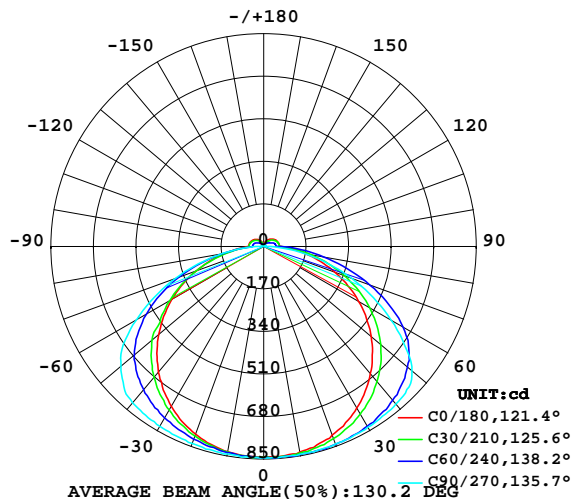


LUMINAIRE PHOTOMETRIC TEST REPORT

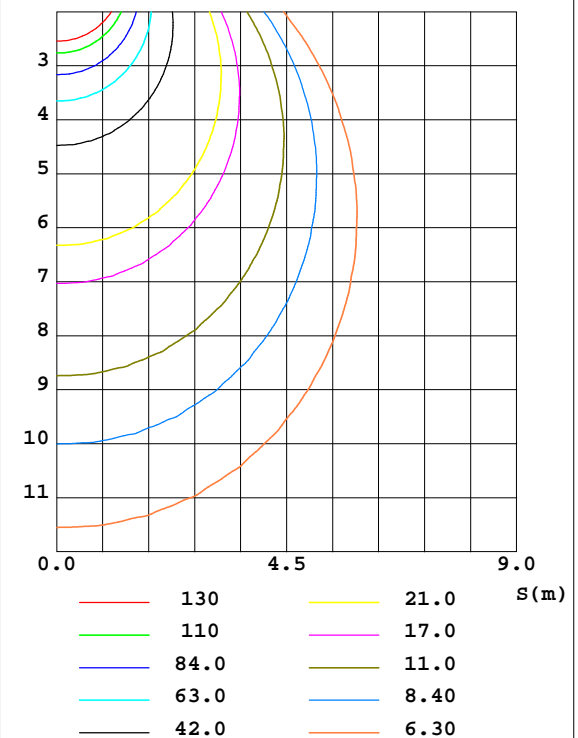
Test:U:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.80 lm/W			
MODEL		Imax(cd)	846.2	S/MH(C0/180)	1.32
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	1.51
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3282.4	η UP,DN(C0-180)	3.3,46.6
NOMINAL FLUX(lm)	3282.42	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.3,46.9
LAMPS INSIDE	1	η up(%)	6.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	229.7	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	833.4	841.3	843.5	832.1	832.6	835.5	841.7	841.7	0- 10	80.23	80.23	2.44,2.44
20	801.8	829.1	840.1	806.4	798.2	813.1	837.4	830.1	10- 20	235.0	315.2	9.6,9.6
30	744.3	800.9	833.9	763.4	738.7	773.4	829.8	803.3	20- 30	371.7	686.9	20.9,20.9
40	663.0	753.2	821.3	700.9	654.5	714.6	815.3	755.6	30- 40	477.7	1165	35.5,35.5
50	560.7	681.0	773.2	611.0	548.4	629.2	745.8	684.9	40- 50	538.8	1703	51.9,51.9
60	438.2	566.3	588.7	483.2	423.9	488.2	588.2	570.6	50- 60	529.3	2233	68,68
70	303.9	398.7	375.7	315.1	287.9	324.9	376.5	414.5	60- 70	435.3	2668	81.3,81.3
80	171.2	218.9	165.3	146.5	155.6	154.3	168.9	237.2	70- 80	281.3	2949	89.9,89.9
90	65.77	69.51	10.38	54.26	60.72	52.66	9.554	83.56	80- 90	119.2	3069	93.5,93.5
100	62.46	55.20	10.43	51.55	59.34	50.44	9.881	55.49	90-100	53.31	3122	95.1,95.1
110	59.13	49.68	10.23	45.60	56.28	45.97	10.23	50.54	100-110	48.15	3170	96.6,96.6
120	53.98	39.81	9.755	38.37	51.42	38.29	10.00	41.46	110-120	39.79	3210	97.8,97.8
130	47.27	31.86	3.760	30.89	44.95	30.64	4.697	33.76	120-130	30.03	3240	98.7,98.7
140	38.79	23.25	4.374	23.07	36.79	22.86	5.125	24.80	130-140	20.32	3260	99.3,99.3
150	29.27	16.83	4.947	15.94	27.66	15.78	5.487	17.97	140-150	12.40	3273	99.7,99.7
160	19.56	11.98	5.508	9.800	17.15	9.757	5.833	12.99	150-160	6.559	3279	99.9,99.9
170	10.67	8.228	5.967	5.753	9.493	5.744	6.112	8.926	160-170	2.701	3282	100,100
180	5.606	5.568	6.287	5.728	5.606	5.579	6.316	5.710	170-180	0.6276	3282	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

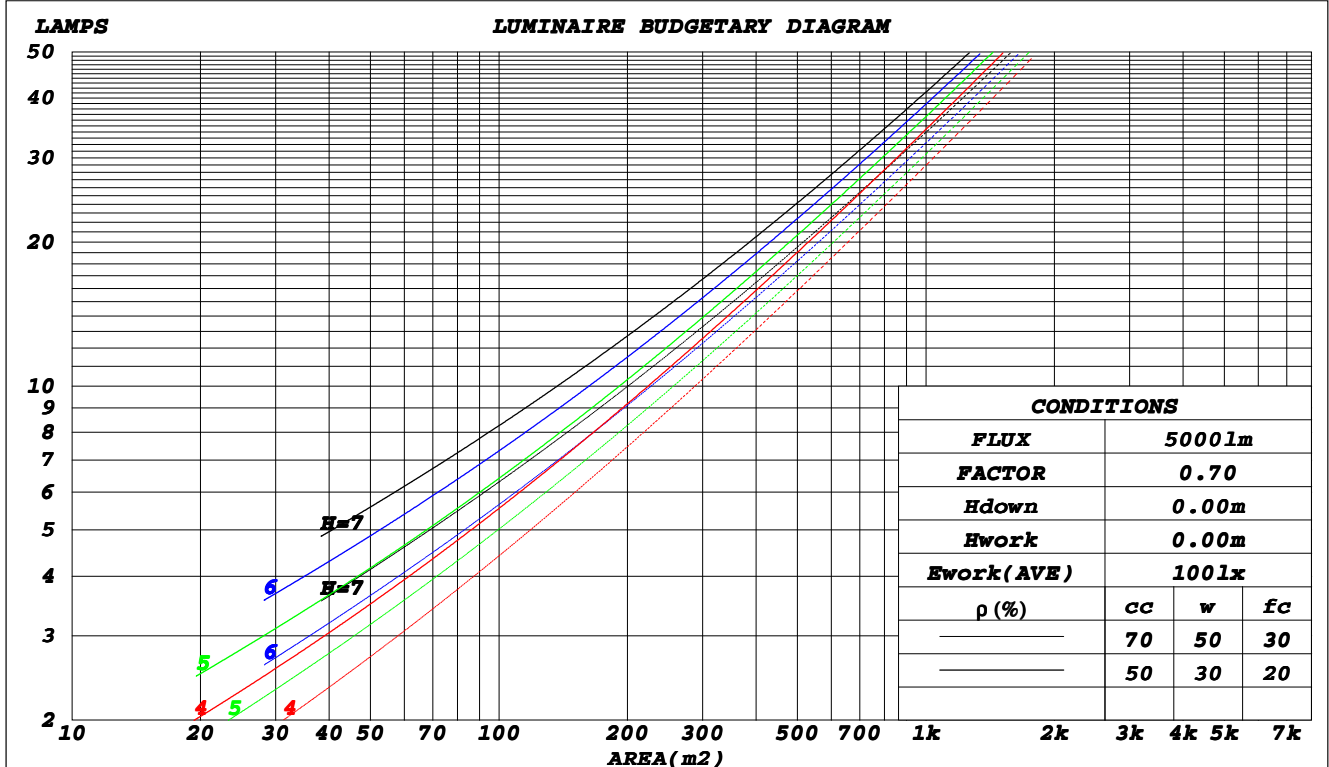
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	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	1.01	.96	.91	.98	.93	.89	.92	.89	.85	.87	.84	.82	.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	.56	.49	.61	.53	.47	.58	.51	.46	.55	.49	.45	.42
5.0	.59	.49	.42	.57	.48	.42	.54	.46	.41	.51	.45	.39	.49	.43	.38	.36
6.0	.52	.43	.36	.51	.42	.36	.49	.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	.33	.27	.38	.32	.27	.37	.31	.26	.24
9.0	.39	.31	.25	.38	.30	.25	.37	.29	.24	.35	.29	.24	.34	.28	.23	.21
10.0	.36	.28	.23	.35	.28	.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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	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	.344	.196	.062	.335	.191	.061	.318	.182	.058	.302	.174	.056	.287	.167	.054		
2.0	.315	.172	.053	.306	.169	.052	.291	.162	.050	.277	.155	.049	.264	.149	.047		
3.0	.287	.153	.046	.279	.150	.045	.266	.144	.044	.253	.139	.043	.241	.134	.041		
4.0	.262	.136	.040	.255	.134	.040	.243	.129	.039	.232	.124	.038	.221	.120	.037		
5.0	.240	.123	.035	.235	.120	.035	.223	.116	.034	.213	.112	.033	.203	.109	.033		
6.0	.222	.111	.032	.216	.109	.031	.206	.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	.178	.089	.025	.171	.087	.025	.164	.084	.024		
9.0	.178	.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	.150	.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	.132	.109	.088	.076	.063	.051	.025	.020	.017	
3.0	.218	.165	.123	.187	.142	.106	.129	.099	.075	.074	.058	.044	.024	.019	.014	
4.0	.211	.152	.107	.181	.131	.093	.124	.092	.066	.072	.054	.039	.023	.017	.013	
5.0	.203	.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	.067	.048	.033	.022	.016	.011	
7.0	.189	.127	.084	.163	.110	.073	.112	.077	.052	.065	.046	.031	.021	.015	.010	
8.0	.183	.121	.079	.157	.105	.069	.109	.074	.049	.063	.044	.029	.020	.014	.010	
9.0	.176	.117	.076	.152	.101	.066	.105	.071	.047	.061	.042	.028	.020	.014	.009	
10.0	.171	.112	.074	.147	.098	.064	.102	.069	.046	.059	.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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm											
NAME: LED337 W34A (4000K 30W)					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	20.2	21.7	20.6	22.0	22.4	21.9	23.4	22.3	23.7	24.1	
	3H	22.0	23.3	22.3	23.7	24.1	23.7	25.1	24.1	25.4	25.8
	4H	22.7	24.1	23.2	24.4	24.8	24.4	25.7	24.8	26.1	26.4
	6H	23.5	24.7	23.9	25.1	25.5	24.9	26.1	25.3	26.5	26.9
	8H	23.8	25.0	24.2	25.4	25.8	25.0	26.2	25.5	26.6	27.1
	12H	24.1	25.2	24.5	25.7	26.1	25.1	26.3	25.6	26.7	27.2
4H	2H	21.3	22.6	21.7	22.9	23.3	22.5	23.8	22.9	24.2	24.6
	3H	23.1	24.3	23.6	24.7	25.1	24.6	25.7	25.0	26.1	26.6
	4H	24.0	25.1	24.5	25.5	26.0	25.5	26.5	25.9	27.0	27.4
	6H	24.9	25.8	25.4	26.3	26.8	26.2	27.1	26.7	27.6	28.1
	8H	25.2	26.1	25.8	26.6	27.1	26.4	27.3	26.9	27.8	28.3
	12H	25.6	26.4	26.2	26.9	27.5	26.6	27.4	27.1	27.9	28.4
8H	4H	24.6	25.5	25.1	25.9	26.5	25.8	26.7	26.3	27.2	27.7
	6H	25.6	26.4	26.2	26.9	27.4	26.8	27.5	27.3	28.0	28.6
	8H	26.1	26.8	26.7	27.3	27.9	27.2	27.8	27.7	28.4	29.0
	12H	26.7	27.2	27.2	27.8	28.4	27.5	28.1	28.1	28.6	29.2
12H	4H	24.7	25.5	25.2	26.0	26.5	25.8	26.6	26.3	27.1	27.7
	6H	25.8	26.5	26.4	27.0	27.6	26.9	27.5	27.4	28.1	28.7
	8H	26.4	27.0	27.0	27.5	28.1	27.4	27.9	28.0	28.5	29.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4					
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.5					

CIE Pub.117 Corrected 3282 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.1)

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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

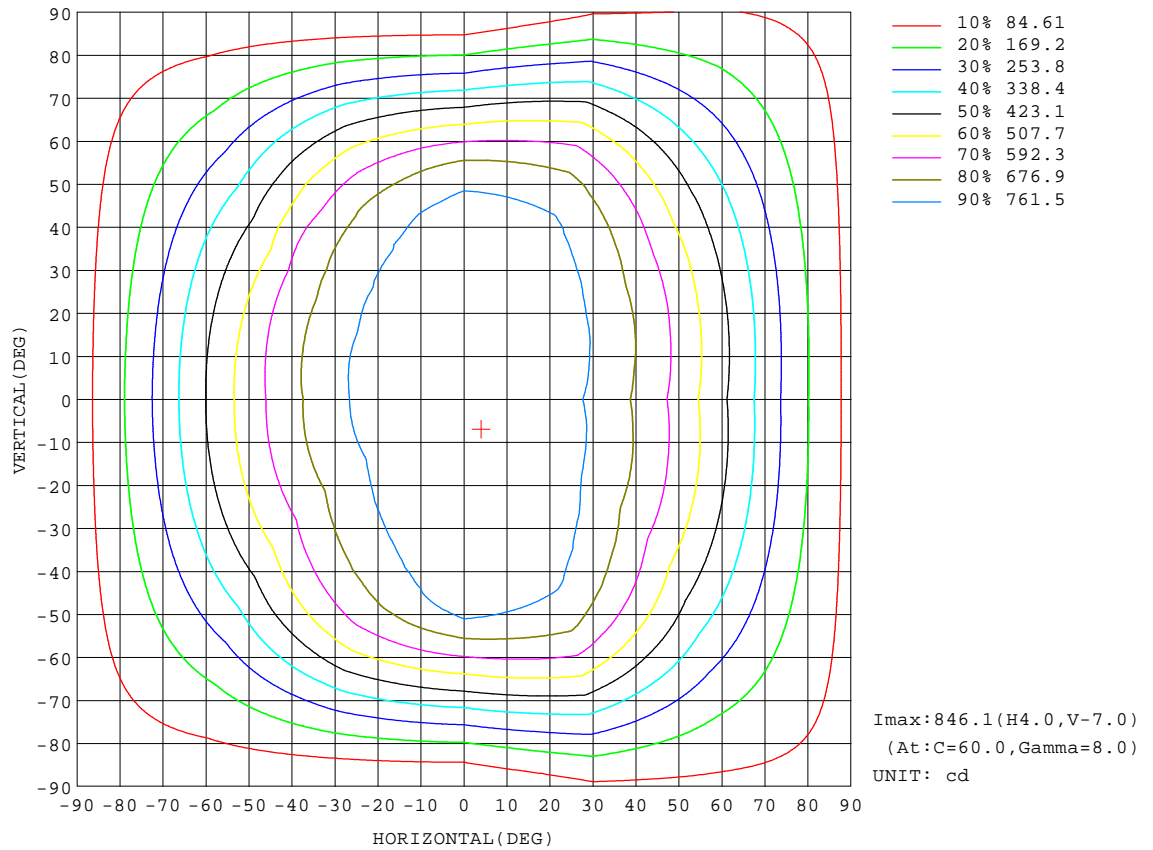
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	32	51	39	32	50	39	32	25
0.80	62	49	41	61	49	41	58	48	41	33
1.00	70	58	50	69	57	50	66	58	49	41
1.25	78	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	86	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	100	94	89	94	89	85	74
5.00	105	100	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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



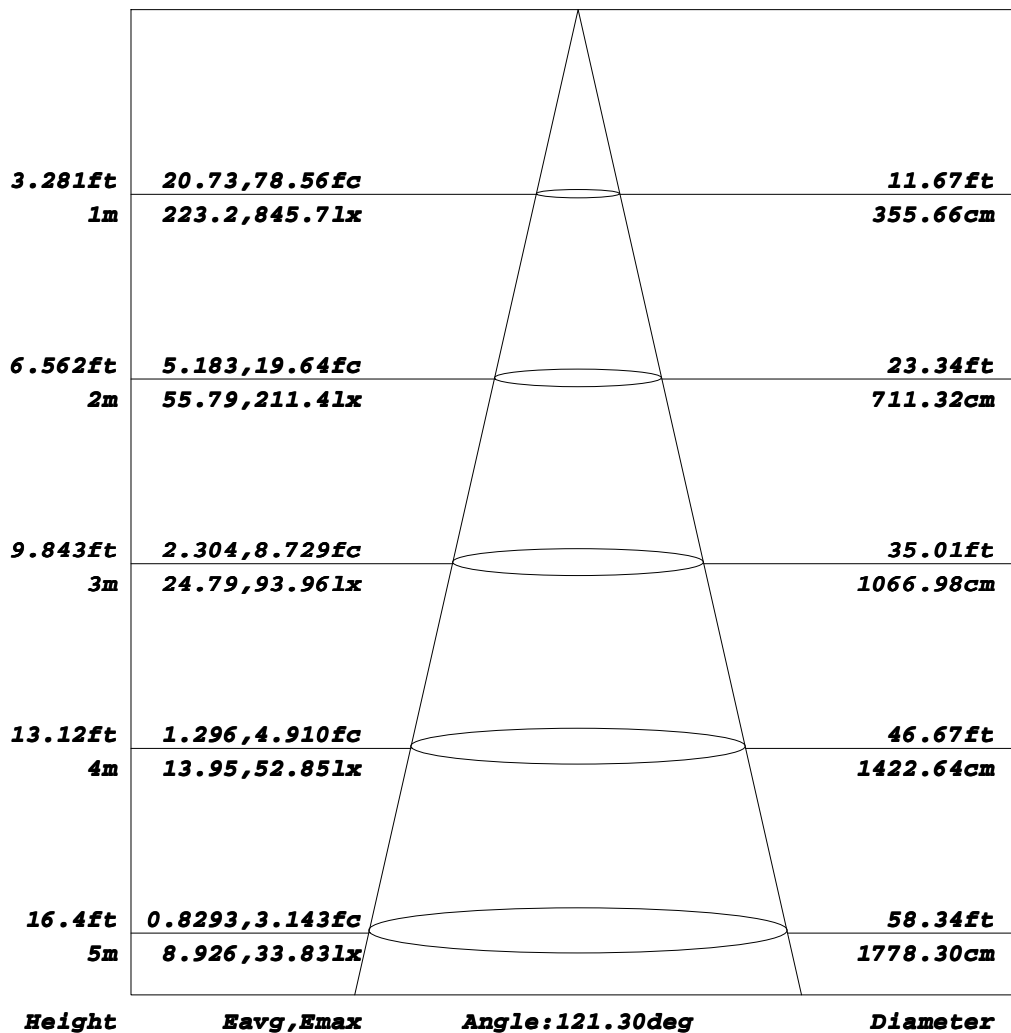
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Flux out:2282 lm



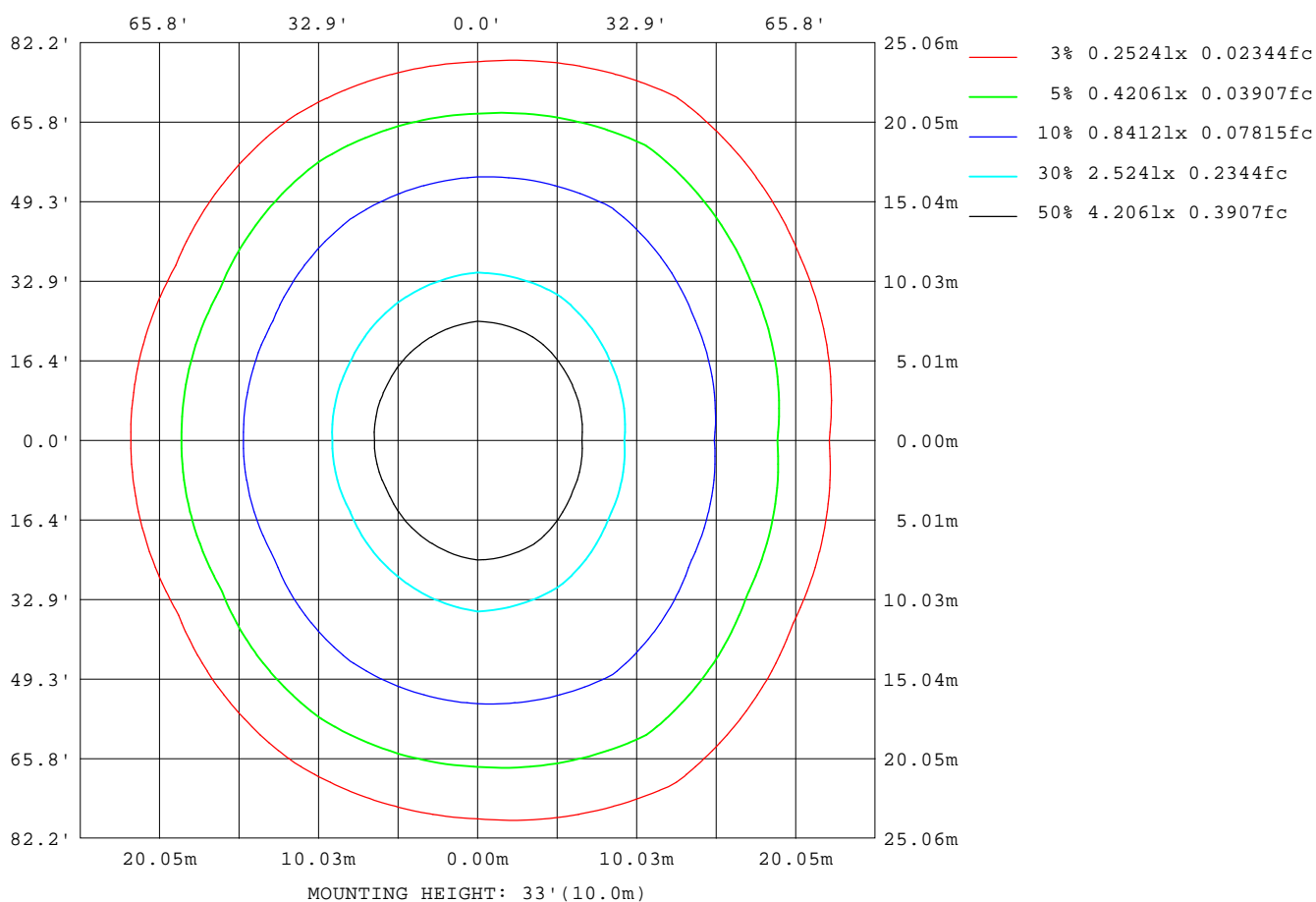
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	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	3282.42	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	8753	8941	9287	9793	10666	11543	12267	12386	12264	11969	11647	11226	10712	9992	9284	8685	8497	8459	8515
60	8764	9004	9412	9991	11000	11984	12747	12650	12278	11768	11508	11203	10808	10053	9283	8619	8432	8407	8478
65	8807	9094	9552	10183	11287	12337	13105	12789	12169	11449	11227	11018	10731	9969	9176	8490	8335	8347	8446
70	8886	9255	9773	10440	11581	12628	13337	12794	11928	10996	10762	10601	10396	9686	8948	8317	8226	8289	8418
75	9140	9602	10176	10863	12005	13003	13600	12775	11609	10420	10136	10002	9876	9258	8631	8118	8156	8324	8514
80	9857	10485	11162	11890	13047	13969	14373	13020	11293	9624	9272	9214	9258	8808	8374	8065	8323	8670	8961
85	12933	13892	14792	15633	16940	17795	17806	15059	11825	8852	8332	8489	8989	8962	9010	9199	9982	10750	11278

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

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	17806	200	---	500
Category 2	65 to 90	17806	200	---	500
Category 3	75 to 90	17806	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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm		
NAME: LED337 W34A (4000K 30W)	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	3282.42	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	8753	8941	9287	9793	10666	11543	12267	12386	12264	11969	11647	11226	10712	9992	9284	8685	8497	8459	8515
60	8764	9004	9412	9991	11000	11984	12747	12650	12278	11768	11508	11203	10808	10053	9283	8619	8432	8407	8478
65	8807	9094	9552	10183	11287	12337	13105	12789	12169	11449	11227	11018	10731	9969	9176	8490	8335	8347	8446
70	8886	9255	9773	10440	11581	12628	13337	12794	11928	10996	10762	10601	10396	9686	8948	8317	8226	8289	8418
75	9140	9602	10176	10863	12005	13003	13600	12775	11609	10420	10136	10002	9876	9258	8631	8118	8156	8324	8514
80	9857	10485	11162	11890	13047	13969	14373	13020	11293	9624	9272	9214	9258	8808	8374	8065	8323	8670	8961
85	12933	13892	14792	15633	16940	17795	17806	15059	11825	8852	8332	8489	8989	8962	9010	9199	9982	10750	11278

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	17806	1000	1500	200	500
65 to 90	17806	1000	1500	200	500

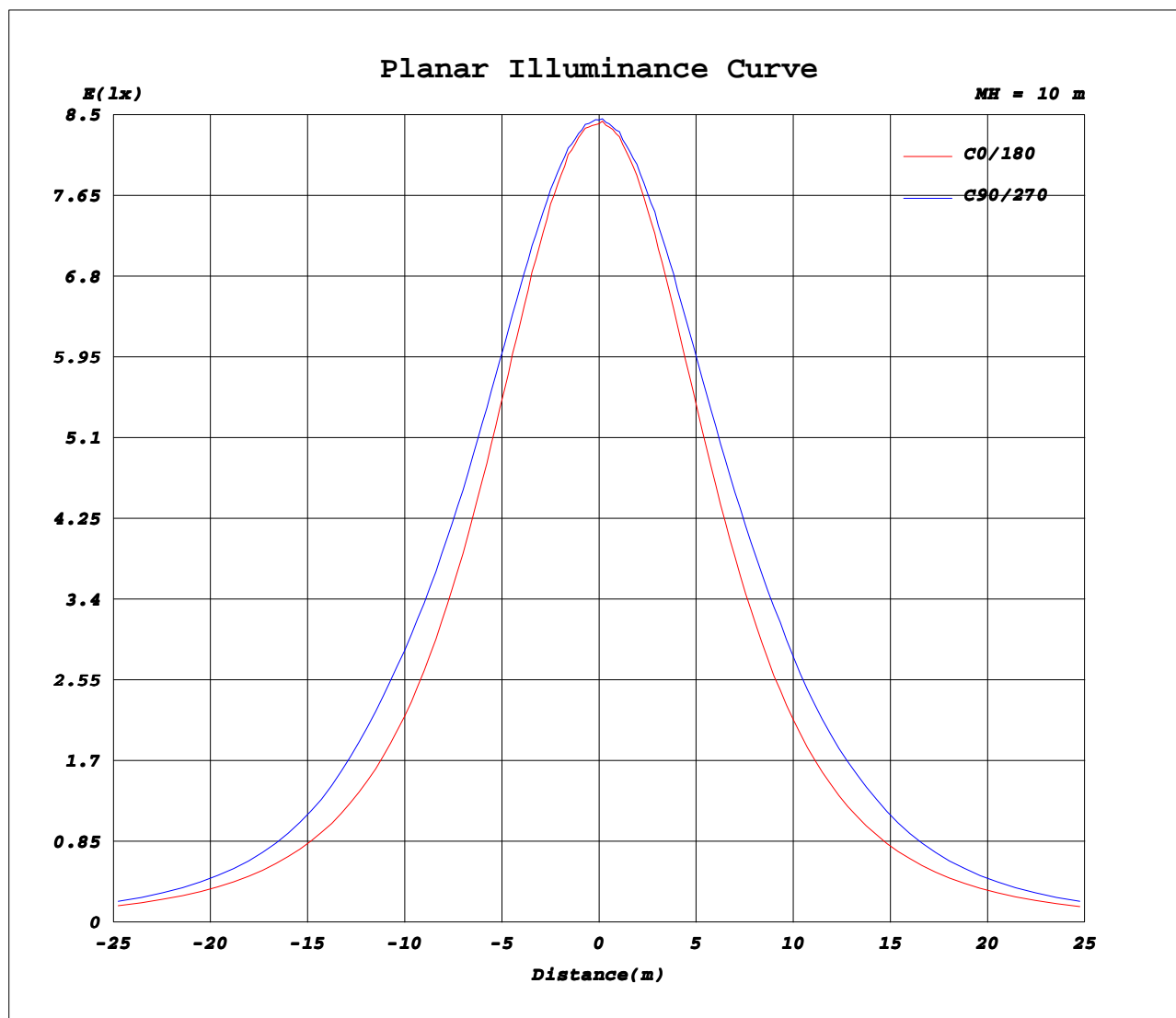
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

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:229.7V I:0.1264A P:28.35W PF:0.9761 Lamp Flux:3282.42x1 lm																	
NAME: LED337 W34A (4000K 30W)									TYPE:			WEIGHT:					
DIM.:									SPEC.:			SERIAL No.:					
MFR.:									SUR.:			PROTECTION ANGLE:					

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	841	841	844	845	840	844	841	841	844	845	840	844						
5	841	842	845	844	837	840	840	840	841	844	841	844						
10	833	838	844	844	833	831	833	834	837	842	840	843						
15	821	830	843	843	826	815	819	823	829	840	839	837						
20	802	817	841	840	817	796	798	806	820	837	836	824						
25	776	798	836	838	804	771	772	784	807	834	831	806						
30	744	773	829	834	788	739	739	755	791	830	824	783						
35	707	743	817	828	767	702	700	722	772	823	812	753						
40	663	705	801	821	742	660	654	682	747	815	795	716						
45	615	662	780	810	708	611	604	636	716	791	773	675						
50	561	611	751	773	667	555	548	583	676	746	744	626						
55	502	553	708	687	613	493	488	503	616	686	699	570						
60	438	490	643	589	540	427	424	435	541	588	632	509						
65	372	420	554	484	450	355	357	363	457	484	554	441						
70	304	345	453	376	350	280	288	289	361	377	460	369						
75	237	268	347	268	251	206	220	214	261	271	357	294						
80	171	194	244	165	156	137	156	143	165	169	255	219						
85	113	123	151	75.5	75.3	77.9	98.3	82.4	81.4	78.8	160	149						
90	65.8	67.6	71.4	10.4	48.8	59.7	60.7	59.7	45.6	9.55	79.4	87.7						
95	63.5	62.7	49.7	10.4	47.7	58.8	60.3	58.8	44.6	9.53	50.8	63.1						
100	62.5	61.6	48.8	10.4	45.8	57.3	59.3	57.5	43.4	9.88	48.6	62.3						
105	61.0	59.8	46.4	10.4	42.6	55.4	58.0	55.6	41.7	10.2	47.8	57.2						
110	59.1	57.5	41.9	10.2	38.3	52.9	56.3	53.1	38.8	10.2	44.0	57.1						
115	56.8	53.9	35.3	10.0	33.8	50.0	54.1	50.2	34.3	10.2	37.3	54.5						
120	54.0	49.4	30.2	9.75	30.0	46.7	51.4	46.8	29.7	10.0	31.5	51.4						
125	50.8	46.2	26.8	3.69	26.3	43.2	48.4	43.2	26.1	9.72	28.3	48.4						
130	47.3	40.5	23.3	3.76	22.6	39.2	44.9	39.1	22.2	4.70	24.8	42.8						
135	43.3	34.7	20.1	4.06	19.0	34.8	41.1	34.7	18.7	4.90	21.4	36.6						
140	38.8	29.2	17.3	4.37	15.7	30.4	36.8	30.2	15.5	5.13	18.6	31.0						
145	34.1	24.0	15.0	4.68	12.8	26.0	32.3	25.8	12.7	5.31	16.0	26.1						
150	29.3	19.9	13.7	4.95	10.3	21.6	27.7	21.4	10.1	5.49	14.0	21.9						
155	24.4	16.1	12.4	5.23	8.07	17.4	22.5	17.2	8.01	5.67	12.8	17.9						
160	19.6	12.9	11.1	5.51	6.19	13.4	17.2	13.3	6.19	5.83	11.5	14.5						
165	15.0	10.0	9.79	5.76	4.87	9.73	13.5	9.68	4.86	5.99	10.2	11.4						
170	10.7	7.94	8.52	5.97	4.93	6.58	9.49	6.56	4.93	6.11	8.84	9.01						
175	6.92	6.04	7.22	6.14	4.95	5.13	6.27	5.08	4.97	6.23	7.47	7.18						
180	5.61	5.20	5.93	6.29	6.09	5.37	5.61	5.28	5.88	6.32	6.07	5.35						

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: