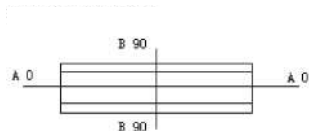
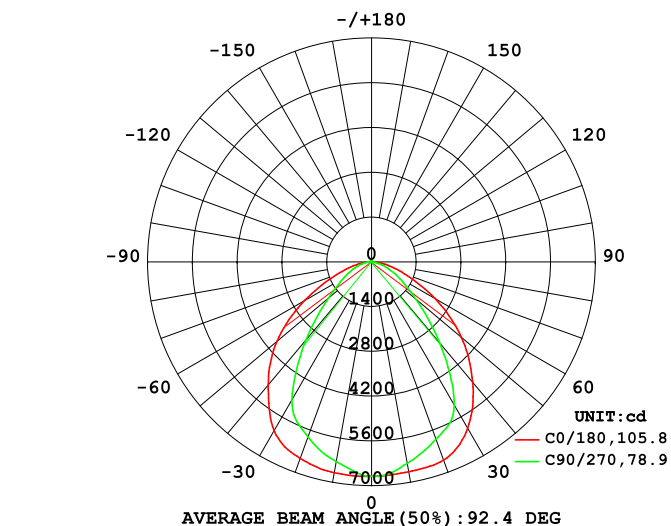


LUMINAIRE PHOTOMETRIC TEST REPORT

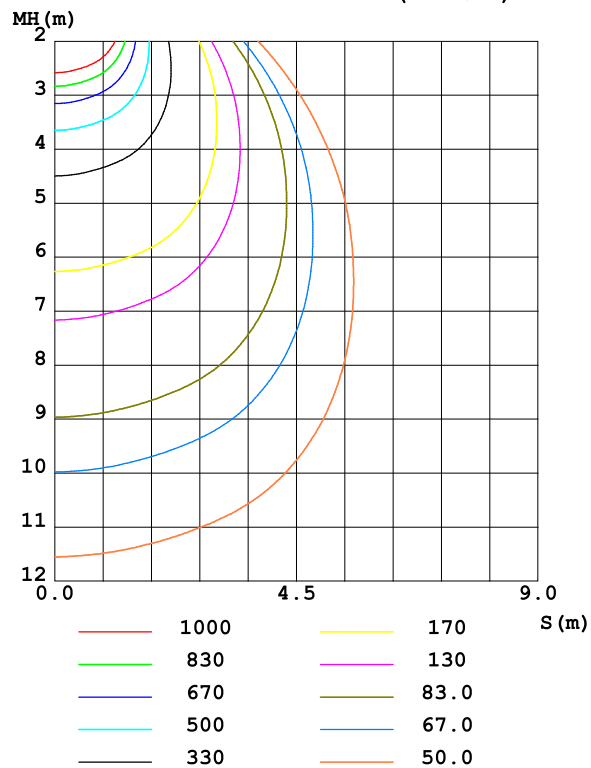
Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
TS-FL0810-100W-80*110-D-Y-5000K		Eff: 150.77 lm/W			
		Imax (cd)	6721	S/MH(C0/180)	1.32
NOMINAL POWER(W)	100	LOR (%)	100.0	S/MH(C90/270)	1.12
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	15551	η UP,DN(C0-180)	0.5,49.6
NOMINAL FLUX(lm)	15550.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,49.4
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down (%)	98.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

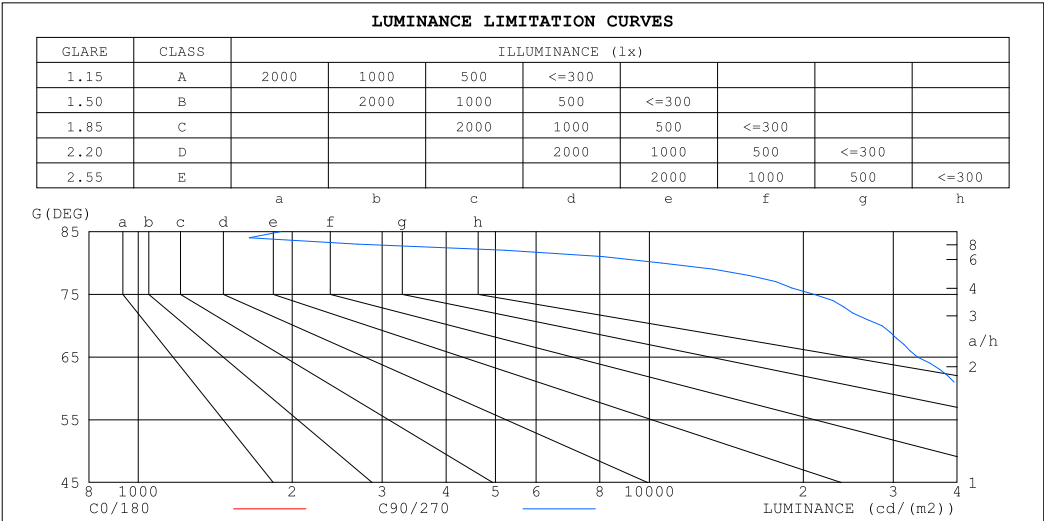
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	6664	6469	6400	6513	6695	6434	6345	6391	0- 10	629.4	629.4	4.05,4.05
20	6596	5982	5904	5974	6538	5967	5825	5928	10- 20	1775	2404	15.5,15.5
30	6013	5492	5179	5397	6098	5408	4982	5347	20- 30	2666	5070	32.6,32.6
40	4918	4812	3330	4703	5027	4647	3194	4535	30- 40	3077	8147	52.4,52.4
50	3664	3690	1808	3541	3859	3497	1756	3422	40- 50	2861	11009	70.8,70.8
60	2276	2393	992.8	2286	2415	2340	996.2	2165	50- 60	2214	13223	85,85
70	1094	1162	476.8	1114	1157	1189	563.3	1085	60- 70	1370	14593	93.8,93.8
80	409.5	287.0	89.68	282.3	432.2	464.4	236.9	424.3	70- 80	645.6	15239	98,98
90	12.93	11.67	8.296	11.51	16.09	16.33	12.62	15.45	80- 90	144.0	15382	98.9,98.9
100	15.75	13.80	10.42	13.90	18.89	17.79	13.76	16.57	90-100	14.94	15397	99,99
110	20.25	17.30	14.61	17.78	23.43	22.44	19.04	20.95	100-110	18.11	15416	99.1,99.1
120	24.87	22.17	20.34	22.67	28.92	27.93	25.02	26.67	110-120	21.85	15437	99.3,99.3
130	29.99	27.90	26.51	27.91	34.55	32.85	31.22	32.91	120-130	24.77	15462	99.4,99.4
140	35.10	33.75	32.45	33.51	39.54	37.50	37.56	37.92	130-140	25.70	15488	99.6,99.6
150	40.85	39.33	37.96	39.12	44.55	41.48	39.83	41.70	140-150	23.90	15512	99.7,99.7
160	47.22	44.82	43.66	45.34	48.03	48.33	45.85	47.54	150-160	20.07	15532	99.9,99.9
170	51.54	49.57	49.00	50.07	52.59	52.31	51.37	51.77	160-170	13.90	15546	100,100
180	53.52	52.62	53.34	52.57	53.57	52.67	53.48	52.63	170-180	4.944	15551	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-03-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	39720	1898
80	47862	10562
75	55652	21004
70	64934	28508
65	77763	33494
60	92415	40606
55	105389	47264
50	115714	57530
45	123731	71959

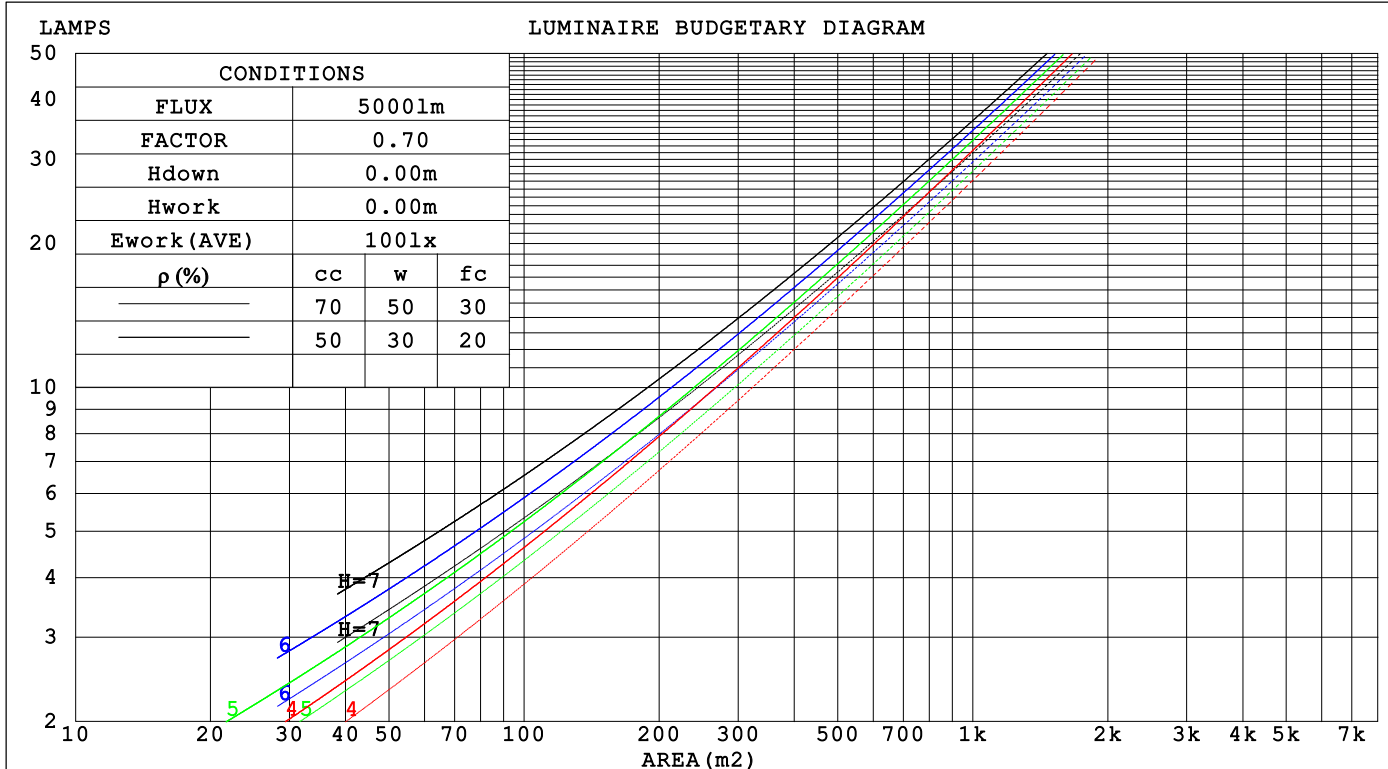
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: EVERFINE			SUR.: 0.335*0.145			Shielding 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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.273	.155	.049	.265	.151	.048	.252	.144	.046	.239	.138	.044	.227	.132	.042		
2.0	.261	.143	.044	.255	.140	.043	.243	.135	.042	.232	.130	.041	.222	.125	.040		
3.0	.245	.131	.039	.240	.128	.039	.229	.124	.038	.219	.120	.037	.210	.116	.036		
4.0	.229	.119	.035	.224	.117	.035	.215	.114	.034	.206	.111	.033	.198	.108	.033		
5.0	.214	.109	.032	.210	.108	.031	.201	.105	.031	.193	.102	.030	.186	.099	.030		
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.182	.094	.028	.175	.092	.027		
7.0	.187	.093	.026	.184	.092	.026	.177	.090	.026	.171	.088	.026	.165	.086	.025		
8.0	.176	.086	.024	.173	.085	.024	.167	.083	.024	.161	.082	.024	.156	.080	.023		
9.0	.166	.080	.022	.163	.079	.022	.158	.078	.022	.152	.076	.022	.148	.075	.022		
10.0	.156	.075	.021	.154	.074	.021	.149	.073	.021	.144	.072	.020	.140	.070	.020		

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.186	.165	.146	.159	.141	.125	.109	.097	.087	.063	.056	.050	.020	.018	.016	
2.0	.177	.140	.110	.151	.121	.095	.104	.084	.066	.060	.049	.039	.019	.016	.013	
3.0	.168	.123	.086	.144	.106	.075	.099	.073	.052	.057	.043	.031	.018	.014	.010	
4.0	.160	.109	.070	.138	.094	.061	.095	.066	.043	.055	.038	.025	.018	.013	.008	
5.0	.153	.098	.058	.131	.085	.051	.091	.059	.036	.052	.035	.021	.017	.011	.007	
6.0	.146	.090	.050	.126	.078	.043	.087	.055	.031	.050	.032	.018	.016	.010	.006	
7.0	.140	.083	.043	.120	.072	.038	.083	.050	.027	.048	.030	.016	.016	.010	.005	
8.0	.134	.077	.038	.115	.067	.034	.080	.047	.024	.046	.028	.014	.015	.009	.005	
9.0	.128	.072	.035	.110	.063	.030	.076	.044	.022	.044	.026	.013	.014	.009	.004	
10.0	.122	.068	.032	.106	.059	.028	.073	.042	.020	.043	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:15550.7x1 lm												
NAME: TS-FL0810-100W-80*110-D-Y-5000K						TYPE:			WEIGHT:			
SPEC.:						DIM.:			SERIAL No.:			
MFR.: EVERFINE						SUR.: 0.335*0.145			Shielding 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		28.5	30.0	28.9	30.4	30.7	23.7	25.2	24.0	25.5	25.8	
		3H	29.8	31.1	30.1	31.5	31.8	24.5	25.9	24.9	26.2	26.6
		4H	30.2	31.4	30.6	31.8	32.2	24.7	26.0	25.1	26.4	26.8
		6H	30.4	31.6	30.9	32.0	32.4	24.8	25.9	25.2	26.3	26.8
		8H	30.5	31.6	30.9	32.0	32.4	24.8	25.9	25.2	26.3	26.7
		12H	30.5	31.6	31.0	32.0	32.4	24.7	25.8	25.2	26.2	26.6
4H		2H	29.0	30.2	29.4	30.6	31.0	25.4	26.6	25.8	27.0	27.4
		3H	30.4	31.5	30.8	31.9	32.3	26.4	27.4	26.8	27.8	28.3
		4H	30.9	31.9	31.4	32.3	32.8	26.6	27.5	27.0	28.0	28.4
		6H	31.3	32.1	31.8	32.6	33.1	26.7	27.5	27.1	27.9	28.4
		8H	31.4	32.2	31.9	32.6	33.1	26.6	27.4	27.1	27.9	28.3
		12H	31.5	32.2	32.0	32.7	33.2	26.6	27.3	27.1	27.8	28.3
8H		4H	31.0	31.8	31.5	32.2	32.7	27.1	27.9	27.6	28.3	28.8
		6H	31.5	32.1	32.0	32.6	33.1	27.2	27.8	27.7	28.4	28.9
		8H	31.6	32.2	32.1	32.7	33.2	27.2	27.7	27.7	28.3	28.8
		12H	31.7	32.2	32.2	32.7	33.3	27.1	27.6	27.7	28.2	28.7
12H		4H	31.0	31.7	31.5	32.2	32.7	27.2	27.8	27.7	28.3	28.8
		6H	31.4	32.0	32.0	32.5	33.1	27.3	27.9	27.8	28.3	28.9
		8H	31.6	32.1	32.1	32.6	33.2	27.3	27.8	27.8	28.3	28.9
CIE190: 2010												

CIE190: 2010
Area: 0.049 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:

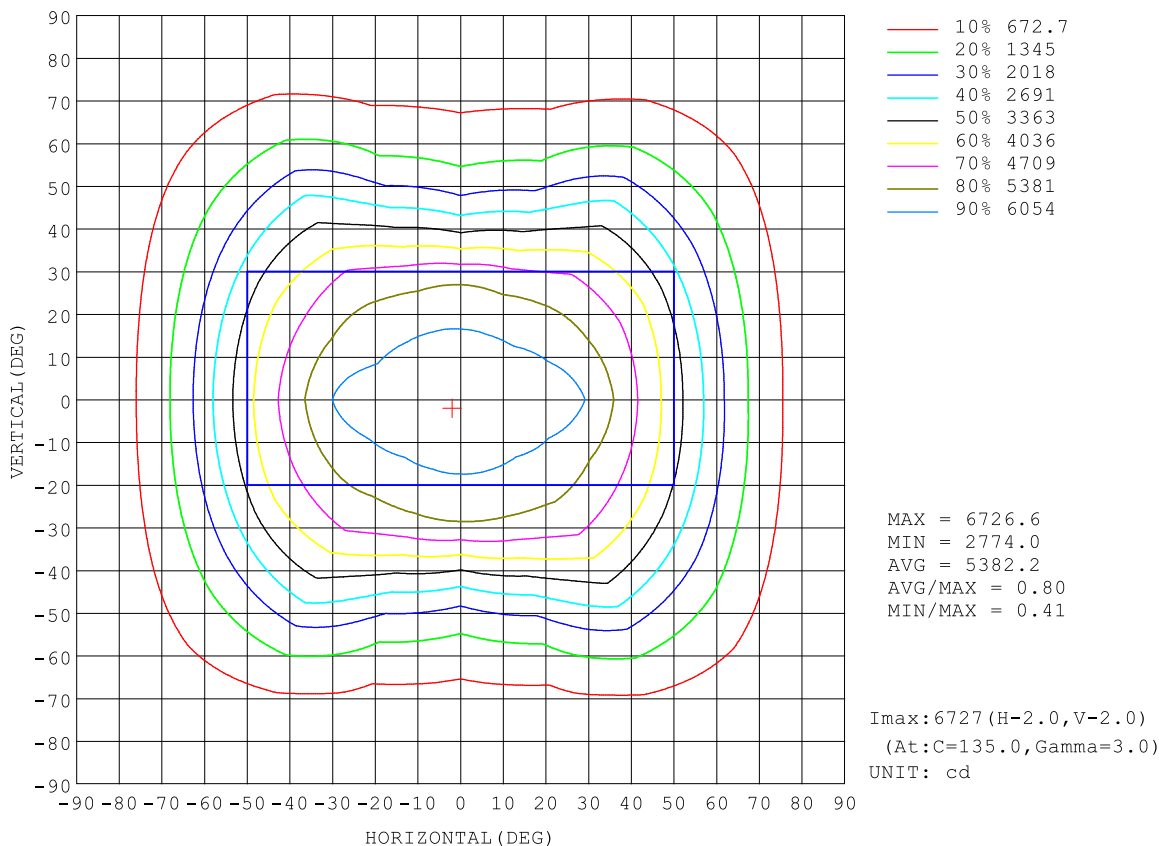
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	62	51	45	61	51	44	60	50	44	38
0.80	72	61	55	71	61	54	69	60	54	47
1.00	80	70	64	79	70	63	77	71	63	56
1.25	87	78	71	86	77	71	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	85	96	89	84	93	87	82	75
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	97	92	98	94	90	82
4.00	108	103	99	105	101	97	101	97	94	86
5.00	110	106	102	107	104	100	103	100	97	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2024-03-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:



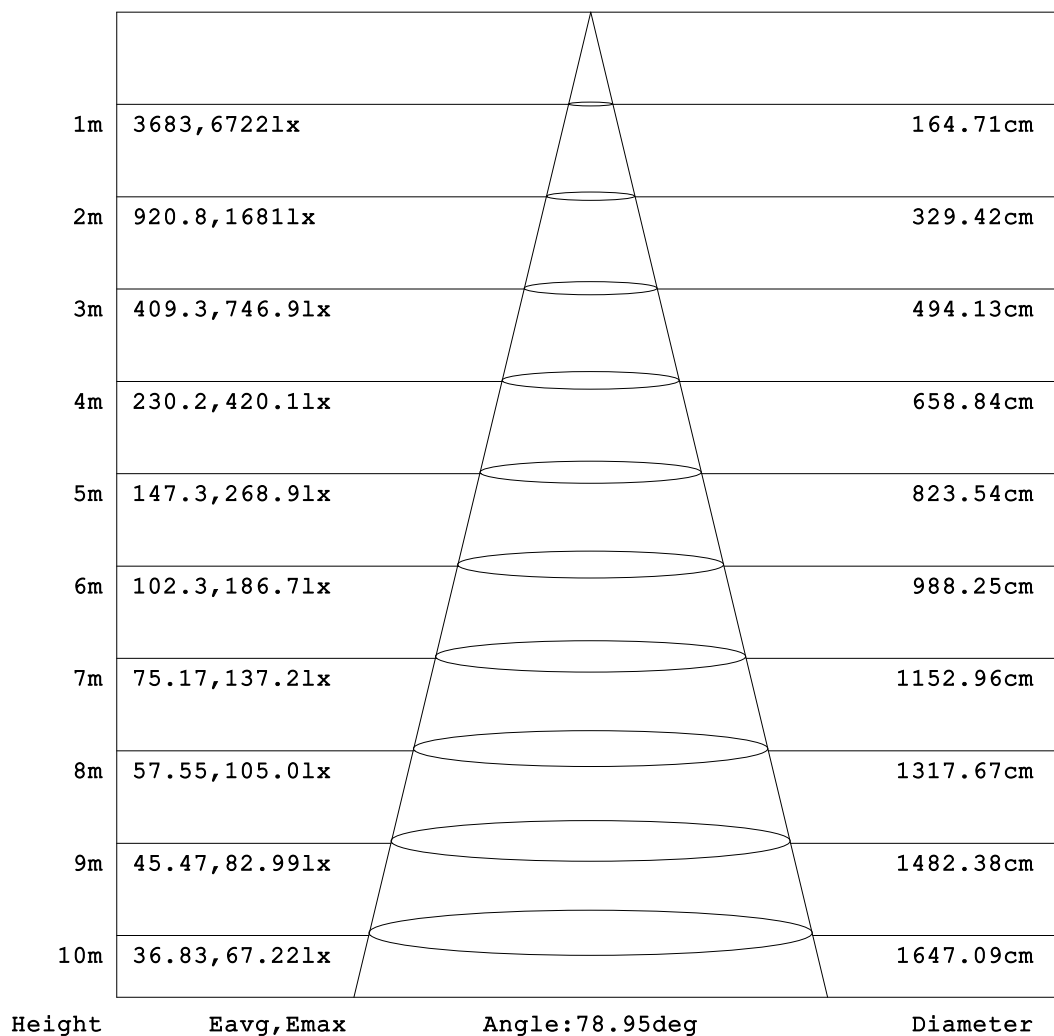
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:

Flux out:8147 lm



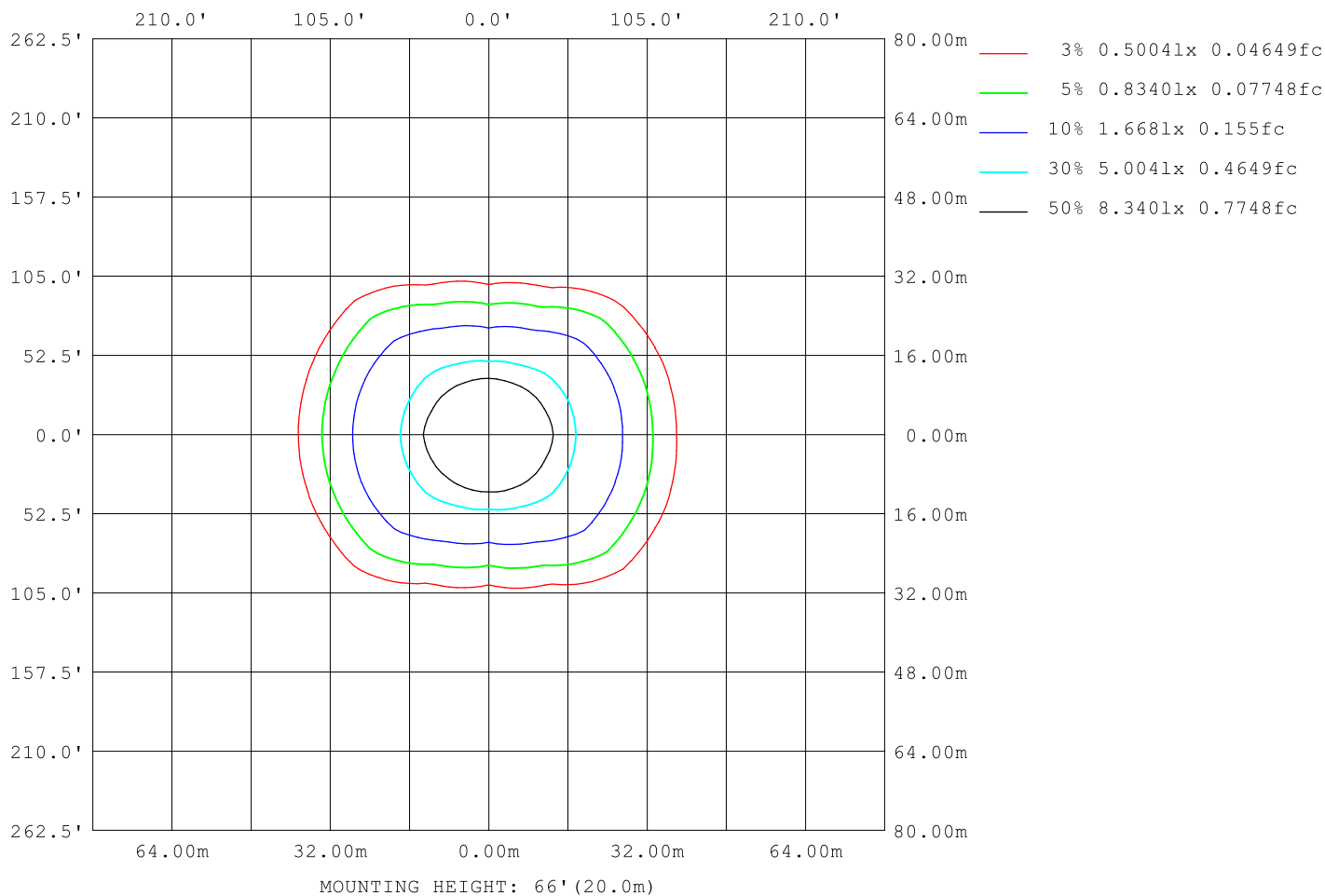
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test: U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-03-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:

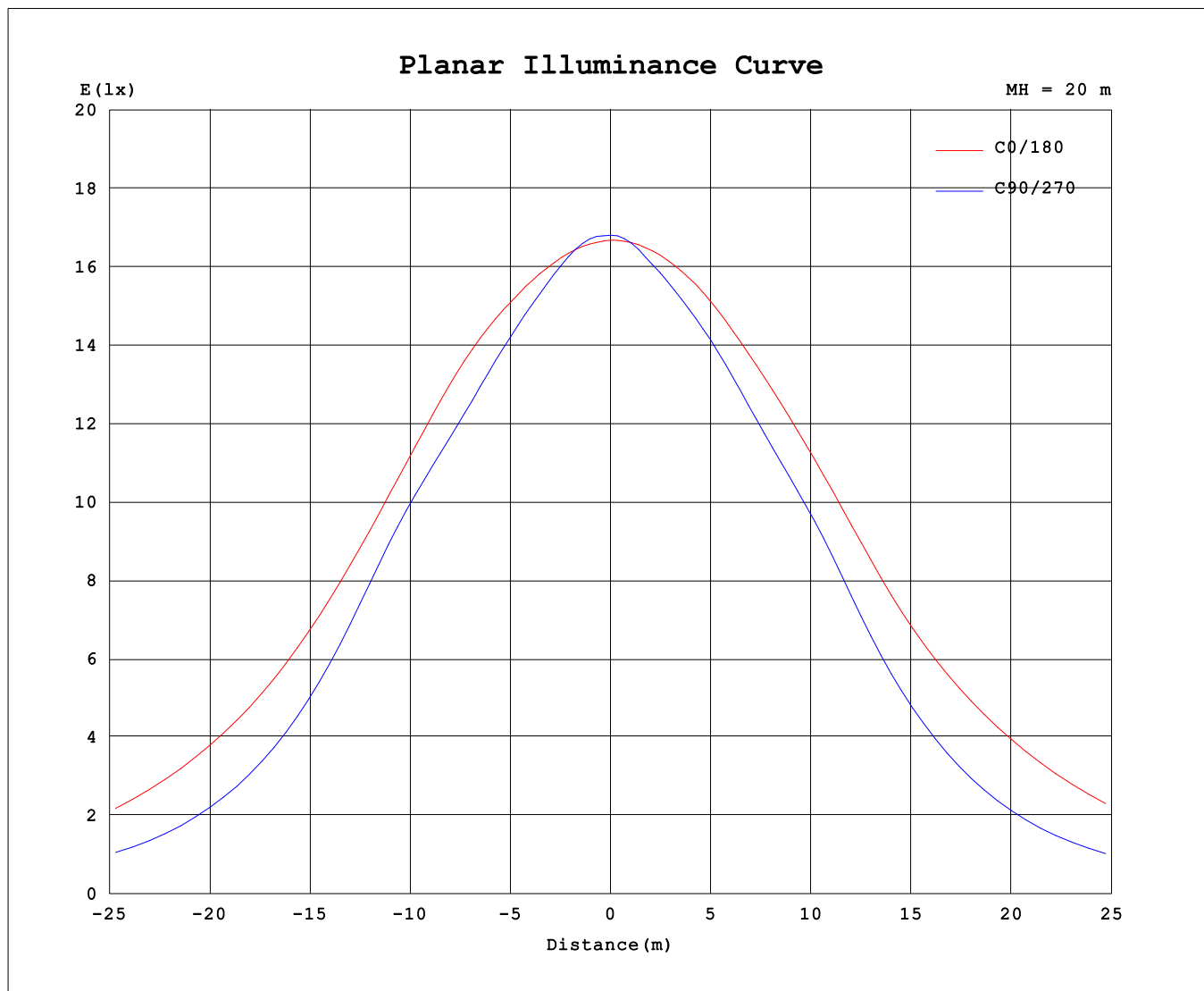
AvgL	cd/m2
L_0~180 (65) av	80572
L_0~180 (75) av	57421
L_0~180 (85) av	42095
L_90~270 (65) av	35040
L_90~270 (75) av	25872
L_90~270 (85) av	11997
L_45 (65) av	79666
L_45 (75) av	55395
L_45 (85) av	27195

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2024-03-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.26V I:0.8587A P:103.14W PF:0.9988 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:15550.7x1 lm		
NAME: TS-FL0810-100W-80*110-D-Y-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.335*0.145	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708			
5	6688	6687	6661	6641	6641	6662	6694	6717	6707	6699	6639	6582	6560	6555	6595	6646			
10	6664	6591	6469	6413	6400	6423	6513	6668	6695	6588	6434	6358	6345	6343	6391	6500			
15	6652	6413	6221	6180	6167	6179	6246	6503	6643	6382	6212	6149	6127	6119	6166	6335			
20	6596	6193	5982	5919	5904	5900	5974	6236	6538	6123	5967	5869	5825	5815	5928	6156			
25	6381	5926	5739	5643	5657	5610	5668	5961	6389	5886	5689	5535	5519	5470	5657	5904			
30	6013	5614	5492	5306	5179	5242	5397	5681	6098	5633	5408	5124	4982	5043	5347	5588			
35	5511	5245	5209	4692	4277	4590	5117	5300	5584	5229	5105	4472	4084	4348	5008	5204			
40	4918	4827	4812	3918	3330	3801	4703	4835	5027	4788	4647	3728	3194	3585	4535	4790			
45	4310	4341	4251	3132	2488	3031	4109	4389	4482	4336	4029	3006	2398	2851	3953	4295			
50	3664	3760	3690	2390	1808	2313	3541	3826	3859	3783	3497	2306	1756	2155	3422	3689			
55	2978	3076	3098	1750	1326	1703	2966	3103	3150	3096	2969	1715	1309	1598	2842	2950			
60	2276	2394	2393	1277	993	1251	2286	2344	2415	2372	2340	1279	996	1197	2165	2258			
65	1619	1776	1710	918	692	901	1634	1705	1718	1734	1704	952	759	895	1551	1674			
70	1094	1242	1162	589	477	580	1114	1188	1157	1205	1189	690	563	650	1085	1173			
75	710	800	665	336	266	332	641	771	747	790	786	468	390	441	719	771			
80	409	438	287	126	89.7	126	282	424	432	467	464	278	237	262	424	454			
85	171	122	33.5	9.37	8.09	9.38	37.1	130	189	214	210	115	94.4	103	184	198			
90	12.9	12.7	11.7	9.47	8.30	9.61	11.5	12.4	16.1	17.2	16.3	14.3	12.6	13.4	15.5	16.2			
95	14.0	13.8	12.5	10.2	9.07	10.5	12.4	13.4	17.1	17.0	16.1	13.7	11.8	12.5	15.0	16.3			
100	15.8	15.3	13.8	11.4	10.4	11.9	13.9	15.0	18.9	18.9	17.8	15.5	13.8	14.2	16.6	18.0			
105	17.9	17.2	15.4	13.1	12.2	13.7	15.7	17.0	21.0	21.1	20.0	17.8	16.2	16.5	18.6	20.0			
110	20.3	19.2	17.3	15.2	14.6	15.9	17.8	19.2	23.4	23.5	22.4	20.3	19.0	19.2	21.0	22.3			
115	22.6	21.5	19.6	17.8	17.3	18.4	20.1	21.6	26.1	26.1	25.1	23.1	22.0	22.2	23.6	24.9			
120	24.9	23.9	22.2	20.8	20.3	21.2	22.7	24.2	28.9	29.0	27.9	26.0	25.0	25.4	26.7	27.8			
125	27.4	26.4	24.9	24.0	23.4	24.1	25.2	26.6	31.8	31.9	30.9	29.1	28.0	28.7	29.8	30.7			
130	30.0	29.1	27.9	27.1	26.5	26.9	27.9	29.1	34.5	34.5	32.9	32.0	31.2	32.0	32.9	33.5			
135	32.7	31.8	30.8	30.1	29.5	29.8	30.9	31.6	37.3	37.0	35.4	35.1	34.1	35.1	35.5	36.3			
140	35.1	34.6	33.8	33.0	32.5	32.7	33.5	34.2	39.5	38.7	37.5	37.0	37.6	37.4	37.9	38.4			
145	38.0	37.6	36.7	35.9	35.5	35.8	36.3	37.1	39.2	40.3	39.2	39.2	40.3	39.2	39.4	40.2			
150	40.9	40.2	39.3	38.2	38.0	38.5	39.1	39.6	44.5	43.0	41.5	41.0	39.8	41.3	41.7	42.4			
155	43.9	43.5	41.9	41.1	40.8	41.4	41.9	43.0	47.1	46.1	45.1	44.1	42.8	44.0	44.8	45.1			
160	47.2	46.0	44.8	43.7	43.7	44.4	45.3	45.8	48.0	48.5	48.3	48.0	45.9	47.3	47.5	48.0			
165	49.8	48.7	47.5	46.6	46.7	47.2	48.4	48.4	51.2	51.0	51.7	51.5	52.7	51.2	50.8	50.8			
170	51.5	50.6	49.6	49.4	49.0	50.0	50.1	51.1	52.6	52.3	52.3	51.8	51.4	51.5	51.8	52.1			
175	52.8	51.9	51.4	51.0	50.8	51.0	52.0	52.1	53.4	52.8	52.6	52.1	52.6	51.8	52.5	52.7			
180	53.5	52.8	52.6	52.8	53.3	53.0	52.6	52.8	53.6	52.8	52.7	52.7	53.5	52.9	52.6	52.8			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	6708	6708	6708	6708	6708	6708	6708	6708	6708	6708
3.0	6696	6698	6697	6696	6699	6713	6721	6716	6711	6714
6.0	6685	6680	6632	6606	6598	6631	6670	6712	6708	6689
9.0	6667	6619	6512	6463	6448	6476	6563	6688	6697	6622
12.0	6657	6527	6365	6325	6309	6326	6408	6612	6683	6516
15.0	6652	6413	6221	6180	6167	6179	6246	6503	6643	6382
18.0	6632	6285	6079	6029	6012	6016	6088	6355	6581	6223
21.0	6568	6145	5936	5863	5851	5844	5913	6183	6511	6073
24.0	6437	5981	5794	5698	5708	5668	5729	6012	6426	5934
27.0	6251	5801	5644	5526	5524	5485	5556	5853	6297	5794
30.0	6013	5614	5492	5306	5179	5242	5397	5681	6098	5633
33.0	5726	5401	5331	4976	4664	4887	5240	5467	5811	5407
36.0	5397	5166	5142	4544	4082	4436	5050	5206	5469	5137
39.0	5043	4916	4908	4073	3510	3960	4801	4926	5135	4870
42.0	4673	4638	4599	3604	2976	3490	4479	4658	4814	4613
45.0	4310	4341	4251	3132	2488	3031	4109	4389	4482	4336
48.0	3929	4009	3914	2679	2058	2590	3760	4072	4122	4021
51.0	3527	3629	3579	2251	1695	2180	3437	3693	3721	3652
54.0	3117	3213	3227	1865	1406	1813	3092	3258	3294	3238
57.0	2697	2801	2824	1540	1179	1503	2704	2789	2858	2803
60.0	2276	2394	2393	1277	992.8	1251	2286	2344	2415	2372
63.0	1871	2013	1967	1056	822.3	1036	1879	1945	1985	1976
66.0	1505	1663	1591	841.7	643.2	823.4	1524	1592	1593	1620
69.0	1187	1342	1260	642.3	517.7	630.8	1209	1282	1257	1302
72.0	926.0	1054	927.7	489.1	377.3	482.4	889.7	1012	976.6	1026
75.0	709.6	800.3	664.8	335.7	265.8	332.4	640.9	770.7	746.8	790.4
78.0	519.2	577.0	423.0	203.9	159.3	203.0	410.5	559.3	547.0	587.3
81.0	356.7	355.7	229.9	88.01	62.12	88.73	225.6	347.8	376.9	411.9
84.0	213.3	175.7	69.96	11.65	8.424	12.75	75.34	180.1	232.0	259.4
87.0	89.07	39.89	11.53	9.313	8.071	9.340	11.36	50.66	108.3	131.3
90.0	12.93	12.72	11.67	9.475	8.296	9.613	11.51	12.37	16.09	17.18
93.0	13.44	13.27	12.08	9.841	8.693	10.08	11.99	12.89	16.55	16.50
96.0	14.32	14.04	12.70	10.40	9.304	10.73	12.68	13.66	17.44	17.35
99.0	15.37	14.96	13.49	11.15	10.11	11.57	13.56	14.64	18.50	18.47
102.0	16.57	16.01	14.40	12.03	11.07	12.54	14.59	15.75	19.71	19.72
105.0	17.92	17.16	15.39	13.10	12.23	13.70	15.71	16.99	21.01	21.05
108.0	19.31	18.37	16.50	14.34	13.64	14.96	16.94	18.31	22.44	22.47
111.0	20.71	19.65	17.73	15.71	15.07	16.36	18.24	19.70	23.99	24.04
114.0	22.13	20.99	19.12	17.27	16.75	17.88	19.66	21.12	25.60	25.61
117.0	23.53	22.43	20.61	19.00	18.51	19.53	21.15	22.63	27.22	27.24
120.0	24.87	23.91	22.17	20.84	20.34	21.23	22.67	24.22	28.92	28.96
123.0	26.37	25.36	23.79	22.73	22.22	22.94	24.20	25.58	30.68	30.73
126.0	27.87	26.91	25.50	24.61	24.07	24.66	25.74	27.06	32.41	32.45
129.0	29.46	28.51	27.29	26.44	25.89	26.37	27.38	28.54	34.03	34.07
132.0	31.06	30.21	29.06	28.26	27.70	28.10	29.10	30.22	35.63	35.59
135.0	32.65	31.82	30.78	30.07	29.49	29.82	30.86	31.65	37.31	37.01
138.0	34.08	33.46	32.61	31.81	31.29	31.61	32.52	33.20	38.78	37.73
141.0	35.60	35.10	34.34	33.59	33.02	33.33	34.02	34.72	39.94	39.28
144.0	37.47	37.04	36.20	35.37	34.93	35.24	35.78	36.55	39.55	40.05
147.0	38.99	38.58	37.72	36.82	36.42	36.83	37.21	37.95	40.50	41.27
150.0	40.85	40.24	39.33	38.24	37.96	38.49	39.12	39.56	44.55	43.03
153.0	42.69	42.19	40.94	39.88	39.64	40.14	40.86	41.49	46.72	45.05
156.0	44.51	44.08	42.46	41.61	41.32	42.02	42.50	43.58	46.32	46.42
159.0	46.46	45.63	44.20	43.26	43.07	43.85	44.44	45.34	47.45	48.15
162.0	48.08	47.04	45.83	44.75	44.75	45.38	46.60	46.61	49.85	50.13
165.0	49.80	48.67	47.45	46.58	46.68	47.20	48.38	48.41	51.16	51.05
168.0	50.93	49.98	48.78	48.46	48.22	49.14	49.40	50.35	52.20	51.84
171.0	51.82	50.88	49.94	49.85	49.34	50.30	50.40	51.45	52.82	52.49
174.0	52.57	51.67	51.11	50.92	50.40	50.95	51.79	52.05	53.33	52.79
177.0	53.11	52.32	51.99	51.69	51.75	52.23	52.49	52.44	53.55	52.80
180.0	53.52	52.85	52.62	52.79	53.34	52.98	52.57	52.79	53.57	52.79

G/C	225.0	247.5	270.0	292.5	315.0	337.5
0.0	6708	6708	6708	6708	6708	6708
3.0	6697	6670	6655	6649	6665	6684
6.0	6602	6537	6511	6511	6555	6625
9.0	6472	6404	6385	6387	6427	6538
12.0	6342	6277	6263	6255	6301	6437
15.0	6212	6149	6127	6119	6166	6335
18.0	6071	5990	5953	5944	6022	6232
21.0	5916	5800	5762	5745	5877	6114
24.0	5750	5602	5582	5542	5712	5962
27.0	5577	5385	5365	5321	5536	5788
30.0	5408	5124	4982	5043	5347	5588

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-03-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Photometric Data Table [cd]

33.0	5232	4757	4455	4651	5147	5362
36.0	5031	4321	3902	4193	4926	5124
39.0	4762	3872	3371	3735	4644	4877
42.0	4407	3438	2865	3288	4303	4603
45.0	4029	3006	2398	2851	3953	4295
48.0	3700	2578	1988	2421	3630	3950
51.0	3394	2174	1652	2029	3315	3544
54.0	3080	1821	1386	1695	2969	3098
57.0	2732	1526	1171	1422	2576	2656
60.0	2340	1279	996.2	1197	2165	2258
63.0	1946	1073	847.3	1008	1778	1897
66.0	1592	896.5	717.8	843.2	1448	1570
69.0	1283	738.4	600.5	696.4	1169	1265
72.0	1017	596.5	492.2	563.0	928.3	999.5
75.0	785.9	467.8	390.4	441.2	718.5	771.0
78.0	585.6	350.1	296.7	330.2	535.4	573.1
81.0	408.4	243.7	207.9	229.1	373.2	398.9
84.0	255.1	146.7	123.0	133.5	228.3	244.9
87.0	118.4	58.27	45.32	49.38	97.31	113.3
90.0	16.33	14.35	12.62	13.37	15.45	16.17
93.0	15.87	13.86	12.10	12.69	14.79	15.75
96.0	16.34	13.97	12.11	12.74	15.22	16.61
99.0	17.41	15.07	13.32	13.80	16.21	17.62
102.0	18.63	16.37	14.66	15.04	17.34	18.79
105.0	19.99	17.79	16.23	16.49	18.61	20.03
108.0	21.44	19.30	17.90	18.05	19.97	21.37
111.0	22.99	20.91	19.64	19.78	21.47	22.82
114.0	24.59	22.56	21.41	21.56	23.07	24.38
117.0	26.23	24.25	23.26	23.41	24.80	26.03
120.0	27.93	26.03	25.02	25.41	26.67	27.76
123.0	29.72	27.85	26.83	27.41	28.54	29.51
126.0	31.38	29.73	28.65	29.35	30.46	31.28
129.0	32.43	31.44	30.59	31.33	32.34	32.95
132.0	34.01	33.16	32.52	33.19	33.89	34.64
135.0	35.44	35.09	34.10	35.09	35.52	36.30
138.0	36.87	36.35	36.29	36.62	37.09	37.73
141.0	37.77	37.31	38.06	37.72	38.31	38.83
144.0	38.81	38.77	39.83	38.77	39.25	39.71
147.0	40.12	39.56	40.29	40.20	40.50	41.30
150.0	41.48	40.96	39.83	41.30	41.70	42.44
153.0	43.46	42.61	41.42	42.96	43.32	44.17
156.0	45.94	45.01	43.64	44.84	45.64	45.45
159.0	48.12	47.40	47.34	46.63	47.45	47.56
162.0	50.22	49.70	49.56	49.10	49.37	49.68
165.0	51.74	51.47	52.73	51.18	50.81	50.77
168.0	52.12	51.60	51.18	51.43	51.40	51.68
171.0	52.41	51.85	51.65	51.54	51.91	52.25
174.0	52.60	52.04	52.17	51.69	52.33	52.67
177.0	52.58	52.48	53.30	52.65	52.46	52.80
180.0	52.67	52.69	53.48	52.88	52.63	52.76

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-03-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks: