

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

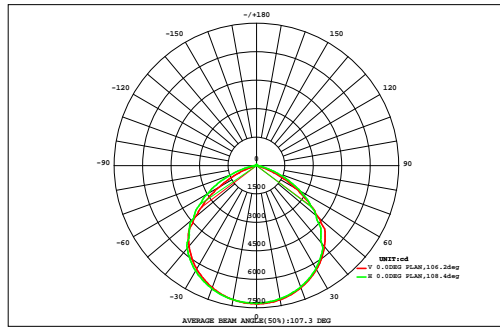
Maximum Intensity (Luminaire orientation as tested.)		378.3 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	149.1V x 137.9H
	At 50% of Imax	108.4V x 106.2H
	At 90% of Imax	52.6V x 51.8H
Beam Flux	Total	1000.9 lumens per klm.
	To 10% of Imax	963.9 lumens per klm.
	To 50% of Imax	777.9 lumens per klm.
	To 90% of Imax	227.4 lumens per klm.
	Upward LOR	1.5 %
	Downward LOR	98.6 %
Luminaire Efficiency(Light Output Ratio)		100.1 %

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tao
Test Date:2020-01-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.275m [K=1.0000]
Remarks: AX-Square lumileds3030s 4000K Tridonic

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.4V I:0.5549A P:125.8W PF:0.9839 Lamp Flux:19261.4x1 lm		
NAME: SQUARE	TYPE:	WEIGHT:
SPEC.:Square-126W 120°	DIM.:	SERIAL No.:20200116003
MFR.: AXLUX	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:153.27lm/W	
MODEL:eds3030s 4000K Ra80		Imax(cd)	7286
NOMINAL POWER(W)	126	AVAILABILITY(%)	96.4
RATED VOLTAGE(V)	230	Avai. FLUX(lm)	18569
NOMINAL FLUX(lm)	19261.4	LOR(%)	100.1
LAMPS INSIDE	1	TOTAL FLUX(lm)	19277
TEST VOLTAGE(V)	230	q @50%(H,V)	106,108DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.07	0.30	0.67	1.13	1.59	2.09	2.53	2.83	2.95	2.86	2.57	2.15	1.65	1.15	0.73	0.39	0.20	0.08		
80	0.12	0.66	1.59	2.68	4.19	7.50	12.1	16.0	17.5	17.1	14.5	9.95	5.86	3.48	2.25	1.19	0.40	0.11	117	34.2
70	0.17	0.98	2.22	5.03	13.6	28.2	43.7	52.3	56.4	55.8	50.3	38.7	22.4	9.48	3.77	1.89	0.75	0.15	386	349
60	0.22	1.17	3.30	12.9	33.7	60.2	82.4	95.1	102	101	93.0	78.9	53.0	26.5	8.53	2.52	1.02	0.20	755	735
50	0.26	1.36	5.83	25.1	57.6	92.7	117	134	143	142	132	114	86.0	48.7	18.6	3.81	1.20	0.24	1124	1111
40	0.28	1.60	9.81	37.3	79.2	118	146	167	178	177	164	143	112	70.1	29.8	6.37	1.41	0.28	1440	1429
30	0.30	1.85	14.0	47.1	93.8	133	164	186	198	197	184	160	128	85.4	39.4	10.5	1.67	0.31	1644	1635
	0.31	2.08	17.1	53.8	103	143	175	199	211	210	196	171	138	95.8	48.6	15.0	1.97	0.32	1779	1772
	0.32	2.25	18.7	57.3	107	147	181	205	218	216	202	178	145	106	56.0	18.3	2.26	0.34	1862	1855
	0.32	2.41	19.6	59.1	109	149	182	206	218	218	206	181	148	109	58.5	19.4	2.37	0.34	1890	1883
	0.32	2.51	19.8	59.4	109	147	178	201	213	213	200	176	144	105	55.7	18.1	2.23	0.34	1844	1837
	0.32	2.34	18.1	54.8	101	138	168	190	202	201	189	166	135	96.1	49.4	15.2	1.97	0.33	1729	1722
-30	0.31	1.98	14.5	45.0	87.2	125	153	173	184	183	171	150	121	82.0	39.7	11.1	1.71	0.31	1543	1534
-40	0.29	1.68	9.28	32.2	67.1	103	127	145	154	153	142	123	97.9	61.5	27.3	6.71	1.46	0.29	1252	1241
-50	0.26	1.41	4.84	18.5	42.8	71.6	93.4	107	113	112	104	89.3	66.7	38.1	14.7	3.68	1.26	0.25	883	866
-60	0.23	1.20	2.82	7.47	20.0	37.4	54.6	64.7	68.6	67.6	61.9	51.2	33.9	16.8	5.89	2.41	1.09	0.21	498	468
-70	0.18	1.01	2.04	3.42	6.14	11.4	18.4	24.7	26.2	25.6	23.1	16.9	10.1	5.23	3.01	1.79	0.80	0.15	180	98.1
-80	0.13	0.69	1.34	2.02	2.68	3.31	4.00	4.69	4.79	4.68	4.39	3.61	2.86	2.19	1.52	0.91	0.42	0.10	44.3	0.00
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90			
F t	4.41	27.5	165	524	1038	1517	1903	2174	2309	2297	2140	1853	1452	962	464	139	24.2	4.34	18997	---
F a	0.00	0.00	129	496	1013	1493	1880	2152	2286	2275	2118	1829	1428	935	435	101	0.00	0.00	---	18569

one-half-peak spread: U:53.7,D:53.0 , L:53.1,R:53.5 NEMA Beam Type: Type 7

H(h) Range:-90 - 90DEG
 H(h) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:tao
 Test Date:2020-01-16

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:7.275m [K=1.0000]
 Remarks: AX-Square lumileds3030s 4000K Tridonic

ISOCANDELA DIAGRAM

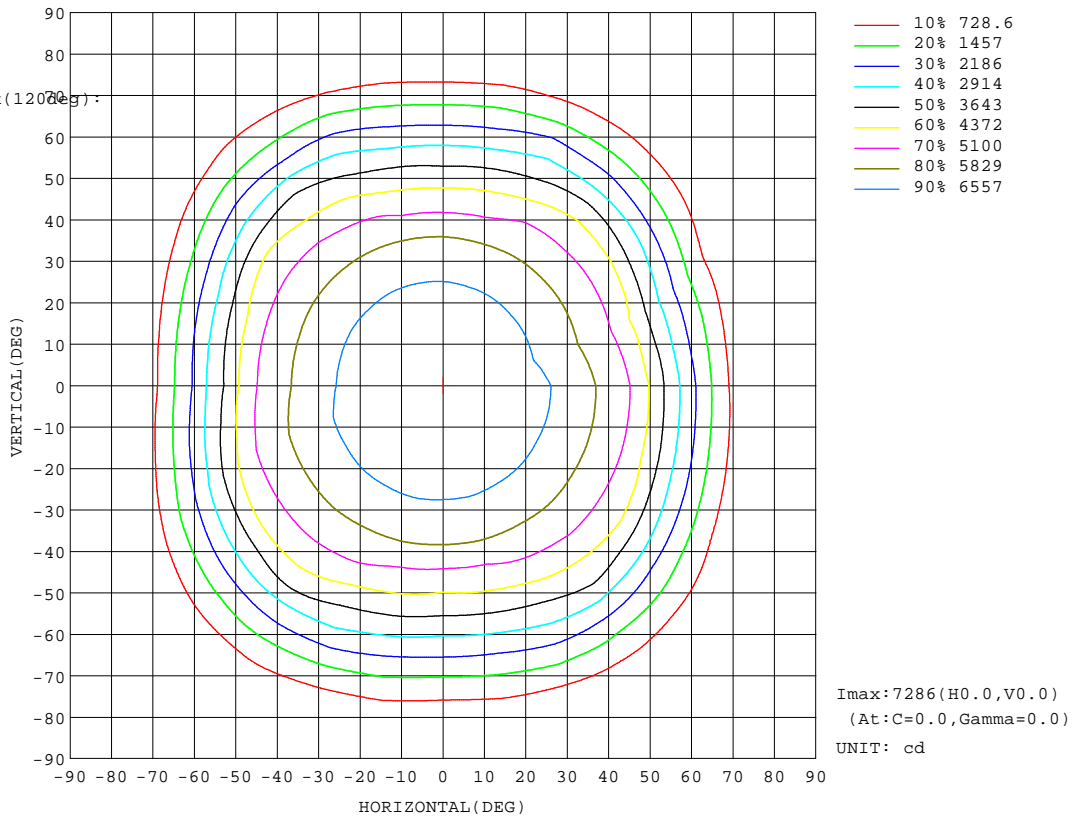
Test:U:230.4V I:0.5549A P:125.8W PF:0.9839 Lamp Flux:19261.4x1 lm		
NAME: SQUARE	TYPE:	WEIGHT:
SPEC.:Square-126W 120°	DIM.:	SERIAL No.:20200116003
MFR.: AXLUX	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

11409 lm
 %lum = 59.2%
 %lamp = 59.2%

Conical surface Flux(120deg):

16507 lm
 %lum = 85.6%
 %lamp = 85.7%

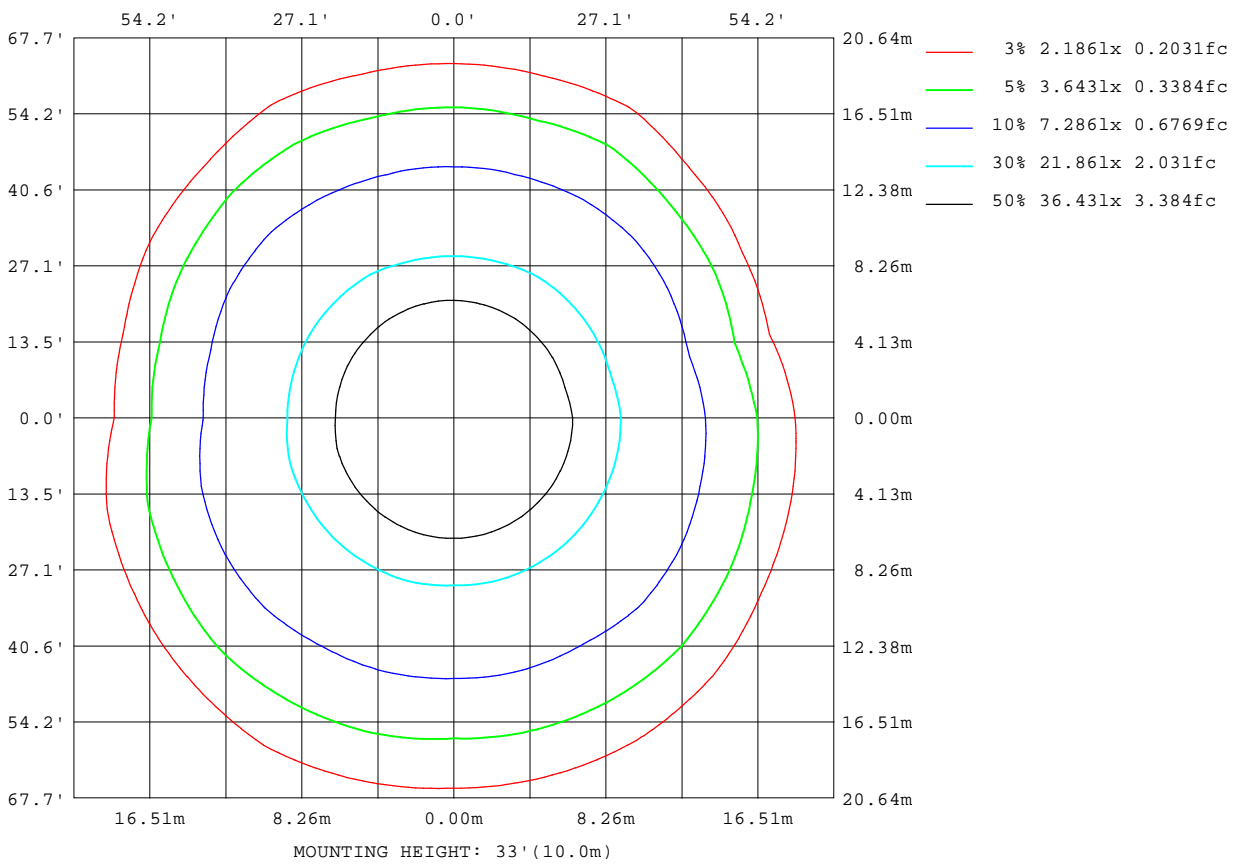


H(B) Range:-90 - 90DEG
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ISOLUX DIAGRAM

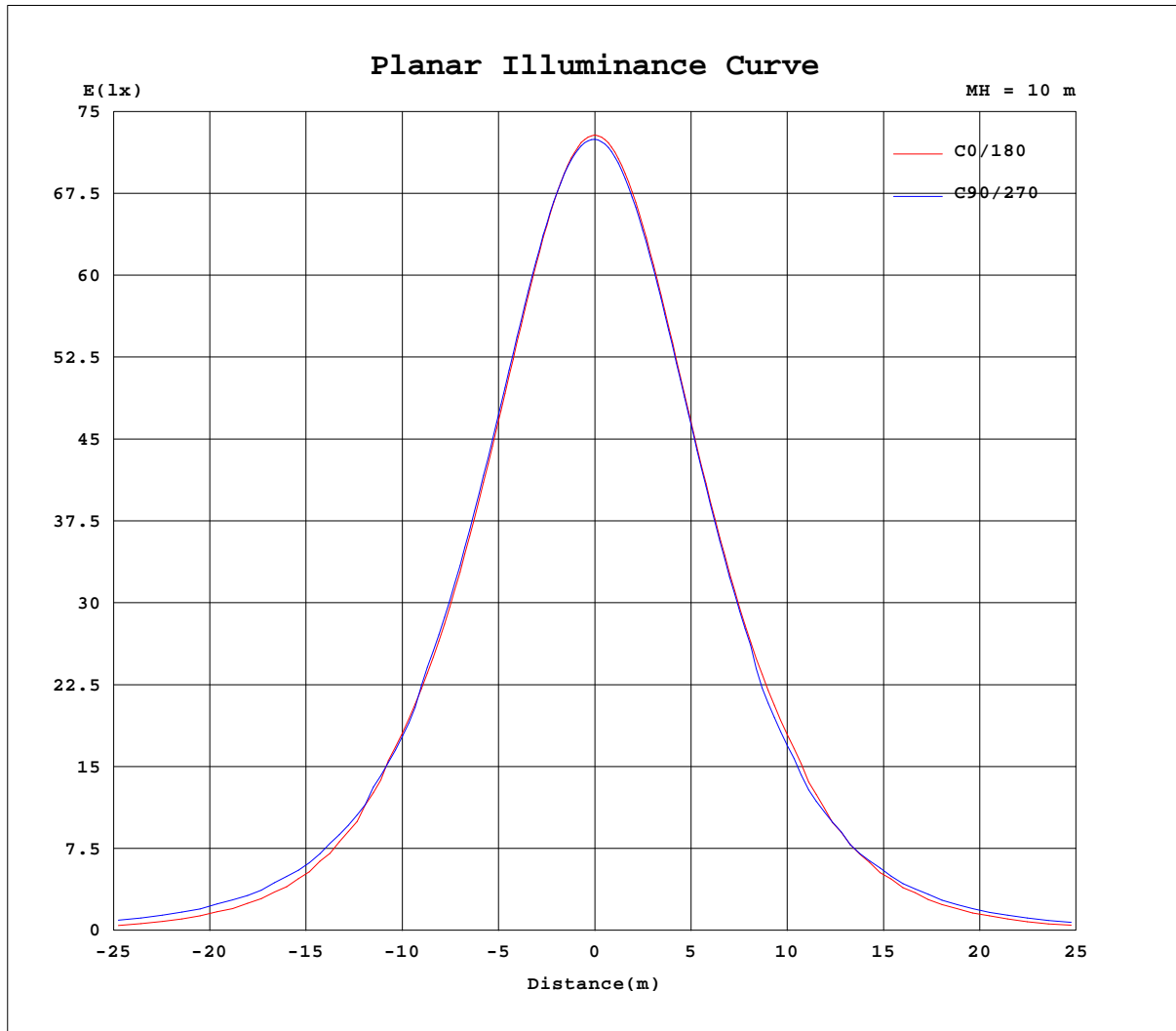
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MFR.: AXLUX	SUR.:	PROTECTION ANGLE:



H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tao
Test Date:2020-01-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
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Humidity:65.0%
Test Distance:7.275m [K=1.0000]
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Planar Illuminance Curve



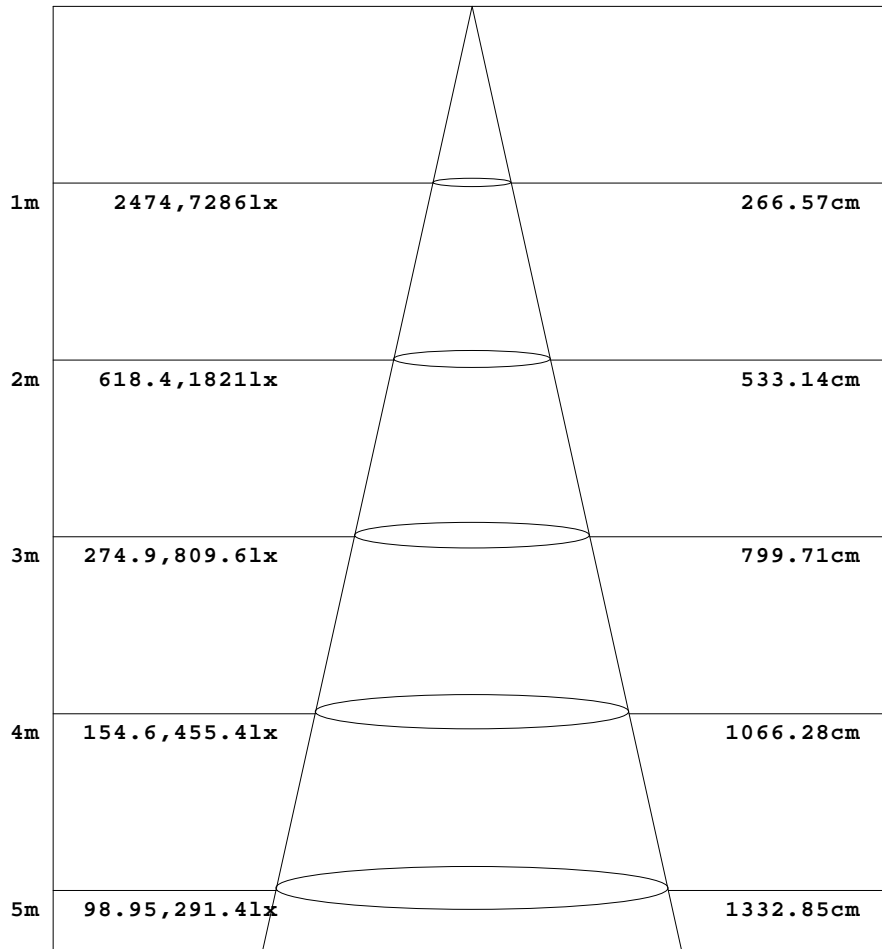
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 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:tao
 Test Date:2020-01-16

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
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AAI Figure

Test:U:230.4V I:0.5549A P:125.8W PF:0.9839 Lamp Flux:19261.4x1 lm		
NAME: SQUARE	TYPE:	WEIGHT:
SPEC.:Square-126W 120°	DIM.:	SERIAL No.:20200116003
MFR.: AXLUX	SUR.:	PROTECTION ANGLE:

Flux out:14722 lm



Height Eavg, Emax Angle:106.24deg Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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V(B) Range:-180 - 180DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.5549A P:125.8W PF:0.9839 Lamp Flux:19261.4x1 lm		
NAME: SQUARE	TYPE:	WEIGHT:
SPEC.:Square-126W 120°	DIM.:	SERIAL No.:20200116003
MFR.: AXLUX	SUR.:	PROTECTION 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
-180	23.0	24.8	27.3	30.1	33.4	36.8	40.2	43.5	46.6	49.6	52.6	55.8	59.3	63.1	67.0	70.3	72.7	74.5	75.2
-170	23.0	25.1	27.7	30.7	34.1	37.7	41.2	44.7	48.0	51.0	53.9	56.7	59.4	62.2	65.1	68.0	70.4	72.1	72.8
-160	23.0	25.2	27.9	31.1	34.5	38.0	41.6	45.0	48.2	50.7	53.0	55.2	57.4	59.6	61.7	63.8	65.6	66.8	67.3
-150	23.0	25.3	28.0	31.0	34.3	37.8	41.0	43.7	46.3	48.7	50.8	52.7	54.5	56.1	57.7	59.2	60.3	61.1	61.4
-140	23.0	25.3	27.9	30.8	33.9	36.7	39.1	41.4	43.7	45.8	47.8	49.5	51.0	52.4	53.6	54.6	55.4	55.9	56.1
-130	23.0	25.2	27.7	30.3	32.9	34.8	36.8	38.7	40.6	42.3	44.0	45.5	46.9	48.1	49.1	49.9	50.5	50.9	51.1
-120	23.0	25.6	27.4	29.7	31.5	32.8	34.2	35.7	37.0	38.4	39.6	40.8	41.9	42.8	43.6	44.3	44.8	45.1	45.3
-110	23.0	27.5	27.0	29.0	30.0	30.9	31.7	32.6	33.4	34.3	35.1	35.9	36.6	37.3	37.8	38.2	38.5	38.8	38.9
-100	23.0	32.3	31.7	29.6	28.8	29.1	29.5	29.9	30.3	30.7	31.1	31.5	31.9	32.2	32.4	32.7	32.9	33.0	33.2
-90	23.0	37.4	51.7	66.1	65.5	64.9	64.3	64.1	64.0	63.8	62.2	60.6	59.0	60.1	61.1	62.1	60.3	58.5	56.8
-80	23.0	48.0	80.4	113	126	138	148	155	162	173	188	204	224	255	295	334	335	330	319
-70	23.0	61.9	107	145	160	175	208	251	339	507	667	876	1063	1256	1368	1481	1508	1518	1512
-60	23.0	74.1	128	159	197	261	362	661	1023	1443	1790	2186	2515	2764	2840	2949	3012	3008	2961
-50	23.0	84.3	141	180	268	453	916	1428	1967	2553	3156	3618	3829	4058	4215	4300	4417	4421	4345
-40	23.0	93.0	149	207	341	916	1517	2208	2938	3602	4204	4680	4914	5178	5358	5522	5636	5689	5699
-30	23.0	99.2	155	233	526	1237	2028	2878	3697	4486	4949	5307	5612	5862	6063	6226	6344	6409	6419
-20	23.0	103	158	247	632	1430	2356	3300	4251	4970	5381	5748	6056	6319	6540	6704	6822	6891	6902
-10	23.0	104	157	251	657	1490	2400	3405	4336	5140	5603	6002	6331	6590	6808	6975	7094	7156	7172
0	23.0	103	153	241	604	1409	2270	3318	4225	5083	5539	5958	6306	6598	6841	7038	7176	7259	7286
10	23.0	102	153	237	564	1357	2234	3194	4118	4979	5443	5847	6194	6488	6728	6915	7046	7121	7127
20	23.0	97.8	152	219	426	1169	1966	2868	3778	4637	5172	5567	5907	6182	6409	6594	6722	6789	6801
30	23.0	91.2	148	194	326	860	1576	2420	3282	4063	4722	5085	5398	5667	5889	6066	6182	6247	6264
40	23.0	82.2	140	168	259	474	1104	1763	2454	3238	3863	4235	4635	4813	5000	5187	5225	5356	5335
50	23.0	70.6	125	155	196	296	571	1053	1547	2105	2663	3063	3492	3676	3820	3952	4030	4080	4093
60	23.0	58.1	103	139	159	196	260	389	722	1021	1392	1737	2093	2340	2410	2535	2600	2646	2665
70	23.0	44.5	73.8	104	131	149	163	192	228	283	423	587	746	913	996	1085	1131	1137	1117
80	23.0	30.4	43.9	58.1	74.0	90.2	105	117	126	133	141	149	159	167	175	180	181	180	178
90	23.0	23.1	23.1	23.2	23.2	23.3	23.3	23.4	23.5	23.6	23.6	23.7	23.7	23.8	23.9	24.0	24.0	24.1	24.1
100	23.0	23.3	23.7	24.1	24.4	24.8	25.2	25.6	26.1	26.5	26.9	27.3	27.6	27.9	28.2	28.5	28.6	28.7	28.7
110	23.0	23.6	24.3	25.1	25.9	26.7	27.6	28.5	29.5	30.4	31.2	32.0	32.6	33.3	33.8	34.3	34.6	34.8	34.8
120	23.0	23.9	24.9	26.1	27.5	28.9	30.3	31.7	33.2	34.6	35.9	37.1	38.1	39.1	40.0	40.7	41.1	41.4	41.5
130	23.0	24.1	25.6	27.2	29.1	31.0	32.9	34.9	36.8	38.7	40.5	42.0	43.4	44.6	45.6	46.5	47.1	47.5	47.6
140	23.0	24.4	26.1	28.2	30.5	32.9	35.4	37.8	40.2	42.4	44.5	46.3	47.9	49.4	50.7	51.9	52.8	53.3	53.6
150	23.0	24.6	26.6	29.0	31.7	34.6	37.5	40.3	43.0	45.5	47.7	49.9	51.9	54.0	55.9	57.6	59.0	59.8	60.1
160	23.0	24.7	27.0	29.7	32.7	35.8	39.0	42.1	45.1	47.7	50.3	52.9	55.6	58.4	61.1	63.5	65.4	66.7	67.2
170	23.0	24.8	27.2	30.0	33.2	36.6	40.0	43.3	46.3	49.1	52.0	55.1	58.4	61.8	65.3	68.4	70.8	72.4	73.1
180	23.0	24.8	27.3	30.1	33.4	36.8	40.2	43.5	46.6	49.6	52.6	55.8	59.3	63.1	67.0	70.3	72.7	74.5	75.2

H_(h) Range:-90 - 90DEG
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MFR.: AXLUX	SUR.:	PROTECTION 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
-180	74.6	73.2	71.0	67.9	64.8	61.8	59.0	56.4	53.9	51.3	48.5	45.4	42.2	38.9	35.8	32.8	30.3	29.2
-170	72.1	70.7	68.8	66.3	63.6	60.9	58.2	55.7	53.3	50.8	48.0	45.0	41.9	38.7	35.6	32.7	30.3	29.2
-160	66.9	65.9	64.4	62.7	60.7	58.5	56.3	54.1	51.8	49.4	46.8	44.0	41.0	38.1	35.1	32.4	30.2	29.2
-150	61.1	60.5	59.6	58.4	56.9	55.3	53.5	51.6	49.6	47.4	45.0	42.4	39.7	37.1	34.5	32.0	30.0	29.2
-140	56.0	55.6	55.0	54.0	52.9	51.5	50.1	48.5	46.7	44.7	42.6	40.4	38.1	35.8	33.5	31.5	29.8	29.2
-130	51.0	50.7	50.1	49.3	48.4	47.3	46.0	44.7	43.2	41.5	39.8	38.0	36.1	34.2	32.5	30.9	29.6	29.2
-120	45.2	45.0	44.5	44.0	43.3	42.4	41.4	40.3	39.2	38.0	36.7	35.4	34.0	32.6	31.4	30.3	29.3	29.2
-110	38.9	38.7	38.5	38.1	37.7	37.2	36.6	35.9	35.1	34.4	33.5	32.7	31.9	31.1	30.3	29.6	29.0	29.2
-100	33.1	33.1	33.0	32.8	32.6	32.4	32.1	31.8	31.4	31.1	30.7	30.4	30.0	29.6	29.3	29.0	28.9	29.2
-90	55.0	53.2	51.4	47.9	44.4	40.9	39.4	38.0	36.5	34.9	33.3	31.7	31.4	31.0	30.6	30.2	29.7	29.2
-80	320	315	304	266	228	201	183	168	155	146	136	124	110	93.5	76.6	59.0	42.4	29.2
-70	1495	1456	1395	1274	1140	970	772	577	382	280	214	178	160	145	121	89.7	57.2	29.2
-60	2973	2924	2818	2752	2546	2342	2004	1594	1241	833	499	283	216	168	150	117	71.1	29.2
-50	4373	4294	4209	4054	3843	3705	3403	2901	2302	1701	1151	678	322	216	163	136	83.4	29.2
-40	5670	5599	5453	5275	4977	4788	4475	3987	3396	2618	1928	1235	644	281	181	149	94.2	29.2
-30	6390	6307	6174	5992	5779	5500	5173	4799	4220	3386	2559	1750	971	349	209	155	103	29.2
-20	6875	6788	6657	6477	6240	5959	5625	5237	4770	3869	3005	2105	1257	509	235	158	109	29.2
-10	7149	7076	6937	6756	6521	6239	5898	5496	5044	4214	3269	2336	1404	617	249	158	112	29.2
0	7257	7177	7042	6850	6609	6325	5976	5568	5116	4334	3372	2335	1428	656	249	158	113	29.2
10	7076	6965	6809	6592	6331	6013	5658	5279	4746	3898	2989	2105	1237	527	233	155	109	29.2
20	6753	6656	6501	6288	6040	5736	5370	4956	4238	3341	2474	1682	916	365	207	151	102	29.2
30	6213	6118	5979	5780	5536	5239	4897	4452	3615	2813	1943	1191	565	271	177	144	93.0	29.2
40	5336	5209	5108	5004	4687	4491	4042	3497	2775	2013	1371	740	309	203	158	131	81.8	29.2
50	4049	3967	3880	3716	3548	3273	2752	2281	1714	1205	722	339	219	158	142	110	69.0	29.2
60	2624	2557	2472	2329	2197	1870	1443	1086	757	443	276	205	160	142	112	84.1	56.8	29.2
70	1120	1099	1033	896	731	592	423	291	220	185	160	146	126	97.0	68.0	53.9	45.5	29.2
80	176	173	169	160	150	141	133	123	111	99.0	85.7	69.8	53.2	37.0	26.8	34.4	35.3	29.2
90	24.1	24.2	24.2	24.1	24.1	24.0	24.0	23.9	23.9	23.8	23.7	23.6	23.6	23.6	23.6	25.4	27.3	29.2
100	28.7	28.7	28.6	28.4	28.2	27.9	27.6	27.3	26.9	26.5	26.1	25.7	25.3	24.9	24.6	25.9	27.2	29.2
110	34.8	34.7	34.4	34.0	33.5	32.9	32.3	31.6	30.9	30.0	29.1	28.2	27.3	26.5	25.9	26.7	27.5	29.2
120	41.4	41.1	40.7	40.0	39.2	38.3	37.3	36.3	35.0	33.7	32.3	30.9	29.6	28.2	27.4	27.6	27.9	29.2
130	47.5	47.1	46.5	45.6	44.6	43.5	42.2	40.7	39.1	37.4	35.5	33.7	31.8	29.9	29.1	28.6	28.4	29.2
140	53.4	52.9	52.1	51.0	49.6	48.1	46.5	44.7	42.8	40.7	38.5	36.2	33.8	32.0	30.7	29.6	28.8	29.2
150	59.8	59.0	57.8	56.3	54.5	52.4	50.3	48.0	45.9	43.6	41.1	38.4	36.1	34.1	32.2	30.5	29.2	29.2
160	66.7	65.4	63.7	61.6	59.1	56.3	53.5	50.8	48.3	45.7	43.4	41.0	38.6	36.1	33.6	31.4	29.6	29.2
170	72.2	70.5	68.6	65.9	62.7	59.3	56.1	53.5	51.1	48.7	46.3	43.5	40.6	37.7	34.8	32.2	30.0	29.2
180	74.6	73.2	71.0	67.9	64.8	61.8	59.0	56.4	53.9	51.3	48.5	45.4	42.2	38.9	35.8	32.8	30.3	29.2

H_(h) Range:-90 - 90DEG
H_(h) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tao
Test Date:2020-01-16

V_(B) Range:-180 - 180DEG
V_(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.275m [K=1.0000]
Remarks: AX-Square lumileds3030s 4000K Tridonic

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	7286	7274	7268	7262	7257	7253	7246	7242	7234	7232
3.0	7275	7269	7260	7255	7251	7248	7245	7239	7238	7235
6.0	7247	7241	7235	7235	7231	7230	7228	7226	7223	7222
9.0	7199	7195	7192	7192	7191	7194	7194	7195	7193	7193
12.0	7127	7128	7123	7128	7128	7136	7134	7142	7139	7143
15.0	7042	7040	7041	7049	7055	7066	7066	7071	7067	7071
18.0	6928	6936	6933	6948	6954	6970	6973	6983	6977	6979
21.0	6800	6810	6807	6832	6834	6857	6859	6875	6867	6870
24.0	6664	6669	6676	6693	6706	6725	6734	6750	6743	6742
27.0	6502	6509	6514	6537	6547	6581	6578	6603	6590	6594
30.0	6325	6332	6329	6356	6369	6410	6419	6438	6419	6423
33.0	6128	6135	6145	6161	6188	6215	6226	6249	6242	6235
36.0	5901	5917	5922	5950	5961	6000	6014	6033	6028	6033
39.0	5653	5673	5675	5718	5712	5767	5773	5802	5785	5810
42.0	5395	5415	5423	5457	5466	5514	5467	5553	5541	5566
45.0	5116	5136	5145	5176	5185	5017	5034	5058	5274	5296
48.0	4606	4831	4835	4870	4669	4728	4740	4776	4774	5002
51.0	4008	4279	4530	4500	4385	4229	4253	4387	4476	4693
54.0	3478	3708	3963	4032	3871	3912	3936	3962	4145	4290
57.0	2954	3105	3384	3686	3525	3412	3426	3481	3628	3838
60.0	2335	2518	2796	3016	3035	3046	2961	3131	3214	3306
63.0	1844	1908	2141	2452	2549	2584	2606	2645	2789	2659
66.0	1263	1380	1536	1882	2097	2078	2110	2190	2245	2086
69.0	730.7	948.5	1091	1386	1590	1656	1624	1750	1715	1572
72.0	337.6	447.9	619.9	882.2	1103	1225	1231	1279	1240	1051
75.0	249.3	279.5	301.3	515.2	691.7	842.8	794.1	887.8	773.9	596.8
78.0	178.3	200.2	223.8	273.3	393.6	514.2	492.0	548.1	433.7	314.1
81.0	154.4	161.8	165.8	186.5	211.1	255.3	238.1	283.9	236.2	212.0
84.0	127.1	135.1	139.1	142.7	148.3	159.3	157.1	166.9	161.5	157.3
87.0	77.87	84.84	88.09	96.07	100.7	120.8	123.6	126.1	118.3	122.1
90.0	29.20	30.64	31.72	36.55	40.86	51.43	56.78	62.09	59.03	63.84
93.0	29.49	29.45	29.59	29.74	29.98	30.03	29.98	29.74	29.44	29.05
96.0	30.76	30.68	30.82	30.94	31.17	31.22	31.19	30.92	30.63	30.24
99.0	32.22	32.16	32.27	32.38	32.59	32.63	32.58	32.34	32.04	31.60
102.0	33.95	33.83	33.93	33.99	34.18	34.20	34.21	33.93	33.62	33.14
105.0	35.80	35.63	35.69	35.72	35.89	35.89	35.92	35.61	35.33	34.90
108.0	37.65	37.52	37.54	37.55	37.67	37.69	37.71	37.42	37.16	36.77
111.0	39.65	39.42	39.42	39.41	39.53	39.54	39.63	39.31	39.05	38.64
114.0	41.50	41.33	41.27	41.25	41.39	41.43	41.47	41.19	40.93	40.51
117.0	43.45	43.26	43.16	43.14	43.28	43.35	43.38	43.14	42.83	42.43
120.0	45.43	45.16	45.02	44.98	45.14	45.25	45.30	45.05	44.74	44.33
123.0	47.34	47.03	46.82	46.73	46.92	47.08	47.17	46.89	46.54	46.15
126.0	49.11	48.81	48.54	48.45	48.64	48.81	48.89	48.62	48.30	47.91
129.0	50.75	50.49	50.19	50.12	50.30	50.52	50.56	50.32	49.96	49.63
132.0	52.36	52.06	51.81	51.74	51.90	52.08	52.12	51.89	51.52	51.21
135.0	53.90	53.62	53.39	53.33	53.49	53.61	53.60	53.40	53.02	52.72
138.0	55.38	55.20	54.98	54.94	55.05	55.15	55.12	54.90	54.53	54.21
141.0	56.94	56.73	56.59	56.54	56.59	56.64	56.64	56.41	56.06	55.71
144.0	58.45	58.36	58.22	58.17	58.14	58.15	58.18	57.96	57.64	57.28
147.0	60.10	60.05	59.93	59.82	59.72	59.69	59.73	59.57	59.24	58.90
150.0	61.81	61.78	61.65	61.48	61.34	61.31	61.42	61.21	60.89	60.57
153.0	63.57	63.57	63.42	63.22	63.01	63.07	63.10	62.94	62.62	62.33
156.0	65.48	65.42	65.25	64.96	64.83	64.86	64.93	64.76	64.48	64.19
159.0	67.32	67.26	67.05	66.76	66.66	66.70	66.79	66.59	66.32	66.10
162.0	69.18	69.09	68.81	68.57	68.43	68.51	68.53	68.41	68.17	68.03
165.0	70.96	70.80	70.49	70.21	70.14	70.22	70.31	70.14	69.98	69.86
168.0	72.48	72.24	71.88	71.69	71.68	71.78	71.86	71.77	71.62	71.54
171.0	73.56	73.39	73.06	72.95	73.02	73.14	73.24	73.17	73.03	72.92
174.0	74.43	74.28	74.02	74.02	74.09	74.27	74.31	74.19	74.06	73.98
177.0	74.94	74.87	74.68	74.72	74.83	74.99	74.91	74.84	74.78	74.68
180.0	75.21	75.17	75.01	75.14	75.24	75.29	75.21	75.24	75.16	75.02
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	7228	7224	7286	7274	7268	7262	7257	7253	7246	7242
3.0	7229	7234	7273	7264	7260	7253	7247	7240	7233	7224
6.0	7216	7215	7248	7236	7233	7225	7221	7209	7202	7190
9.0	7187	7186	7196	7185	7185	7176	7171	7159	7149	7137
12.0	7136	7135	7127	7115	7117	7107	7102	7091	7079	7065
15.0	7063	7065	7038	7025	7025	7017	7016	7003	6992	6972
18.0	6972	6971	6926	6914	6915	6907	6910	6897	6886	6860
21.0	6856	6861	6799	6786	6791	6783	6785	6772	6758	6733
24.0	6732	6730	6649	6641	6641	6634	6642	6630	6616	6587
27.0	6578	6581	6484	6475	6482	6467	6478	6464	6452	6418
30.0	6407	6417	6306	6291	6299	6282	6292	6276	6264	6225

H(h) Range:-90 - 90DEG
 H(h) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:tao
 Test Date:2020-01-16

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:7.275m [K=1.0000]
 Remarks: AX-Square lumileds3030s 4000K Tridonic

Photometric Data Table [cd]

33.0	6236	6237	6102	6089	6097	6076	6085	6066	6050	6009
36.0	6022	6029	5875	5863	5870	5856	5851	5833	5819	5778
39.0	5793	5807	5633	5616	5627	5606	5598	5584	5567	5525
42.0	5548	5563	5362	5355	5366	5338	5331	5094	5077	5031
45.0	5288	5297	5083	5066	5079	5044	4825	4811	4799	4748
48.0	4984	5009	4534	4712	4774	4732	4530	4359	4296	4333
51.0	4701	4492	3973	4133	4434	4218	4112	4004	3988	3930
54.0	4143	3920	3451	3513	3874	3880	3701	3505	3489	3436
57.0	3575	3394	2931	2924	3276	3355	3205	3166	3085	3099
60.0	3069	2876	2270	2443	2528	2826	2853	2674	2665	2616
63.0	2437	2252	1732	1848	2064	2133	2366	2210	2148	2155
66.0	1835	1744	1228	1330	1475	1583	1880	1764	1717	1717
69.0	1347	1227	701.1	785.3	1008	1077	1341	1298	1280	1248
72.0	836.3	696.9	328.8	397.5	544.5	708.5	905.6	912.0	881.2	868.8
75.0	406.9	333.5	241.4	255.2	282.2	374.5	497.4	562.0	539.4	514.9
78.0	266.5	246.2	167.9	179.8	205.0	216.8	270.0	299.0	269.4	250.8
81.0	189.7	176.2	148.7	153.8	154.8	156.5	164.9	165.8	158.0	156.6
84.0	157.5	155.5	118.4	120.1	123.2	118.3	121.0	124.5	122.7	115.3
87.0	121.1	120.4	67.04	65.39	67.45	63.26	64.93	62.87	62.01	49.86
90.0	64.29	66.08	23.01	23.22	23.30	23.56	23.73	24.01	24.07	24.20
93.0	28.83	28.55	23.99	24.22	24.36	24.68	24.84	25.16	25.19	25.34
96.0	29.96	29.65	25.25	25.48	25.67	26.02	26.24	26.53	26.59	26.71
99.0	31.32	31.00	26.70	26.97	27.17	27.57	27.81	28.11	28.20	28.27
102.0	32.89	32.54	28.41	28.63	28.90	29.26	29.54	29.81	29.91	29.96
105.0	34.61	34.24	30.11	30.43	30.61	31.05	31.25	31.62	31.63	31.74
108.0	36.47	36.11	32.10	32.32	32.58	32.91	33.17	33.51	33.57	33.61
111.0	38.36	38.01	34.06	34.29	34.47	34.87	35.11	35.46	35.57	35.54
114.0	40.24	39.90	36.03	36.28	36.41	36.85	37.03	37.45	37.47	37.50
117.0	42.13	41.83	38.16	38.35	38.48	38.86	39.11	39.46	39.54	39.50
120.0	44.03	43.76	40.24	40.40	40.53	40.85	41.14	41.44	41.49	41.45
123.0	45.88	45.64	42.21	42.42	42.44	42.76	42.96	43.34	43.34	43.34
126.0	47.69	47.49	44.24	44.35	44.39	44.63	44.90	45.19	45.25	45.18
129.0	49.40	49.24	46.08	46.20	46.26	46.41	46.62	46.96	46.99	46.99
132.0	51.03	50.88	47.75	47.93	47.93	48.09	48.33	48.68	48.75	48.74
135.0	52.58	52.43	49.57	49.66	49.75	49.84	50.08	50.44	50.57	50.55
138.0	54.07	53.91	51.31	51.43	51.47	51.63	51.91	52.24	52.33	52.35
141.0	55.55	55.40	53.15	53.27	53.32	53.49	53.76	54.10	54.13	54.17
144.0	57.11	56.94	55.13	55.21	55.31	55.46	55.73	56.04	56.06	56.04
147.0	58.72	58.54	57.24	57.27	57.39	57.52	57.76	58.03	58.08	58.01
150.0	60.41	60.21	59.35	59.43	59.47	59.64	59.81	60.09	60.07	60.05
153.0	62.18	62.00	61.59	61.68	61.70	61.86	61.95	62.24	62.18	62.17
156.0	64.09	63.88	63.96	63.98	64.05	64.09	64.17	64.38	64.36	64.31
159.0	66.02	65.83	66.14	66.21	66.20	66.26	66.25	66.46	66.38	66.38
162.0	67.92	67.76	68.32	68.30	68.37	68.37	68.37	68.48	68.45	68.38
165.0	69.77	69.63	70.28	70.23	70.28	70.30	70.34	70.39	70.37	70.24
168.0	71.44	71.34	71.81	71.85	71.88	71.92	71.99	72.10	72.09	71.95
171.0	72.81	72.73	73.10	73.09	73.19	73.21	73.30	73.34	73.49	73.32
174.0	73.83	73.70	74.17	74.06	74.17	74.22	74.32	74.29	74.39	74.39
177.0	74.48	74.40	74.96	74.82	74.83	74.90	75.03	74.98	75.05	75.04
180.0	74.81	74.80	75.27	75.10	75.08	75.08	75.29	75.23	75.25	75.18
G/C	300.0	315.0	330.0	345.0						
0.0	7234	7232	7228	7224						
3.0	7221	7211	7208	7201						
6.0	7181	7172	7165	7153						
9.0	7129	7112	7104	7089						
12.0	7054	7032	7020	7005						
15.0	6958	6936	6921	6900						
18.0	6843	6816	6805	6780						
21.0	6715	6682	6664	6641						
24.0	6562	6525	6513	6486						
27.0	6394	6353	6335	6311						
30.0	6212	6158	6145	6112						
33.0	5993	5951	5935	5897						
36.0	5753	5722	5696	5660						
39.0	5496	5467	5442	5402						
42.0	5232	5190	5163	5128						
45.0	4746	4884	4875	4831						
48.0	4428	4567	4553	4272						
51.0	4096	4076	4002	3704						
54.0	3592	3610	3417	3034						
57.0	3134	2978	2769	2517						
60.0	2745	2394	2145	1907						
63.0	2212	1799	1618	1381						
66.0	1623	1259	1119	862.4						

H(h) Range:-90 - 90DEG
 H(h) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:tao
 Test Date:2020-01-16

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:7.275m [K=1.0000]
 Remarks: AX-Square lumileds3030s 4000K Tridonic

Photometric Data Table [cd]

69.0	1120	854.9	627.3	444.1
72.0	675.4	465.0	302.5	272.9
75.0	401.7	247.6	223.2	191.2
78.0	216.6	179.3	162.2	155.0
81.0	146.2	138.4	137.8	130.8
84.0	102.7	91.85	91.35	82.43
87.0	42.37	35.02	32.96	28.50
90.0	24.03	23.90	23.64	23.56
93.0	25.15	25.05	24.76	24.73
96.0	26.54	26.41	26.14	26.10
99.0	28.07	27.97	27.71	27.70
102.0	29.81	29.68	29.48	29.44
105.0	31.50	31.47	31.21	31.29
108.0	33.43	33.33	33.19	33.23
111.0	35.32	35.27	35.12	35.23
114.0	37.23	37.21	37.04	37.25
117.0	39.23	39.16	39.07	39.28
120.0	41.16	41.06	41.06	41.29
123.0	42.97	42.90	42.88	43.23
126.0	44.84	44.72	44.76	45.06
129.0	46.67	46.52	46.57	46.84
132.0	48.41	48.32	48.25	48.56
135.0	50.34	50.18	50.13	50.34
138.0	52.20	52.10	52.00	52.17
141.0	54.04	54.05	53.88	54.06
144.0	56.01	56.04	56.01	56.07
147.0	57.99	58.08	58.11	58.19
150.0	59.95	60.18	60.21	60.37
153.0	62.04	62.30	62.39	62.58
156.0	64.21	64.42	64.60	64.76
159.0	66.22	66.44	66.57	66.83
162.0	68.25	68.36	68.57	68.79
165.0	70.11	70.07	70.25	70.47
168.0	71.78	71.62	71.72	71.89
171.0	73.16	72.94	72.97	73.06
174.0	74.24	73.99	73.96	73.98
177.0	74.97	74.74	74.64	74.62
180.0	75.20	74.99	74.84	74.76

H(b) Range:-90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tao
Test Date:2020-01-16

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:7.275m [K=1.0000]
Remarks: AX-Square lumileds3030s 4000K Tridonic