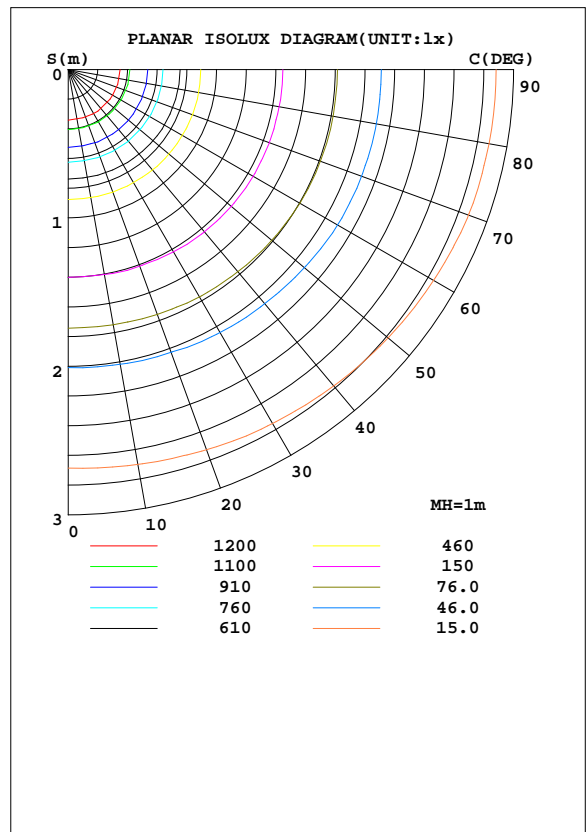
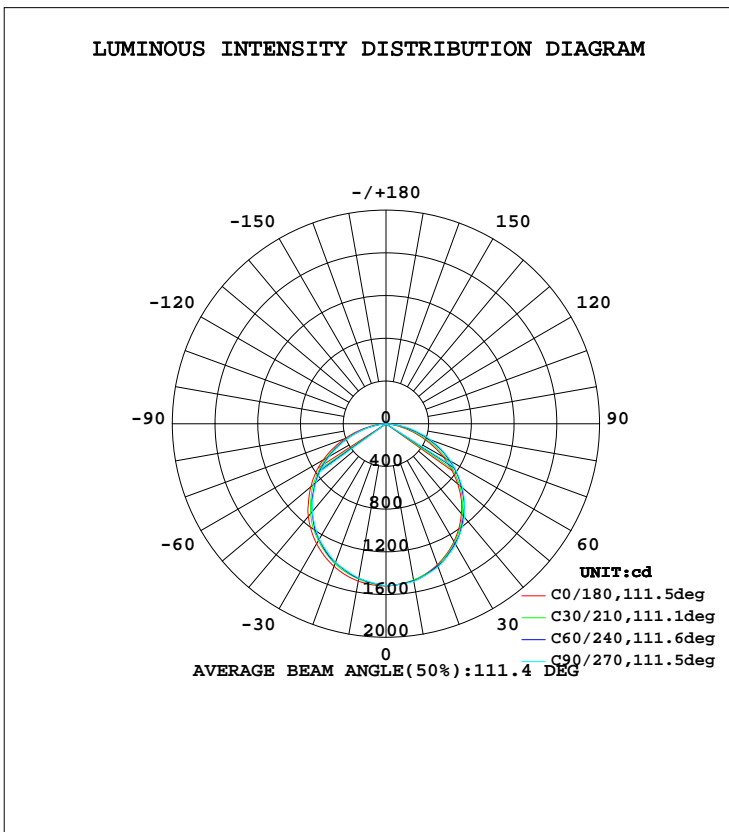


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.33 lm/W			
MODEL		I _{max} (cd)	1519	S/MH(C0/180)	1.25
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4213.9	η UP, DN(C0-180)	0.0, 51.7
NOMINAL FLUX(lm)	4213.89	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 48.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.4	η down(%)	100.0	CIBSE SHR MAX	1.35



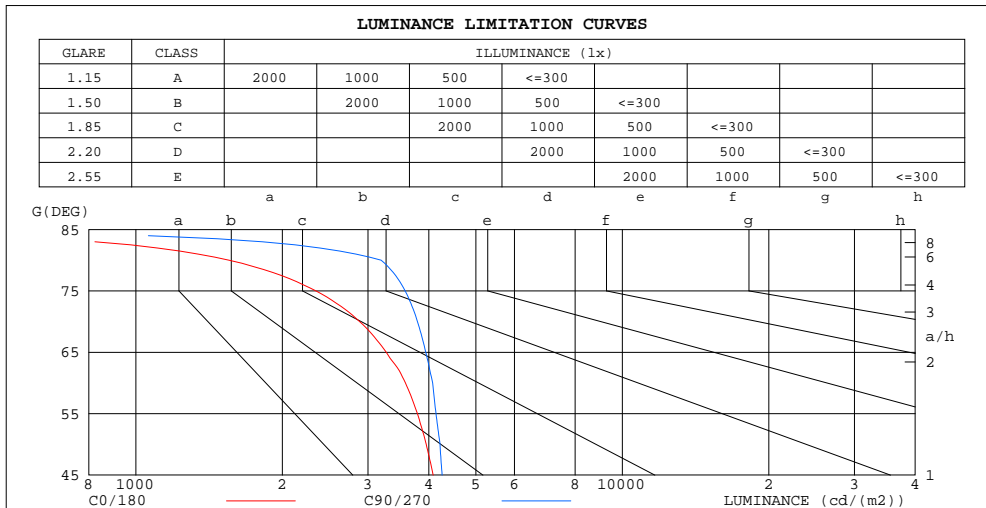
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	ℓlum
5	1510	1507	1509	1510	1514	1498	1493	1495	0- 5	36.09	36.09	0.86
10	1488	1489	1499	1495	1496	1472	1468	1466	5- 10	106.8	142.9	3.39
15	1453	1461	1463	1469	1465	1437	1428	1425	10- 15	173.8	316.7	7.52
20	1405	1412	1428	1423	1422	1386	1382	1374	15- 20	234.8	551.6	13.1
25	1345	1357	1367	1372	1366	1330	1315	1316	20- 25	288.1	839.6	19.9
30	1273	1289	1307	1305	1298	1260	1248	1243	25- 30	331.4	1171	27.8
35	1191	1210	1225	1227	1220	1178	1161	1160	30- 35	363.9	1535	36.4
40	1099	1125	1144	1143	1132	1089	1074	1073	35- 40	383.9	1919	45.5
45	996.0	1023	1040	1040	1026	983.6	964.4	962.9	40- 45	390.7	2310	54.8
50	876.8	920.1	935.8	935.6	919.6	875.8	854.6	861.1	45- 50	383.4	2693	63.9
55	750.1	797.4	819.3	818.4	805.2	755.3	733.9	734.5	50- 55	363.1	3056	72.5
60	617.8	670.2	702.7	700.0	680.4	633.8	613.2	604.2	55- 60	329.8	3386	80.3
65	476.9	535.0	575.1	571.5	546.6	502.0	483.8	468.2	60- 65	284.7	3671	87.1
70	340.4	401.6	447.5	439.4	410.3	368.7	354.4	335.3	65- 70	229.3	3900	92.5
75	209.4	270.2	319.4	304.5	276.5	235.7	228.8	206.1	70- 75	167.7	4068	96.5
80	93.04	150.4	191.2	179.9	152.9	116.3	103.3	93.07	75- 80	103.9	4171	99
85	2.156	33.90	0	44.79	49.55	20.04	0	12.17	80- 85	40.56	4212	100
90	0	0	0	0	0	0	0	0	85- 90	1.860	4214	100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	72	0
80	1553	3192
75	2345	3577
70	2885	3793
65	3271	3944
60	3581	4074
55	3791	4140
50	3954	4220
45	4083	4262

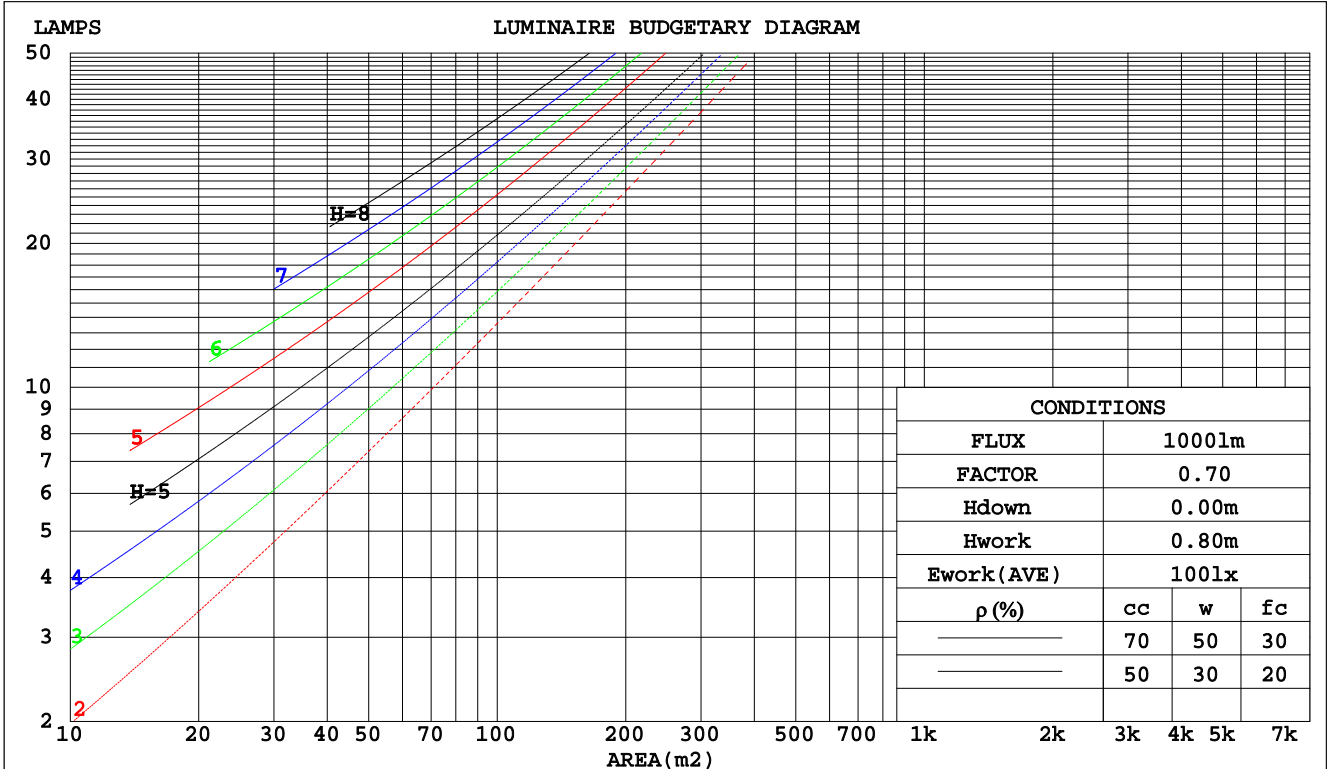
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: 01
Test Date: 2022-6-8

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity: 45%
Test Distance: 14.800m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.05	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.92	.89	.91	.88	.87	.85
2.0	.91	.84	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.71
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.71	.62	.56	.70	.61	.55	.67	.60	.54	.65	.59	.54	.63	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.47	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.298	.169	.054	.291	.166	.053	.277	.159	.051	.265	.153	.049	.254	.147	.047	
2.0	.285	.156	.048	.278	.153	.047	.267	.148	.046	.256	.144	.045	.246	.139	.044	
3.0	.265	.141	.042	.260	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040	
4.0	.246	.128	.038	.241	.126	.037	.232	.123	.037	.223	.120	.036	.215	.117	.036	
5.0	.228	.116	.034	.224	.115	.033	.215	.112	.033	.208	.110	.033	.201	.107	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.197	.098	.028	.194	.097	.028	.188	.095	.027	.181	.093	.027	.176	.091	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.151	.075	.021	.147	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.179	.156	.135	.154	.134	.116	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.085	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.140	.099	.065	.096	.068	.046	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.090	.048	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm										
NAME: SRPL60X60-36WH 4000K IP65					TYPE:			WEIGHT:		
DIM.: 600*600					SPEC.:4000K			SERIAL No.:		
MFR.: Tsong					SUR.:0.588*0.588			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	17.5	19.0	17.8	19.2	19.4	18.0	19.5	18.3	19.7	19.9
3H	18.8	20.2	19.1	20.4	20.6	19.6	21.0	19.9	21.2	21.5
4H	19.2	20.5	19.5	20.7	21.0	20.3	21.6	20.6	21.8	22.1
6H	19.3	20.6	19.7	20.9	21.1	20.7	22.0	21.1	22.3	22.5
8H	19.3	20.5	19.7	20.8	21.1	20.8	22.0	21.2	22.3	22.6
12H	19.3	20.4	19.6	20.7	21.0	20.8	22.0	21.1	22.2	22.5
4H 2H	18.2	19.5	18.5	19.8	20.0	18.6	19.9	18.9	20.1	20.4
3H	19.6	20.8	20.0	21.1	21.4	20.4	21.5	20.7	21.8	22.1
4H	20.1	21.2	20.5	21.5	21.8	21.1	22.2	21.5	22.5	22.8
6H	20.4	21.3	20.8	21.7	22.0	21.7	22.7	22.1	23.0	23.4
8H	20.4	21.3	20.8	21.6	22.0	21.9	22.7	22.3	23.1	23.5
12H	20.4	21.2	20.8	21.6	22.0	21.8	22.6	22.3	23.0	23.4
8H 4H	20.4	21.3	20.8	21.6	22.0	21.3	22.2	21.7	22.6	22.9
6H	20.8	21.5	21.2	21.9	22.3	22.0	22.8	22.5	23.2	23.6
8H	20.9	21.5	21.3	21.9	22.4	22.2	22.9	22.7	23.3	23.7
12H	20.8	21.4	21.3	21.8	22.3	22.2	22.8	22.7	23.2	23.7
12H 4H	20.4	21.2	20.9	21.6	22.0	21.3	22.1	21.7	22.5	22.9
6H	20.8	21.5	21.3	21.9	22.4	22.1	22.7	22.5	23.1	23.6
8H	20.9	21.5	21.4	21.9	22.4	22.3	22.8	22.7	23.3	23.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 4214 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

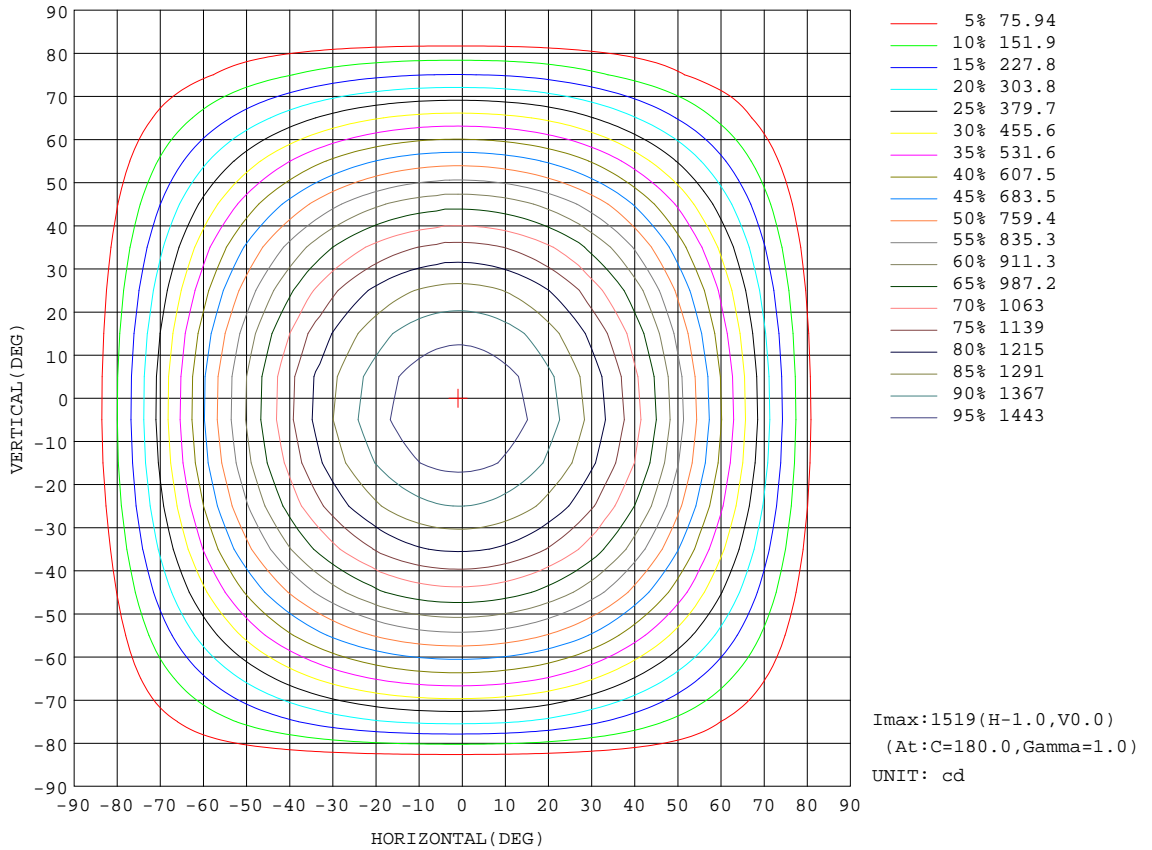
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	58	75	65	58	73	66	58	51
1.25	84	73	66	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	76	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	95	100	96	93	84
5.00	109	104	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

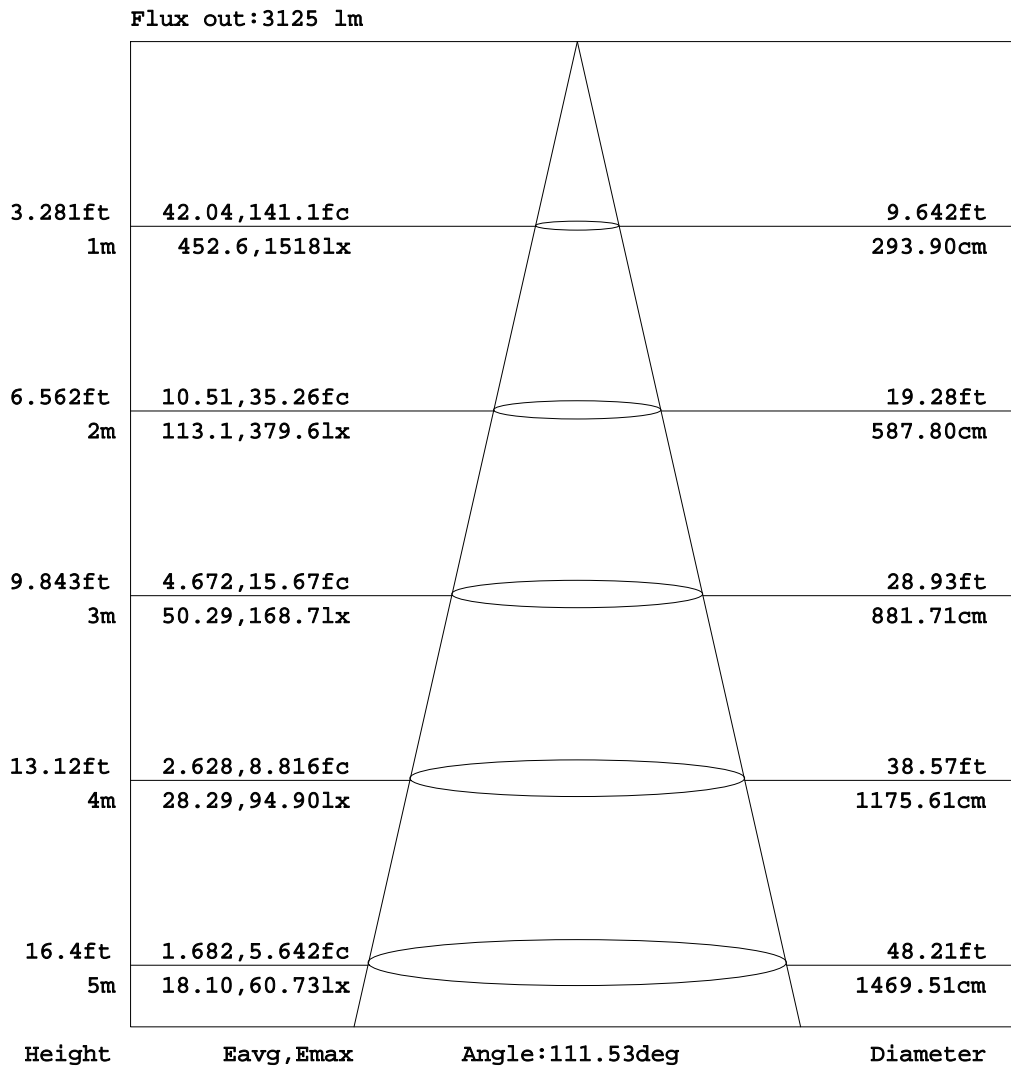


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:



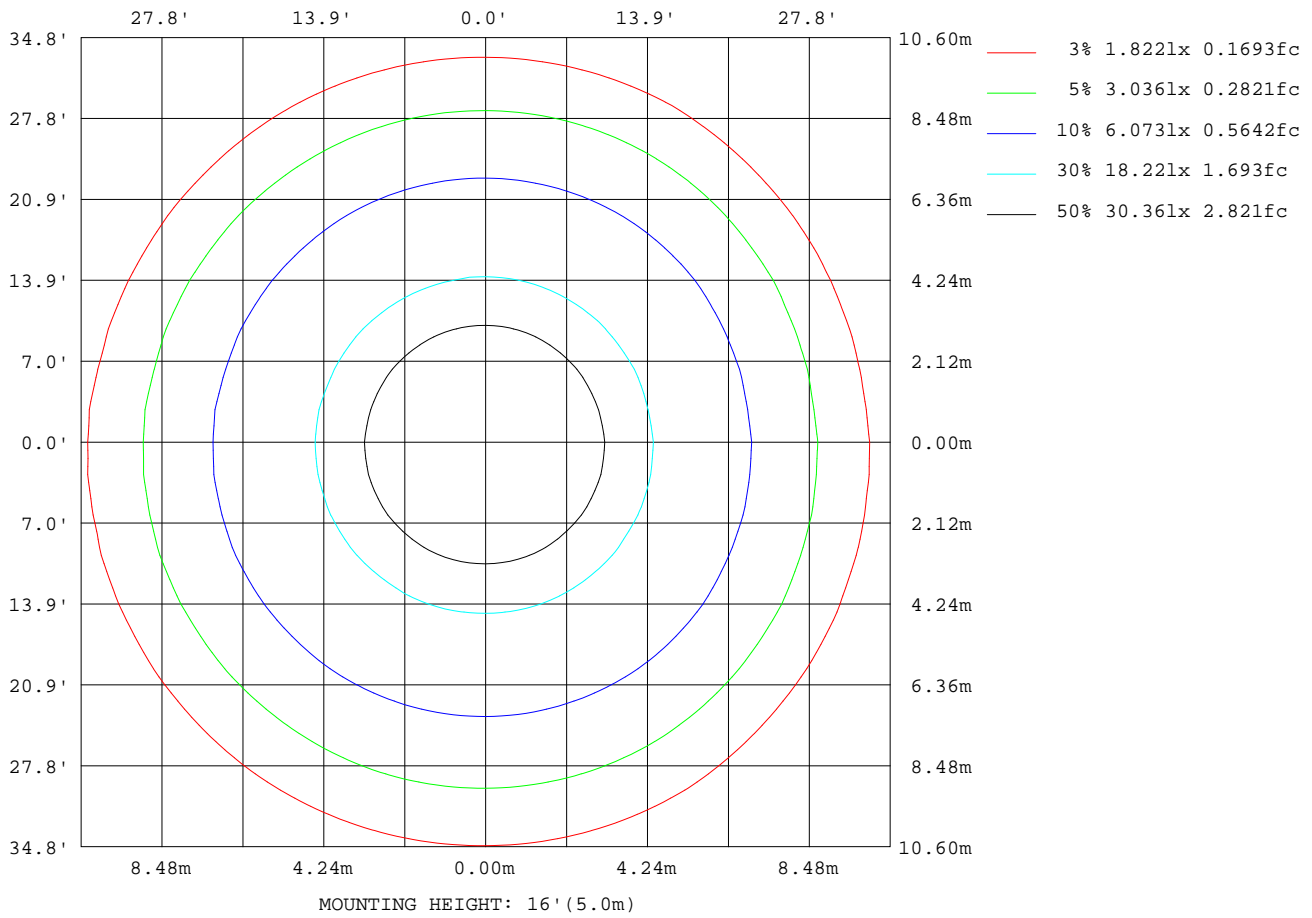
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

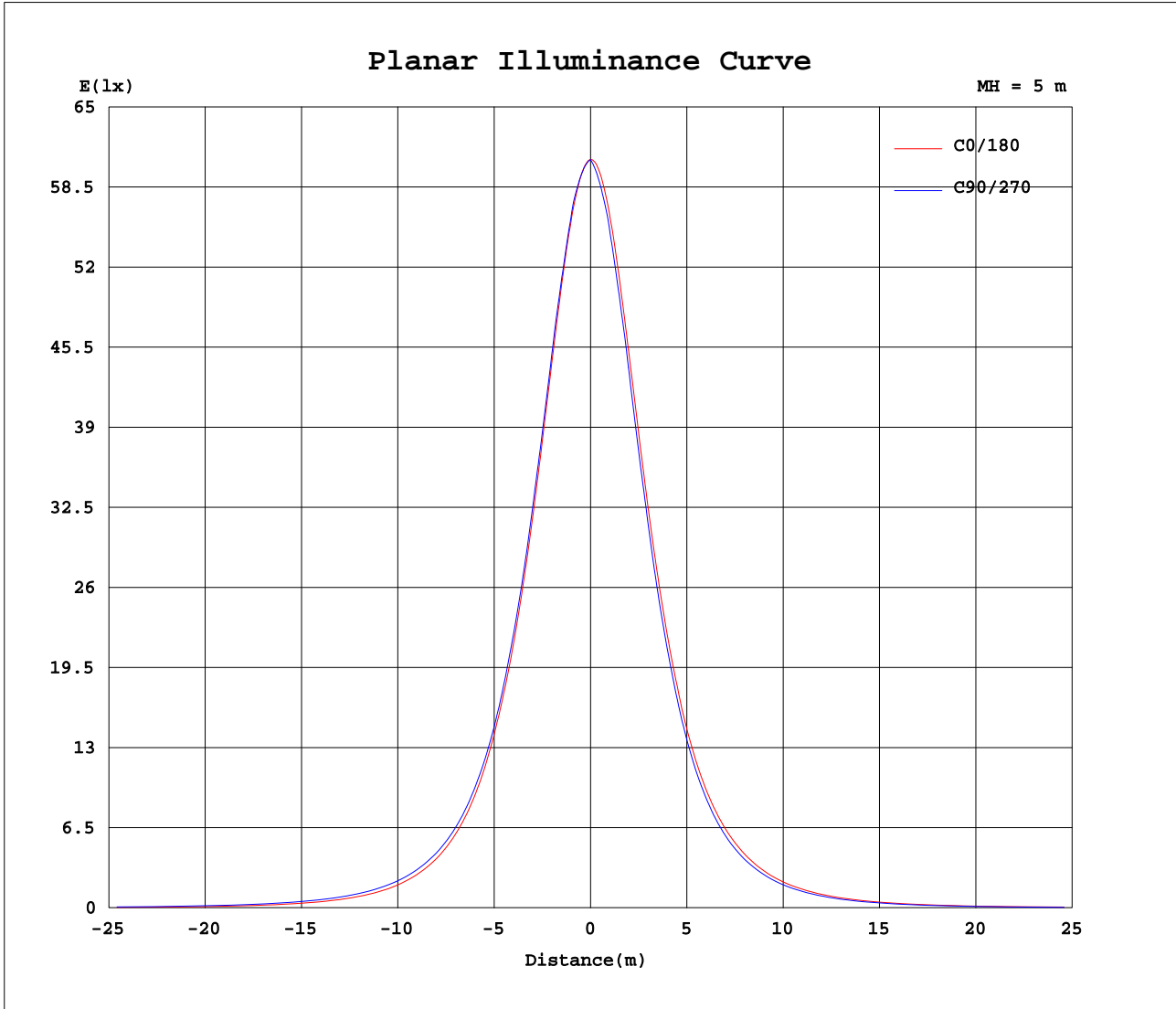
Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: 01
 Test Date: 2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity: 45%
 Test Distance: 14.800m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
5	1510	1509	1508	1508	1507	1507	1507	1507	1507	1507	1507	1507	1507	1508	1508	1508	1508	1508	1509
10	1488	1486	1485	1485	1485	1485	1485	1486	1488	1489	1491	1492	1494	1495	1496	1497	1498	1498	1499
15	1453	1451	1450	1450	1451	1452	1455	1458	1461	1461	1460	1460	1460	1461	1461	1462	1462	1463	1463
20	1405	1402	1402	1403	1405	1410	1413	1412	1412	1412	1413	1415	1417	1419	1422	1423	1425	1427	1428
25	1345	1342	1342	1345	1351	1352	1351	1352	1354	1357	1362	1363	1362	1363	1364	1364	1365	1367	1367
30	1273	1271	1273	1278	1281	1279	1281	1285	1290	1289	1290	1292	1294	1297	1300	1302	1304	1306	1307
35	1191	1189	1192	1199	1197	1199	1205	1206	1207	1210	1214	1219	1220	1220	1221	1222	1223	1224	1225
40	1099	1098	1104	1106	1106	1112	1111	1114	1121	1125	1125	1126	1129	1132	1135	1138	1140	1142	1144
45	996	992	997	999	1008	1008	1009	1014	1017	1023	1027	1032	1034	1035	1035	1036	1037	1039	1040
50	877	873	877	884	890	893	900	905	913	920	920	921	923	926	928	930	933	935	936
55	750	747	752	763	763	770	776	788	793	797	803	808	810	811	813	815	817	818	819
60	618	617	622	627	633	640	651	655	662	670	677	682	687	691	694	697	699	701	703
65	477	482	486	493	497	504	513	521	527	535	544	553	561	565	568	571	572	574	575
70	340	344	349	355	362	371	377	385	394	402	410	418	426	433	441	443	445	446	448
75	209	214	219	225	233	239	247	255	263	270	279	287	295	303	310	314	317	318	319
80	93.0	98.0	102	109	116	122	129	137	144	150	157	162	168	174	179	185	190	190	191
85	2.16	2.80	9.52	17.9	23.2	26.1	29.1	34.3	35.6	33.9	30.4	25.8	20.6	15.4	10.4	6.17	2.85	0.72	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

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
5	1509	1509	1509	1509	1509	1509	1510	1510	1510	1510	1510	1510	1511	1511	1512	1512	1513	1514	1512
10	1499	1499	1499	1499	1498	1498	1497	1496	1495	1494	1493	1492	1492	1492	1493	1494	1495	1496	1492
15	1464	1464	1465	1465	1466	1466	1467	1468	1469	1470	1467	1465	1463	1462	1462	1462	1463	1465	1459
20	1428	1428	1428	1427	1426	1425	1424	1423	1423	1423	1424	1427	1424	1420	1419	1418	1419	1422	1414
25	1368	1369	1369	1370	1371	1372	1374	1375	1372	1369	1368	1368	1369	1369	1364	1362	1363	1366	1356
30	1308	1308	1307	1307	1306	1305	1304	1304	1305	1308	1304	1301	1300	1302	1299	1296	1295	1298	1287
35	1226	1227	1228	1229	1230	1231	1232	1229	1227	1226	1228	1228	1223	1222	1224	1219	1217	1220	1212
40	1144	1145	1145	1144	1143	1143	1138	1140	1143	1141	1138	1138	1140	1134	1133	1132	1129	1132	1124
45	1041	1042	1043	1044	1046	1043	1042	1040	1040	1041	1045	1040	1036	1034	1032	1037	1027	1026	1021
50	937	937	937	937	937	934	933	934	936	933	933	936	930	927	925	927	922	920	915
55	820	821	822	822	823	823	823	820	818	818	819	817	820	814	813	810	808	805	802
60	704	704	704	703	702	701	700	700	700	697	695	696	694	696	689	686	686	680	678
65	576	577	577	577	577	577	577	574	571	568	568	563	561	558	556	553	552	547	541
70	448	449	449	449	448	447	445	442	439	436	431	427	424	421	417	414	411	410	401
75	320	321	321	321	319	317	314	309	304	301	297	293	289	285	283	280	279	277	267
80	192	193	193	193	191	189	186	183	180	176	172	167	164	161	156	152	153	153	142
85	0.73	2.90	6.48	11.3	17.1	23.7	30.7	37.9	44.8	50.9	55.6	57.7	56.2	53.7	48.3	40.7	36.0	49.5	36.2
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

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
5	1509	1507	1506	1504	1502	1501	1499	1498	1498	1497	1496	1495	1494	1494	1493	1493	1493	1493	1493
10	1488	1485	1481	1479	1477	1475	1474	1472	1471	1470	1470	1469	1469	1469	1468	1468	1468	1467	1467
15	1454	1450	1446	1443	1441	1440	1439	1437	1434	1432	1430	1429	1427	1426	1426	1425	1425	1424	1424
20	1407	1403	1399	1398	1396	1392	1388	1386	1385	1384	1384	1383	1383	1382	1383	1382	1382	1381	1379
25	1349	1345	1342	1339	1334	1331	1330	1330	1331	1328	1325	1322	1320	1318	1317	1316	1315	1314	1313
30	1280	1277	1273	1268	1265	1265	1266	1260	1256	1254	1252	1251	1250	1250	1250	1249	1248	1247	1246
35	1209	1206	1192	1189	1190	1185	1180	1178	1177	1177	1172	1168	1164	1162	1161	1163	1161	1160	1159
40	1122	1114	1105	1105	1097	1093	1092	1089	1083	1078	1075	1073	1071	1069	1068	1077	1074	1073	1071
45	1025	1011	1002	996	995	997	989	984	980	978	975	971	967	965	963	967	964	963	963
50	913	900	893	891	891	883	878	876	870	865	863	860	859	858	857	856	855	854	853
55	793	784	779	778	770	767	760	755	753	751	748	744	741	739	737	735	734	733	732
60	665	659	659	650	647	640	637	634	629	625	623	620	619	617	616	614	613	612	611
65	531	524	520	515	511	509	505	502	501	499	496	493	491	488	487	485	484	483	482
70	393	387	383	378	374	372	371	369	367	365	364	363	361	359	357	356	354	354	353
75	259	253	249	245	243	240	238	236	235	235	235	235	234	233	231	230	229	228	228
80	135	130	126	123	120	119	118	116	114	112	111	109	108	107	106	104	103	103	103
85	29.9	27.6	25.7	20.3	16.6	20.3	21.1	20.0	17.8	15.0	11.9	8.77	5.90	3.45	1.56	0.39	0.00	0.39	1.53
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

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: 01
 Test Date: 2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity: 45%
 Test Distance: 14.800m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.7V I:0.1613A P:35.61W PF:0.9571 Lamp Flux:4213.89x1 lm		
NAME: SRPL60X60-36WH 4000K IP65	TYPE:	WEIGHT:
DIM.: 600*600	SPEC.:4000K	SERIAL No.:
MFR.: Tsong	SUR.:0.588*0.588	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518				
5	1493	1493	1493	1494	1494	1495	1495	1496	1497	1499	1500	1502	1504	1505	1507				
10	1466	1466	1466	1466	1466	1466	1466	1467	1468	1469	1471	1474	1476	1480	1484				
15	1423	1423	1424	1424	1425	1426	1428	1430	1430	1430	1432	1434	1437	1441	1446				
20	1378	1377	1376	1375	1374	1374	1374	1376	1378	1382	1383	1384	1386	1391	1397				
25	1313	1313	1314	1314	1316	1318	1316	1315	1315	1317	1320	1323	1325	1329	1335				
30	1245	1243	1242	1241	1241	1241	1243	1247	1245	1244	1246	1251	1254	1256	1263				
35	1159	1159	1160	1161	1163	1161	1160	1161	1163	1166	1164	1166	1172	1174	1180				
40	1070	1068	1067	1066	1067	1068	1073	1064	1065	1069	1076	1074	1077	1078	1084				
45	963	963	965	967	968	967	963	963	966	966	970	975	971	975	980				
50	852	851	851	852	853	856	861	857	854	855	852	856	855	855	860				
55	732	732	733	735	736	736	734	735	736	729	729	728	734	730	734				
60	610	610	610	609	607	606	604	602	601	603	598	598	599	601	603				
65	482	482	481	480	476	472	468	466	466	464	463	462	464	465	468				
70	353	353	349	345	341	338	335	333	330	330	330	328	329	329	332				
75	227	225	221	217	213	209	206	205	203	202	200	201	200	201	203				
80	101	98.4	96.8	95.6	94.6	93.9	93.1	91.9	90.0	87.4	87.2	86.6	86.6	86.9	88.2				
85	3.22	5.30	7.56	9.74	11.5	12.5	12.2	9.95	5.09	0.00	9.40	11.8	2.06	3.85	2.25				
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				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:01
 Test Date:2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity:45%
 Test Distance:14.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
2.5	1515	1515	1515	1515	1514	1514	1514	1514	1513	1513
5.0	1510	1509	1508	1508	1507	1507	1507	1507	1507	1507
7.5	1500	1499	1498	1497	1497	1497	1497	1498	1498	1499
10.0	1488	1486	1485	1485	1485	1485	1485	1486	1488	1489
12.5	1472	1470	1469	1469	1469	1470	1471	1473	1475	1478
15.0	1453	1451	1450	1450	1451	1452	1455	1458	1461	1461
17.5	1430	1428	1427	1428	1430	1432	1436	1439	1438	1437
20.0	1405	1402	1402	1403	1405	1410	1413	1412	1412	1412
22.5	1376	1374	1374	1376	1379	1385	1383	1382	1383	1385
25.0	1345	1342	1342	1345	1351	1352	1351	1352	1354	1357
27.5	1310	1308	1309	1312	1319	1316	1317	1319	1323	1328
30.0	1273	1271	1273	1278	1281	1279	1281	1285	1290	1289
32.5	1234	1231	1234	1240	1240	1240	1244	1250	1249	1250
35.0	1191	1189	1192	1199	1197	1199	1205	1206	1207	1210
37.5	1146	1145	1149	1153	1153	1157	1161	1161	1164	1169
40.0	1099	1098	1104	1106	1106	1112	1111	1114	1121	1125
42.5	1050	1045	1050	1054	1059	1062	1060	1063	1076	1074
45.0	996.0	991.8	997.4	998.9	1008	1008	1009	1014	1017	1023
47.5	937.0	933.0	938.2	942.1	952.8	952.3	957.2	960.4	964.0	972.1
50.0	876.8	872.7	877.3	883.6	889.8	892.6	900.4	904.6	912.5	920.1
52.5	813.8	810.7	815.0	824.1	826.7	832.3	838.1	846.6	859.6	859.2
55.0	750.1	747.4	751.7	762.5	762.6	769.6	776.2	787.9	793.3	797.4
57.5	684.5	682.7	687.6	695.1	698.7	704.7	714.6	722.3	727.2	734.8
60.0	617.8	616.9	622.3	627.4	633.4	640.2	651.0	654.6	662.0	670.2
62.5	548.9	550.3	555.0	559.7	564.2	576.3	581.4	588.0	595.9	602.2
65.0	476.9	482.0	485.7	492.6	496.6	504.0	513.3	521.1	527.2	535.0
67.5	408.2	412.5	416.5	423.7	430.2	436.3	446.4	452.2	459.8	468.9
70.0	340.4	344.1	349.0	355.2	362.0	371.1	377.4	384.8	393.6	401.6
72.5	273.8	277.3	284.3	289.5	296.6	304.0	310.9	319.1	327.3	335.3
75.0	209.4	213.5	219.5	225.3	233.2	239.4	247.1	255.1	262.7	270.2
77.5	148.8	153.2	158.6	165.9	171.6	178.7	186.2	193.1	200.9	209.3
80.0	93.04	97.96	102.1	108.7	115.6	122.3	128.6	136.6	143.9	150.4
82.5	43.91	45.00	48.87	57.74	65.22	71.58	77.82	83.17	88.03	92.40
85.0	2.156	2.803	9.517	17.93	23.23	26.12	29.14	34.34	35.55	33.90
87.5	0	0	0	0	0.0010	2.216	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
2.5	1513	1513	1513	1513	1513	1513	1513	1513	1513	1514
5.0	1507	1507	1507	1508	1508	1508	1508	1508	1509	1509
7.5	1500	1500	1501	1501	1502	1503	1503	1503	1504	1504
10.0	1491	1492	1494	1495	1496	1497	1498	1498	1499	1499
12.5	1480	1482	1481	1481	1481	1480	1481	1481	1481	1482
15.0	1460	1460	1461	1461	1461	1462	1462	1463	1463	1464
17.5	1437	1438	1439	1440	1441	1443	1444	1445	1445	1446
20.0	1413	1415	1417	1419	1422	1423	1425	1427	1428	1428
22.5	1388	1391	1395	1395	1395	1395	1396	1397	1397	1398
25.0	1362	1363	1362	1363	1364	1364	1365	1367	1367	1368
27.5	1327	1327	1329	1330	1332	1333	1335	1336	1337	1338
30.0	1290	1292	1294	1297	1300	1302	1304	1306	1307	1308
32.5	1252	1256	1260	1264	1264	1264	1264	1265	1266	1267
35.0	1214	1219	1220	1220	1221	1222	1223	1224	1225	1226
37.5	1174	1173	1175	1176	1178	1180	1182	1183	1185	1185
40.0	1125	1126	1129	1132	1135	1138	1140	1142	1144	1144
42.5	1076	1080	1083	1088	1088	1089	1090	1091	1092	1093
45.0	1027	1032	1034	1035	1035	1036	1037	1039	1040	1041
47.5	978.1	977.8	978.6	980.1	981.4	983.3	985.1	986.6	987.8	988.7
50.0	919.9	921.0	923.0	925.5	928.0	930.5	932.7	934.5	935.8	936.6
52.5	861.4	864.2	867.5	871.2	872.7	873.9	875.2	876.4	877.5	878.6
55.0	803.2	807.5	809.8	811.3	813.0	814.8	816.5	818.0	819.3	820.3
57.5	744.1	745.6	748.4	750.9	753.4	755.8	757.9	759.6	761.0	762.0
60.0	676.7	681.8	687.5	690.7	694.0	696.8	699.2	701.2	702.7	703.6
62.5	609.8	617.7	626.6	630.5	632.6	634.5	636.2	637.6	638.9	639.9
65.0	543.8	553.0	561.4	564.8	568.5	570.6	572.4	573.8	575.1	576.0
67.5	477.1	485.2	493.5	499.2	504.4	506.7	508.6	510.0	511.3	512.1
70.0	409.7	418.0	426.1	433.5	440.6	443.0	444.8	446.3	447.5	448.3
72.5	343.4	351.4	359.4	367.9	375.8	378.6	381.0	382.3	383.4	384.2
75.0	278.6	287.1	295.2	302.9	310.2	314.0	317.2	318.4	319.4	320.2
77.5	217.2	224.5	231.5	238.2	244.8	249.4	253.4	254.4	255.3	256.1
80.0	156.6	162.5	168.2	173.8	179.5	184.9	189.7	190.5	191.2	192.1
82.5	96.17	97.76	98.15	97.87	97.46	97.22	97.15	95.83	95.62	96.65
85.0	30.42	25.80	20.63	15.36	10.44	6.171	2.851	0.7203	0	0.7265

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: 01
 Test Date: 2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity: 45%
 Test Distance: 14.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
2.5	1514	1514	1514	1514	1514	1515	1515	1515	1515	1515
5.0	1509	1509	1509	1509	1509	1510	1510	1510	1510	1510
7.5	1504	1504	1504	1504	1504	1504	1503	1503	1503	1503
10.0	1499	1499	1499	1498	1498	1497	1496	1495	1494	1493
12.5	1482	1483	1484	1485	1486	1487	1487	1485	1483	1481
15.0	1464	1465	1465	1466	1466	1467	1468	1469	1470	1467
17.5	1446	1446	1446	1446	1446	1446	1446	1447	1448	1450
20.0	1428	1428	1427	1426	1425	1424	1423	1423	1423	1424
22.5	1399	1400	1401	1402	1403	1401	1400	1398	1397	1397
25.0	1369	1369	1370	1371	1372	1374	1375	1372	1369	1368
27.5	1338	1338	1338	1338	1339	1339	1341	1343	1340	1337
30.0	1308	1307	1307	1306	1305	1304	1304	1305	1308	1304
32.5	1268	1269	1271	1273	1270	1269	1267	1266	1267	1270
35.0	1227	1228	1229	1230	1231	1232	1229	1227	1226	1228
37.5	1186	1186	1186	1186	1187	1186	1189	1187	1184	1183
40.0	1145	1145	1144	1143	1143	1138	1140	1143	1141	1138
42.5	1094	1096	1098	1099	1096	1090	1090	1091	1095	1092
45.0	1042	1043	1044	1044	1043	1042	1040	1040	1041	1045
47.5	989.5	990.3	990.6	992.0	987.6	988.6	990.3	987.8	987.5	989.4
50.0	937.1	937.2	937.1	937.3	933.9	933.3	933.8	935.6	933.3	932.8
52.5	879.6	880.6	881.6	882.2	880.1	878.2	876.9	876.9	878.9	876.1
55.0	821.0	821.6	822.1	822.6	823.4	823.1	820.1	818.4	818.2	819.2
57.5	762.5	762.7	762.7	762.4	762.2	762.2	763.1	760.0	757.7	757.7
60.0	703.9	703.9	703.3	702.3	701.3	700.3	699.6	700.0	697.4	694.9
62.5	640.8	641.5	642.0	642.2	640.7	638.5	636.7	635.5	635.2	632.4
65.0	576.8	577.2	577.5	577.3	577.0	576.6	574.3	571.5	568.5	567.6
67.5	512.8	513.1	513.0	512.6	511.7	510.5	509.1	507.7	502.1	498.5
70.0	448.8	449.0	448.7	448.0	446.7	444.6	441.8	439.4	435.8	430.8
72.5	384.8	385.0	384.7	383.5	381.9	378.9	374.8	371.4	367.6	364.0
75.0	320.9	321.1	320.8	319.1	317.3	313.8	308.9	304.5	300.7	297.1
77.5	257.0	257.2	257.0	254.9	252.8	249.6	245.6	241.3	236.3	232.0
80.0	193.1	193.4	193.2	190.8	188.6	186.0	183.0	179.9	176.3	171.9
82.5	98.97	102.1	105.9	109.0	112.6	116.2	119.5	119.3	117.3	114.8
85.0	2.905	6.481	11.34	17.13	23.69	30.72	37.89	44.79	50.91	55.56
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
2.5	1516	1516	1516	1517	1517	1517	1518	1517	1516	1515
5.0	1510	1511	1511	1512	1512	1513	1514	1512	1509	1507
7.5	1503	1503	1503	1504	1504	1505	1506	1503	1500	1498
10.0	1492	1492	1492	1493	1494	1495	1496	1492	1488	1485
12.5	1480	1479	1479	1479	1480	1481	1483	1477	1473	1469
15.0	1465	1463	1462	1462	1462	1463	1465	1459	1454	1450
17.5	1448	1445	1443	1442	1442	1443	1445	1438	1432	1428
20.0	1427	1424	1420	1419	1418	1419	1422	1414	1407	1403
22.5	1398	1400	1396	1393	1392	1392	1395	1386	1379	1375
25.0	1368	1369	1369	1364	1362	1363	1366	1356	1349	1345
27.5	1335	1336	1338	1333	1330	1330	1333	1323	1316	1312
30.0	1301	1300	1302	1299	1296	1295	1298	1287	1280	1277
32.5	1266	1262	1263	1264	1259	1257	1261	1249	1242	1239
35.0	1228	1223	1222	1224	1219	1217	1220	1212	1209	1206
37.5	1185	1182	1179	1180	1177	1174	1177	1169	1167	1165
40.0	1138	1140	1134	1133	1132	1129	1132	1124	1122	1114
42.5	1090	1092	1085	1083	1086	1081	1083	1076	1075	1063
45.0	1040	1036	1034	1032	1037	1027	1026	1021	1025	1011
47.5	989.6	982.9	982.2	979.3	983.1	975.4	974.0	969.5	970.5	956.0
50.0	936.2	930.5	927.4	925.2	927.3	921.6	919.6	915.4	913.4	900.1
52.5	876.7	877.9	871.2	869.9	869.4	866.1	863.5	859.8	854.4	842.9
55.0	816.9	819.8	814.4	812.9	810.2	808.4	805.2	801.6	793.4	784.3
57.5	757.4	757.0	757.1	751.7	749.5	749.2	744.8	742.1	731.1	722.4
60.0	695.8	693.8	696.2	688.6	685.7	685.9	680.4	678.1	665.3	658.6
62.5	629.3	629.3	627.3	623.6	619.9	620.9	614.0	612.8	598.9	593.5
65.0	562.7	560.6	558.3	556.1	552.9	551.8	546.6	541.2	531.0	523.9
67.5	496.1	491.2	490.7	485.5	483.1	479.4	478.7	469.9	461.2	455.3
70.0	426.7	423.8	420.6	417.0	414.2	411.1	410.3	400.9	392.5	386.8
72.5	359.4	355.3	352.0	350.9	347.1	343.9	342.7	332.7	325.3	320.8
75.0	293.3	289.1	285.5	282.8	280.2	278.8	276.5	266.9	258.6	253.3
77.5	228.6	225.1	221.0	218.2	216.7	215.4	212.8	202.9	195.5	189.5

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: 01
 Test Date: 2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity: 45%
 Test Distance: 14.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

80.0	166.9	163.6	160.5	156.2	152.3	153.1	152.9	141.9	134.8	129.8
82.5	111.6	107.5	103.5	99.01	91.04	90.31	98.29	86.35	79.34	75.31
85.0	57.70	56.16	53.73	48.31	40.72	35.95	49.55	36.16	29.89	27.58
87.5	0	7.291	10.99	7.466	6.675	3.297	7.265	0	0.8738	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
2.5	1514	1513	1512	1511	1510	1509	1509	1508	1508	1507
5.0	1506	1504	1502	1501	1499	1498	1498	1497	1496	1495
7.5	1495	1493	1491	1489	1488	1486	1485	1484	1483	1482
10.0	1481	1479	1477	1475	1474	1472	1471	1470	1470	1469
12.5	1465	1462	1460	1459	1457	1456	1457	1455	1453	1451
15.0	1446	1443	1441	1440	1439	1437	1434	1432	1430	1429
17.5	1424	1422	1420	1419	1415	1412	1410	1409	1407	1406
20.0	1399	1398	1396	1392	1388	1386	1385	1384	1384	1383
22.5	1372	1371	1366	1362	1360	1359	1358	1358	1359	1357
25.0	1342	1339	1334	1331	1330	1330	1331	1328	1325	1322
27.5	1310	1304	1301	1299	1299	1299	1295	1291	1288	1287
30.0	1273	1268	1265	1265	1266	1260	1256	1254	1252	1251
32.5	1233	1229	1228	1230	1223	1219	1217	1215	1215	1215
35.0	1192	1189	1190	1185	1180	1178	1177	1177	1172	1168
37.5	1155	1148	1146	1140	1136	1135	1134	1128	1123	1120
40.0	1105	1105	1097	1093	1092	1089	1083	1078	1075	1073
42.5	1053	1048	1048	1045	1044	1037	1031	1028	1026	1025
45.0	1002	996.3	994.8	996.9	989.0	983.6	979.7	978.0	974.6	970.5
47.5	948.9	944.0	944.6	940.2	933.5	929.8	928.0	922.7	918.5	915.4
50.0	893.3	891.1	890.7	882.6	878.0	875.8	869.7	865.4	862.5	860.3
52.5	836.7	837.2	830.8	824.5	822.3	815.5	811.1	808.2	806.5	805.2
55.0	779.4	778.3	770.1	766.5	760.3	755.3	752.5	751.1	747.7	744.0
57.5	721.1	714.9	709.2	703.9	698.3	695.3	693.5	688.7	685.1	682.2
60.0	659.4	650.2	646.5	639.6	636.5	633.8	629.0	625.4	622.6	620.4
62.5	589.4	584.5	578.5	574.9	572.9	567.8	564.8	562.2	560.2	558.6
65.0	520.5	515.3	510.6	508.6	504.9	502.0	501.1	498.8	495.7	493.1
67.5	452.6	445.9	443.5	439.6	437.4	436.4	435.2	431.9	429.8	427.8
70.0	382.6	378.4	374.5	371.9	370.5	368.7	367.5	365.2	364.1	362.6
72.5	314.4	310.6	307.6	305.5	303.6	301.7	300.3	298.8	298.4	298.1
75.0	248.6	245.1	242.7	240.3	237.9	235.7	235.0	235.2	235.4	234.9
77.5	185.5	182.6	179.8	176.8	175.2	174.9	174.3	173.5	172.8	171.8
80.0	126.5	123.1	119.9	119.2	118.0	116.3	114.3	112.3	110.5	108.9
82.5	71.22	69.15	67.39	64.80	61.73	58.31	56.37	56.87	56.60	55.86
85.0	25.72	20.28	16.64	20.27	21.08	20.04	17.84	15.02	11.90	8.772
87.5	0	1.012	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
2.5	1507	1506	1506	1506	1506	1506	1506	1506	1506	1506
5.0	1494	1494	1494	1493	1493	1493	1493	1493	1493	1493
7.5	1482	1481	1481	1481	1481	1480	1480	1480	1480	1480
10.0	1469	1469	1468	1468	1468	1467	1467	1466	1466	1466
12.5	1449	1448	1447	1447	1446	1446	1446	1445	1446	1446
15.0	1427	1426	1426	1425	1425	1424	1424	1423	1423	1424
17.5	1406	1405	1404	1404	1403	1402	1401	1401	1401	1400
20.0	1383	1382	1383	1382	1382	1381	1379	1378	1377	1376
22.5	1354	1352	1350	1349	1348	1348	1347	1347	1348	1349
25.0	1320	1318	1317	1316	1315	1314	1313	1313	1313	1314
27.5	1285	1284	1283	1282	1282	1281	1280	1279	1278	1278
30.0	1250	1250	1250	1249	1248	1247	1246	1245	1243	1242
32.5	1211	1208	1207	1206	1205	1204	1203	1204	1204	1206
35.0	1164	1162	1161	1161	1161	1160	1159	1159	1159	1160
37.5	1118	1116	1114	1112	1118	1116	1115	1114	1113	1113
40.0	1071	1069	1068	1077	1074	1073	1071	1070	1068	1067
42.5	1022	1019	1016	1022	1019	1018	1018	1018	1019	1020
45.0	967.3	965.0	963.0	966.9	964.4	963.3	962.8	962.7	963.3	964.5
47.5	913.1	911.3	909.8	911.5	909.5	908.4	907.7	907.2	907.3	907.8
50.0	858.9	857.6	856.6	855.8	854.6	853.5	852.6	851.7	851.3	851.2
52.5	802.5	799.6	797.3	795.6	794.2	793.3	793.0	792.9	793.7	794.6
55.0	741.1	738.6	736.8	735.1	733.9	732.9	732.3	732.0	732.2	733.1
57.5	679.9	677.7	676.2	674.7	673.6	672.5	671.7	671.2	670.9	671.3
60.0	618.6	616.9	615.6	614.2	613.2	612.1	611.1	610.4	609.7	609.5
62.5	555.8	553.3	551.5	549.7	548.5	547.6	547.0	547.0	547.2	547.8
65.0	490.7	488.4	486.7	485.0	483.8	482.9	482.4	482.4	482.4	481.4
67.5	425.6	423.6	421.8	420.2	419.1	418.3	417.8	417.8	417.6	415.0
70.0	360.6	358.8	357.1	355.5	354.4	353.6	353.2	353.4	352.7	348.5

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: 01
 Test Date: 2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity: 45%
 Test Distance: 14.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

72.5	296.6	295.5	294.0	292.7	291.6	291.0	290.6	289.9	288.5	283.2
75.0	233.5	232.6	231.2	229.9	228.8	228.3	228.2	226.7	224.9	220.8
77.5	170.5	169.8	168.5	167.1	166.1	165.7	165.8	163.6	161.5	158.6
80.0	107.6	107.0	105.7	104.3	103.3	103.1	103.4	100.5	98.35	96.76
82.5	55.07	54.42	53.31	52.25	51.64	51.66	52.10	50.79	49.53	48.21
85.0	5.898	3.454	1.565	0.3928	0	0.3883	1.528	3.223	5.301	7.561
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	1518	1518	1518	1518	1518	1518	1518	1518	1518	1518
2.5	1506	1507	1507	1508	1508	1509	1510	1511	1511	1512
5.0	1494	1494	1495	1495	1496	1497	1499	1500	1502	1504
7.5	1480	1480	1481	1482	1482	1484	1485	1487	1489	1491
10.0	1466	1466	1466	1466	1467	1468	1469	1471	1474	1476
12.5	1447	1449	1449	1449	1449	1450	1451	1453	1455	1458
15.0	1424	1425	1426	1428	1430	1430	1430	1432	1434	1437
17.5	1400	1400	1401	1402	1404	1407	1408	1409	1410	1413
20.0	1375	1374	1374	1374	1376	1378	1382	1383	1384	1386
22.5	1350	1348	1346	1346	1346	1347	1350	1355	1355	1357
25.0	1314	1316	1318	1316	1315	1315	1317	1320	1323	1325
27.5	1278	1279	1281	1284	1282	1281	1281	1284	1290	1290
30.0	1241	1241	1241	1243	1247	1245	1244	1246	1251	1254
32.5	1204	1202	1202	1202	1204	1208	1206	1206	1209	1214
35.0	1161	1163	1161	1160	1161	1163	1166	1164	1166	1172
37.5	1114	1115	1118	1118	1115	1114	1120	1120	1121	1126
40.0	1066	1067	1068	1073	1064	1065	1069	1076	1074	1077
42.5	1019	1017	1018	1015	1016	1016	1018	1024	1024	1022
45.0	967.2	968.4	967.3	962.9	963.4	966.0	965.9	969.9	974.6	970.6
47.5	909.5	912.0	915.6	912.1	910.5	911.1	912.8	913.0	918.8	913.7
50.0	851.8	853.3	855.9	861.1	857.4	854.1	854.5	852.4	855.9	855.1
52.5	794.2	794.6	795.8	798.1	802.7	795.2	791.7	791.6	791.9	795.5
55.0	734.6	735.9	735.8	734.5	735.1	735.7	729.4	728.5	727.7	734.3
57.5	672.0	672.4	674.1	670.1	668.0	668.7	667.6	663.5	663.6	666.9
60.0	609.3	607.2	605.8	604.2	601.7	600.6	603.3	597.8	598.2	599.2
62.5	546.5	541.8	538.3	535.8	534.8	533.1	533.4	530.4	529.5	531.6
65.0	480.1	475.9	471.7	468.2	466.2	465.7	464.2	462.6	461.9	464.3
67.5	412.3	408.2	404.9	401.6	398.8	397.3	397.5	394.9	395.8	396.3
70.0	345.1	341.4	338.3	335.3	332.6	330.4	329.5	329.5	328.2	328.5
72.5	278.3	275.2	272.5	270.2	267.9	265.7	264.0	263.7	263.3	263.6
75.0	216.9	213.1	209.0	206.1	204.8	203.4	201.6	200.4	200.8	200.2
77.5	156.0	153.6	151.1	148.3	145.1	143.2	142.8	141.5	140.9	141.6
80.0	95.59	94.62	93.92	93.07	91.87	90.05	87.40	87.15	86.64	86.58
82.5	46.39	43.58	39.56	38.63	39.77	40.60	42.11	42.95	38.00	38.22
85.0	9.737	11.47	12.46	12.17	9.950	5.087	0	9.396	11.84	2.064
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	1518	1518								
2.5	1513	1514								
5.0	1505	1507								
7.5	1494	1497								
10.0	1480	1484								
12.5	1462	1467								
15.0	1441	1446								
17.5	1418	1423								
20.0	1391	1397								
22.5	1361	1368								
25.0	1329	1335								
27.5	1294	1300								
30.0	1256	1263								
32.5	1216	1223								
35.0	1174	1180								
37.5	1130	1135								
40.0	1078	1084								
42.5	1027	1034								
45.0	974.7	980.4								
47.5	915.3	921.1								
50.0	854.7	860.5								
52.5	792.7	798.1								
55.0	729.6	734.5								
57.5	665.9	669.3								
60.0	600.9	603.4								
62.5	531.7	536.5								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: 01
 Test Date: 2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
 Humidity: 45%
 Test Distance: 14.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

65.0	465.0	468.5
67.5	396.4	399.7
70.0	329.4	331.9
72.5	265.3	265.8
75.0	201.4	202.5
77.5	141.4	142.8
80.0	86.86	88.22
82.5	38.81	39.71
85.0	3.854	2.251
87.5	0	0
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: 01
Test Date: 2022-6-8

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.275
Humidity: 45%
Test Distance: 14.800m [K=1.0000]
Remarks: