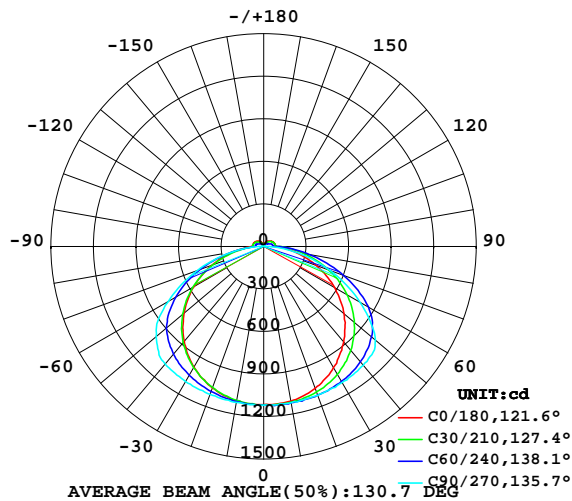


LUMINAIRE PHOTOMETRIC TEST REPORT

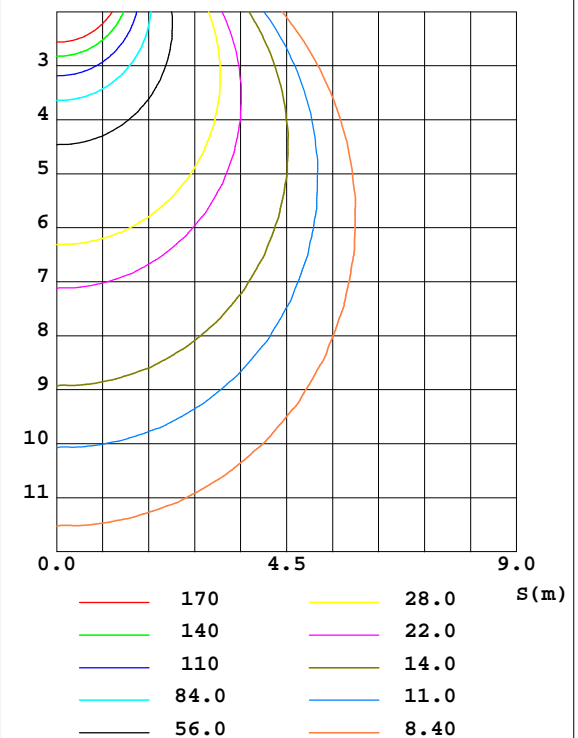
Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.62 lm/W			
MODEL		Imax(cd)	1124	S/MH(C0/180)	1.31
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	1.51
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4366.5	η UP,DN(C0-180)	3.3,46.7
NOMINAL FLUX(lm)	4366.45	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.3,46.7
LAMPS INSIDE	1	η up(%)	6.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	229.6	η down(%)	93.5	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [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	1106	1118	1119	1103	1106	1106	1117	1115	0- 10	106.4	106.4	2.44,2.44
20	1064	1103	1117	1069	1062	1073	1111	1101	10- 20	311.7	418.1	9.57,9.57
30	986.7	1068	1107	1013	983.6	1019	1101	1065	20- 30	493.1	911.2	20.9,20.9
40	877.6	1008	1093	929.8	873.4	937.5	1082	1004	30- 40	633.8	1545	35.4,35.4
50	740.1	913.6	1029	812.8	733.7	822.1	989.5	909.0	40- 50	714.9	2260	51.8,51.8
60	576.1	765.1	783.3	642.5	570.3	648.1	778.3	756.5	50- 60	704.1	2964	67.9,67.9
70	396.7	545.3	499.4	419.8	390.0	431.3	498.3	548.9	60- 70	580.4	3544	81.2,81.2
80	220.7	306.1	221.9	195.3	214.0	205.9	224.1	314.0	70- 80	376.3	3921	89.8,89.8
90	86.40	102.4	13.66	71.73	81.17	70.21	12.51	109.1	80- 90	161.0	4082	93.5,93.5
100	83.50	73.92	13.80	68.22	78.96	67.26	12.80	73.57	90-100	71.15	4153	95.1,95.1
110	78.08	66.68	13.58	60.34	74.78	61.24	13.28	66.90	100-110	63.96	4217	96.6,96.6
120	71.20	53.82	13.11	50.67	68.40	51.13	13.01	54.85	110-120	52.90	4270	97.8,97.8
130	62.19	43.40	5.162	40.75	59.88	41.01	6.034	44.48	120-130	39.98	4310	98.7,98.7
140	50.95	31.97	5.952	30.44	49.26	30.67	6.654	32.68	130-140	27.08	4337	99.3,99.3
150	38.37	23.31	6.680	21.03	36.31	21.21	7.191	23.75	140-150	16.56	4353	99.7,99.7
160	25.53	16.73	7.391	12.90	24.16	13.04	7.669	17.18	150-160	8.746	4362	99.9,99.9
170	13.74	11.59	7.958	7.601	13.06	7.649	8.079	11.82	160-170	3.627	4366	100,100
180	7.519	7.414	8.345	7.593	7.522	7.404	8.405	7.576	170-180	0.8426	4366	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

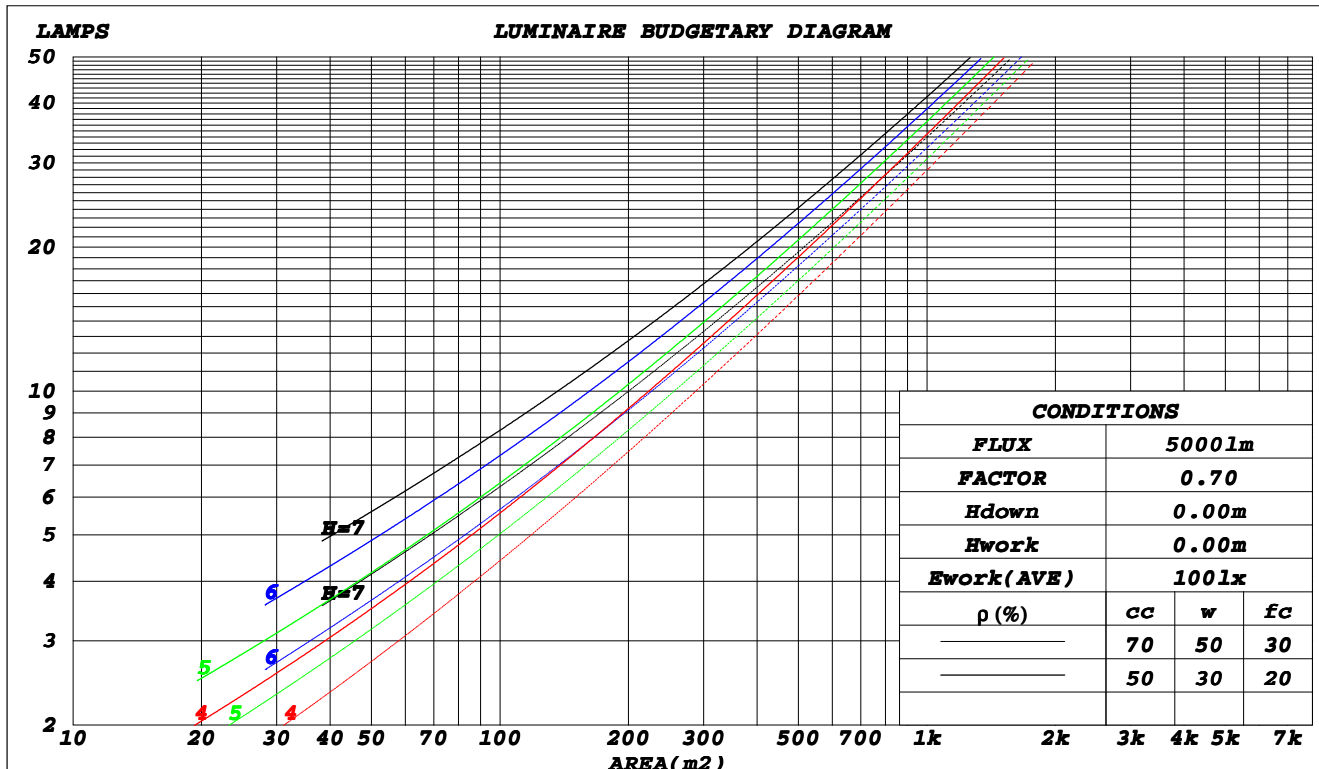
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.02	1.02	1.02	.96	.96	.96	.93
1.0	1.00	.96	.91	.98	.93	.89	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75
2.0	.86	.79	.73	.84	.77	.71	.79	.74	.69	.75	.70	.66	.71	.67	.64	.61
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.57	.65	.60	.55	.62	.57	.53	.50
4.0	.66	.57	.50	.64	.55	.49	.61	.53	.47	.58	.51	.46	.55	.49	.45	.42
5.0	.58	.49	.42	.57	.48	.42	.54	.46	.40	.51	.45	.39	.49	.43	.38	.36
6.0	.52	.43	.36	.51	.42	.36	.48	.41	.35	.46	.39	.34	.44	.38	.33	.31
7.0	.47	.38	.32	.46	.37	.31	.44	.36	.31	.42	.35	.30	.40	.34	.29	.27
8.0	.43	.34	.28	.42	.34	.28	.40	.32	.27	.38	.31	.27	.37	.30	.26	.24
9.0	.39	.31	.25	.38	.30	.25	.37	.29	.24	.35	.28	.24	.34	.28	.23	.21
10.0	.36	.28	.22	.35	.27	.22	.34	.27	.22	.32	.26	.21	.31	.25	.21	.19



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Mr.Ma
Test Date: 2023-03-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity: 65.0%
Test Distance: 7.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.345	.196	.062	.336	.191	.061	.318	.183	.058	.303	.175	.056	.288	.167	.054		
2.0	.315	.173	.053	.307	.169	.052	.292	.162	.050	.278	.156	.049	.264	.150	.047		
3.0	.287	.153	.046	.280	.150	.045	.266	.144	.044	.253	.139	.043	.242	.134	.041		
4.0	.262	.136	.040	.256	.134	.040	.243	.129	.039	.232	.125	.038	.221	.120	.037		
5.0	.241	.123	.036	.235	.121	.035	.224	.116	.034	.213	.113	.033	.204	.109	.033		
6.0	.222	.111	.032	.217	.109	.031	.207	.106	.031	.197	.102	.030	.188	.099	.029		
7.0	.205	.102	.029	.201	.100	.028	.192	.097	.028	.183	.094	.027	.175	.091	.027		
8.0	.191	.093	.026	.187	.092	.026	.179	.089	.025	.171	.087	.025	.164	.084	.024		
9.0	.179	.086	.024	.175	.085	.024	.167	.083	.023	.160	.080	.023	.153	.078	.023		
10.0	.167	.080	.022	.164	.079	.022	.157	.077	.022	.151	.075	.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	.240	.240	.240	.205	.205	.205	.140	.140	.140	.080	.080	.080	.026	.026	.026	
1.0	.233	.206	.182	.199	.177	.156	.136	.122	.108	.078	.070	.063	.025	.023	.020	
2.0	.226	.182	.146	.193	.157	.126	.133	.109	.088	.076	.063	.051	.025	.020	.017	
3.0	.219	.165	.123	.187	.142	.106	.129	.099	.075	.074	.058	.044	.024	.019	.014	
4.0	.211	.152	.107	.181	.132	.093	.125	.092	.066	.072	.054	.039	.023	.017	.013	
5.0	.204	.142	.097	.175	.123	.084	.120	.086	.059	.070	.050	.035	.022	.016	.012	
6.0	.196	.134	.089	.169	.116	.078	.116	.081	.055	.068	.048	.033	.022	.016	.011	
7.0	.189	.127	.084	.163	.110	.073	.113	.077	.052	.065	.046	.031	.021	.015	.010	
8.0	.183	.122	.080	.157	.105	.069	.109	.074	.049	.063	.044	.029	.020	.014	.010	
9.0	.176	.117	.076	.152	.101	.067	.105	.071	.047	.061	.042	.028	.020	.014	.009	
10.0	.171	.112	.074	.147	.098	.064	.102	.069	.046	.060	.041	.027	.019	.013	.009	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm										
NAME: LED337 W34A (4000K 40W)					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:		
MFR.:					SUR.:			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	21.3	22.8	21.7	23.1	23.5	22.9	24.4	23.2	24.7	25.1
3H	23.1	24.4	23.4	24.8	25.2	24.6	26.0	25.0	26.4	26.8
4H	23.8	25.2	24.2	25.5	25.9	25.3	26.7	25.7	27.0	27.4
6H	24.5	25.8	24.9	26.2	26.6	25.8	27.1	26.3	27.5	27.9
8H	24.8	26.0	25.3	26.4	26.9	26.0	27.2	26.5	27.6	28.1
12H	25.1	26.3	25.6	26.7	27.1	26.1	27.3	26.6	27.7	28.1
4H 2H	22.4	23.7	22.8	24.1	24.5	23.5	24.8	23.9	25.2	25.6
3H	24.3	25.4	24.7	25.9	26.3	25.6	26.7	26.0	27.1	27.6
4H	25.2	26.3	25.7	26.7	27.2	26.5	27.5	26.9	28.0	28.4
6H	26.0	27.0	26.5	27.4	27.9	27.1	28.1	27.6	28.6	29.1
8H	26.4	27.3	26.9	27.8	28.3	27.4	28.3	27.9	28.8	29.3
12H	26.8	27.6	27.3	28.1	28.6	27.6	28.4	28.1	28.9	29.4
8H 4H	25.8	26.7	26.3	27.1	27.7	26.8	27.7	27.3	28.2	28.7
6H	26.8	27.6	27.4	28.1	28.7	27.8	28.5	28.3	29.0	29.6
8H	27.4	28.0	27.9	28.6	29.2	28.2	28.9	28.8	29.4	30.0
12H	27.9	28.5	28.5	29.0	29.6	28.5	29.1	29.1	29.6	30.3
12H 4H	25.9	26.7	26.4	27.2	27.7	26.9	27.7	27.4	28.2	28.7
6H	27.0	27.7	27.6	28.2	28.8	27.9	28.6	28.5	29.1	29.7
8H	27.7	28.2	28.2	28.8	29.4	28.4	29.0	29.0	29.5	30.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.5					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 4366 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

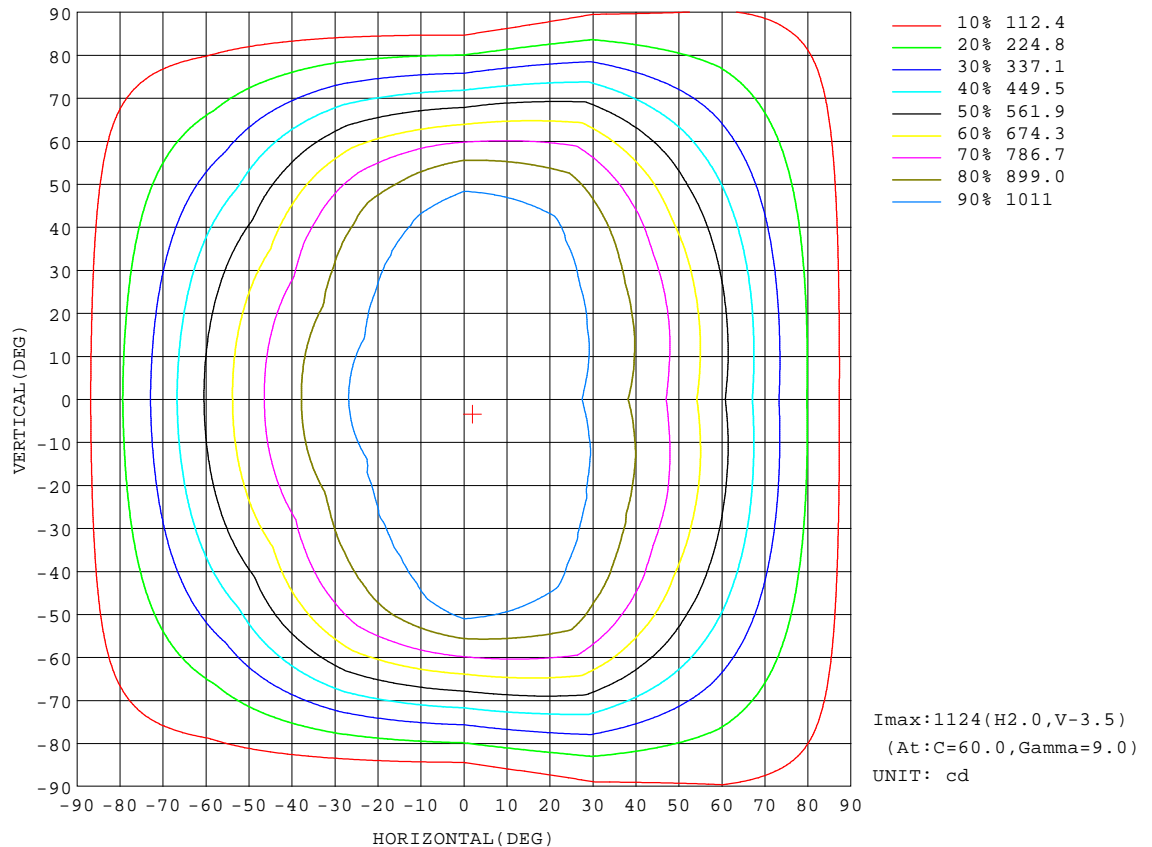
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	32	51	39	32	50	39	32	25
0.80	62	49	41	61	49	41	58	48	41	33
1.00	70	58	50	69	57	50	66	58	49	41
1.25	77	66	58	76	65	57	72	63	56	48
1.50	83	72	64	81	70	63	77	68	62	53
2.00	90	80	73	88	79	72	83	76	70	60
2.50	94	85	79	92	84	77	87	80	75	65
3.00	98	90	84	95	88	82	90	84	79	69
4.00	102	96	90	99	94	89	94	89	85	74
5.00	105	99	95	102	97	93	96	92	89	77
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



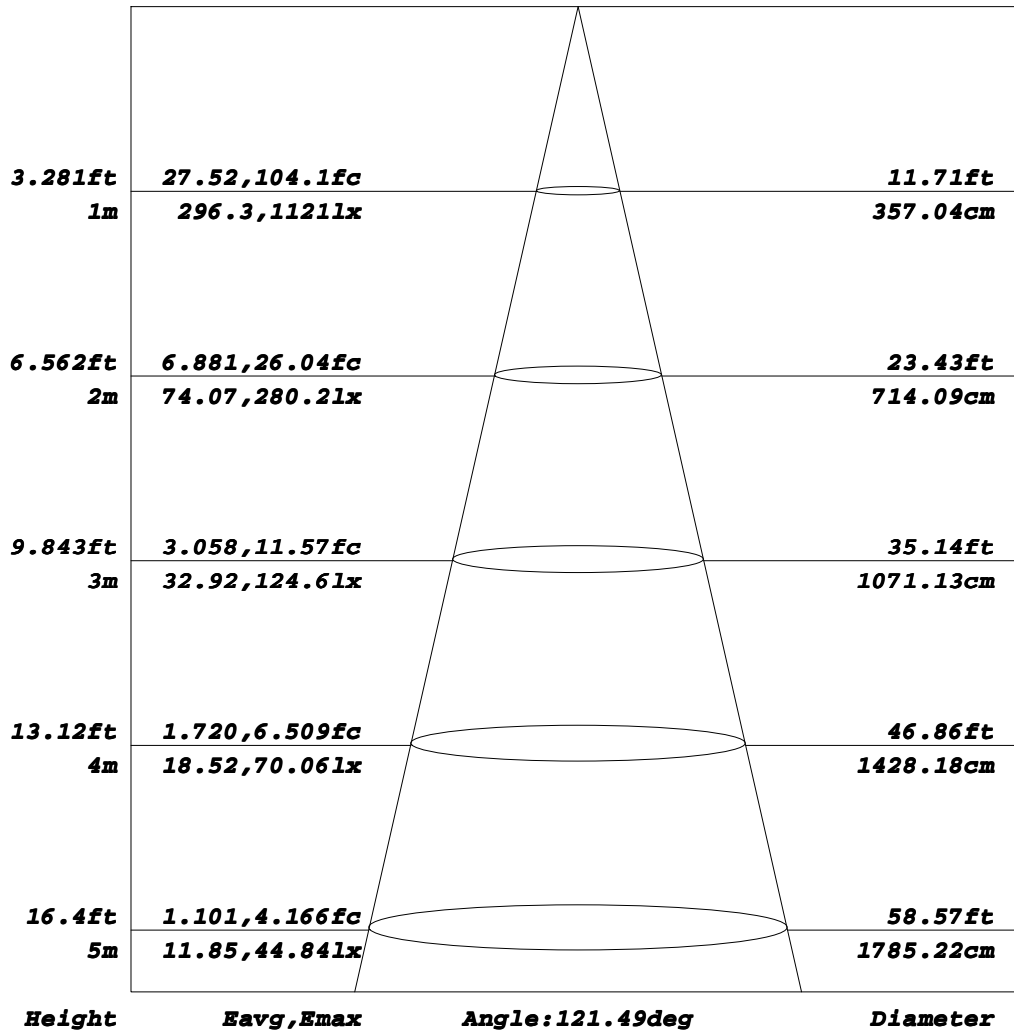
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Flux out:3029 lm



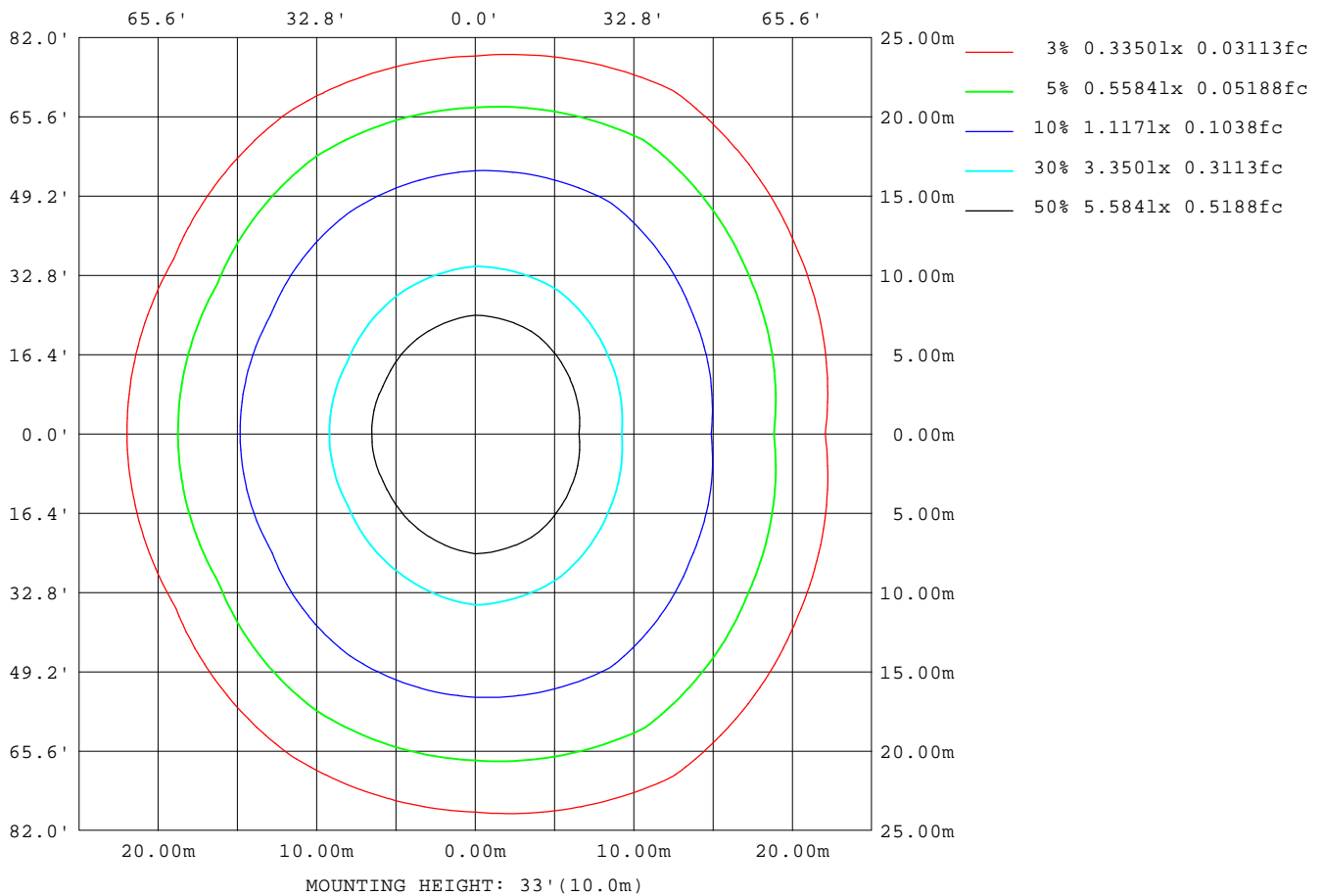
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Mr.Ma
Test Date: 2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity: 65.0%
Test Distance: 7.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Mr.Ma
Test Date: 2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity: 65.0%
Test Distance: 7.000m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	4366.45	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	11519	11960	12538	13252	14325	15368	16216	16389	16269	15924	15492	14919	14221	13262	12326	11542	11330	11317	11417
60	11523	12059	12738	13559	14811	15989	16875	16738	16261	15616	15278	14879	14358	13351	12327	11454	11257	11274	11405
65	11536	12200	12985	13891	15245	16473	17331	16913	16126	15216	14912	14620	14226	13220	12182	11296	11146	11214	11380
70	11598	12438	13347	14325	15719	16921	17669	16923	15787	14585	14283	14080	13817	12870	11892	11068	11023	11181	11404
75	11843	12937	14005	15046	16401	17473	18009	16888	15367	13838	13463	13285	13118	12300	11478	10824	10962	11271	11581
80	12711	14202	15518	16662	17979	18862	19050	17232	14986	12842	12356	12255	12294	11710	11167	10812	11280	11858	12323
85	16498	19001	20977	22424	23754	24248	23599	19849	15579	11720	11033	11245	11917	11876	11959	12272	13548	14799	15659

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum	specified	maximum	specified
		calculated	maximum	measured	maximum
Category 1	55 to 90	24248	200	---	500
Category 2	65 to 90	24248	200	---	500
Category 3	75 to 90	24248	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm		
NAME: LED337 W34A (4000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	4366.45	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	11519	11960	12538	13252	14325	15368	16216	16389	16269	15924	15492	14919	14221	13262	12326	11542	11330	11317	11417
60	11523	12059	12738	13559	14811	15989	16875	16738	16261	15616	15278	14879	14358	13351	12327	11454	11257	11274	11405
65	11536	12200	12985	13891	15245	16473	17331	16913	16126	15216	14912	14620	14226	13220	12182	11296	11146	11214	11380
70	11598	12438	13347	14325	15719	16921	17669	16923	15787	14585	14283	14080	13817	12870	11892	11068	11023	11181	11404
75	11843	12937	14005	15046	16401	17473	18009	16888	15367	13838	13463	13285	13118	12300	11478	10824	10962	11271	11581
80	12711	14202	15518	16662	17979	18862	19050	17232	14986	12842	12356	12255	12294	11710	11167	10812	11280	11858	12323
85	16498	19001	20977	22424	23754	24248	23599	19849	15579	11720	11033	11245	11917	11876	11959	12272	13548	14799	15659

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	24248	1000	1500	200	500
65 to 90	24248	1000	1500	200	500

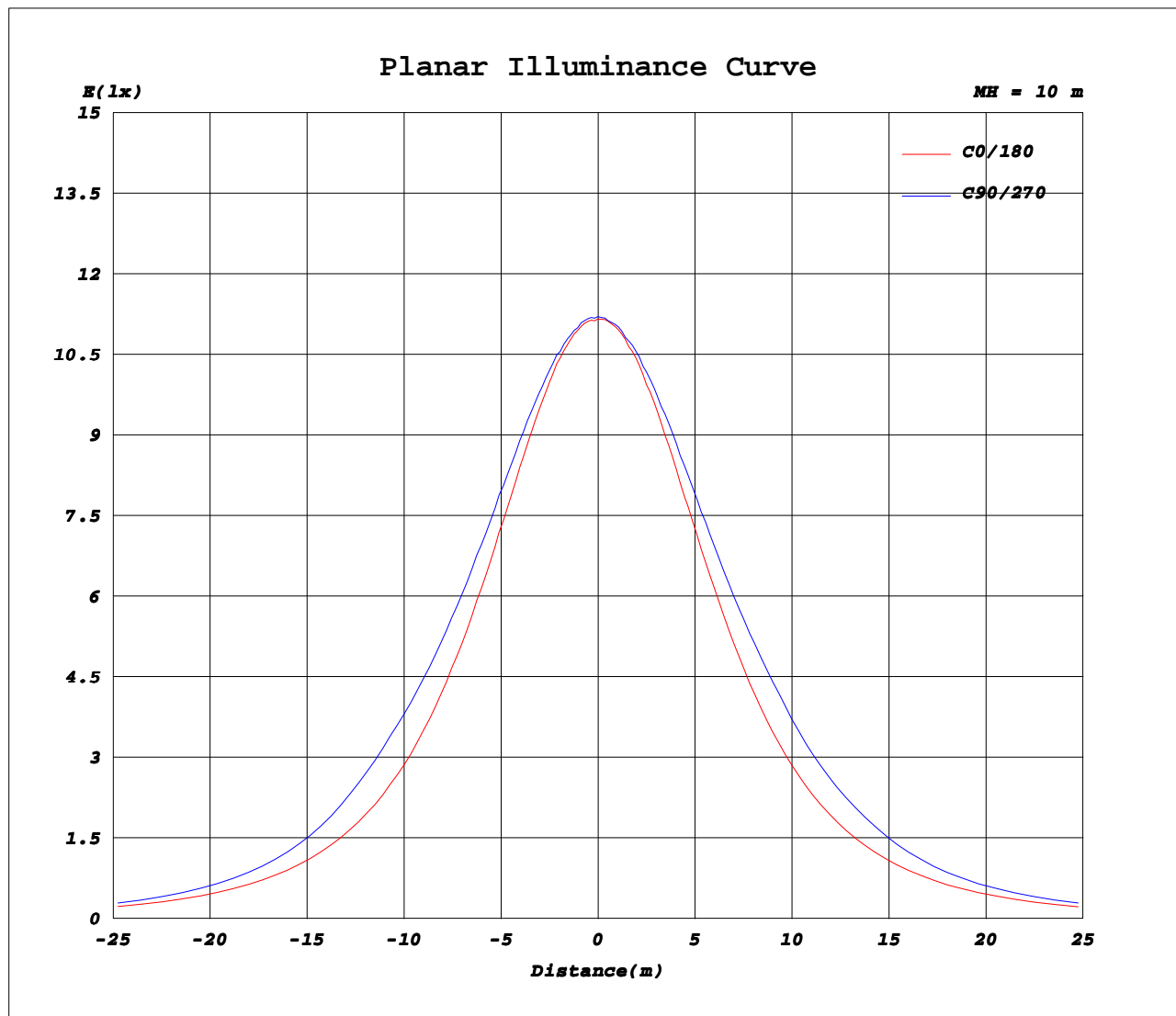
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

No match

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Mr.Ma
Test Date: 2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity: 65.0%
Test Distance: 7.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.6V I:0.1697A P:38.10W PF:0.9775 Lamp Flux:4366.45x1 lm											
NAME: LED337 W34A (4000K 40W)						TYPE:			WEIGHT:		
DIM.:						SPEC.:			SERIAL No.:		
MFR.:						SUR.:			PROTECTION ANGLE:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1116	1118	1121	1120	1117	1115	1116	1118	1121	1120	1117	1115							
5	1115	1117	1122	1122	1114	1110	1115	1113	1117	1119	1118	1115							
10	1106	1115	1120	1119	1108	1099	1106	1103	1110	1117	1117	1114							
15	1089	1106	1119	1118	1097	1080	1088	1084	1101	1115	1115	1106							
20	1064	1091	1114	1117	1084	1054	1062	1058	1088	1111	1110	1091							
25	1029	1068	1108	1112	1068	1021	1027	1027	1071	1106	1104	1068							
30	987	1039	1097	1107	1045	980	984	988	1050	1101	1093	1038							
35	936	1001	1082	1102	1018	932	933	940	1023	1091	1076	1000							
40	878	955	1061	1093	984	875	873	885	990	1082	1054	953							
45	811	899	1032	1078	941	812	808	821	949	1049	1024	897							
50	740	834	993	1029	887	738	734	749	895	989	984	834							
55	661	761	937	916	815	656	655	668	816	911	923	760							
60	576	678	852	783	718	567	570	579	718	778	836	677							
65	488	587	735	644	597	472	481	483	605	642	730	587							
70	397	489	602	499	467	373	390	384	478	498	607	491							
75	307	387	461	357	333	275	300	285	346	359	471	392							
80	221	287	325	222	207	184	214	192	220	224	336	292							
85	144	193	201	101	99.4	104	136	110	108	104	211	198							
90	86.4	110	95.1	13.7	64.2	79.3	81.2	79.2	61.3	12.5	102	116							
95	84.9	83.8	66.7	13.8	62.7	78.0	80.1	78.2	60.0	12.4	66.7	84.6							
100	83.5	82.4	65.5	13.8	60.4	76.1	79.0	76.3	58.2	12.8	63.7	83.4							
105	80.6	80.3	62.0	13.7	56.3	73.4	77.2	73.7	56.0	13.2	63.1	75.4							
110	78.1	77.4	55.9	13.6	50.6	70.1	74.8	70.5	52.0	13.3	58.2	75.6							
115	74.9	73.0	47.3	13.4	44.5	66.3	71.9	66.7	45.9	13.2	49.2	72.2							
120	71.2	67.2	40.4	13.1	39.4	61.9	68.4	62.3	40.0	13.0	41.6	68.1							
125	66.9	63.2	36.0	5.12	34.6	57.1	64.3	57.5	35.1	12.7	37.5	64.1							
130	62.2	55.6	31.2	5.16	29.7	51.8	59.9	52.2	29.8	6.03	32.7	56.3							
135	56.9	48.2	26.8	5.54	25.0	46.1	55.0	46.4	25.1	6.33	28.3	48.3							
140	50.9	40.8	23.1	5.95	20.6	40.2	49.3	40.5	20.8	6.65	24.5	40.9							
145	44.7	33.9	20.0	6.34	16.8	34.3	43.4	34.5	16.9	6.93	21.0	34.5							
150	38.4	28.4	18.2	6.68	13.5	28.6	36.3	28.7	13.7	7.19	18.6	29.0							
155	31.9	23.2	16.5	7.03	10.6	22.9	29.2	23.1	10.7	7.44	16.9	23.7							
160	25.5	18.7	14.7	7.39	8.15	17.7	24.2	17.8	8.28	7.67	15.2	19.2							
165	19.4	14.8	13.1	7.69	6.44	12.9	18.5	12.9	6.49	7.88	13.5	15.2							
170	13.7	11.9	11.3	7.96	6.52	8.68	13.1	8.75	6.55	8.08	11.7	11.9							
175	8.84	9.20	9.61	8.17	6.58	6.79	8.67	6.74	6.60	8.25	9.89	9.51							
180	7.52	6.98	7.85	8.35	8.06	7.13	7.52	7.02	7.79	8.40	8.05	7.11							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Mr.Ma
Test Date: 2023-03-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.263
Humidity: 65.0%
Test Distance: 7.000m [K=1.0000]
Remarks: