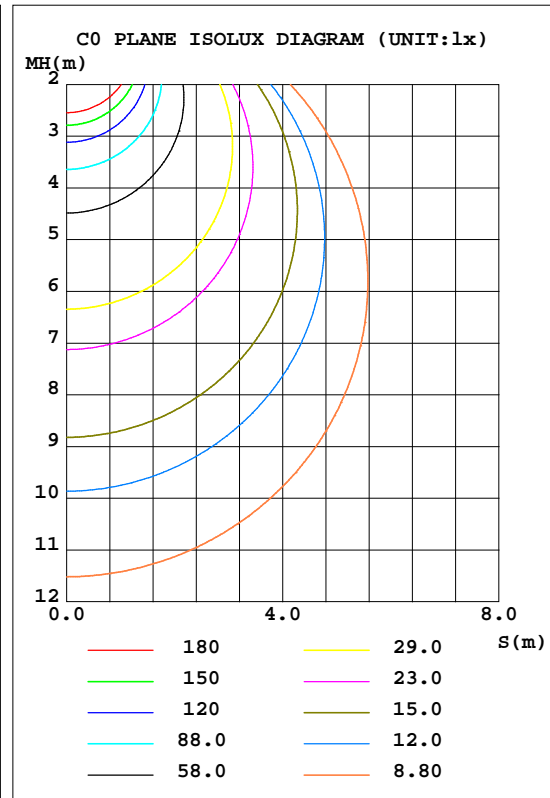
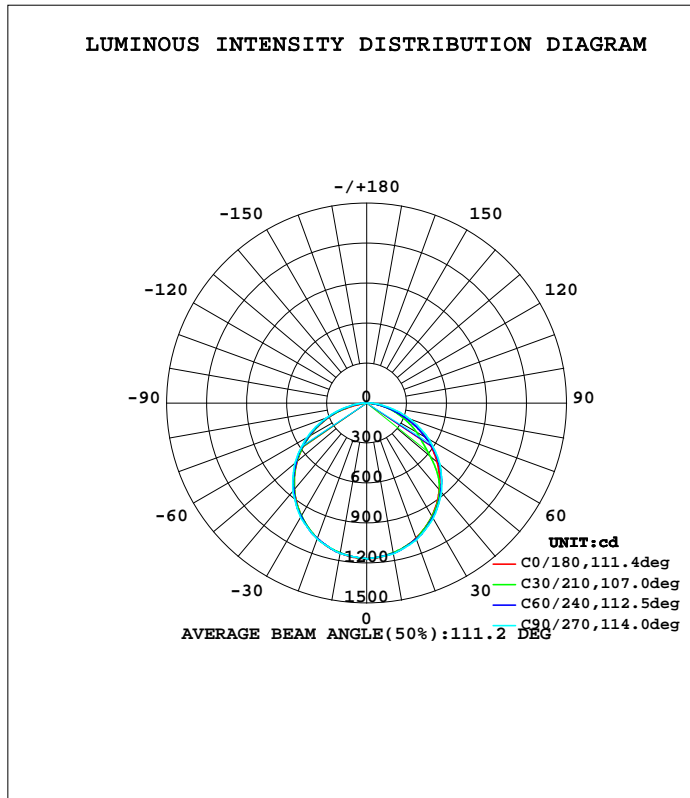


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.90 lm/W			
MODEL	LS44--XXW-4000K	I _{max} (cd)	1167	S/MH(C0/180)	1.25
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	3210.7	η UP, DN(C0-180)	0.0,48.9
NOMINAL FLUX(lm)	3210.66	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,51.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.35



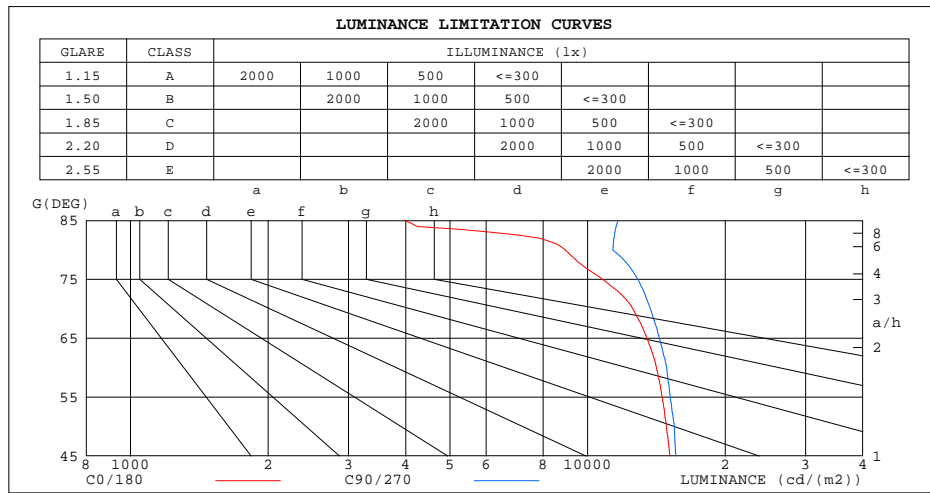
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [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	$\$lum_{lamp}$
5	1161	1157	1158	1158	1162	1157	1157	1156	0- 5	27.77	27.77	0.86,0.86
10	1144	1142	1149	1143	1145	1142	1146	1140	5- 10	82.29	110.1	3.43,3.43
15	1116	1119	1121	1121	1118	1118	1116	1116	10- 15	134.1	244.1	7.6,7.6
20	1079	1081	1092	1082	1081	1079	1087	1076	15- 20	181.1	425.3	13.2,13.2
25	1034	1040	1046	1039	1035	1036	1039	1033	20- 25	222.2	647.4	20.2,20.2
30	979.6	987.7	999.2	975.3	979.5	981.1	990.8	979.1	25- 30	255.4	902.8	28.1,28.1
35	917.4	926.8	936.4	896.2	915.6	918.3	926.2	916.2	30- 35	279.8	1183	36.8,36.8
40	848.0	861.8	873.5	814.1	844.4	851.0	861.6	849.3	35- 40	294.8	1477	46,46
45	772.4	773.0	796.0	700.0	765.8	770.4	782.6	771.6	40- 45	299.3	1777	55.3,55.3
50	690.2	658.7	718.5	566.7	681.2	688.4	703.6	692.9	45- 50	290.7	2067	64.4,64.4
55	603.1	539.1	628.2	454.6	590.0	596.0	611.5	601.7	50- 55	270.5	2338	72.8,72.8
60	510.9	441.1	537.9	362.9	494.5	503.0	519.4	510.3	55- 60	242.2	2580	80.4,80.4
65	411.5	356.9	438.3	285.2	393.4	401.5	418.4	412.6	60- 65	207.6	2788	86.8,86.8
70	309.9	269.0	338.8	209.2	288.9	299.7	317.4	313.2	65- 70	166.8	2955	92,92
75	201.6	185.0	240.6	136.6	170.1	197.0	219.9	211.4	70- 75	123.6	3078	95.9,95.9
80	112.0	107.5	142.4	75.01	50.70	103.7	122.4	116.7	75- 80	79.83	3158	98.4,98.4
85	25.08	46.18	73.35	29.85	9.004	36.15	61.35	44.57	80- 85	40.32	3198	99.6,99.6
90	1.375	4.618	4.269	2.435	0.4506	0.3743	0.3382	0.3833	85- 90	12.34	3211	100,100
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	3986	11657
80	8930	11361
75	10786	12876
70	12551	13720
65	13486	14365
60	14153	14899
55	14562	15169
50	14873	15483
45	15129	15592

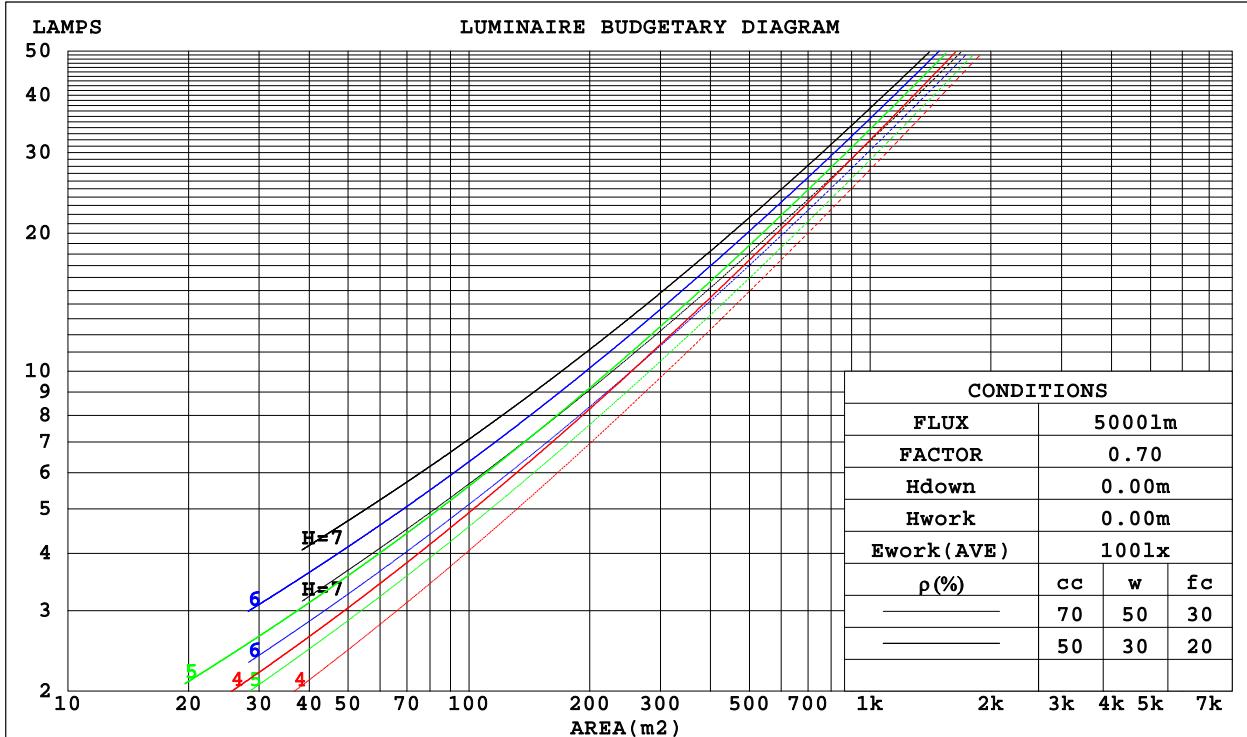
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5.0	.64	.55	.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	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.42	.35	.30	.41	.34	.29	.40	.34	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.302	.172	.054	.295	.168	.053	.281	.161	.052	.269	.155	.050	.258	.150	.048	
2.0	.285	.156	.048	.279	.154	.047	.268	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.265	.141	.042	.260	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040	
4.0	.245	.128	.037	.241	.126	.037	.231	.123	.037	.223	.120	.036	.215	.117	.036	
5.0	.227	.116	.034	.223	.115	.033	.215	.112	.033	.207	.109	.033	.200	.107	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.103	.030	.193	.101	.030	.187	.099	.029	
7.0	.197	.097	.028	.193	.096	.027	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.175	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.081	.023	.160	.080	.023	.155	.079	.023	
10.0	.162	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.147	.074	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.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	.141	.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	.110	.060	.025	.076	.042	.018	.044	.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:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm										
NAME: LS44--XXW-4000K					TYPE:LED			WEIGHT:		
SPEC.:					DIM.: 1213*108			SERIAL No.:1		
MFR.: EVERFINE					SUR.:1165*62			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	21.6	23.1	21.9	23.3	23.5	22.5	24.0	22.8	24.2	24.4
3H	22.8	24.2	23.1	24.4	24.7	24.1	25.5	24.4	25.7	26.0
4H	23.2	24.6	23.6	24.8	25.1	24.8	26.1	25.1	26.3	26.6
6H	23.6	24.8	23.9	25.1	25.4	25.2	26.5	25.6	26.7	27.0
8H	23.7	24.9	24.0	25.2	25.5	25.4	26.6	25.7	26.9	27.2
12H	23.7	24.9	24.1	25.2	25.5	25.5	26.7	25.9	27.0	27.3
4H 2H	22.2	23.5	22.5	23.8	24.0	22.9	24.2	23.2	24.5	24.7
3H	23.6	24.7	23.9	25.0	25.3	24.7	25.8	25.0	26.1	26.4
4H	24.2	25.2	24.5	25.5	25.9	25.5	26.5	25.8	26.8	27.2
6H	24.7	25.6	25.1	26.0	26.3	26.1	27.0	26.5	27.4	27.7
8H	24.8	25.7	25.3	26.1	26.5	26.3	27.2	26.7	27.6	27.9
12H	24.9	25.7	25.4	26.1	26.5	26.5	27.3	26.9	27.7	28.1
8H 4H	24.4	25.3	24.9	25.7	26.1	25.6	26.5	26.0	26.8	27.2
6H	25.1	25.8	25.5	26.2	26.6	26.3	27.1	26.8	27.5	27.9
8H	25.3	26.0	25.8	26.4	26.9	26.6	27.3	27.1	27.7	28.2
12H	25.5	26.1	26.0	26.5	27.0	27.0	27.5	27.4	27.9	28.4
12H 4H	24.5	25.3	24.9	25.6	26.0	25.6	26.4	26.0	26.8	27.2
6H	25.1	25.8	25.6	26.2	26.6	26.3	27.0	26.8	27.4	27.9
8H	25.4	26.0	25.9	26.4	26.9	26.7	27.2	27.2	27.7	28.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.2				
1.5H	+ 0.3 / - 0.2					+ 0.2 / - 0.4				
2.0H	+ 0.5 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 3211 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.1)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

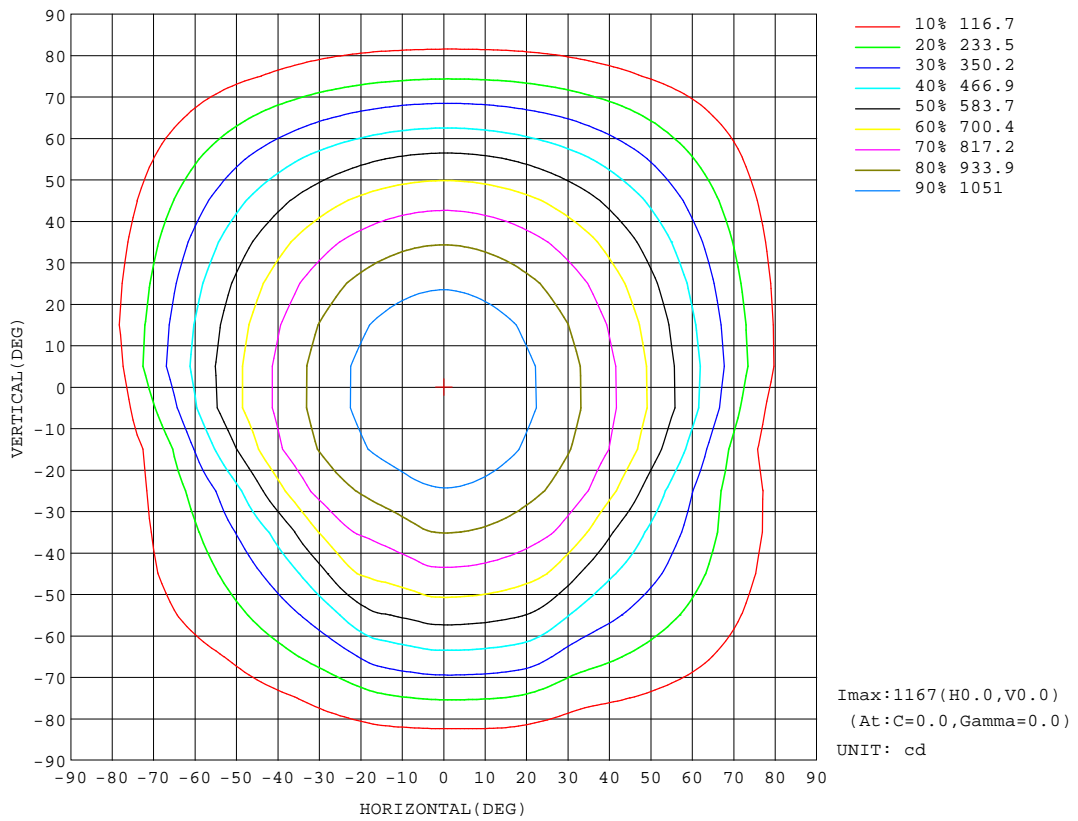
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	47	40	58	47	40	56	46	40	33
0.80	68	57	50	67	56	49	66	56	49	42
1.00	77	66	59	76	65	58	73	67	58	51
1.25	84	74	67	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	77	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	90	85	94	88	83	75
3.00	103	96	91	101	94	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	92	84
5.00	109	104	100	107	102	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:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:



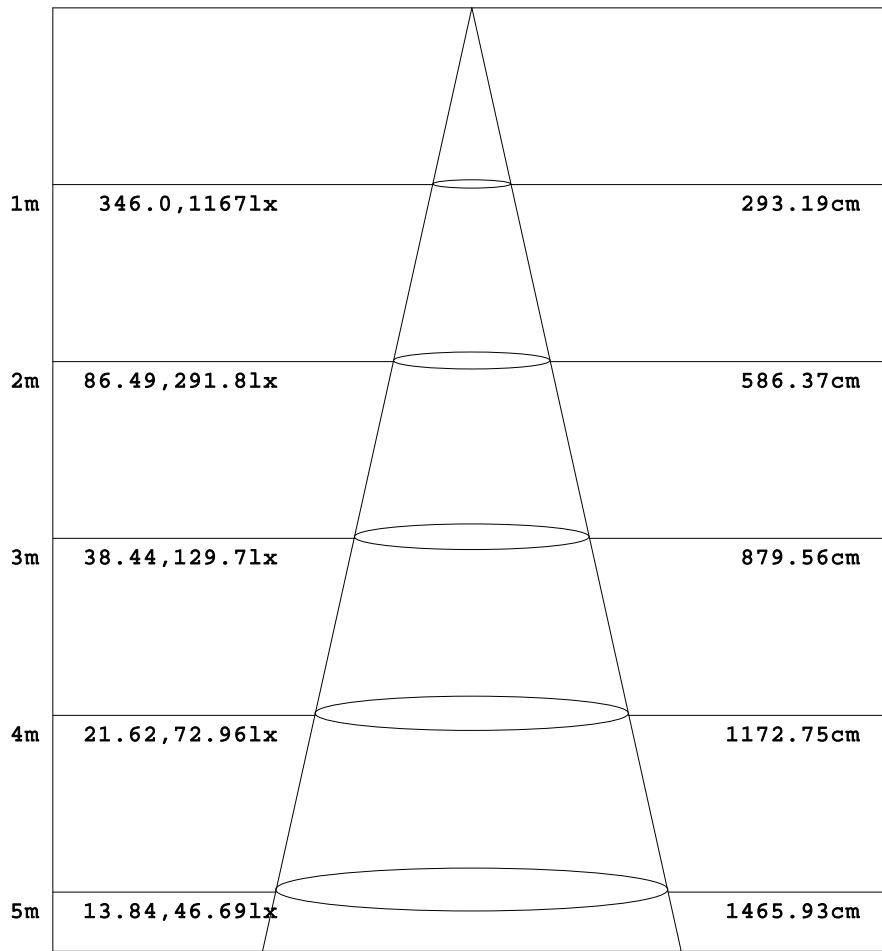
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

Flux out:2389 lm



Height Eavg, Emax Angle:111.40deg Diameter

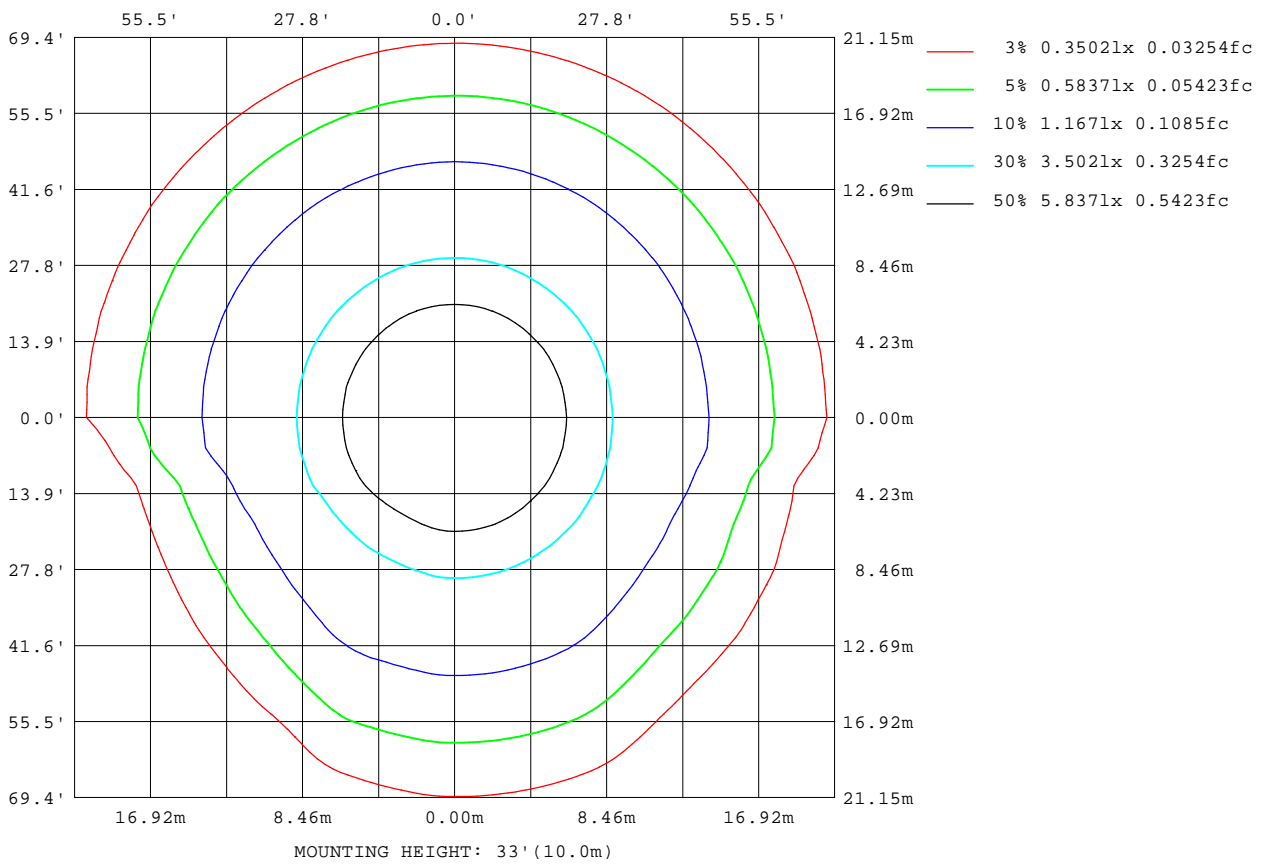
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

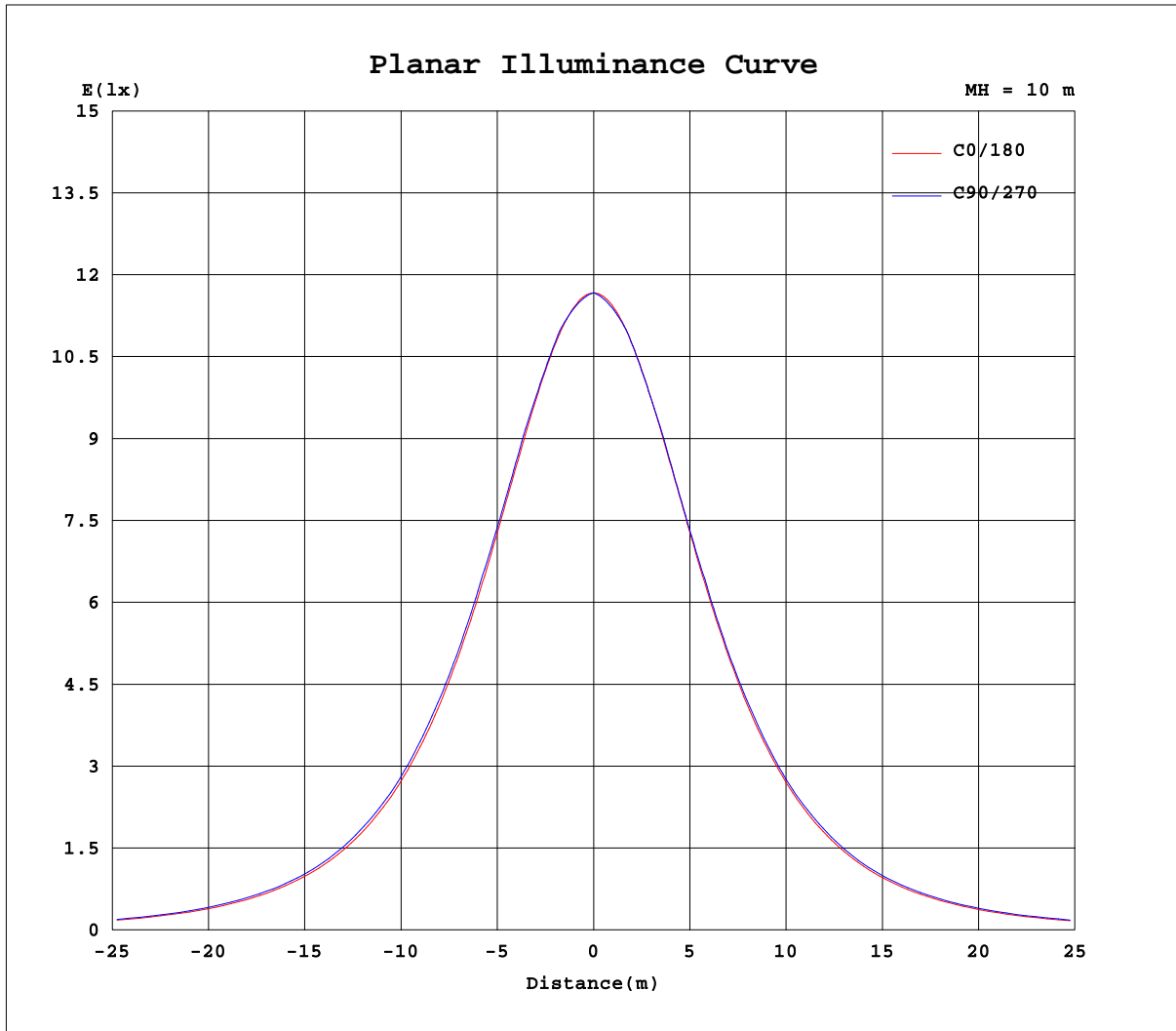
AvgL	cd/m2
L_0~180(65)av	13189
L_0~180(75)av	9945
L_0~180(85)av	2708
L_90~270(65)av	14039
L_90~270(75)av	12322
L_90~270(85)av	10703
L_45(65)av	11931
L_45(75)av	9767
L_45(85)av	6227

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
5	1161	1160	1159	1159	1158	1158	1158	1158	1158	1157	1157	1158	1158	1158	1158	1158	1158	1158	1158
10	1144	1142	1141	1141	1140	1140	1140	1141	1141	1142	1143	1144	1145	1146	1147	1148	1148	1149	1149
15	1116	1114	1113	1113	1113	1114	1115	1117	1119	1119	1119	1119	1119	1119	1119	1120	1120	1120	1121
20	1079	1077	1076	1076	1077	1080	1082	1081	1081	1081	1082	1084	1085	1087	1089	1090	1091	1092	1092
25	1034	1031	1030	1031	1034	1035	1034	1035	1037	1040	1043	1043	1043	1044	1044	1045	1045	1046	1046
30	980	977	976	979	981	980	982	985	988	988	988	989	991	993	995	997	998	999	999
35	917	914	915	919	918	920	925	925	925	927	930	933	934	934	935	935	936	937	936
40	848	845	847	849	850	855	852	854	859	862	862	863	865	867	869	871	873	874	874
45	772	770	774	769	775	761	753	763	765	773	784	793	794	794	795	795	796	796	796
50	690	688	683	666	654	631	624	630	641	659	680	698	709	713	715	717	718	719	719
55	603	602	571	535	514	500	511	512	524	539	560	588	615	626	627	628	629	629	628
60	511	503	442	415	409	420	430	431	438	441	453	477	507	530	536	537	538	538	538
65	412	368	303	321	331	342	344	352	354	357	364	375	399	427	438	439	439	439	438
70	310	228	222	244	254	260	261	263	264	269	272	275	294	322	338	340	340	339	339
75	202	138	170	181	185	186	185	183	184	185	183	183	197	220	236	242	242	241	241
80	112	99.4	112	112	112	110	106	107	109	108	104	103	110	121	133	144	145	144	142
85	25.1	46.4	47.4	47.7	48.4	47.8	46.6	47.1	46.7	46.2	45.7	46.8	51.9	58.4	66.0	73.3	74.4	74.2	73.4
90	1.38	3.27	3.90	4.54	4.89	4.98	4.98	4.91	4.77	4.62	4.55	4.65	4.75	4.84	4.84	4.78	4.95	4.98	4.27

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	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	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
5	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1159	1159	1160	1160	1161	1162	1161
10	1149	1149	1148	1147	1147	1146	1145	1144	1143	1143	1142	1142	1141	1141	1142	1143	1144	1145	1143
15	1120	1120	1120	1120	1120	1120	1120	1120	1121	1121	1119	1117	1116	1115	1115	1115	1116	1118	1116
20	1092	1091	1090	1089	1087	1085	1084	1083	1082	1082	1083	1084	1082	1080	1078	1078	1079	1081	1079
25	1044	1042	1040	1036	1034	1035	1039	1042	1039	1037	1036	1035	1037	1036	1033	1032	1032	1035	1032
30	996	991	982	969	962	961	963	968	975	985	983	980	980	981	980	977	977	980	976
35	934	925	911	899	891	887	885	889	896	904	912	920	917	916	919	914	913	916	913
40	872	855	840	831	824	822	823	816	814	813	814	824	847	841	842	844	842	844	842
45	794	776	765	758	757	762	751	721	700	687	672	681	709	735	742	768	764	766	763
50	715	698	688	686	682	668	634	596	567	548	534	525	545	570	600	660	679	681	679
55	624	610	602	603	590	556	510	477	455	435	421	416	411	426	438	520	577	590	590
60	533	522	514	510	475	434	404	380	363	351	338	329	324	321	327	367	441	495	496
65	435	425	416	404	366	333	316	301	285	273	261	250	241	236	234	238	282	393	396
70	336	327	315	296	276	254	237	223	209	197	186	178	172	167	162	159	167	289	290
75	239	233	224	208	193	176	161	148	137	127	120	121	122	123	119	106	95.0	170	188
80	141	140	137	127	112	99.4	88.6	81.0	75.0	69.2	67.6	69.4	71.7	73.4	73.1	70.5	57.4	50.7	96.1
85	72.5	70.9	68.8	63.0	54.1	46.4	39.1	33.9	29.8	26.2	24.9	22.2	23.7	25.5	22.4	21.3	19.4	9.00	22.8
90	3.99	2.82	2.22	2.20	2.31	2.43	2.49	2.48	2.43	2.37	2.30	2.20	2.14	2.08	1.86	1.33	0.72	0.45	0.31

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	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	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
5	1160	1159	1159	1158	1158	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157
10	1142	1141	1141	1140	1140	1141	1141	1142	1142	1143	1144	1144	1145	1146	1146	1146	1146	1146	1146
15	1114	1114	1114	1114	1116	1117	1119	1118	1117	1117	1116	1116	1116	1116	1116	1116	1116	1116	1116
20	1077	1077	1078	1080	1082	1080	1079	1079	1079	1080	1081	1083	1084	1085	1086	1086	1087	1086	1085
25	1031	1032	1035	1035	1033	1033	1034	1036	1038	1038	1037	1037	1037	1038	1038	1039	1039	1038	1038
30	976	979	980	978	978	980	982	981	981	982	983	985	987	988	990	990	991	990	989
35	914	918	914	914	917	917	917	918	921	924	924	924	924	924	925	926	926	926	925
40	844	844	843	846	845	846	849	851	850	851	852	854	856	858	859	861	862	861	860
45	768	765	766	766	767	772	770	770	772	775	777	777	778	780	781	782	783	782	781
50	682	680	681	682	685	684	685	688	688	690	692	694	696	699	701	703	704	703	702
55	590	592	591	594	592	595	595	596	599	602	604	605	606	607	609	610	611	611	611
60	495	495	498	496	498	498	500	503	503	504	506	509	511	514	516	518	519	519	519
65	395	397	395	396	397	400	400	402	404	406	408	410	412	414	415	417	418	419	418
70	290	290	290	293	293	295	297	300	301	304	306	308	310	313	314	316	317	318	318
75	188	188	188	189	191	192	195	197	200	203	207	210	213	216	217	219	220	220	221
80	95.0	94.6	94.3	95.3	94.9	98.8	102	104	105	106	110	114	118	120	121	121	122	123	124
85	23.3	23.2	26.7	24.6	22.6	28.3	32.4	36.1	39.7	43.6	48.8	53.4	56.5	58.8	59.9	60.7	61.3	61.6	61.7
90	0.36	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.36	0.35	0.34	0.34	0.34

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 5.0DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:8.190m [K=1.0000]
Test Date:2019-07-16	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.3274A P:39.20W PF:0.9959 Lamp Flux:3210.66x1 lm		
NAME: LS44--XXW-4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*108	SERIAL No.:1
MFR.: EVERFINE	SUR.:1165*62	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEC) γ (DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167				
5	1157	1156	1156	1156	1156	1156	1156	1157	1157	1157	1157	1158	1159	1159	1160				
10	1145	1144	1143	1142	1142	1141	1140	1139	1139	1139	1139	1139	1140	1141	1142				
15	1115	1115	1115	1114	1115	1115	1116	1116	1114	1112	1111	1111	1111	1112	1114				
20	1084	1083	1081	1080	1078	1077	1076	1076	1077	1078	1076	1075	1074	1074	1076				
25	1037	1036	1036	1036	1036	1036	1033	1031	1029	1029	1031	1031	1028	1028	1030				
30	987	985	983	981	980	979	979	980	978	975	974	976	975	974	975				
35	924	923	922	922	922	919	916	915	916	916	913	912	914	912	913				
40	858	856	854	852	850	849	849	847	845	845	846	843	843	844	843				
45	780	779	779	778	777	774	772	771	771	768	768	769	766	769	767				
50	700	698	696	694	693	692	693	689	687	687	685	686	685	685	685				
55	610	609	608	607	607	604	602	602	602	598	598	597	600	597	598				
60	517	516	514	513	511	510	510	508	507	508	505	506	505	505	506				
65	418	417	417	416	416	414	413	411	411	409	409	407	406	408	407				
70	317	317	316	316	315	314	313	312	310	307	306	306	304	304	305				
75	221	220	219	218	215	213	211	210	208	207	205	205	205	204	205				
80	125	125	123	120	117	116	117	116	114	112	114	115	115	116	116				
85	61.6	60.4	58.2	54.5	50.2	47.0	44.6	42.1	39.7	37.5	40.4	41.8	42.1	43.7	44.1				
90	0.34	0.37	0.37	0.37	0.37	0.37	0.38	0.47	0.59	0.77	0.96	1.19	1.39	1.59	1.81				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

87.5	25.10	25.69	28.26	31.57	35.35	39.01	39.66	39.57	38.81	38.25
90.0	4.555	4.649	4.749	4.843	4.843	4.776	4.952	4.977	4.269	3.994
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
2.5	1163	1163	1163	1163	1163	1163	1163	1163	1163	1164
5.0	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158
7.5	1153	1153	1153	1153	1152	1152	1152	1151	1151	1151
10.0	1149	1148	1147	1147	1146	1145	1144	1143	1143	1142
12.5	1135	1135	1135	1135	1136	1136	1136	1134	1133	1131
15.0	1120	1120	1120	1120	1120	1120	1120	1121	1121	1119
17.5	1106	1105	1104	1104	1103	1102	1102	1102	1103	1104
20.0	1091	1090	1089	1087	1085	1084	1083	1082	1082	1083
22.5	1067	1067	1066	1067	1068	1065	1063	1061	1060	1060
25.0	1042	1040	1036	1034	1035	1039	1042	1039	1037	1036
27.5	1017	1012	1004	998.9	998.6	1002	1007	1015	1013	1010
30.0	990.7	982.4	969.3	962.3	961.2	963.5	968.0	975.3	984.6	983.1
32.5	958.9	947.7	933.6	924.8	923.1	924.1	928.6	935.8	944.4	954.6
35.0	925.1	910.7	898.6	890.7	886.8	884.6	889.4	896.2	904.2	912.4
37.5	890.4	874.9	864.4	857.1	853.6	853.0	851.7	856.9	860.4	866.8
40.0	855.1	840.5	830.9	824.0	822.2	822.5	816.1	814.1	812.9	814.3
42.5	815.3	803.7	796.1	791.9	793.9	789.2	773.6	760.0	758.0	748.9
45.0	775.6	765.0	757.8	756.5	762.3	750.5	721.4	700.0	687.3	672.0
47.5	736.8	726.6	721.4	719.8	717.8	696.0	660.8	634.2	615.4	599.7
50.0	698.2	688.4	686.3	681.9	668.2	633.8	596.1	566.7	547.9	533.7
52.5	654.5	646.4	648.6	642.0	614.6	570.9	534.5	508.2	485.5	474.3
55.0	609.9	602.0	603.2	589.6	555.7	509.8	476.5	454.6	435.5	420.7
57.5	565.6	557.8	557.0	533.4	493.5	454.1	423.6	406.1	391.3	377.6
60.0	521.5	513.8	509.9	474.8	433.8	403.6	380.4	362.9	351.1	338.4
62.5	473.4	466.2	459.0	415.6	378.0	357.7	339.7	323.7	312.5	299.9
65.0	424.6	416.1	404.3	366.3	332.7	315.7	301.0	285.2	272.8	261.0
67.5	375.8	365.6	349.6	320.0	292.8	276.4	262.3	247.3	234.2	222.2
70.0	327.2	314.8	296.1	276.0	254.0	237.2	223.1	209.2	197.1	186.0
72.5	280.0	268.6	249.5	233.9	216.1	198.6	184.8	172.3	161.5	151.6
75.0	233.2	224.3	208.2	192.9	176.4	161.1	147.9	136.6	127.3	120.4
77.5	186.4	180.4	167.4	152.2	137.5	124.5	113.9	104.8	95.87	92.07
80.0	139.8	136.9	126.9	111.9	99.36	88.57	80.97	75.01	69.17	67.59
82.5	105.0	102.1	93.70	80.38	68.72	57.88	49.99	46.17	43.67	44.35
85.0	70.91	68.79	63.00	54.13	46.36	39.13	33.92	29.85	26.25	24.89
87.5	36.86	35.49	32.54	28.15	24.32	20.73	18.13	16.06	14.25	13.53
90.0	2.821	2.218	2.201	2.314	2.426	2.489	2.476	2.435	2.372	2.295
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
2.5	1164	1164	1164	1165	1165	1165	1166	1165	1165	1165
5.0	1158	1159	1159	1160	1160	1161	1162	1161	1160	1159
7.5	1151	1151	1152	1152	1153	1154	1155	1153	1152	1152
10.0	1142	1141	1141	1142	1143	1144	1145	1143	1142	1141
12.5	1130	1130	1129	1129	1130	1131	1133	1131	1130	1129
15.0	1117	1116	1115	1115	1115	1116	1118	1116	1114	1114
17.5	1102	1100	1098	1098	1098	1099	1101	1098	1097	1097
20.0	1084	1082	1080	1078	1078	1079	1081	1079	1077	1077
22.5	1061	1062	1059	1057	1056	1057	1059	1056	1055	1056
25.0	1035	1037	1036	1033	1032	1032	1035	1032	1031	1032
27.5	1009	1009	1011	1007	1005	1005	1008	1005	1005	1006
30.0	980.4	979.6	981.2	979.9	976.9	976.7	979.5	976.4	976.2	978.9
32.5	950.9	948.9	949.3	950.6	946.7	945.8	948.4	945.5	946.0	949.6
35.0	920.2	916.6	915.8	918.6	914.4	912.9	915.6	912.6	913.8	917.7
37.5	879.4	882.9	880.7	882.3	880.2	878.3	881.0	878.0	879.7	881.7
40.0	824.2	847.1	841.0	842.2	844.5	841.8	844.4	841.6	844.0	844.0
42.5	757.8	786.5	793.0	796.1	807.1	803.5	805.9	803.3	806.7	805.0
45.0	681.2	709.1	734.6	741.7	768.2	763.6	765.8	763.5	768.0	764.6
47.5	599.5	626.9	658.8	674.6	718.5	722.2	724.2	722.2	725.7	722.9
50.0	524.6	545.0	569.7	599.8	660.2	679.3	681.2	679.4	681.6	680.2
52.5	467.1	469.4	491.5	518.6	593.8	632.2	636.4	635.4	636.2	636.8
55.0	416.3	410.8	425.8	438.0	520.3	577.1	590.0	589.9	589.9	591.6
57.5	371.1	366.8	370.6	379.6	443.4	514.3	543.1	543.5	542.6	543.3
60.0	329.3	323.5	321.4	327.0	367.2	441.3	494.5	496.0	494.5	494.9
62.5	288.8	281.2	277.4	278.0	296.9	361.9	444.9	447.3	445.6	446.0
65.0	249.7	241.3	235.7	233.6	237.8	281.9	393.4	396.0	394.5	396.6
67.5	212.5	203.9	197.1	193.9	195.4	215.8	341.1	343.1	341.8	343.6
70.0	177.7	171.7	167.1	162.1	158.8	167.3	288.9	290.4	290.1	290.4
72.5	147.1	146.0	145.0	138.8	127.4	126.3	237.4	238.0	239.7	239.2
75.0	120.5	122.0	123.5	118.7	106.4	95.05	170.1	187.6	188.1	187.6
77.5	94.59	97.15	98.48	98.98	91.09	72.61	88.59	140.2	138.9	139.5

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

80.0	69.38	71.66	73.36	73.08	70.49	57.41	50.70	96.11	94.95	94.59
82.5	45.63	47.21	47.79	47.29	46.77	41.75	28.71	57.68	56.80	55.68
85.0	22.17	23.74	25.46	22.37	21.34	19.43	9.004	22.81	23.28	23.16
87.5	12.02	10.70	9.530	6.161	6.096	4.456	1.812	5.122	5.615	4.660
90.0	2.200	2.142	2.079	1.857	1.329	0.7206	0.4506	0.3066	0.3607	0.3698
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
2.5	1164	1164	1164	1163	1163	1163	1163	1162	1162	1162
5.0	1159	1158	1158	1157	1157	1157	1157	1157	1157	1157
7.5	1151	1150	1150	1150	1150	1150	1150	1150	1151	1151
10.0	1141	1140	1140	1141	1141	1142	1142	1143	1144	1144
12.5	1128	1128	1129	1130	1131	1132	1133	1134	1133	1132
15.0	1114	1114	1116	1117	1119	1118	1117	1117	1116	1116
17.5	1097	1098	1100	1102	1100	1099	1099	1099	1099	1100
20.0	1078	1080	1082	1080	1079	1079	1079	1080	1081	1083
22.5	1057	1061	1058	1057	1057	1058	1059	1061	1063	1063
25.0	1035	1035	1033	1033	1034	1036	1038	1038	1037	1037
27.5	1010	1007	1006	1007	1009	1012	1011	1010	1010	1011
30.0	979.8	977.6	977.9	979.9	982.5	981.1	981.1	981.9	983.1	984.9
32.5	947.8	946.8	948.2	951.6	950.0	950.0	951.1	953.3	955.6	958.3
35.0	914.3	914.5	917.3	917.0	916.8	918.3	920.8	924.1	923.7	923.6
37.5	879.2	880.7	882.7	881.7	882.9	885.9	888.5	887.7	887.9	888.6
40.0	842.9	845.9	845.0	845.7	848.6	851.0	850.1	850.5	851.8	853.6
42.5	805.3	807.1	806.4	809.0	812.2	810.8	811.3	813.1	815.5	818.5
45.0	766.5	766.2	767.3	771.8	770.1	770.4	772.3	775.4	777.0	777.5
47.5	725.7	724.3	727.7	728.1	727.8	729.7	733.3	733.4	734.3	735.7
50.0	681.2	682.1	685.2	683.7	685.1	688.4	688.5	689.6	691.5	693.8
52.5	636.1	639.5	638.8	639.2	642.5	642.3	643.5	645.8	648.9	652.0
55.0	590.8	593.5	592.0	594.6	594.9	596.0	598.8	602.3	603.8	604.6
57.5	545.2	544.7	545.5	546.6	547.4	550.1	553.6	553.9	555.0	556.5
60.0	498.1	495.9	497.6	497.7	500.2	503.0	503.2	504.4	506.3	508.6
62.5	446.6	447.4	447.3	449.5	451.8	451.9	453.1	455.2	457.8	460.7
65.0	394.7	395.9	397.3	400.3	400.0	401.5	403.5	406.0	407.5	409.8
67.5	343.1	343.8	347.1	347.2	348.5	351.7	352.9	354.7	356.4	359.1
70.0	290.2	293.1	293.5	294.8	297.4	299.7	301.3	303.6	305.6	308.4
72.5	239.0	240.2	241.5	243.1	245.5	248.0	250.1	252.9	255.1	258.4
75.0	188.4	188.7	190.7	192.0	194.5	197.0	199.9	203.4	206.8	210.2
77.5	138.4	140.1	141.2	141.9	145.8	149.5	151.9	154.8	158.5	162.2
80.0	94.27	95.34	94.93	98.76	102.0	103.7	104.6	106.3	110.3	114.5
82.5	55.95	57.06	58.07	59.30	59.38	58.56	59.74	65.60	73.28	80.01
85.0	26.73	24.60	22.64	28.30	32.41	36.15	39.75	43.61	48.78	53.36
87.5	7.637	9.008	11.29	14.20	16.30	18.18	20.00	21.92	24.52	26.83
90.0	0.3698	0.3743	0.3743	0.3743	0.3743	0.3743	0.3743	0.3743	0.3743	0.3744
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
2.5	1162	1162	1162	1162	1162	1162	1162	1162	1162	1162
5.0	1157	1157	1157	1157	1157	1157	1157	1157	1156	1156
7.5	1151	1151	1151	1151	1151	1151	1151	1151	1151	1150
10.0	1145	1146	1146	1146	1146	1146	1146	1145	1144	1143
12.5	1132	1132	1131	1131	1131	1131	1131	1131	1131	1131
15.0	1116	1116	1116	1116	1116	1116	1116	1115	1115	1115
17.5	1100	1101	1101	1101	1102	1101	1101	1100	1099	1098
20.0	1084	1085	1086	1086	1087	1086	1085	1084	1083	1081
22.5	1063	1063	1062	1063	1063	1062	1062	1062	1062	1062
25.0	1037	1038	1038	1039	1039	1038	1038	1037	1036	1036
27.5	1012	1013	1014	1014	1015	1014	1013	1012	1011	1010
30.0	986.6	988.2	989.5	990.4	990.8	990.2	988.8	987.0	985.2	983.1
32.5	957.8	957.9	958.0	958.3	958.5	958.1	957.5	956.9	956.5	956.4
35.0	923.9	924.5	925.2	925.8	926.2	925.8	924.9	923.9	923.0	922.2
37.5	889.9	891.1	892.3	893.4	893.9	893.5	892.4	891.0	889.6	888.0
40.0	855.7	857.6	859.4	860.9	861.6	861.1	859.8	858.0	855.9	853.7
42.5	819.5	819.9	820.7	821.5	822.1	821.8	821.2	820.6	820.2	819.4
45.0	778.5	779.5	780.8	781.8	782.6	782.3	781.4	780.3	779.4	778.7
47.5	737.4	739.2	740.8	742.2	743.1	742.7	741.5	740.2	738.6	737.2
50.0	696.4	698.8	700.9	702.5	703.6	703.1	701.7	700.0	697.9	695.8
52.5	653.5	654.4	655.5	656.6	657.5	657.4	656.7	656.1	655.3	654.4
55.0	606.0	607.5	608.9	610.4	611.5	611.3	610.6	609.8	608.7	607.9
57.5	558.5	560.5	562.4	564.1	565.4	565.3	564.5	563.5	562.2	561.0
60.0	511.1	513.7	516.0	517.9	519.4	519.4	518.5	517.3	515.8	514.2
62.5	462.5	464.3	466.0	467.6	468.9	469.1	468.8	468.3	467.8	467.4
65.0	411.7	413.6	415.4	417.1	418.4	418.6	418.4	417.9	417.4	416.8
67.5	361.0	363.0	364.8	366.7	367.9	368.2	368.0	367.6	367.1	366.5
70.0	310.5	312.5	314.3	316.3	317.4	317.8	317.7	317.4	316.9	316.3

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

72.5	261.3	263.8	265.6	267.5	268.7	269.1	269.1	268.8	268.0	266.9
75.0	213.3	215.7	217.2	218.8	219.9	220.4	220.8	220.9	220.2	219.0
77.5	165.4	167.7	168.9	170.1	171.1	171.8	172.5	173.0	172.5	171.1
80.0	117.6	119.8	120.6	121.4	122.4	123.2	124.2	125.2	124.8	123.3
82.5	84.66	88.03	89.65	90.95	91.85	92.28	92.45	92.23	90.51	87.25
85.0	56.50	58.79	59.88	60.75	61.35	61.64	61.74	61.59	60.41	58.20
87.5	28.42	29.57	30.11	30.55	30.84	30.99	31.04	30.96	30.38	29.26
90.0	0.3744	0.3699	0.3607	0.3472	0.3382	0.3382	0.3382	0.3383	0.3653	0.3653
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	1167	1167	1167	1167	1167	1167	1167	1167	1167	1167
2.5	1162	1162	1162	1163	1163	1163	1163	1164	1164	1164
5.0	1156	1156	1156	1156	1157	1157	1157	1157	1158	1159
7.5	1150	1149	1149	1149	1149	1149	1149	1149	1150	1150
10.0	1142	1142	1141	1140	1139	1139	1139	1139	1139	1140
12.5	1131	1132	1131	1130	1128	1127	1126	1126	1126	1127
15.0	1114	1115	1115	1116	1116	1114	1112	1111	1111	1111
17.5	1097	1097	1096	1096	1097	1098	1097	1095	1094	1094
20.0	1080	1078	1077	1076	1076	1077	1078	1076	1075	1074
22.5	1061	1059	1057	1055	1054	1054	1054	1056	1054	1052
25.0	1036	1036	1036	1033	1031	1029	1029	1031	1031	1028
27.5	1009	1008	1008	1010	1007	1004	1003	1003	1006	1003
30.0	981.2	979.8	978.9	979.1	980.5	977.7	975.1	974.3	976.1	975.1
32.5	953.6	951.0	948.9	947.9	948.1	950.0	946.3	944.0	944.7	946.1
35.0	922.0	921.8	918.5	916.2	915.0	915.8	916.4	912.7	912.0	914.4
37.5	886.8	886.1	886.4	883.9	881.4	880.7	882.1	880.2	878.0	879.5
40.0	851.6	849.9	849.1	849.3	847.0	844.7	844.8	846.5	842.9	842.9
42.5	816.3	813.5	811.5	810.4	811.1	808.3	806.7	808.4	806.6	805.2
45.0	778.5	777.2	773.8	771.6	770.5	771.4	767.8	768.1	769.1	766.2
47.5	736.2	735.8	736.1	732.3	729.8	729.5	728.8	726.9	729.7	726.3
50.0	693.9	692.5	692.0	692.9	689.1	687.0	687.4	685.2	685.9	685.3
52.5	651.7	649.4	647.7	647.3	648.3	644.3	642.7	642.9	641.7	643.1
55.0	607.4	606.5	603.6	601.7	601.6	601.8	598.3	598.5	596.9	599.9
57.5	559.9	559.0	559.3	556.5	554.7	555.0	553.9	551.8	551.7	552.8
60.0	512.6	511.3	510.4	510.3	508.3	506.9	508.1	505.3	505.6	504.8
62.5	465.6	463.7	462.1	461.2	460.9	459.3	458.2	459.4	456.2	455.5
65.0	416.4	415.9	414.3	412.6	411.0	411.2	408.6	408.7	406.6	405.9
67.5	366.0	365.4	364.7	364.5	361.5	359.7	359.0	357.1	358.0	355.2
70.0	316.0	314.9	313.8	313.2	311.8	309.6	307.0	306.5	306.0	304.3
72.5	266.3	264.8	263.1	262.0	260.3	259.6	256.6	255.2	255.0	254.7
75.0	217.7	215.3	213.2	211.4	209.7	207.7	207.0	205.3	204.9	204.7
77.5	169.0	166.2	164.6	163.4	160.7	157.7	158.0	158.0	157.7	158.2
80.0	120.4	117.4	116.4	116.7	115.8	113.8	112.0	113.5	114.5	115.3
82.5	81.83	75.44	70.60	70.62	72.28	73.21	74.01	74.51	74.64	76.61
85.0	54.50	50.22	47.03	44.57	42.12	39.71	37.45	40.36	41.82	42.05
87.5	27.38	25.24	23.65	22.41	21.22	20.06	19.01	18.20	16.81	15.31
90.0	0.3698	0.3698	0.3698	0.3833	0.4687	0.5905	0.7708	0.9603	1.195	1.393
G/C	350.0	355.0								
0.0	1167	1167								
2.5	1165	1165								
5.0	1159	1160								
7.5	1151	1152								
10.0	1141	1142								
12.5	1128	1129								
15.0	1112	1114								
17.5	1095	1096								
20.0	1074	1076								
22.5	1052	1054								
25.0	1028	1030								
27.5	1002	1004								
30.0	973.8	975.3								
32.5	943.9	944.9								
35.0	912.0	912.7								
37.5	878.7	878.8								
40.0	843.6	843.1								
42.5	806.8	805.9								
45.0	768.9	767.3								
47.5	727.6	726.9								
50.0	685.1	685.1								
52.5	641.5	642.0								
55.0	597.1	598.0								
57.5	551.3	552.7								
60.0	505.2	506.1								
62.5	457.6	457.5								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-07-16

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

65.0	408.2	406.7
67.5	355.7	355.5
70.0	304.1	304.8
72.5	253.5	253.9
75.0	204.3	205.3
77.5	158.8	160.3
80.0	115.8	116.1
82.5	77.21	77.29
85.0	43.70	44.11
87.5	16.75	16.52
90.0	1.592	1.808

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-07-16

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks: