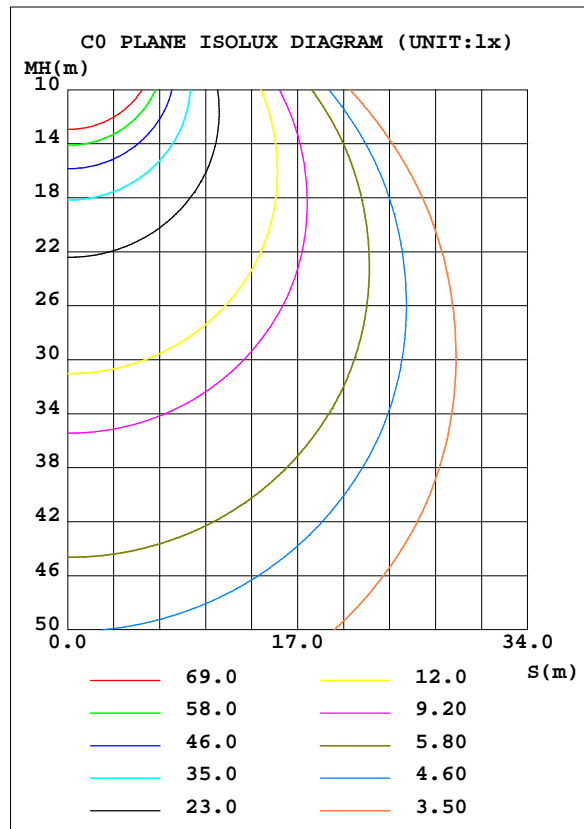
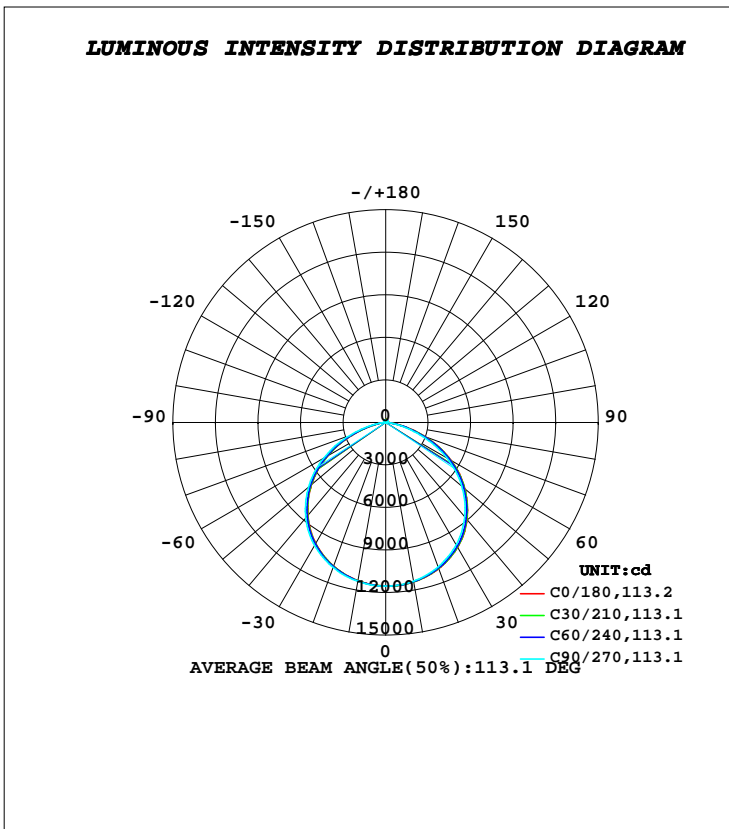


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 165.02 lm/W			
MODEL		I _{max} (cd)	11552	S/MH(C0/180)	1.27
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	32756	η UP, DN(C0-180)	0.8,49.2
NOMINAL FLUX(lm)	32755.6	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8,49.3
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	98.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:JY
Test Date:26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:40.4%
Test Distance:26.000m [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	1142	1140	1136	1134	1133	1135	1138	1142	0- 10	1094	1094	3.34,3.34
20	1096	1092	1084	1078	1078	1081	1088	1096	10- 20	3153	4247	13,13
30	1016	1009	996.7	988.2	987.5	992.3	1003	1014	20- 30	4832	9079	27.7,27.7
40	892.5	883.7	867.2	854.5	854.4	861.9	877.3	892.1	30- 40	5895	14974	45.7,45.7
50	729.2	720.3	702.3	683.4	684.3	693.2	710.9	729.5	40- 50	6119	21092	64.4,64.4
60	530.6	518.5	495.3	472.9	472.2	483.7	506.7	530.9	50- 60	5437	26529	81,81
70	297.6	282.9	258.1	237.9	234.6	246.6	271.2	298.0	60- 70	3815	30344	92.6,92.6
80	86.12	76.59	63.10	50.38	49.14	55.28	67.09	83.54	70- 80	1668	32012	97.7,97.7
90	3.331	2.548	1.691	1.533	1.534	1.449	2.022	3.029	80- 90	237.2	32249	98.5,98.5
100	1.947	2.043	2.559	2.833	2.864	2.816	2.256	2.070	90-100	17.19	32266	98.5,98.5
110	3.982	4.848	5.979	5.216	5.241	6.413	5.590	4.463	100-110	38.53	32305	98.6,98.6
120	5.749	5.565	9.365	7.578	7.889	7.403	8.365	5.811	110-120	62.45	32367	98.8,98.8
130	7.445	10.65	12.35	12.24	8.890	12.89	11.99	10.17	120-130	80.68	32448	99.1,99.1
140	11.95	14.38	14.91	14.97	13.82	14.65	15.11	12.28	130-140	95.04	32543	99.4,99.4
150	11.37	16.63	16.69	13.45	12.33	16.90	17.29	12.54	140-150	91.13	32634	99.6,99.6
160	11.59	18.43	15.66	11.64	12.29	13.82	17.99	12.65	150-160	66.96	32701	99.8,99.8
170	12.07	19.39	12.89	12.15	12.56	12.21	18.75	13.14	160-170	40.65	32742	100,100
180	20.46	17.08	13.57	20.39	20.46	17.07	13.57	20.39	170-180	14.07	32756	100,100
DEG	LUMINOUS INTENSITY: $\times 10cd$									UNIT: lm		

Conical surface Flux(90deg): 18060 lm

%lum = 55.1%

%lamp = 55.1%

Conical surface Flux(120deg): 26529 lm

%lum = 81.0%

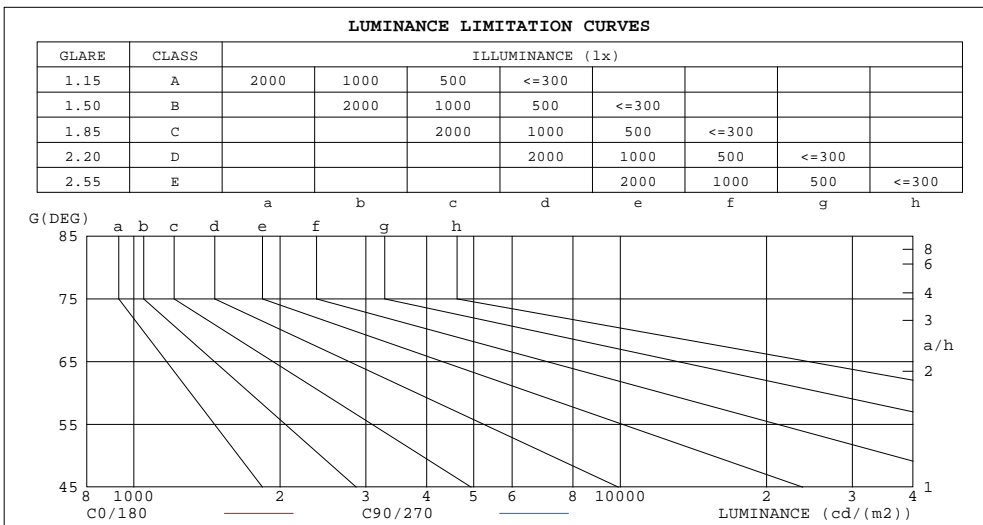
%lamp = 81.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:JY
Test Date:26 September 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:40.4%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	159826	78051
80	275539	201886
75	390039	321048
70	483463	419163
65	551239	498454
60	589605	550286
55	616471	585937
50	630236	607016
45	639679	620088

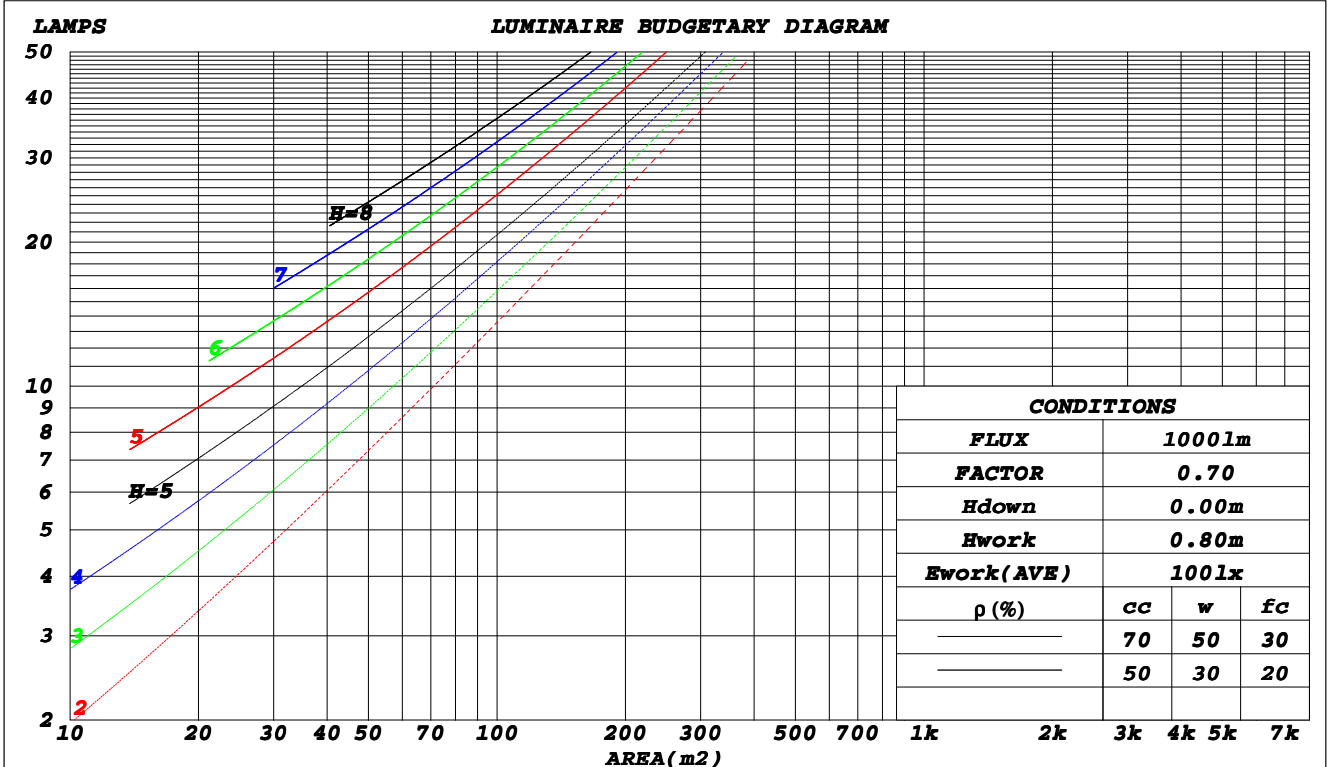
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	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															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.76	.82	.78	.75	.79	.76	.73	.70
3.0	.81	.73	.66	.79	.72	.66	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60
4.0	.71	.63	.56	.70	.62	.56	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5.0	.64	.55	.48	.63	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.54	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.37	.48	.41	.36	.46	.41	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.44	.35	.30	.43	.35	.30	.42	.34	.30	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.36	.31	.26	.25



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	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	.288	.164	.052	.280	.160	.051	.266	.153	.049	.253	.146	.047	.241	.140	.045	
2.0	.277	.152	.047	.270	.149	.046	.258	.143	.045	.247	.138	.043	.236	.134	.042	
3.0	.260	.138	.041	.254	.136	.041	.243	.132	.040	.233	.127	.039	.223	.124	.038	
4.0	.242	.126	.037	.236	.124	.037	.227	.120	.036	.218	.117	.035	.209	.114	.035	
5.0	.225	.115	.033	.220	.113	.033	.211	.110	.032	.203	.107	.032	.196	.105	.031	
6.0	.209	.105	.030	.205	.104	.030	.197	.101	.029	.190	.099	.029	.183	.096	.029	
7.0	.195	.097	.027	.192	.096	.027	.185	.093	.027	.178	.091	.027	.172	.089	.026	
8.0	.183	.089	.025	.180	.088	.025	.173	.087	.025	.167	.085	.024	.162	.083	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.162	.078	.022	.159	.077	.021	.154	.075	.021	.149	.074	.021	.144	.073	.021	

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.191	.168	.148	.163	.144	.127	.112	.099	.088	.064	.057	.051	.021	.019	.017	
2.0	.182	.144	.112	.156	.124	.097	.107	.086	.067	.062	.050	.040	.020	.016	.013	
3.0	.175	.126	.088	.150	.109	.076	.103	.076	.053	.059	.044	.031	.019	.014	.010	
4.0	.167	.113	.072	.143	.098	.062	.099	.068	.044	.057	.040	.026	.018	.013	.009	
5.0	.160	.102	.060	.137	.089	.052	.095	.062	.037	.055	.036	.022	.018	.012	.007	
6.0	.153	.094	.052	.131	.082	.045	.091	.057	.032	.053	.034	.019	.017	.011	.006	
7.0	.146	.087	.046	.126	.076	.040	.087	.053	.028	.051	.031	.017	.016	.010	.006	
8.0	.140	.081	.041	.121	.071	.036	.083	.050	.026	.049	.029	.015	.016	.010	.005	
9.0	.134	.077	.038	.116	.066	.033	.080	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.129	.072	.035	.111	.063	.030	.077	.044	.022	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:JY
Test Date:26 September 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:40.4%
Test Distance:26.000m [K=1.0000]
Remarks:



UGR(Unified Glare Rating) Table

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ETA					SUR.:			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	35.3	36.8	35.6	37.0	37.2	35.1	36.5	35.4	36.8	37.0
3H	36.6	38.0	36.9	38.2	38.5	36.2	37.6	36.5	37.8	38.1
4H	37.0	38.3	37.3	38.6	38.8	36.5	37.8	36.9	38.1	38.4
6H	37.2	38.4	37.5	38.7	39.0	36.6	37.8	37.0	38.1	38.4
8H	37.2	38.4	37.6	38.7	39.0	36.6	37.8	37.0	38.1	38.4
12H	37.2	38.3	37.5	38.6	38.9	36.6	37.7	36.9	38.0	38.3
4H 2H	35.8	37.1	36.2	37.4	37.7	35.6	36.9	36.0	37.2	37.5
3H	37.3	38.4	37.6	38.7	39.0	36.9	38.1	37.3	38.4	38.7
4H	37.8	38.8	38.2	39.1	39.5	37.3	38.4	37.7	38.7	39.1
6H	38.0	38.9	38.4	39.3	39.7	37.5	38.4	37.9	38.8	39.2
8H	38.1	38.9	38.5	39.3	39.7	37.5	38.3	37.9	38.7	39.1
12H	38.0	38.8	38.5	39.2	39.7	37.5	38.2	37.9	38.7	39.1
8H 4H	37.9	38.7	38.3	39.1	39.5	37.5	38.3	37.9	38.7	39.1
6H	38.2	38.9	38.7	39.3	39.8	37.7	38.4	38.2	38.8	39.3
8H	38.3	38.9	38.8	39.3	39.8	37.8	38.4	38.2	38.8	39.3
12H	38.3	38.8	38.8	39.3	39.8	37.7	38.3	38.2	38.7	39.2
12H 4H	37.8	38.6	38.3	39.0	39.5	37.5	38.2	37.9	38.6	39.1
6H	38.2	38.8	38.7	39.3	39.7	37.7	38.3	38.2	38.8	39.3
8H	38.3	38.8	38.8	39.3	39.8	37.8	38.3	38.3	38.8	39.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.5				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 32756 lm Total Lamp Luminous Flux.(8log(F/F0) = 12.1)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:JY
Test Date:26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:40.4%
Test Distance:26.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:

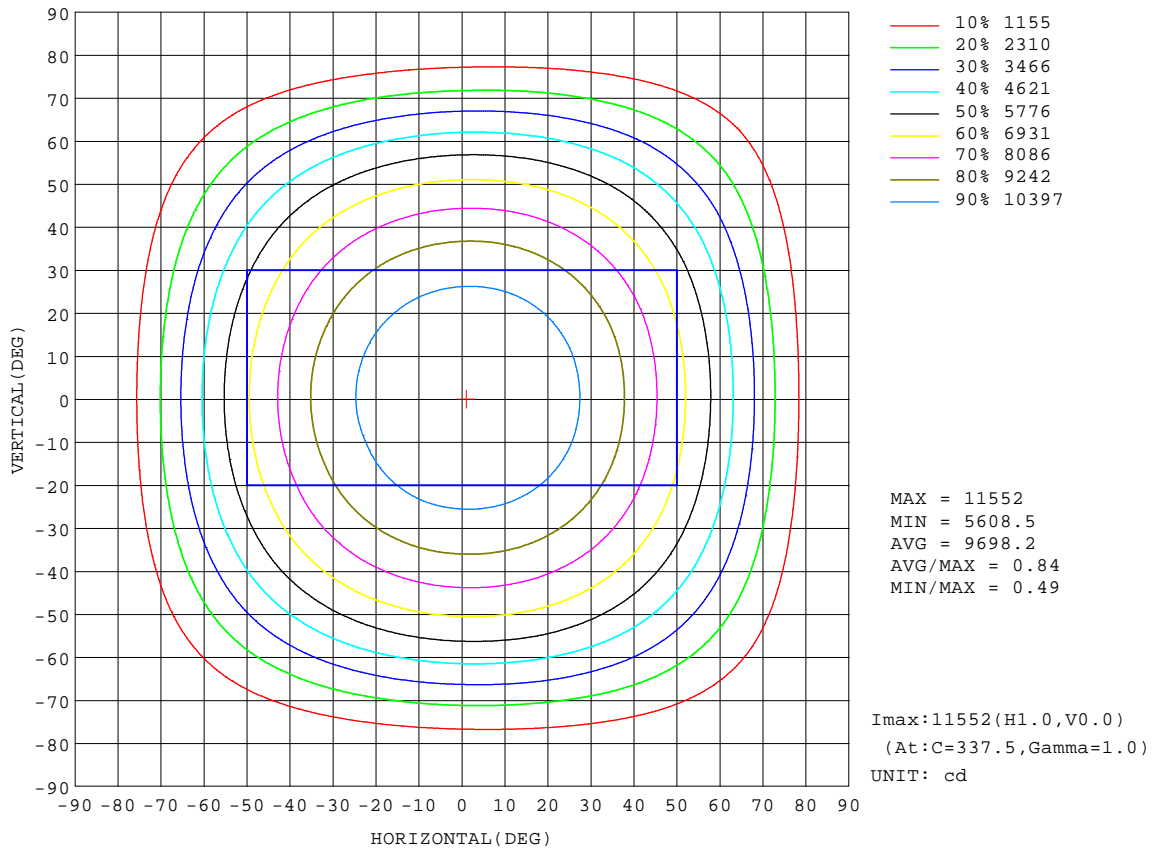
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	40	57	46	39	56	46	39	33
0.80	68	57	50	67	56	49	65	55	49	42
1.00	77	66	59	76	65	59	73	66	58	51
1.25	84	74	67	82	73	66	80	71	66	58
1.50	89	79	73	87	78	72	84	77	71	63
2.00	96	88	81	94	86	81	90	84	79	71
2.50	100	92	86	97	91	85	93	88	83	75
3.00	103	96	91	101	95	90	96	92	88	79
4.00	107	101	97	104	100	96	100	96	93	83
5.00	109	105	101	107	102	99	102	99	96	86
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: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:



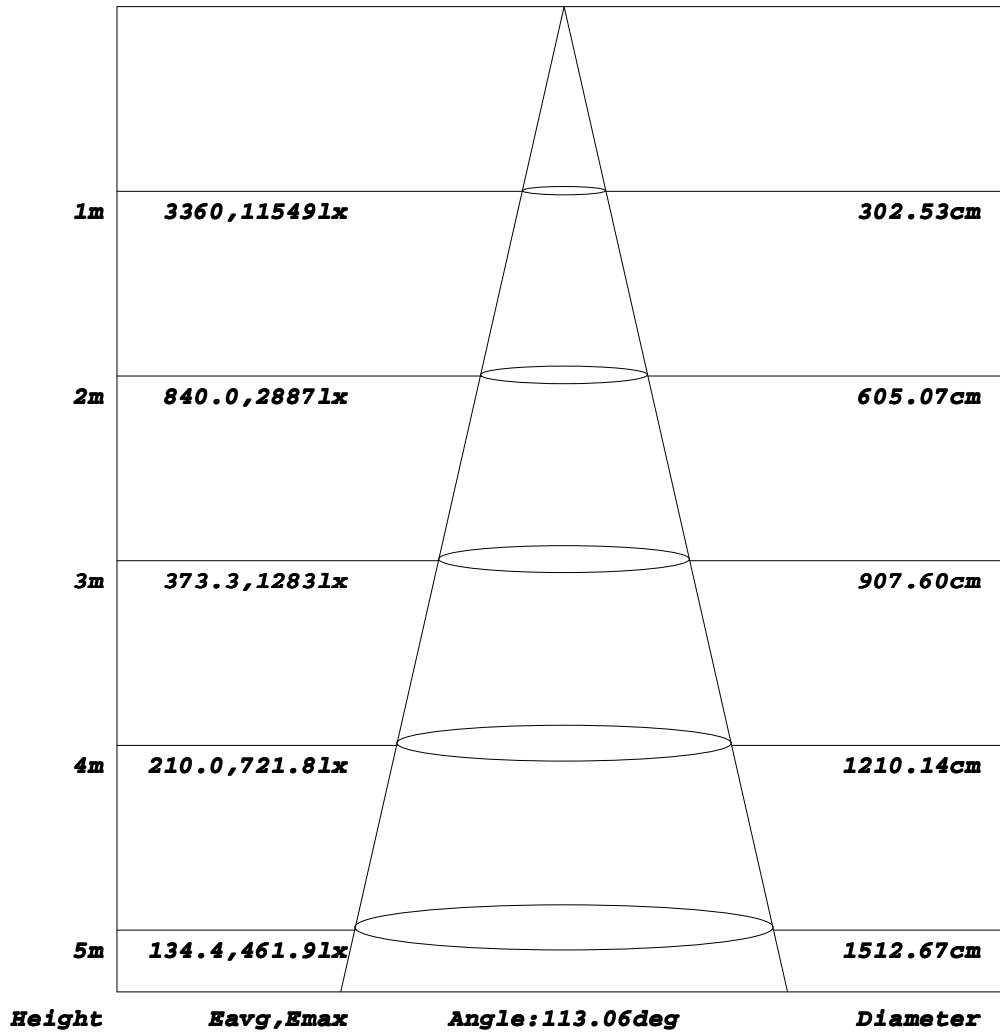
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:JY
Test Date:26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:40.4%
Test Distance:26.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:

Flux out:25030 lm



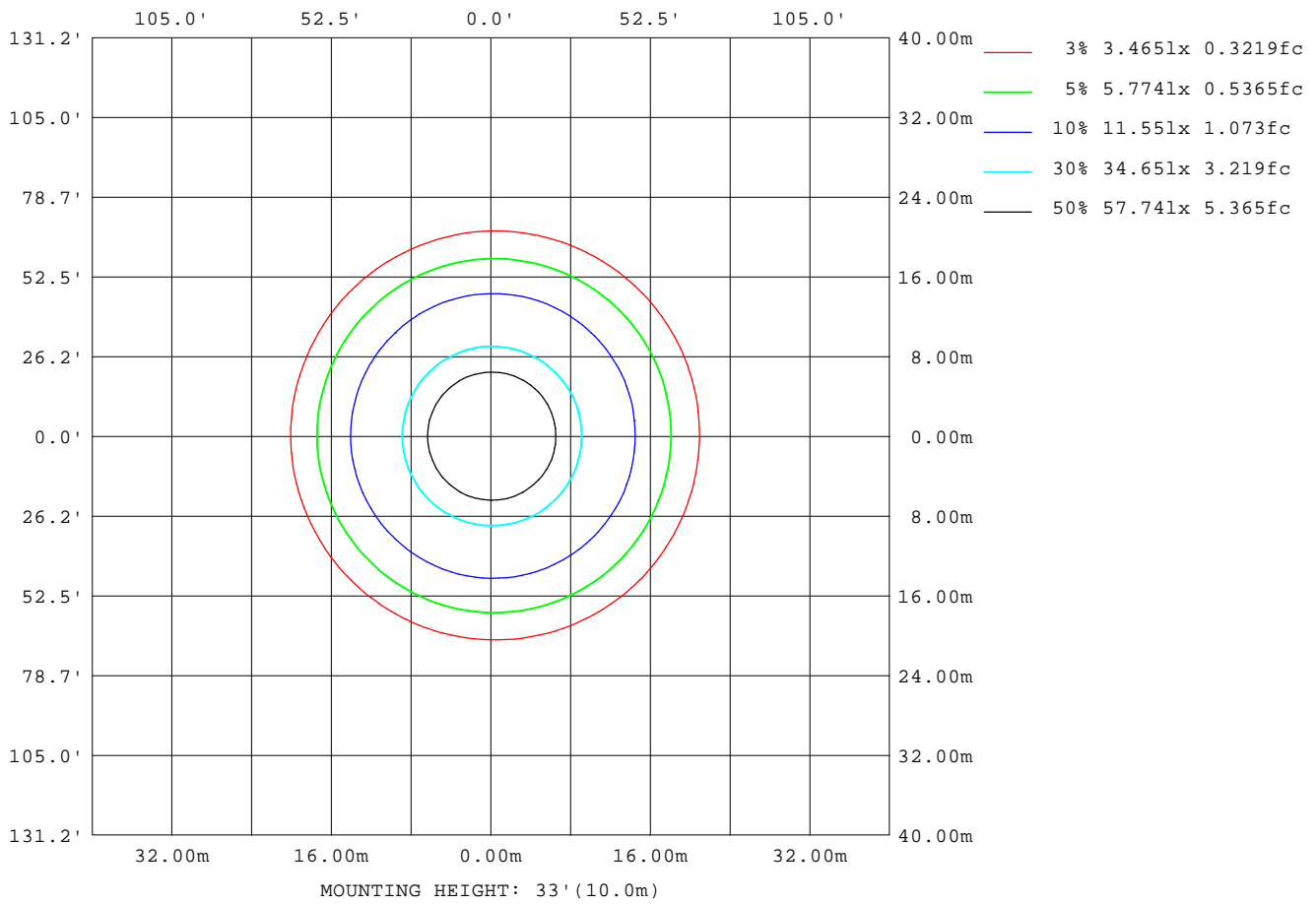
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:

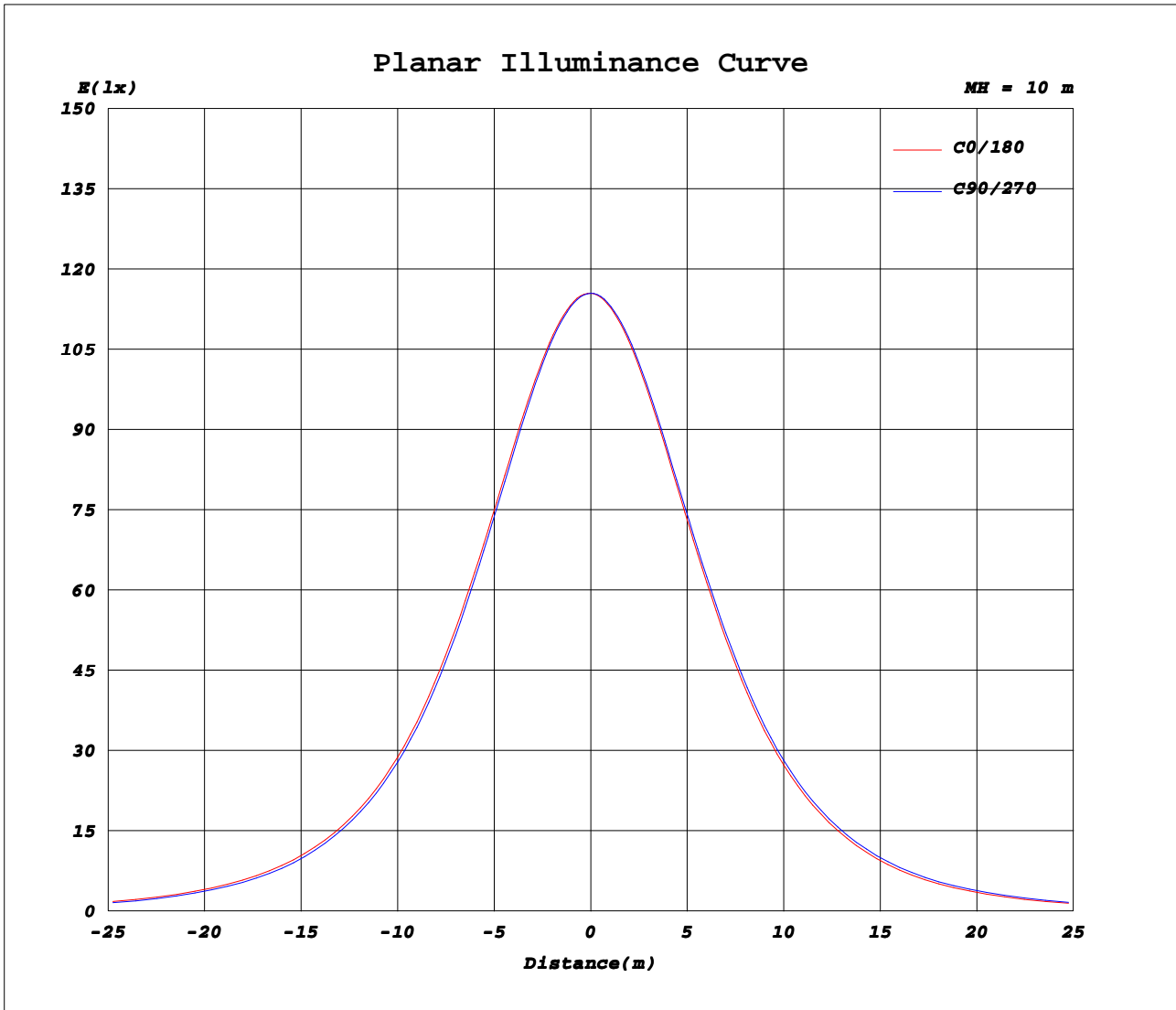
AvgL	cd/m2
L_0~180(65)av	509443
L_0~180(75)av	331377
L_0~180(85)av	104425
L_90~270(65)av	507864
L_90~270(75)av	331272
L_90~270(85)av	90072
L_45(65)av	509531
L_45(75)av	331278
L_45(85)av	98176

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:1.655A P:198.5W PF:0.9982 Lamp Flux:32755.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

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	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155			
5	1153	1152	1152	1151	1150	1149	1148	1148	1148	1148	1149	1150	1151	1152	1152	1153			
10	1142	1141	1140	1138	1136	1135	1134	1133	1133	1134	1135	1137	1138	1141	1142	1143			
15	1123	1123	1120	1118	1115	1112	1110	1109	1110	1111	1112	1115	1118	1121	1123	1125			
20	1096	1095	1092	1088	1084	1081	1078	1076	1078	1079	1081	1085	1088	1093	1096	1097			
25	1060	1059	1055	1050	1044	1041	1038	1035	1037	1039	1041	1045	1050	1055	1060	1062			
30	1016	1014	1009	1003	997	993	988	985	987	989	992	998	1003	1010	1014	1017			
35	960	959	953	945	937	933	927	924	927	929	933	940	946	954	959	963			
40	893	890	884	876	867	861	854	851	854	856	862	869	877	886	892	896			
45	814	812	806	798	789	781	773	769	774	775	781	789	798	807	814	819			
50	729	727	720	713	702	692	683	679	684	686	693	701	711	722	729	735			
55	636	633	626	618	605	594	584	580	585	587	594	604	615	627	636	641			
60	531	526	518	508	495	483	473	469	472	475	484	495	507	520	531	537			
65	419	413	406	394	379	368	358	353	356	359	369	380	393	407	418	424			
70	298	291	283	271	258	247	238	234	235	237	247	258	271	286	298	304			
75	182	177	169	159	150	138	131	127	127	130	137	147	159	171	181	187			
80	86.1	81.9	76.6	69.0	63.1	56.6	50.4	47.6	49.1	50.3	55.3	59.7	67.1	76.6	83.5	88.2			
85	25.1	23.1	20.1	15.7	12.2	9.91	9.39	7.51	7.69	8.55	9.28	11.4	16.0	18.8	22.9	25.4			
90	3.33	3.01	2.55	2.05	1.69	1.56	1.53	1.56	1.53	1.46	1.45	1.64	2.02	2.52	3.03	3.40			
95	1.07	0.97	0.89	0.95	1.16	1.44	1.68	1.81	1.79	1.60	1.35	1.12	1.00	1.00	1.09	1.13			
100	1.95	1.94	2.04	2.27	2.56	2.79	2.83	2.81	2.86	2.92	2.82	2.53	2.26	2.14	2.07	2.04			
105	2.96	3.09	3.44	2.78	4.23	3.40	4.13	3.85	4.05	4.30	4.55	2.95	3.86	2.90	3.28	3.03			
110	3.98	4.17	4.85	4.51	5.98	5.75	5.22	4.87	5.24	6.07	6.41	5.39	5.59	4.40	4.46	4.04			
115	4.87	5.29	5.90	6.56	7.71	7.98	5.60	5.86	6.55	7.66	5.76	7.52	6.66	6.40	5.32	5.02			
120	5.75	6.37	5.56	8.79	9.36	9.73	7.58	6.78	7.89	7.94	7.40	9.44	8.36	8.35	5.81	6.00			
125	6.63	6.69	7.60	10.4	10.9	11.3	10.4	7.61	8.15	7.80	10.9	11.1	9.39	9.70	7.90	6.88			
130	7.44	7.33	10.6	12.1	12.3	12.9	12.2	9.01	8.89	10.3	12.9	12.7	12.0	11.2	10.2	7.85			
135	8.28	9.40	13.1	13.5	13.7	14.2	13.8	11.8	12.0	13.8	13.4	14.2	13.7	10.9	11.5	9.53			
140	11.9	13.1	14.4	14.7	14.9	15.0	15.0	13.9	13.8	15.5	14.7	15.5	15.1	12.6	12.3	11.0			
145	11.1	14.8	15.5	15.9	16.0	15.8	14.5	11.9	14.1	16.9	15.7	16.2	16.3	14.6	12.9	10.5			
150	11.4	15.3	16.6	16.9	16.7	16.1	13.5	11.0	12.3	15.7	16.9	17.2	17.3	16.1	12.5	10.5			
155	11.0	14.9	17.5	17.7	16.8	14.1	11.3	11.5	11.9	13.0	15.8	17.9	17.6	15.9	12.0	11.0			
160	11.6	15.7	18.4	18.6	15.7	12.1	11.6	12.0	12.3	12.0	13.8	18.0	18.0	16.7	12.7	11.5			
165	11.9	16.1	19.0	18.5	14.3	11.3	11.8	12.2	12.5	12.2	12.6	16.4	18.6	17.2	13.1	11.9			
170	12.1	16.0	19.4	17.9	12.9	11.7	12.1	12.5	12.6	12.3	12.2	15.3	18.8	16.7	13.1	12.2			
175	14.7	15.4	17.1	14.8	11.6	13.4	17.3	20.2	20.0	15.7	12.3	13.3	14.8	15.2	16.0	18.2			
180	20.5	20.5	17.1	10.9	13.6	18.5	20.4	20.5	20.5	20.5	17.1	10.9	13.6	18.5	20.4	20.5			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [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	11549	11549	11549	11549	11549	11549	11549	11549	11549	11549
3.0	11546	11544	11541	11536	11530	11524	11519	11517	11518	11519
6.0	11510	11508	11500	11490	11479	11467	11460	11454	11455	11459
9.0	11446	11441	11428	11416	11396	11382	11372	11363	11367	11373
12.0	11354	11347	11329	11313	11286	11266	11255	11242	11249	11256
15.0	11234	11226	11202	11178	11147	11122	11101	11085	11099	11107
18.0	11082	11072	11042	11007	10973	10949	10917	10903	10915	10926
21.0	10899	10888	10854	10809	10765	10741	10702	10681	10701	10711
24.0	10683	10669	10631	10581	10527	10500	10461	10430	10456	10472
27.0	10433	10424	10378	10320	10262	10232	10187	10156	10181	10200
30.0	10158	10141	10091	10028	9967	9930	9882	9847	9875	9891
33.0	9848	9824	9767	9697	9625	9580	9535	9501	9523	9544
36.0	9480	9462	9396	9321	9242	9190	9138	9102	9127	9148
39.0	9072	9053	8982	8906	8822	8761	8701	8664	8692	8713
42.0	8622	8600	8532	8457	8368	8294	8226	8189	8225	8245
45.0	8142	8119	8057	7984	7892	7808	7734	7689	7737	7754
48.0	7642	7620	7555	7485	7379	7287	7206	7166	7206	7228
51.0	7121	7095	7025	6949	6839	6740	6648	6614	6646	6671
54.0	6564	6538	6460	6379	6258	6149	6057	6020	6050	6076
57.0	5960	5918	5845	5759	5614	5501	5404	5370	5394	5422
60.0	5306	5256	5185	5081	4953	4828	4729	4687	4722	4747
63.0	4645	4588	4517	4409	4274	4154	4055	4005	4042	4066
66.0	3960	3900	3823	3700	3546	3433	3342	3292	3316	3354
69.0	3236	3163	3080	2951	2812	2707	2615	2570	2584	2615
72.0	2501	2444	2361	2239	2126	2011	1925	1883	1883	1914
75.0	1817	1767	1692	1589	1496	1382	1308	1271	1271	1298
78.0	1226	1172	1101	1014	924.3	839.2	772.3	731.2	746.8	769.6
81.0	700.5	664.2	626.3	565.5	499.1	443.7	383.6	363.8	364.3	374.6
84.0	324.3	304.5	272.8	234.5	188.4	144.4	122.6	126.0	126.0	136.8
87.0	105.0	94.81	77.52	59.17	45.59	37.61	34.19	33.01	32.64	34.06
90.0	33.31	30.14	25.48	20.47	16.91	15.64	15.33	15.59	15.34	14.56
93.0	13.77	11.41	8.444	6.764	7.703	10.35	12.94	14.35	14.04	11.95
96.0	12.26	11.36	10.85	11.72	13.99	16.83	19.00	20.12	19.94	18.42
99.0	17.58	17.19	17.91	19.75	22.44	25.20	25.95	26.22	26.27	26.31
102.0	23.26	23.92	25.97	28.74	32.07	29.91	33.48	32.31	33.20	34.79
105.0	29.62	30.86	34.40	27.85	42.34	34.01	41.32	38.47	40.50	43.04
108.0	35.83	37.60	42.34	33.90	52.79	48.40	49.84	44.52	48.71	54.19
111.0	41.95	43.90	52.59	49.95	63.32	61.47	54.66	50.72	54.45	64.03
114.0	47.15	50.38	59.25	61.54	73.75	75.36	56.54	56.58	62.97	73.45
117.0	52.01	58.39	57.18	75.26	83.89	87.75	59.04	62.52	70.43	80.54
120.0	57.49	63.71	55.65	87.88	93.65	97.33	75.78	67.76	78.89	79.38
123.0	62.80	64.97	64.99	97.82	102.8	107.2	91.39	72.63	82.57	75.76
126.0	68.05	68.13	82.09	106.7	112.1	116.4	107.8	78.88	82.45	82.92
129.0	72.98	71.38	99.02	117.6	120.7	125.6	118.5	86.82	87.32	100.3
132.0	77.58	76.76	121.0	126.6	128.9	134.6	130.2	106.1	92.67	118.3
135.0	82.83	94.04	131.2	134.8	136.8	142.0	138.5	118.4	119.5	137.5
138.0	107.5	119.1	138.6	142.5	144.3	147.3	145.5	132.4	139.4	148.8
141.0	122.8	134.7	146.2	149.8	151.4	151.2	151.3	138.1	136.0	157.7
144.0	111.5	144.7	153.2	156.5	157.9	156.4	148.5	118.8	138.7	165.6
147.0	115.7	153.8	159.8	162.7	163.4	161.1	143.0	117.5	138.9	171.8
150.0	113.7	152.6	166.3	168.6	166.9	160.7	134.5	110.2	123.3	156.7
153.0	108.7	147.6	172.3	173.7	168.7	151.2	117.7	113.2	117.9	140.2
156.0	111.3	150.5	177.2	178.4	168.3	136.5	112.9	116.3	120.1	126.0
159.0	115.0	155.3	182.7	184.2	160.2	124.0	116.0	119.6	122.2	120.8
162.0	117.3	158.7	187.0	188.1	150.2	114.6	116.8	120.9	124.0	120.9
165.0	118.8	161.2	190.5	184.9	143.0	113.5	118.2	122.3	124.7	121.6
168.0	119.1	159.2	191.5	181.7	135.3	115.1	119.9	123.5	124.7	121.9
171.0	121.0	155.1	193.1	176.1	124.6	117.7	121.8	124.9	125.4	123.2
174.0	121.3	142.0	171.9	160.3	116.9	120.5	130.9	154.1	158.8	126.9
177.0	202.3	203.7	171.0	129.2	116.7	164.6	204.8	208.5	207.4	192.1
180.0	204.6	204.5	170.8	109.1	135.7	184.9	203.9	204.7	204.6	204.7
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	11549	11549	11549	11549	11549	11549				
3.0	11523	11529	11535	11541	11544	11548				
6.0	11467	11480	11488	11501	11510	11516				
9.0	11382	11399	11413	11435	11448	11456				
12.0	11268	11291	11311	11339	11357	11367				
15.0	11124	11152	11176	11210	11232	11246				
18.0	10947	10979	11010	11049	11077	11091				
21.0	10738	10776	10807	10861	10892	10906				
24.0	10498	10538	10577	10636	10675	10695				
27.0	10224	10272	10321	10381	10427	10449				
30.0	9923	9977	10028	10099	10140	10174				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks:



Photometric Data Table [cd]

33.0	9587	9644	9704	9780	9827	9863
36.0	9199	9264	9334	9414	9469	9504
39.0	8770	8840	8919	9002	9062	9101
42.0	8304	8377	8465	8555	8621	8661
45.0	7812	7887	7977	8075	8141	8194
48.0	7295	7373	7467	7572	7641	7696
51.0	6744	6830	6928	7040	7112	7162
54.0	6157	6253	6351	6471	6549	6600
57.0	5507	5618	5728	5855	5954	6007
60.0	4837	4947	5067	5197	5309	5367
63.0	4161	4263	4396	4528	4640	4702
66.0	3449	3563	3698	3837	3948	4018
69.0	2709	2825	2954	3097	3226	3291
72.0	1997	2127	2244	2407	2496	2559
75.0	1365	1468	1591	1711	1808	1865
78.0	822.3	895.3	993.8	1111	1197	1255
81.0	427.5	466.0	529.3	617.9	679.4	729.6
84.0	159.7	183.3	229.1	262.9	311.9	344.6
87.0	39.04	46.30	56.65	75.89	97.59	109.2
90.0	14.49	16.36	20.22	25.23	30.29	34.04
93.0	9.203	7.142	7.029	8.977	12.34	14.42
96.0	16.02	13.66	12.14	11.91	12.62	12.94
99.0	24.90	22.08	19.75	18.91	18.50	18.43
102.0	34.90	25.54	28.59	26.21	25.28	24.25
105.0	45.49	29.54	38.62	29.03	32.81	30.26
108.0	57.47	46.09	49.28	36.56	40.48	36.48
111.0	62.76	57.63	58.22	47.62	46.39	42.55
114.0	61.24	70.52	64.11	60.69	51.08	48.27
117.0	58.06	84.11	73.29	72.70	55.27	54.18
120.0	74.03	94.38	83.65	83.48	58.11	60.01
123.0	96.39	104.2	88.36	91.26	71.96	65.33
126.0	113.8	114.1	98.94	99.97	85.29	70.30
129.0	126.2	123.7	115.8	109.2	99.02	75.80
132.0	130.8	132.7	125.9	116.1	110.1	82.60
135.0	133.6	141.5	136.7	108.8	114.7	95.30
138.0	140.8	149.7	145.8	116.7	117.8	105.8
141.0	149.1	157.2	153.6	130.1	125.0	111.5
144.0	155.2	160.8	160.7	142.0	128.9	110.5
147.0	160.6	166.1	167.2	153.4	130.1	104.9
150.0	169.0	171.8	172.9	160.8	125.4	105.2
153.0	167.9	176.2	175.9	157.9	119.0	108.1
156.0	153.3	180.7	175.8	161.0	121.2	110.9
159.0	141.2	181.4	178.5	165.8	125.2	114.1
162.0	132.7	172.8	182.3	170.0	128.7	116.9
165.0	126.5	163.9	185.7	172.2	130.9	118.8
168.0	122.6	157.7	188.8	167.8	129.8	120.5
171.0	121.4	150.5	186.2	161.0	129.8	122.8
174.0	119.9	137.8	150.8	147.7	130.2	125.4
177.0	142.4	110.7	148.1	189.0	204.2	205.3
180.0	170.7	109.1	135.7	184.7	203.9	204.7

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: JY
Test Date: 26 September 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 40.4%
Test Distance: 26.000m [K=1.0000]
Remarks: