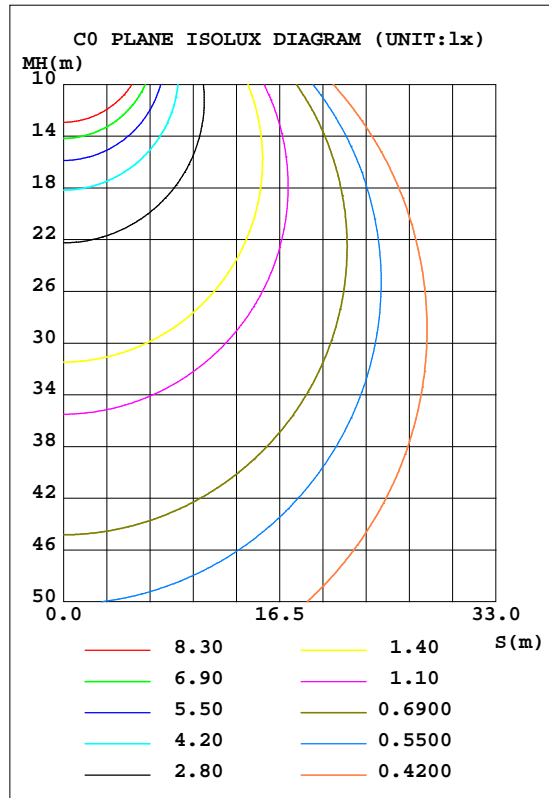
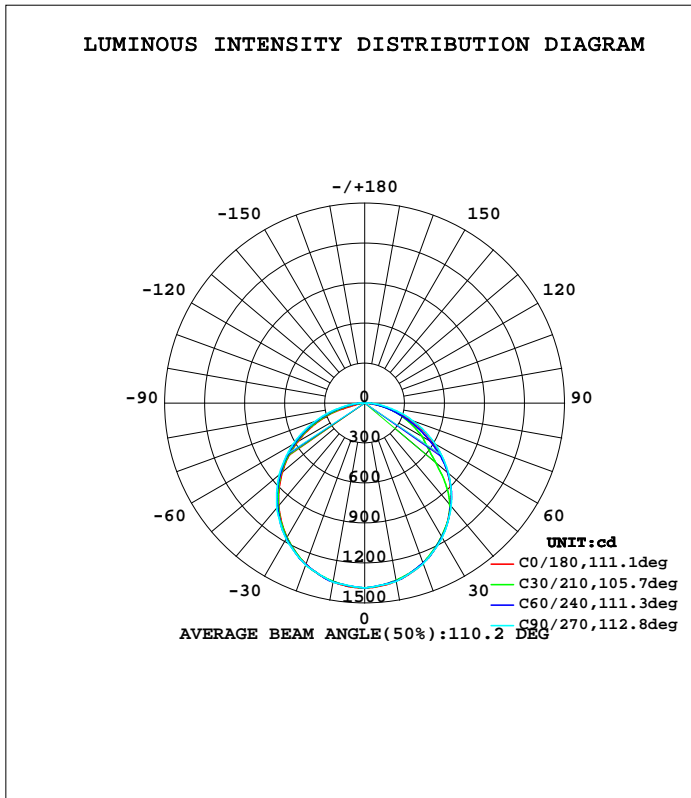


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LR44-35E	I <sub>max</sub> (cd)	1386	S/MH(C0/180)	1.25
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3773.4	η UP, DN(C0-180)	0.0,48.0
NOMINAL FLUX(lm)	3773.39	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,52.0
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



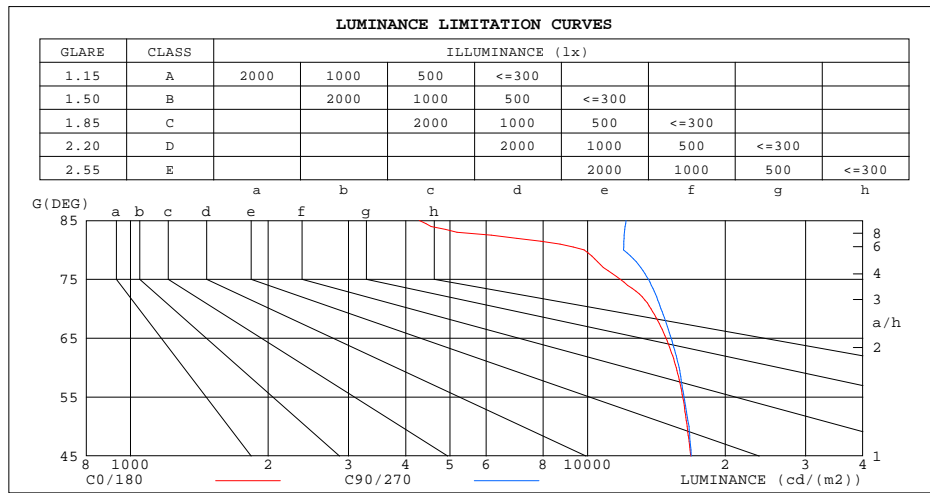
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-08-13

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	Σlum,lamp
5	1378	1372	1373	1374	1381	1376	1375	1374	0- 5	32.98	32.98	0.87,0.87
10	1357	1352	1359	1356	1362	1359	1364	1355	5- 10	97.71	130.7	3.46,3.46
15	1324	1322	1322	1328	1331	1333	1329	1326	10- 15	159.1	289.8	7.68,7.68
20	1279	1274	1284	1279	1287	1287	1294	1280	15- 20	214.8	504.6	13.4,13.4
25	1224	1223	1225	1226	1232	1235	1237	1229	20- 25	263.3	767.9	20.3,20.3
30	1159	1158	1166	1158	1165	1170	1180	1165	25- 30	302.6	1070	28.4,28.4
35	1085	1084	1088	1074	1089	1096	1103	1090	30- 35	331.8	1402	37.2,37.2
40	1002	1004	1010	958.2	1003	1016	1026	1012	35- 40	349.0	1751	46.4,46.4
45	912.5	885.3	916.5	780.5	909.0	919.9	932.8	920.2	40- 45	352.3	2104	55.7,55.7
50	815.0	735.3	822.7	609.3	807.8	822.3	839.2	827.8	45- 50	339.5	2443	64.7,64.7
55	711.5	600.0	716.0	490.2	698.2	713.2	731.4	720.7	50- 55	314.4	2757	73.1,73.1
60	599.9	498.1	609.2	394.6	581.3	603.6	623.5	613.2	55- 60	280.9	3038	80.5,80.5
65	481.9	403.6	494.7	307.4	457.1	483.2	506.6	498.1	60- 65	240.4	3279	86.9,86.9
70	361.4	305.2	380.1	221.3	331.1	360.9	389.7	380.5	65- 70	193.7	3472	92,92
75	234.4	211.9	270.0	140.1	168.8	238.3	276.3	260.5	70- 75	144.1	3616	95.8,95.8
80	131.0	122.2	159.9	75.20	59.38	129.5	162.9	148.8	75- 80	93.89	3710	98.3,98.3
85	28.69	51.55	81.29	29.13	10.88	48.53	81.68	60.59	80- 85	48.18	3759	99.6,99.6
90	1.227	4.243	2.669	2.701	1.005	0.4916	0.4149	0.8788	85- 90	14.83	3773	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	4286	12145
80	9823	11991
75	11791	13583
70	13759	14470
65	14849	15240
60	15624	15865
55	16153	16254
50	16510	16666
45	16803	16877

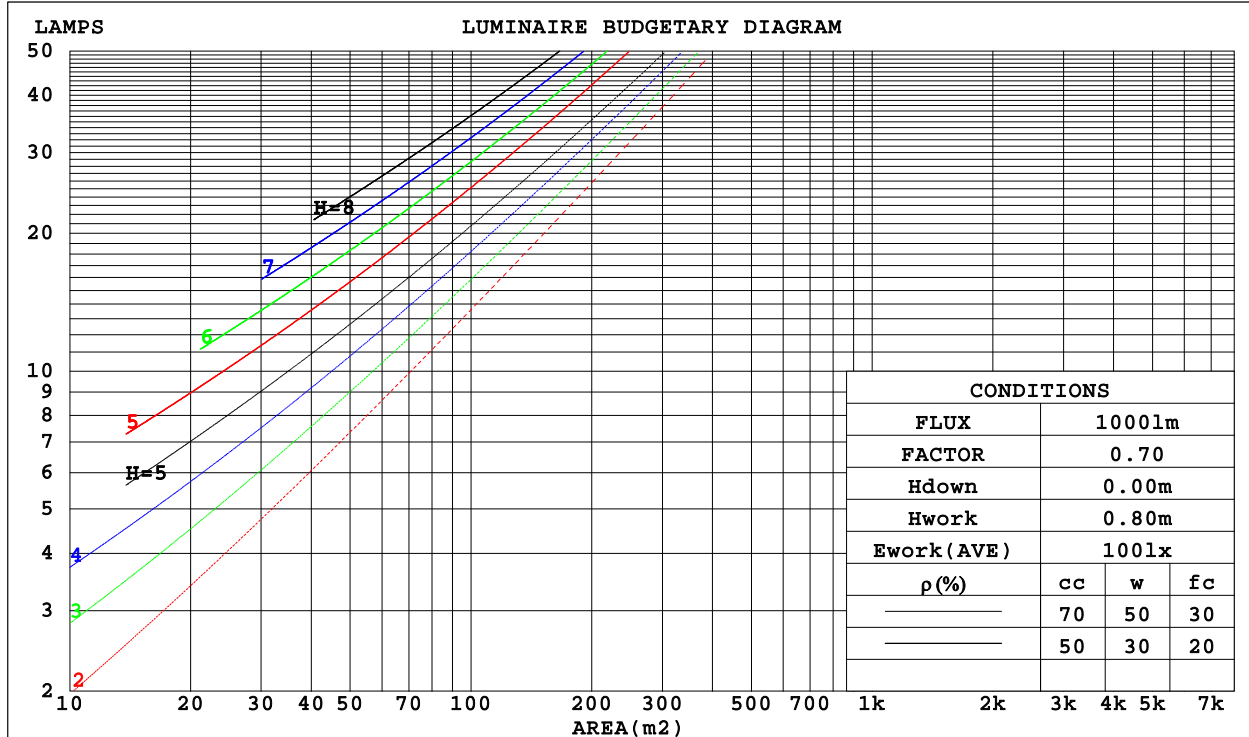
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019-08-13

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:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.00
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	.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	.60
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.63	.58	.53	.51
5.0	.64	.55	.48	.63	.54	.48	.60	.53	.47	.58	.52	.47	.57	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.42	.37	.47	.41	.36	.34
8.0	.48	.39	.33	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.35	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.28
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:2019-08-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	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	.301	.171	.054	.294	.168	.053	.281	.161	.051	.269	.155	.050	.258	.149	.048	
2.0	.285	.156	.048	.279	.153	.047	.267	.148	.046	.256	.144	.045	.246	.139	.044	
3.0	.264	.141	.042	.259	.139	.042	.249	.135	.041	.239	.131	.040	.230	.128	.039	
4.0	.245	.127	.037	.240	.126	.037	.231	.122	.037	.222	.119	.036	.214	.117	.035	
5.0	.227	.116	.033	.223	.114	.033	.214	.112	.033	.207	.109	.032	.200	.107	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.102	.030	.193	.100	.029	.187	.098	.029	
7.0	.196	.097	.028	.193	.096	.027	.187	.094	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025	
9.0	.172	.083	.023	.170	.083	.023	.164	.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	.163	.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	.148	.090	.048	.127	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.034	.116	.065	.029	.080	.046	.021	.046	.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	.042	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.100	.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:2019-08-13

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:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm										
NAME: LR44-35E					TYPE:LED			WEIGHT:		
SPEC.:					DIM.: 1213*95*20			SERIAL No.:1		
MFR.: EVERFINE					SUR.:1182*65			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	21.8	23.3	22.1	23.5	23.7	22.6	24.1	22.9	24.3	24.5
3H	23.0	24.4	23.3	24.6	24.8	24.2	25.6	24.5	25.8	26.1
4H	23.4	24.8	23.8	25.0	25.3	24.9	26.2	25.2	26.4	26.7
6H	23.8	25.1	24.2	25.3	25.6	25.3	26.6	25.6	26.8	27.1
8H	23.9	25.1	24.3	25.4	25.7	25.5	26.7	25.8	27.0	27.2
12H	24.0	25.1	24.3	25.4	25.7	25.6	26.7	25.9	27.0	27.3
4H 2H	22.3	23.7	22.7	23.9	24.2	23.0	24.3	23.3	24.6	24.8
3H	23.8	24.9	24.1	25.2	25.5	24.7	25.9	25.1	26.2	26.5
4H	24.4	25.4	24.8	25.8	26.1	25.5	26.6	25.9	26.9	27.2
6H	24.9	25.8	25.3	26.2	26.6	26.1	27.1	26.5	27.4	27.8
8H	25.1	25.9	25.5	26.3	26.7	26.4	27.2	26.8	27.6	28.0
12H	25.2	26.0	25.6	26.4	26.8	26.6	27.4	27.0	27.7	28.1
8H 4H	24.6	25.5	25.1	25.9	26.3	25.7	26.5	26.1	26.9	27.3
6H	25.3	26.0	25.7	26.4	26.9	26.4	27.1	26.8	27.5	27.9
8H	25.6	26.2	26.0	26.6	27.1	26.7	27.3	27.1	27.7	28.2
12H	25.7	26.3	26.2	26.7	27.2	27.0	27.5	27.4	28.0	28.4
12H 4H	24.6	25.4	25.1	25.8	26.2	25.7	26.5	26.1	26.8	27.2
6H	25.3	26.0	25.8	26.4	26.9	26.4	27.0	26.8	27.5	27.9
8H	25.6	26.2	26.1	26.6	27.1	26.7	27.3	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	+ 0.4 / - 0.2					+ 0.2 / - 0.4				
2.0H	+ 0.5 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 3773 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.6)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-08-13

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:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	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	57	46	40	34
0.80	69	57	50	68	57	50	66	56	49	43
1.00	77	66	59	76	66	59	74	67	58	51
1.25	84	74	67	83	73	66	80	72	66	58
1.50	89	79	73	87	78	72	84	77	71	64
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	87	79
4.00	107	101	97	104	99	95	100	96	93	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:2019-08-13

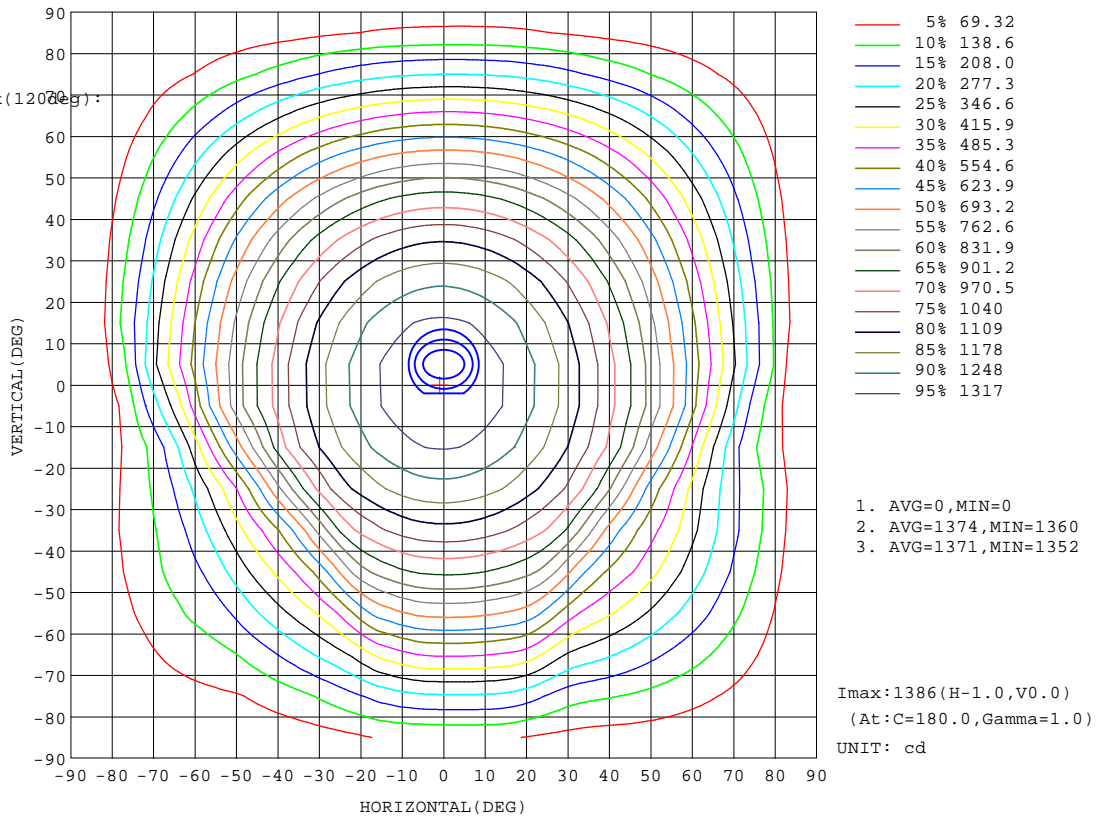
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:8.190m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.2V I:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	PROTECTION ANGLE:

Conical surface Flux(90deg):  
 2103.5 lm  
 %lum = 55.7%  
 %lamp = 55.7%

Conical surface Flux(120deg):  
 3038.3 lm  
 %lum = 80.5%  
 %lamp = 80.5%

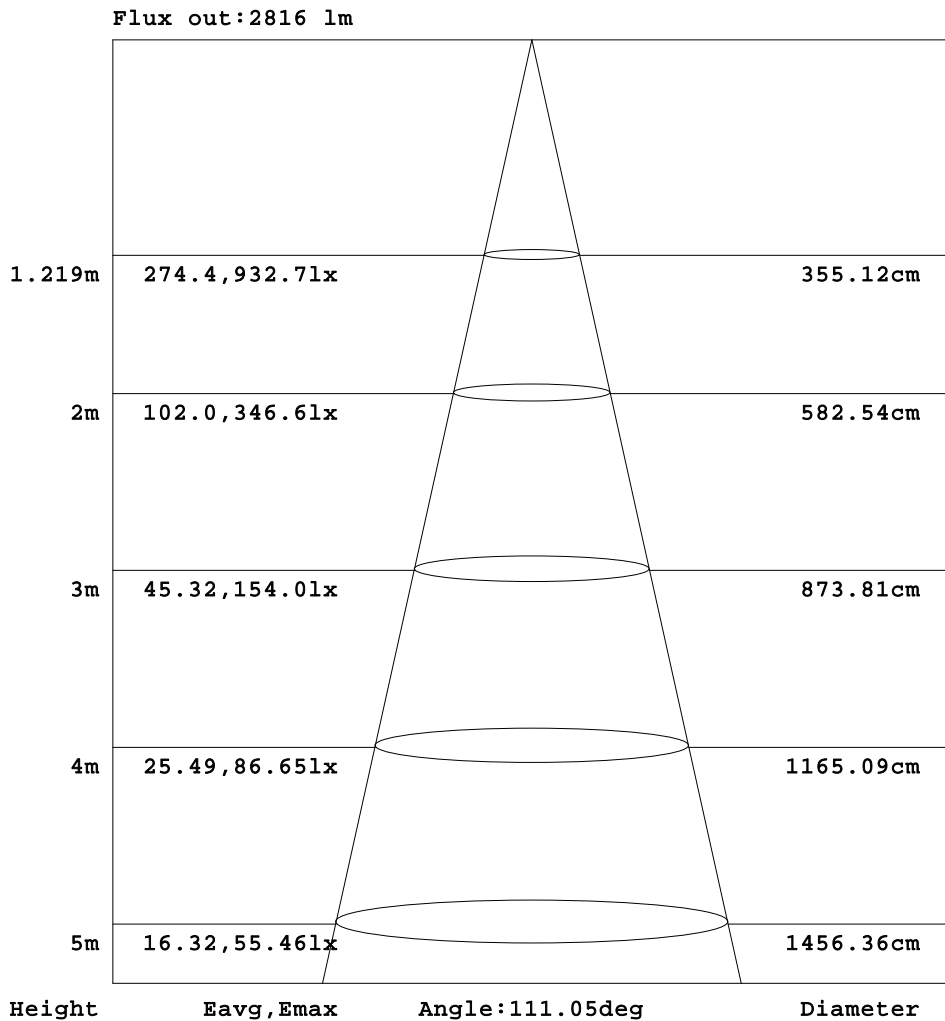


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-08-13

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:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	PROTECTION ANGLE:



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

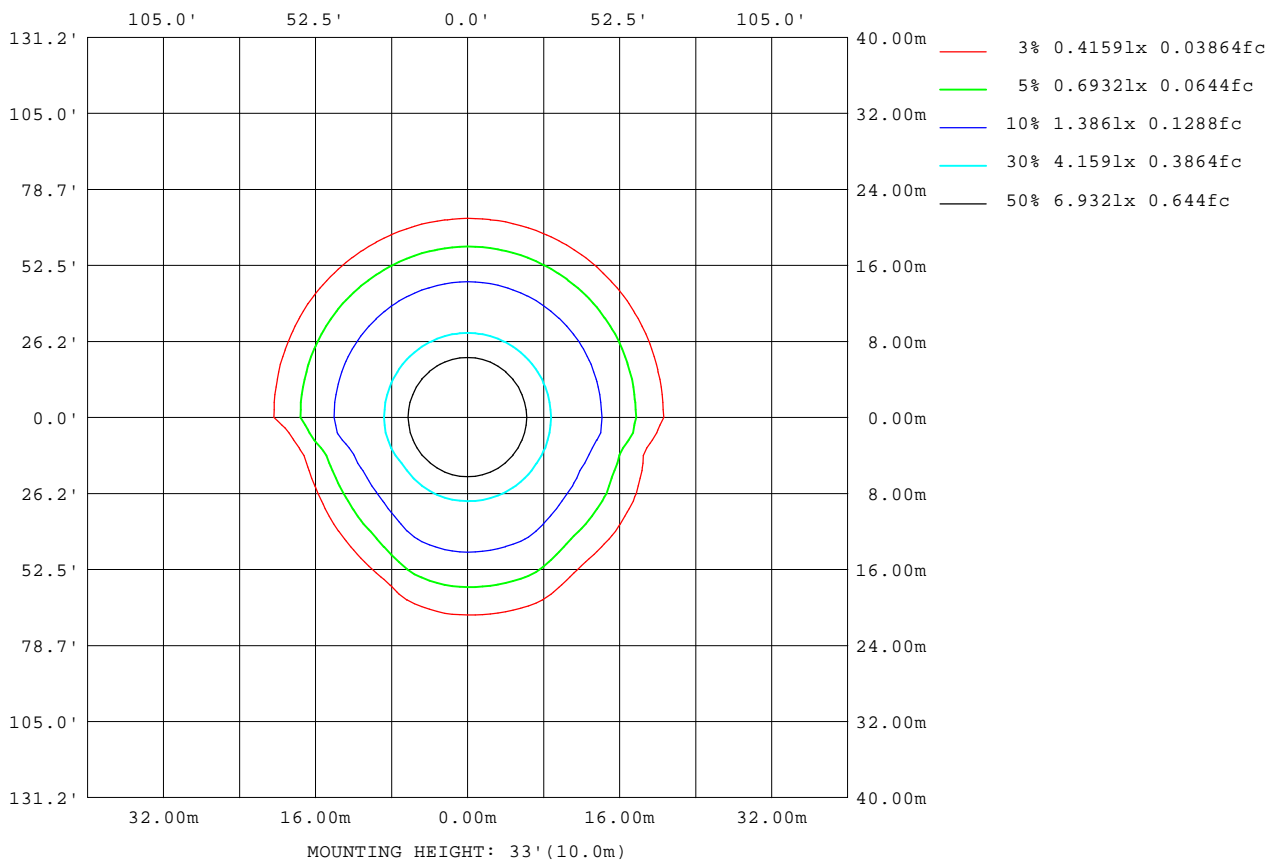
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-08-13

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:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-08-13

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:0.3400A P:40.70W PF:0.9958 Lamp Flux:3773.39x1 lm		
NAME: LR44-35E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 1213*95*20	SERIAL No.:1
MFR.: EVERFINE	SUR.:1182*65	PROTECTION ANGLE:

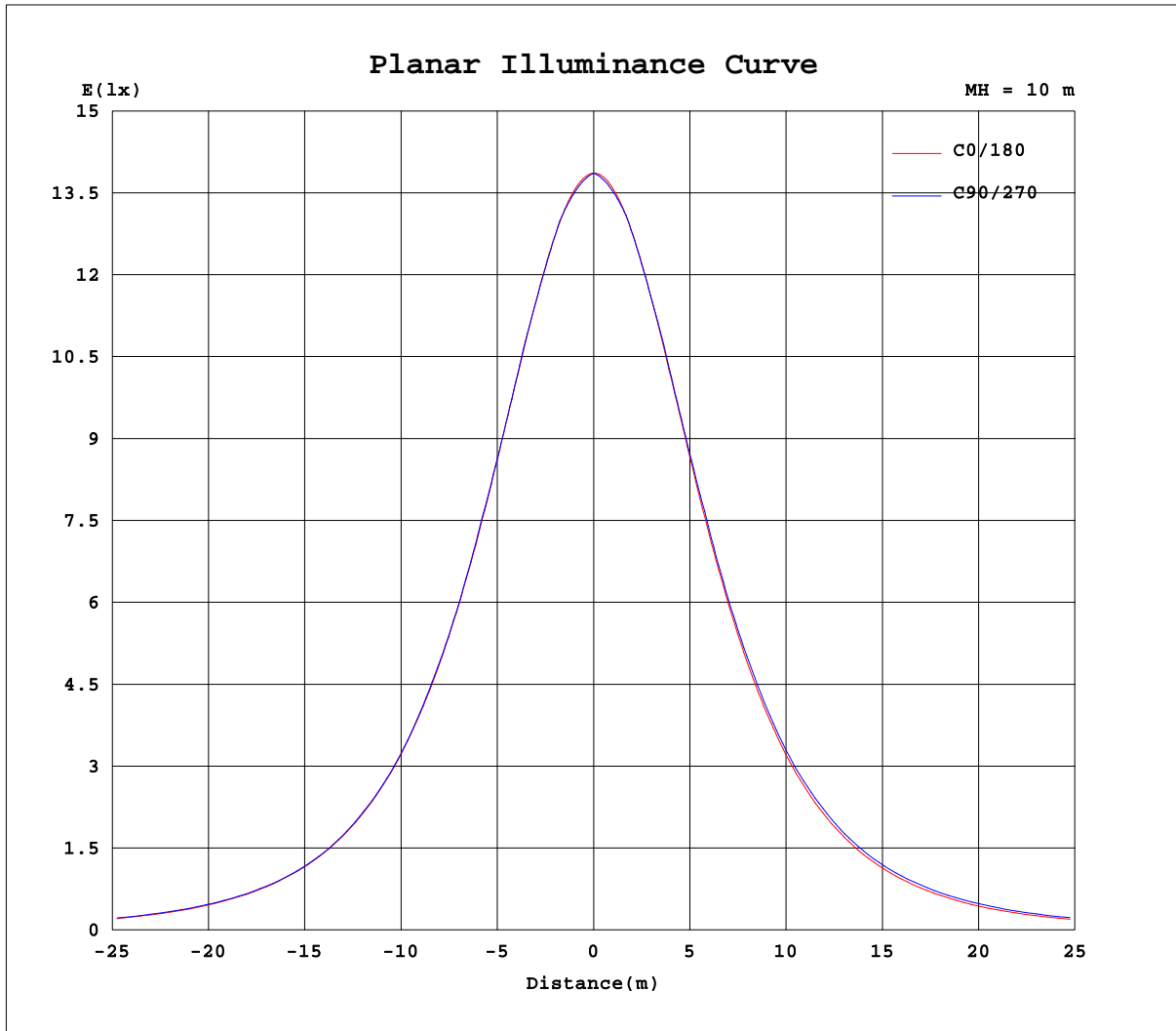
AvgL	cd/m2
L_0~180(65)av	14466
L_0~180(75)av	10142
L_0~180(85)av	2955
L_90~270(65)av	15425
L_90~270(75)av	13743
L_90~270(85)av	12173
L_45(65)av	13034
L_45(75)av	10700
L_45(85)av	7089

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2019-08-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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: 2019-08-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386
2.5	1384	1383	1383	1382	1382	1381	1381	1381	1380	1380
5.0	1378	1377	1376	1375	1374	1374	1373	1373	1372	1372
7.5	1369	1367	1366	1365	1364	1363	1363	1363	1363	1363
10.0	1357	1355	1353	1352	1351	1350	1350	1351	1351	1352
12.5	1342	1339	1337	1336	1335	1335	1335	1336	1338	1339
15.0	1324	1321	1319	1317	1317	1317	1319	1320	1323	1322
17.5	1303	1299	1297	1296	1296	1297	1300	1301	1300	1299
20.0	1279	1275	1273	1272	1273	1275	1278	1275	1274	1274
22.5	1253	1249	1247	1246	1248	1251	1249	1248	1248	1249
25.0	1224	1220	1218	1218	1221	1221	1219	1219	1220	1223
27.5	1192	1188	1186	1187	1191	1188	1187	1189	1192	1194
30.0	1159	1154	1153	1155	1156	1154	1155	1158	1160	1158
32.5	1123	1118	1117	1120	1119	1118	1121	1125	1122	1121
35.0	1085	1080	1080	1083	1080	1081	1086	1085	1083	1084
37.5	1045	1040	1040	1042	1040	1043	1044	1042	1044	1046
40.0	1002	997.5	998.8	998.5	999.1	1004	992.8	993.0	1001	1004
42.5	958.2	953.3	955.5	951.0	953.4	949.6	932.1	935.3	948.2	949.3
45.0	912.5	907.7	911.0	896.5	898.8	877.5	859.6	866.8	873.9	885.3
47.5	864.7	860.1	858.0	833.3	828.2	795.7	777.9	783.1	794.7	811.9
50.0	815.0	810.9	797.5	759.8	738.0	709.7	695.9	704.0	715.6	735.3
52.5	764.2	760.2	731.0	679.1	651.7	624.4	629.2	634.1	640.1	663.7
55.0	711.5	707.0	659.0	595.7	576.9	559.8	575.6	576.3	584.3	600.0
57.5	657.0	645.6	578.9	525.7	516.2	517.7	532.9	533.7	538.2	544.9
60.0	599.9	573.1	493.5	465.5	468.5	480.5	493.7	493.2	497.5	498.1
62.5	541.6	490.6	408.0	413.6	426.8	442.9	446.0	450.0	454.5	451.7
65.0	481.9	402.7	337.3	369.5	383.8	395.2	397.5	403.1	403.8	403.6
67.5	421.8	321.0	296.3	327.6	342.2	347.5	350.3	352.8	353.4	354.4
70.0	361.4	251.1	261.0	288.2	299.3	304.3	304.3	306.3	304.7	305.2
72.5	299.8	196.9	232.5	253.0	258.7	260.8	260.9	260.7	258.1	257.9
75.0	234.4	163.6	202.0	213.6	216.9	217.9	216.3	212.5	211.7	211.9
77.5	177.4	144.3	169.2	175.3	173.2	173.5	168.8	165.4	166.4	166.7
80.0	131.0	119.0	131.3	131.9	130.6	128.4	123.9	124.8	124.6	122.2
82.5	61.70	89.13	91.79	91.66	90.53	89.50	88.62	87.44	84.12	78.31
85.0	28.69	54.88	55.92	55.97	56.32	55.66	54.26	54.57	53.35	51.55
87.5	11.46	23.08	24.42	24.63	27.54	29.00	29.69	29.81	29.01	27.90
90.0	1.227	4.208	4.776	5.267	5.411	5.357	5.321	5.104	4.675	4.243
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386
2.5	1380	1380	1380	1380	1380	1379	1379	1379	1380	1380
5.0	1372	1372	1372	1372	1372	1372	1372	1373	1373	1373
7.5	1363	1363	1364	1364	1365	1365	1365	1366	1366	1366
10.0	1353	1354	1355	1356	1356	1357	1358	1359	1359	1359
12.5	1341	1342	1341	1340	1340	1340	1340	1340	1340	1341
15.0	1321	1320	1320	1320	1320	1321	1321	1321	1322	1322
17.5	1298	1299	1299	1300	1300	1301	1302	1302	1303	1303
20.0	1275	1276	1277	1279	1280	1282	1283	1284	1284	1284
22.5	1250	1253	1255	1255	1255	1254	1254	1254	1255	1255
25.0	1225	1225	1224	1224	1224	1224	1225	1225	1225	1225
27.5	1193	1192	1192	1192	1193	1194	1195	1195	1196	1196
30.0	1158	1158	1159	1161	1162	1164	1165	1166	1166	1166
32.5	1122	1124	1126	1129	1128	1128	1127	1127	1127	1127
35.0	1086	1089	1088	1088	1088	1088	1088	1088	1088	1088
37.5	1048	1047	1047	1047	1048	1049	1049	1050	1049	1049
40.0	1004	1004	1005	1007	1008	1009	1010	1011	1010	1009
42.5	955.4	961.6	963.7	966.1	965.8	965.2	964.6	964.1	963.4	962.6
45.0	901.7	917.5	919.1	918.3	917.9	917.7	917.6	917.2	916.5	915.5
47.5	840.4	860.1	867.8	869.6	869.9	870.3	870.5	870.4	869.6	868.5
50.0	766.1	794.4	814.0	820.9	822.0	822.9	823.5	823.5	822.7	821.4
52.5	692.1	725.0	756.7	772.1	772.2	771.8	771.2	770.5	769.4	768.1
55.0	621.3	654.9	694.4	716.4	718.3	718.2	717.9	717.2	716.0	714.5
57.5	556.0	587.9	628.8	658.5	664.6	664.6	664.6	663.9	662.6	660.9
60.0	502.2	526.5	563.6	599.0	610.8	611.2	611.3	610.6	609.2	607.2
62.5	453.6	468.5	500.1	538.9	555.5	555.2	554.7	553.6	551.9	549.8
65.0	407.5	413.8	438.3	476.8	497.6	497.9	497.5	496.3	494.7	492.3
67.5	358.2	358.0	377.8	415.5	439.2	440.7	440.3	439.1	437.4	434.9
70.0	306.7	303.9	318.5	354.6	380.8	383.6	383.1	381.8	380.1	377.4
72.5	256.3	251.0	260.7	295.2	321.9	327.8	328.0	326.8	325.0	322.4
75.0	207.8	203.0	211.4	238.6	262.3	272.2	273.1	271.8	270.0	267.6
77.5	162.1	157.5	163.7	183.4	203.1	216.5	218.3	216.9	215.0	212.9
80.0	116.5	112.2	117.0	129.4	144.1	160.7	163.6	161.9	159.9	158.2
82.5	72.88	73.19	80.33	91.06	104.2	119.5	122.8	122.0	120.6	119.1
85.0	49.96	50.03	54.66	61.83	70.55	80.81	83.03	82.32	81.29	80.24

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-08-13

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	27.04	27.03	29.27	32.86	37.12	42.20	43.22	42.65	41.98	41.40
90.0	4.113	4.126	4.018	4.031	3.828	3.653	3.404	2.975	2.669	2.571
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386
2.5	1380	1380	1380	1380	1380	1381	1381	1381	1382	1382
5.0	1373	1373	1373	1373	1374	1374	1374	1374	1375	1375
7.5	1366	1366	1366	1366	1366	1366	1366	1366	1366	1366
10.0	1359	1359	1359	1358	1358	1357	1356	1356	1355	1355
12.5	1341	1342	1342	1343	1344	1346	1346	1344	1343	1342
15.0	1322	1322	1323	1323	1324	1325	1326	1328	1329	1327
17.5	1303	1303	1303	1302	1302	1303	1303	1304	1306	1309
20.0	1284	1283	1282	1281	1280	1280	1279	1279	1280	1282
22.5	1255	1256	1256	1257	1258	1256	1254	1253	1253	1254
25.0	1225	1225	1225	1225	1225	1227	1228	1226	1224	1224
27.5	1195	1195	1194	1192	1191	1192	1193	1197	1195	1193
30.0	1165	1164	1162	1159	1156	1155	1156	1158	1162	1160
32.5	1127	1127	1126	1124	1121	1118	1117	1117	1119	1125
35.0	1088	1086	1083	1081	1079	1080	1077	1074	1071	1074
37.5	1048	1044	1040	1036	1032	1031	1033	1024	1012	1012
40.0	1008	1002	997.6	990.0	983.5	976.4	967.9	958.2	940.7	935.6
42.5	961.2	956.3	952.2	942.3	933.8	914.7	892.2	870.7	854.4	843.1
45.0	913.3	907.3	900.2	888.7	876.9	845.7	807.1	780.5	758.5	741.3
47.5	865.3	858.0	847.2	834.2	810.5	768.2	719.1	692.3	671.8	656.3
50.0	817.2	807.2	794.5	777.2	740.5	687.8	642.7	609.3	594.0	582.7
52.5	762.6	751.5	740.0	717.5	667.0	610.8	572.7	546.3	525.0	519.0
55.0	706.5	693.6	680.2	647.9	592.0	539.5	508.8	490.2	473.4	462.3
57.5	650.2	636.1	618.8	576.1	523.7	481.7	452.7	440.1	426.6	414.9
60.0	593.9	578.9	556.1	504.4	461.8	431.0	408.6	394.6	382.3	369.9
62.5	536.6	520.4	493.4	434.8	404.8	384.9	365.9	350.9	338.8	325.9
65.0	479.4	461.3	433.8	387.2	357.0	341.4	323.9	307.4	293.8	281.9
67.5	422.4	402.2	376.2	340.9	314.1	296.4	280.4	264.2	250.1	237.6
70.0	365.5	343.2	320.6	295.7	271.4	252.4	236.2	221.3	208.0	196.3
72.5	312.6	292.7	271.0	250.8	228.9	208.8	193.3	180.0	168.4	158.7
75.0	260.3	245.5	225.1	204.5	184.8	167.2	152.5	140.1	130.7	126.7
77.5	208.3	198.8	179.3	158.9	141.6	127.3	116.4	106.3	96.60	97.78
80.0	156.3	152.3	133.5	113.7	99.06	88.35	81.53	75.20	69.35	71.75
82.5	117.3	113.8	97.89	80.39	66.51	55.83	48.91	45.22	43.47	46.21
85.0	79.04	76.68	65.80	54.18	44.94	37.88	33.29	29.13	26.05	25.08
87.5	40.85	39.58	34.05	28.32	23.74	20.24	17.95	15.83	14.35	13.85
90.0	2.665	2.525	2.476	2.616	2.719	2.746	2.737	2.701	2.719	2.746
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386
2.5	1382	1383	1383	1384	1384	1385	1385	1385	1384	1384
5.0	1376	1376	1377	1378	1379	1380	1381	1380	1379	1378
7.5	1367	1367	1368	1369	1370	1372	1373	1372	1371	1370
10.0	1355	1356	1356	1357	1358	1360	1362	1361	1359	1358
12.5	1341	1341	1341	1342	1343	1345	1348	1346	1345	1344
15.0	1325	1324	1324	1324	1326	1328	1331	1328	1327	1326
17.5	1307	1305	1304	1304	1305	1307	1310	1308	1306	1306
20.0	1285	1284	1281	1281	1281	1283	1287	1284	1283	1283
22.5	1256	1260	1256	1255	1255	1257	1261	1258	1257	1258
25.0	1225	1228	1229	1226	1226	1227	1232	1229	1228	1230
27.5	1193	1195	1199	1195	1194	1195	1200	1197	1197	1199
30.0	1158	1159	1163	1162	1160	1161	1165	1162	1163	1167
32.5	1122	1122	1124	1127	1123	1124	1128	1125	1126	1132
35.0	1085	1083	1083	1088	1085	1084	1089	1088	1088	1093
37.5	1032	1041	1038	1043	1044	1043	1047	1044	1047	1050
40.0	955.7	988.8	983.1	991.6	1001	998.8	1003	1001	1004	1005
42.5	863.4	903.8	916.4	930.6	956.0	952.8	956.9	954.7	959.7	958.3
45.0	762.9	802.0	833.0	855.1	909.5	905.1	909.0	907.1	913.4	910.0
47.5	661.9	699.0	727.4	767.5	846.5	855.6	859.1	857.8	863.0	860.1
50.0	577.0	602.1	625.3	671.4	769.4	800.5	807.8	806.7	810.2	809.1
52.5	515.5	520.5	538.7	569.0	679.8	736.7	754.0	753.9	755.8	757.1
55.0	459.7	458.2	466.1	476.7	585.4	662.9	698.2	699.1	700.0	702.9
57.5	408.8	404.6	405.5	413.2	490.1	578.7	641.3	642.9	642.6	644.7
60.0	360.1	353.8	351.4	355.5	398.9	483.2	581.3	584.1	583.3	585.5
62.5	313.6	305.5	301.4	302.4	318.9	383.4	519.7	523.8	522.5	525.2
65.0	269.2	260.1	254.5	252.9	257.1	293.0	457.1	461.2	460.4	465.3
67.5	227.0	219.3	211.1	209.9	213.6	227.8	393.9	397.1	396.7	401.1
70.0	189.8	186.9	181.9	177.9	173.9	177.4	331.1	333.6	334.8	336.9
72.5	158.7	160.8	159.0	156.0	140.4	135.4	263.1	270.9	274.7	275.2
75.0	131.0	135.3	136.5	131.6	120.2	105.1	168.8	213.0	214.8	215.6
77.5	103.2	108.5	110.7	112.2	103.3	81.60	88.04	160.2	160.5	161.9

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-08-13

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	76.36	80.12	83.54	84.31	81.67	65.32	59.38	110.6	110.5	111.3
82.5	49.93	53.23	54.23	54.36	53.99	48.28	28.53	66.08	66.35	66.48
85.0	23.77	27.49	29.00	26.19	25.42	24.11	10.88	27.93	28.80	29.50
87.5	13.22	12.81	11.20	7.408	7.609	6.125	2.419	7.022	7.890	7.551
90.0	2.832	2.823	2.732	2.506	1.924	1.298	1.005	0.3968	0.4058	0.4284
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386
2.5	1384	1383	1383	1383	1382	1382	1382	1382	1381	1381
5.0	1378	1377	1377	1377	1376	1376	1376	1376	1376	1376
7.5	1369	1369	1368	1368	1368	1369	1369	1369	1369	1369
10.0	1358	1358	1358	1358	1359	1359	1360	1361	1362	1363
12.5	1344	1344	1345	1346	1347	1349	1351	1351	1350	1349
15.0	1327	1328	1329	1331	1334	1333	1332	1331	1330	1330
17.5	1307	1309	1312	1314	1312	1311	1310	1310	1310	1310
20.0	1285	1288	1290	1288	1287	1287	1287	1288	1289	1290
22.5	1260	1265	1262	1261	1261	1262	1263	1265	1267	1267
25.0	1234	1234	1232	1232	1233	1235	1238	1238	1237	1237
27.5	1204	1201	1200	1201	1204	1207	1205	1205	1205	1206
30.0	1168	1166	1166	1169	1172	1170	1170	1171	1173	1175
32.5	1130	1129	1131	1135	1133	1134	1135	1138	1141	1144
35.0	1089	1090	1094	1094	1094	1096	1099	1103	1102	1102
37.5	1048	1050	1052	1052	1054	1058	1061	1060	1060	1060
40.0	1004	1008	1008	1009	1013	1016	1015	1015	1017	1019
42.5	959.1	961.7	961.7	965.4	969.8	968.2	968.6	970.6	973.2	976.6
45.0	912.6	913.1	915.3	921.3	919.5	919.9	922.1	925.6	927.3	927.9
47.5	864.0	863.4	868.3	869.3	869.1	871.4	875.5	875.8	876.7	878.4
50.0	811.3	813.4	818.1	816.5	818.5	822.3	822.5	823.9	826.1	828.8
52.5	757.6	762.9	762.8	763.7	767.9	767.9	769.4	772.2	775.6	779.3
55.0	703.6	708.3	707.2	710.7	711.6	713.2	716.6	720.7	722.5	723.6
57.5	648.9	649.7	651.7	653.8	655.5	659.1	663.3	663.9	665.4	667.3
60.0	591.8	590.5	594.1	595.6	599.7	603.6	604.3	606.0	608.3	611.1
62.5	528.2	531.0	533.2	537.8	542.1	543.2	545.5	548.5	551.6	555.0
65.0	464.8	468.0	472.2	478.0	479.5	483.2	487.1	490.8	493.3	495.9
67.5	402.4	405.3	411.4	413.8	417.7	423.3	427.1	430.6	434.0	437.0
70.0	339.2	344.4	347.1	350.8	356.0	360.9	365.3	370.4	375.1	378.3
72.5	277.4	281.6	284.6	289.1	294.0	299.1	304.1	310.7	316.3	320.1
75.0	218.4	221.1	224.8	229.0	233.3	238.3	244.2	251.9	257.9	262.4
77.5	162.3	165.3	168.4	170.8	175.9	182.7	187.8	194.0	199.8	204.9
80.0	112.3	114.9	116.0	120.9	125.6	129.5	132.4	136.4	141.9	147.5
82.5	68.11	70.94	72.80	75.09	76.54	77.30	79.73	87.25	96.14	104.3
85.0	34.17	33.02	31.34	38.21	43.64	48.53	53.06	58.06	64.03	69.53
87.5	11.14	13.07	15.68	19.18	21.94	24.41	26.70	29.19	32.19	34.97
90.0	0.4374	0.5004	0.5006	0.5006	0.4961	0.4916	0.4916	0.4916	0.4916	0.5007
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386
2.5	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381
5.0	1376	1376	1375	1375	1375	1375	1375	1375	1374	1374
7.5	1370	1370	1370	1370	1370	1369	1369	1368	1368	1367
10.0	1363	1364	1364	1364	1364	1364	1363	1362	1361	1360
12.5	1348	1348	1347	1347	1346	1346	1346	1345	1345	1345
15.0	1330	1330	1329	1329	1329	1328	1328	1327	1327	1326
17.5	1311	1311	1311	1311	1311	1310	1310	1309	1308	1306
20.0	1292	1293	1293	1294	1294	1293	1292	1290	1288	1286
22.5	1267	1266	1266	1266	1265	1265	1264	1264	1263	1263
25.0	1237	1237	1237	1237	1237	1236	1235	1235	1234	1233
27.5	1207	1208	1209	1209	1209	1208	1207	1205	1204	1202
30.0	1177	1179	1180	1180	1180	1179	1178	1176	1173	1171
32.5	1143	1142	1142	1142	1142	1141	1141	1140	1139	1139
35.0	1102	1103	1103	1103	1103	1103	1102	1101	1100	1099
37.5	1062	1063	1064	1065	1065	1064	1063	1062	1060	1058
40.0	1021	1023	1025	1026	1026	1026	1024	1022	1020	1017
42.5	977.6	978.0	978.7	979.3	979.6	979.3	978.8	978.2	977.8	976.9
45.0	929.0	930.1	931.4	932.3	932.8	932.4	931.7	930.6	929.7	929.0
47.5	880.2	882.2	884.0	885.3	886.0	885.5	884.5	883.1	881.6	880.1
50.0	831.6	834.2	836.6	838.3	839.2	838.7	837.5	835.6	833.5	831.3
52.5	780.9	782.0	783.3	784.5	785.3	785.2	784.8	784.1	783.4	782.5
55.0	725.3	727.0	728.8	730.4	731.4	731.4	730.9	730.1	729.0	728.1
57.5	669.6	672.0	674.3	676.2	677.5	677.6	677.1	676.1	674.8	673.4
60.0	614.2	617.1	619.8	622.1	623.5	623.8	623.3	622.2	620.6	618.8
62.5	557.3	559.6	561.8	563.7	565.1	565.6	565.7	565.3	564.8	564.2
65.0	498.4	500.9	503.2	505.2	506.6	507.2	507.3	507.0	506.4	505.6
67.5	439.6	442.2	444.6	446.7	448.2	448.8	448.9	448.7	448.1	447.3
70.0	381.0	383.7	386.1	388.1	389.7	390.5	390.6	390.5	389.9	389.0

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-08-13

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	323.4	326.7	329.3	331.4	333.0	333.8	334.1	333.9	332.8	331.4
75.0	266.5	270.4	272.8	274.8	276.3	277.3	277.8	277.8	276.5	274.5
77.5	209.7	214.1	216.4	218.1	219.6	220.7	221.5	221.8	220.2	217.7
80.0	152.9	157.8	160.0	161.5	162.9	164.2	165.2	165.8	164.0	161.0
82.5	111.1	116.7	119.3	121.0	122.3	123.1	123.4	123.0	120.2	115.8
85.0	74.13	77.89	79.68	80.83	81.68	82.20	82.44	82.16	80.30	77.30
87.5	37.28	39.17	40.06	40.63	41.05	41.34	41.51	41.37	40.46	38.97
90.0	0.4872	0.4737	0.4509	0.4284	0.4149	0.4730	0.5772	0.5998	0.6630	0.7034
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386
2.5	1381	1381	1381	1381	1381	1381	1382	1382	1382	1383
5.0	1374	1374	1374	1374	1374	1374	1374	1375	1375	1376
7.5	1367	1366	1366	1365	1365	1365	1364	1365	1365	1366
10.0	1359	1357	1356	1355	1354	1353	1353	1352	1352	1353
12.5	1345	1346	1345	1343	1341	1339	1338	1337	1337	1337
15.0	1326	1326	1326	1326	1326	1324	1322	1320	1319	1319
17.5	1305	1304	1304	1304	1304	1305	1303	1300	1298	1298
20.0	1284	1282	1281	1280	1279	1279	1281	1278	1276	1274
22.5	1263	1260	1257	1254	1253	1252	1253	1254	1250	1248
25.0	1233	1233	1232	1229	1225	1223	1223	1224	1223	1220
27.5	1200	1200	1200	1201	1197	1193	1191	1191	1193	1189
30.0	1168	1166	1165	1165	1166	1162	1158	1157	1158	1156
32.5	1136	1132	1130	1128	1128	1129	1124	1121	1121	1122
35.0	1098	1098	1094	1090	1089	1089	1089	1084	1082	1084
37.5	1057	1056	1056	1053	1049	1048	1048	1045	1042	1042
40.0	1015	1013	1012	1012	1009	1005	1004	1006	1000	999.6
42.5	973.3	970.1	967.5	966.0	966.4	962.4	959.7	960.7	957.5	954.9
45.0	928.7	927.3	923.1	920.2	918.7	919.1	914.2	913.3	913.4	908.8
47.5	878.9	878.4	878.7	874.0	870.7	869.7	868.2	864.8	866.9	861.6
50.0	829.0	827.6	826.9	827.8	822.9	819.8	819.6	815.9	815.4	813.2
52.5	779.3	776.7	774.8	774.0	775.1	769.7	767.2	766.3	763.4	763.7
55.0	727.4	726.3	723.0	720.7	720.1	719.9	715.0	714.1	710.7	712.7
57.5	672.0	671.0	670.8	667.6	665.0	664.8	662.8	658.9	657.4	656.6
60.0	617.0	615.3	613.9	613.2	610.7	608.0	608.6	603.5	601.9	598.7
62.5	562.1	559.8	557.6	555.6	554.5	551.2	548.7	548.2	542.5	539.7
65.0	504.8	504.0	501.8	498.1	495.4	493.4	489.2	487.8	483.8	481.2
67.5	446.2	444.6	443.5	441.1	436.5	432.6	430.4	426.8	426.6	421.3
70.0	387.9	385.4	383.3	380.5	377.8	373.4	369.7	366.9	364.9	361.3
72.5	329.7	326.5	323.3	320.1	316.9	314.3	310.8	306.4	304.5	304.3
75.0	272.0	268.0	264.2	260.5	257.0	254.0	251.9	247.5	245.4	244.6
77.5	214.5	210.1	206.7	203.9	199.2	195.3	194.1	192.2	190.5	189.7
80.0	157.2	152.5	149.7	148.8	146.4	143.5	140.3	140.3	140.2	139.9
82.5	109.7	101.8	95.24	94.53	95.17	95.25	94.70	94.17	93.51	94.62
85.0	73.16	67.92	63.56	60.59	57.46	54.26	50.91	52.88	53.71	53.27
87.5	36.88	34.27	32.12	30.65	29.09	27.51	25.88	24.41	22.32	20.08
90.0	0.7216	0.7667	0.7937	0.8788	0.9151	1.028	1.163	1.222	1.330	1.434
G/C	350.0	355.0								
0.0	1386	1386								
2.5	1383	1383								
5.0	1376	1377								
7.5	1367	1368								
10.0	1354	1355								
12.5	1338	1340								
15.0	1320	1321								
17.5	1298	1300								
20.0	1274	1276								
22.5	1248	1249								
25.0	1219	1220								
27.5	1187	1189								
30.0	1154	1155								
32.5	1118	1119								
35.0	1080	1080								
37.5	1041	1040								
40.0	999.2	997.6								
42.5	955.6	953.4								
45.0	910.6	907.6								
47.5	861.8	859.5								
50.0	811.5	810.2								
52.5	760.1	759.3								
55.0	707.5	706.9								
57.5	652.8	652.5								
60.0	596.8	595.5								
62.5	540.1	537.6								

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2019-08-13

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	481.8	477.8
67.5	419.9	417.5
70.0	358.9	357.2
72.5	299.3	298.2
75.0	242.0	241.1
77.5	189.1	188.9
80.0	139.2	138.0
82.5	94.14	93.09
85.0	54.20	53.68
87.5	20.99	20.26
90.0	1.515	1.596

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2019-08-13

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: