119	139	161	181	201	222	243	262	276	285	287
45	0.14	1.12	5.74	15.3	30.0	47.7	67.4	87.7	108	127	146	167	187	206	227	247	261	270	272
50	0.14	0.88	4.57	12.4	24.7	39.9	57.7	76.6	95.3	115	133	152	171	190	208	226	240	247	248
55	0.14	0.68	3.44	9.53	19.3	32.0	47.2	64.3	81.5	99.2	116	134	152	169	183	197	207	212	212
60	0.14	0.54	2.42	6.77	14.0	24.0	36.0	50.2	65.3	80.5	95.2	110	125	138	147	156	163	164	163
65	0.14	0.40	1.64	4.43	9.34	16.2	24.9	35.4	47.4	59.6	70.9	82.7	94.3	103	110	116	120	120	119
70	0.14	0.30	1.01	2.59	5.45	9.59	14.9	22.0	30.2	38.4	46.9	55.5	64.2	70.4	75.0	78.7	81.2	81.1	79.7
75	0.14	0.21	0.58	1.37	2.65	4.63	7.30	11.0	15.3	19.9	24.4	29.6	34.8	38.9	42.0	45.1	47.3	47.5	46.8
80	0.14	0.15	0.32	0.62	1.12	1.74	2.50	3.87	5.54	7.18	9.15	11.3	13.4	15.3	17.0	18.9	20.5	20.4	19.9
85	0.14	0.15	0.15	0.23	0.35	0.50	0.67	0.87	1.15	1.42	1.67	2.08	2.56	2.90	3.19	3.65	4.06	3.79	3.43
90	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.23	0.25	0.27	0.31	0.35	0.40	0.45	0.49	0.54	0.57	0.60

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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	0.41	0.39	0.38	0.36	0.35	0.34	0.33	0.32	0.32	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.31	
-85	9.58	7.94	7.39	6.73	5.61	4.61	3.90	3.37	2.84	2.32	1.98	1.70	1.34	1.04	0.77	0.55	0.41	0.31	
-80	83.9	71.0	59.1	47.2	35.8	26.4	20.0	14.7	11.6	8.83	6.86	5.18	3.71	2.57	1.76	1.07	0.52	0.31	
-75	260	219	175	132	96.4	66.9	51.1	37.5	29.1	21.8	16.6	12.1	8.09	5.14	3.14	1.78	0.75	0.31	
-70	652	558	442	330	238	166	123	89.2	66.6	48.6	33.9	22.9	14.6	8.96	5.14	2.65	1.02	0.31	
-65	1291	1165	954	743	546	394	286	201	140	98.0	63.2	39.5	23.4	13.9	7.74	3.69	1.31	0.31	
-60	1661	1547	1320	1068	813	612	456	338	241	163	109	63.0	34.6	19.9	10.8	4.90	1.65	0.31	
-55	1470	1408	1267	1084	862	710	546	441	329	240	158	94.0	48.0	27.0	14.3	6.34	1.97	0.31	
-50	1315	1259	1166	1023	868	747	622	516	413	315	215	131	65.2	35.2	18.1	7.85	2.33	0.31	
-45	1204	1160	1089	980	866	756	666	559	476	379	271	171	90.5	44.4	22.3	9.36	2.70	0.31	
-40	1058	1035	993	928	838	751	675	597	511	426	314	204	118	55.0	26.6	11.0	3.04	0.31	
-35	917	910	894	860	793	733	672	613	530	457	347	239	145	66.8	30.7	12.5	3.37	0.31	
-30	806	809	810	798	760	711	670	619	550	477	380	266	165	79.6	34.5	13.9	3.71	0.31	
-25	727	735	744	746	726	690	658	617	559	487	402	284	179	90.5	38.1	15.1	4.00	0.31	
-20	665	674	682	690	683	655	631	598	556	484	409	296	188	99.9	41.1	16.2	4.24	0.31	
-15	627	633	639	644	641	618	598	572	538	474	406	300	193	107	43.6	17.0	4.42	0.31	
-10	605	607	607	608	604	582	565	544	515	457	392	294	194	110	45.1	17.5	4.54	0.31	
-5	589	587	582	577	569	546	529	509	483	432	373	283	189	109	45.6	17.7	4.61	0.31	
0	577	569	558	546	533	508	491	472	448	402	349	266	180	106	45.1	17.7	4.62	0.31	
5	513	499	481	464	446	427	418	407	390	353	309	238	164	98.5	43.7	17.5	4.57	0.31	
10	463	449	432	415	398	376	361	347	329	301	266	207	145	89.3	41.5	17.0	4.46	0.31	
15	408	397	382	367	349	331	315	301	285	256	222	175	125	79.0	38.7	16.2	4.29	0.31	
20	363	354	340	326	309	287	274	258	238	216	188	147	106	68.3	35.4	15.2	4.08	0.31	
25	328	319	307	291	274	254	235	221	202	175	155	126	90.7	58.1	32.1	14.0	3.82	0.31	
30	305	296	284	268	248	226	210	189	173	151	126	106	79.1	49.7	28.7	12.8	3.52	0.31	
35	292	282	269	252	229	210	189	172	148	132	109	89.3	68.3	43.9	25.2	11.4	3.17	0.31	
40	280	270	256	238	216	196	176	157	136	118	97.5	76.4	58.3	38.2	21.8	9.89	2.83	0.31	
45	263	252	239	220	201	181	163	143	124	105	86.7	67.5	49.4	32.5	18.4	8.23	2.50	0.31	
50	237	226	216	199	182	165	147	128	111	92.6	75.0	57.4	40.9	26.8	15.0	6.77	2.14	0.31	
55	199	188	180	169	158	142	126	110	94.0	77.8	62.1	46.5	32.8	21.1	11.8	5.35	1.81	0.31	
60	153	143	139	132	125	113	101	87.4	74.6	60.9	47.6	35.1	24.5	15.6	8.74	4.03	1.52	0.31	
65	110	102	99.0	95.0	89.9	82.5	72.8	63.0	53.3	43.0	32.9	24.0	16.7	10.7	6.01	3.02	1.22	0.31	
70	72.6	65.3	63.5	60.5	57.2	52.4	45.8	39.1	32.5	26.3	19.8	14.3	10.1	6.50	3.79	2.16	0.99	0.31	
75	40.3	33.7	32.1	29.9	27.9	25.3	22.0	18.5	15.6	12.6	9.63	6.95	5.00	3.39	2.30	1.48	0.77	0.31	
80	15.7	11.5	10.6	9.55	8.85	8.06	6.92	5.81	4.92	4.11	3.21	2.43	2.04	1.66	1.29	0.99	0.60	0.31	
85	2.29	1.17	1.11	1.05	1.06	1.03	0.96	0.90	0.91	0.88	0.81	0.77	0.75	0.73	0.73	0.69	0.50	0.31	
90	0.65	0.71	0.64	0.58	0.52	0.46	0.43	0.39	0.38	0.37	0.37	0.38	0.39	0.41	0.46	0.51	0.41	0.31	

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