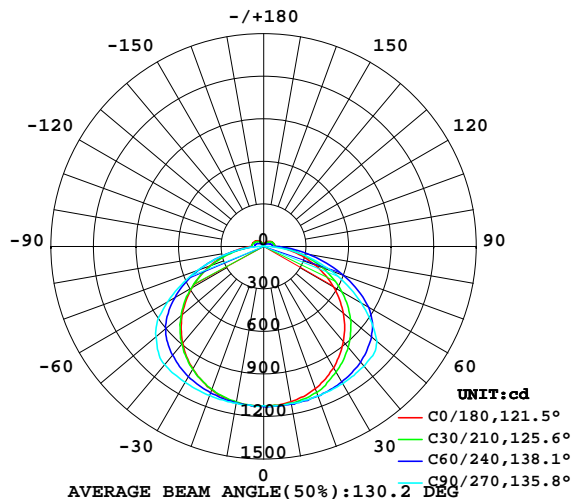


LUMINAIRE PHOTOMETRIC TEST REPORT

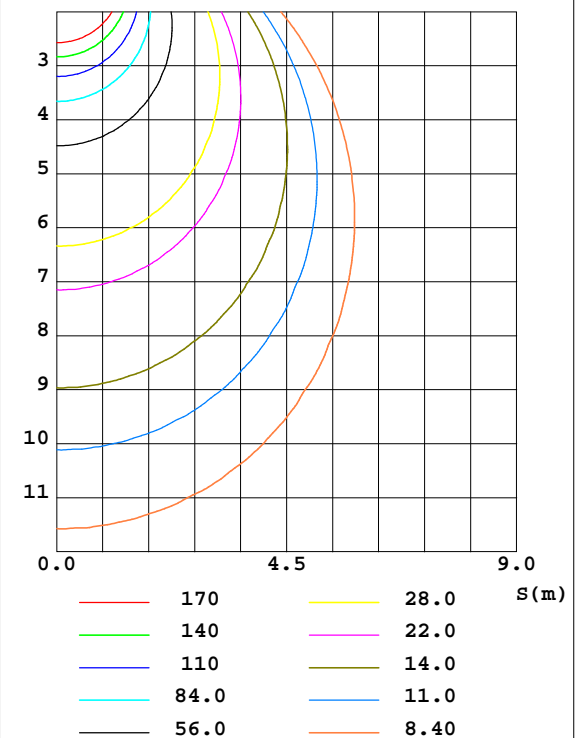
Test:U:229.7V I:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.68 lm/W			
MODEL		Imax(cd)	1134	S/MH(C0/180)	1.30
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	1.51
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4376.9	η UP,DN(C0-180)	3.2,46.5
NOMINAL FLUX(lm)	4376.86	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.3,47.0
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	1112	1126	1123	1110	1117	1116	1122	1120	0- 10	107.1	107.1	2.45,2.45
20	1068	1109	1121	1080	1075	1085	1118	1104	10- 20	313.8	420.9	9.62,9.62
30	988.0	1063	1118	1024	997.8	1031	1107	1067	20- 30	496.0	916.9	20.9,20.9
40	874.3	996.5	1102	942.1	889.2	949.6	1088	1003	30- 40	636.8	1554	35.5,35.5
50	734.3	896.2	1043	824.7	751.0	832.3	990.6	906.6	40- 50	717.5	2271	51.9,51.9
60	568.8	743.6	794.7	657.1	585.4	657.0	782.1	749.5	50- 60	705.8	2977	68,68
70	387.4	520.4	507.5	432.6	405.5	441.5	499.0	541.3	60- 70	581.0	3558	81.3,81.3
80	210.1	282.5	227.2	206.3	226.7	215.3	221.2	304.5	70- 80	375.3	3933	89.9,89.9
90	82.86	86.74	13.09	75.41	87.65	75.62	13.17	100.8	80- 90	158.6	4092	93.5,93.5
100	78.25	69.57	13.05	71.92	84.20	72.21	13.32	69.33	90-100	70.88	4163	95.1,95.1
110	73.88	62.33	12.94	64.08	80.00	65.85	13.59	63.24	100-110	64.11	4227	96.6,96.6
120	67.29	51.23	12.57	53.92	73.24	55.16	13.15	51.74	110-120	53.10	4280	97.8,97.8
130	58.71	40.38	5.128	43.39	64.21	44.36	5.585	41.65	120-130	40.09	4320	98.7,98.7
140	48.00	29.38	5.834	32.42	49.69	33.26	6.236	30.75	130-140	27.04	4347	99.3,99.3
150	36.08	21.10	6.497	22.43	39.18	23.13	6.767	22.42	140-150	16.47	4364	99.7,99.7
160	23.98	15.00	7.138	13.77	26.48	14.30	7.248	16.25	150-160	8.749	4372	99.9,99.9
170	12.86	10.25	7.599	7.857	14.45	8.121	7.705	11.27	160-170	3.582	4376	100,100
180	7.607	7.248	7.909	7.371	7.612	7.176	7.989	7.341	170-180	0.8181	4377	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

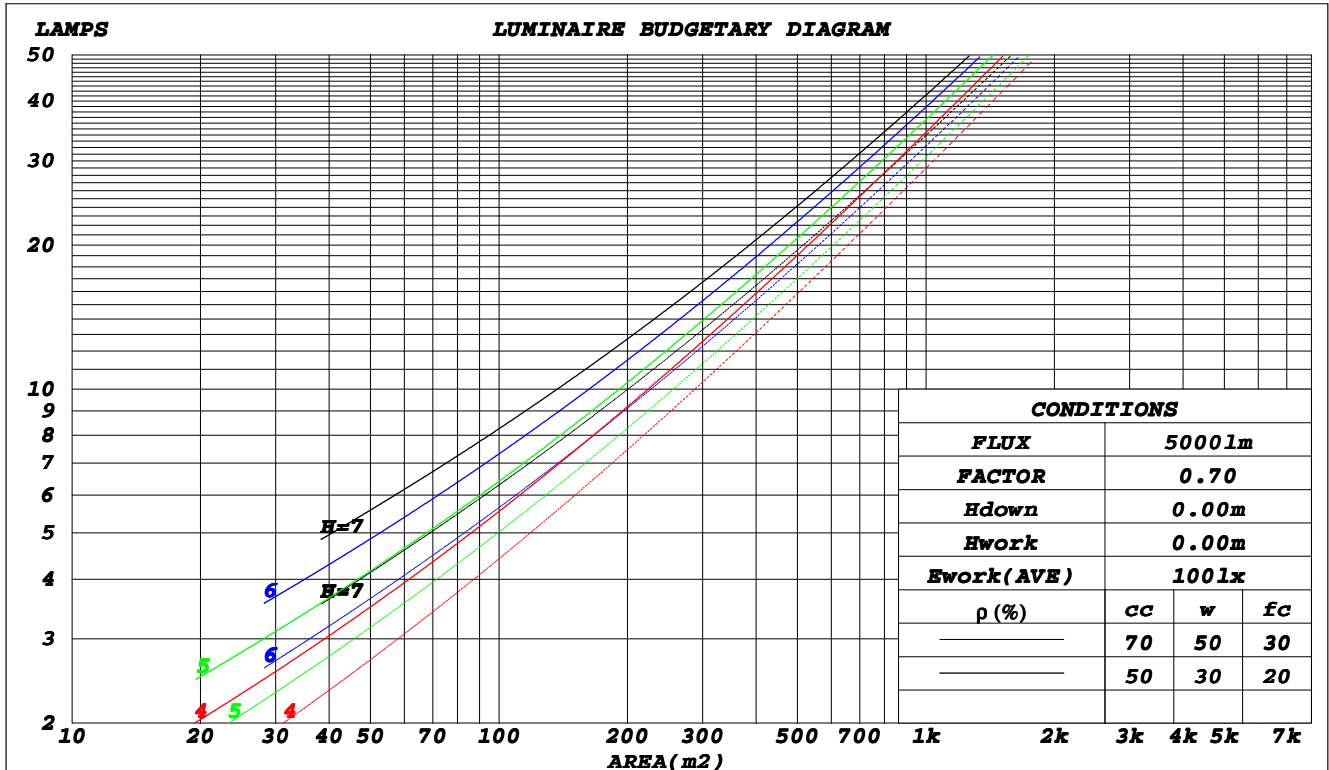
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

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:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 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	1.01	.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	.38	.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:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 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	.344	.195	.062	.335	.191	.061	.317	.182	.058	.302	.174	.056	.287	.166	.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	.122	.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	.191	.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	.174	.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	.108	.088	.076	.063	.051	.024	.020	.017	
3.0	.218	.165	.123	.187	.142	.106	.128	.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	.170	.112	.074	.147	.097	.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:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm										
NAME: LED337 W34A (3000K 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	21.0	22.6	21.4	22.9	23.2	22.9	24.4	23.3	24.7	25.1
3H	22.7	24.1	23.1	24.5	24.9	24.7	26.1	25.1	26.4	26.8
4H	23.5	24.8	23.9	25.2	25.6	25.4	26.7	25.8	27.1	27.5
6H	24.2	25.4	24.6	25.8	26.2	25.9	27.1	26.3	27.5	28.0
8H	24.4	25.6	24.9	26.1	26.5	26.1	27.3	26.5	27.7	28.1
12H	24.7	25.9	25.2	26.3	26.7	26.2	27.3	26.6	27.8	28.2
4H 2H	22.1	23.4	22.5	23.8	24.2	23.5	24.8	23.9	25.2	25.6
3H	23.9	25.1	24.4	25.5	25.9	25.6	26.7	26.0	27.1	27.6
4H	24.8	25.8	25.3	26.3	26.8	26.5	27.5	26.9	28.0	28.4
6H	25.6	26.5	26.1	27.0	27.5	27.2	28.1	27.7	28.6	29.1
8H	25.9	26.8	26.4	27.3	27.8	27.4	28.3	27.9	28.8	29.3
12H	26.3	27.1	26.8	27.6	28.1	27.6	28.4	28.1	28.9	29.5
8H 4H	25.4	26.2	25.9	26.7	27.3	26.8	27.6	27.3	28.1	28.7
6H	26.3	27.1	26.9	27.6	28.2	27.7	28.5	28.3	29.0	29.6
8H	26.8	27.5	27.4	28.0	28.6	28.2	28.8	28.7	29.4	30.0
12H	27.3	27.9	27.9	28.4	29.0	28.5	29.1	29.1	29.6	30.2
12H 4H	25.5	26.3	26.0	26.8	27.3	26.8	27.6	27.3	28.1	28.6
6H	26.5	27.2	27.1	27.7	28.3	27.8	28.5	28.4	29.0	29.6
8H	27.1	27.6	27.7	28.2	28.8	28.4	28.9	28.9	29.5	30.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 4377 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:229.7V I:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

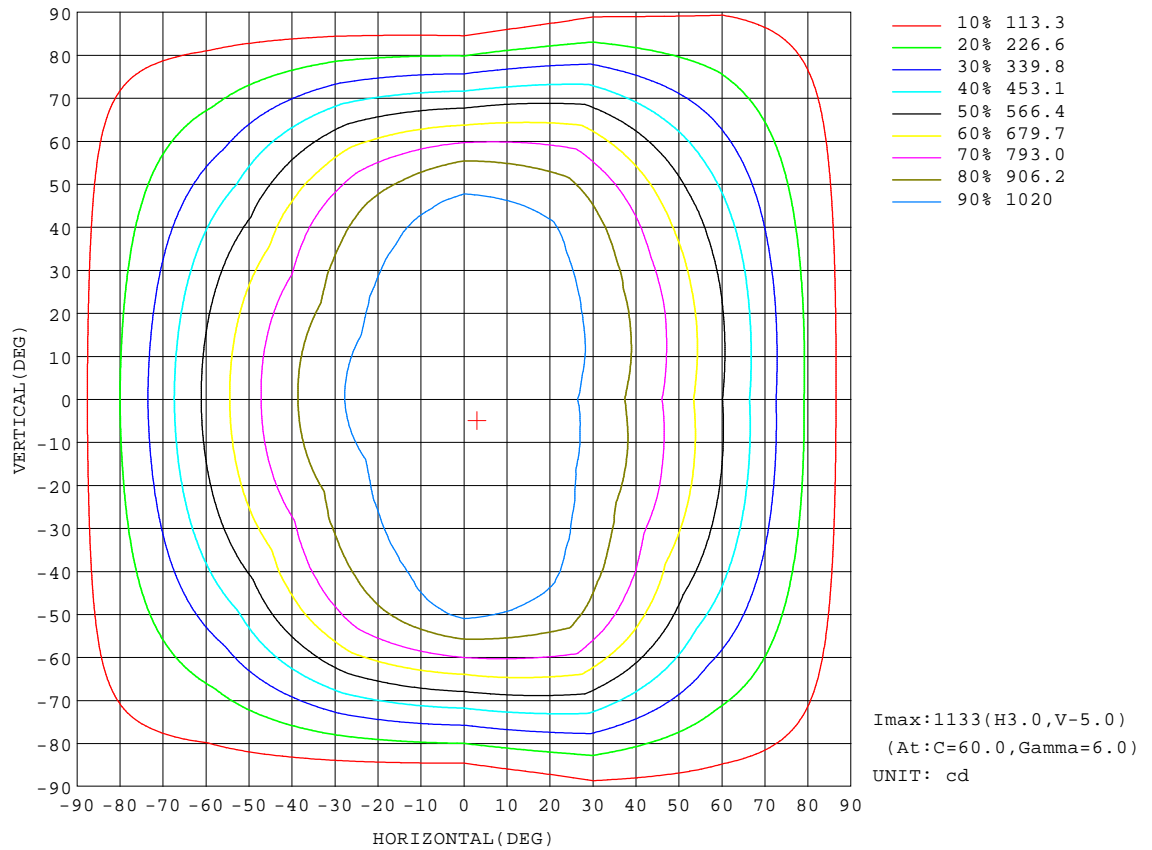
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	32	51	39	32	50	39	32	25
0.80	62	49	42	61	49	41	58	48	41	33
1.00	70	58	50	69	57	50	66	59	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	61
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:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



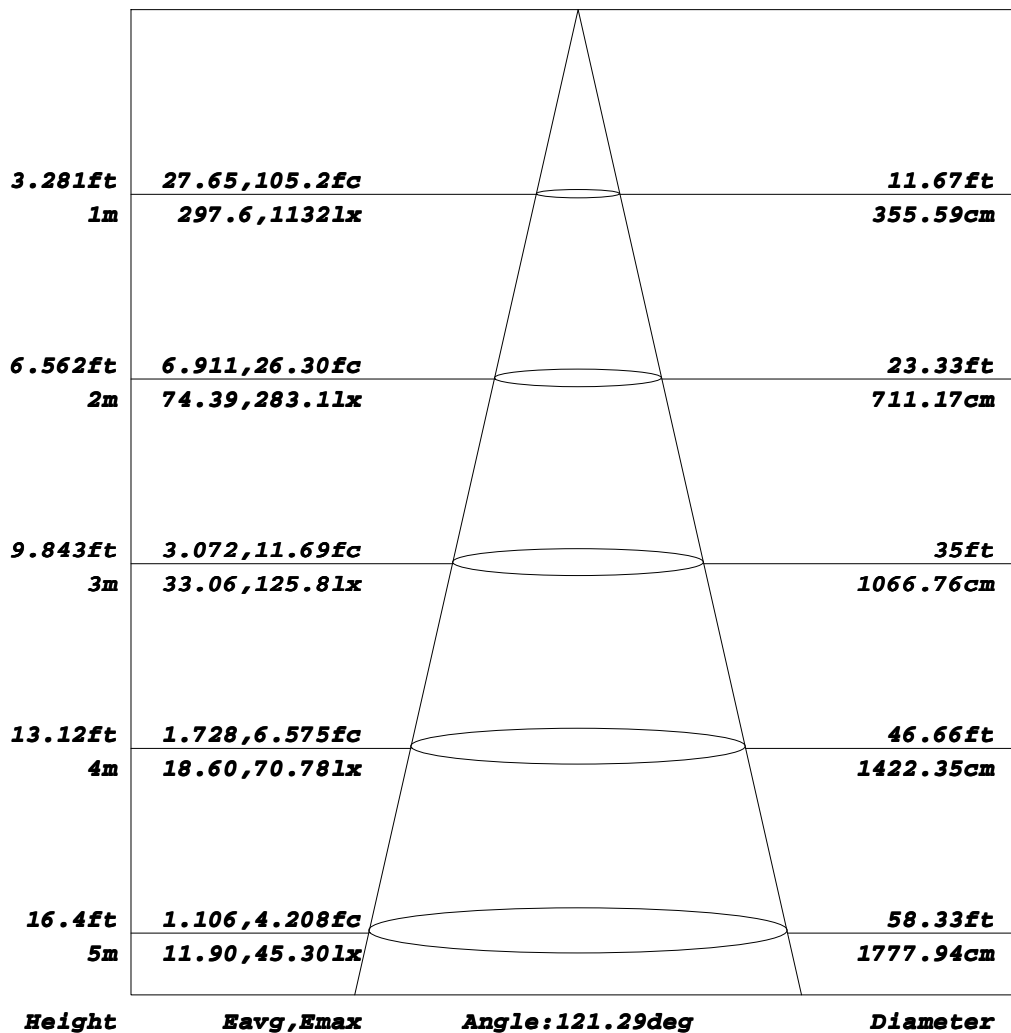
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Mr.Ma
Test Date:2023-03-23

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:229.7V I:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 40W)	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Flux out:3043 lm



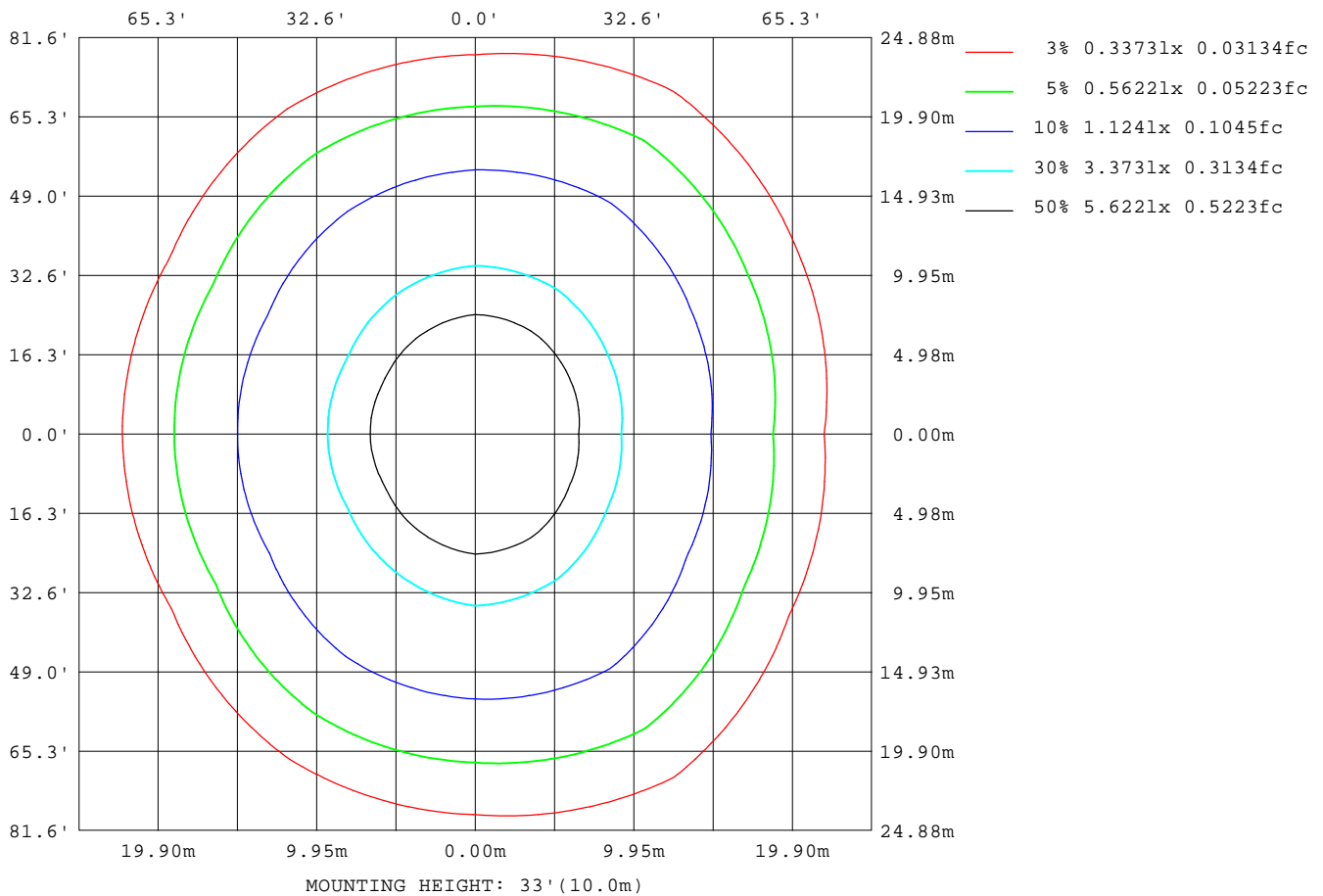
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 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:229.7V I:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 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	4376.86	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	11406	11700	12192	12882	14024	15174	16143	16401	16353	16064	15655	15094	14401	13454	12530	11761	11574	11584	11698
60	11376	11727	12297	13087	14427	15738	16776	16740	16349	15769	15458	15073	14559	13575	12575	11724	11543	11572	11708
65	11328	11770	12428	13302	14774	16175	17218	16893	16177	15325	15086	14849	14499	13512	12486	11607	11481	11570	11750
70	11328	11873	12611	13543	15087	16510	17499	16878	15840	14715	14494	14356	14141	13209	12235	11416	11411	11607	11856
75	11453	12160	13007	13994	15563	16942	17798	16808	15378	13923	13672	13610	13537	12739	11918	11261	11447	11803	12145
80	12099	13043	14048	15115	16732	18044	18684	17054	14943	12910	12609	12680	12861	12314	11779	11420	11937	12561	13056
85	15428	16925	18321	19617	21475	22735	22900	19503	15492	11843	11461	11953	12850	12874	12978	13301	14698	16061	16997

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	22900	200	---	500
Category 2	65 to 90	22900	200	---	500
Category 3	75 to 90	22900	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:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm		
NAME: LED337 W34A (3000K 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	4376.86	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	11406	11700	12192	12882	14024	15174	16143	16401	16353	16064	15655	15094	14401	13454	12530	11761	11574	11584	11698
60	11376	11727	12297	13087	14427	15738	16776	16740	16349	15769	15458	15073	14559	13575	12575	11724	11543	11572	11708
65	11328	11770	12428	13302	14774	16175	17218	16893	16177	15325	15086	14849	14499	13512	12486	11607	11481	11570	11750
70	11328	11873	12611	13543	15087	16510	17499	16878	15840	14715	14494	14356	14141	13209	12235	11416	11411	11607	11856
75	11453	12160	13007	13994	15563	16942	17798	16808	15378	13923	13672	13610	13537	12739	11918	11261	11447	11803	12145
80	12099	13043	14048	15115	16732	18044	18684	17054	14943	12910	12609	12680	12861	12314	11779	11420	11937	12561	13056
85	15428	16925	18321	19617	21475	22735	22900	19503	15492	11843	11461	11953	12850	12874	12978	13301	14698	16061	16997

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	22900	1000	1500	200	500
65 to 90	22900	1000	1500	200	500

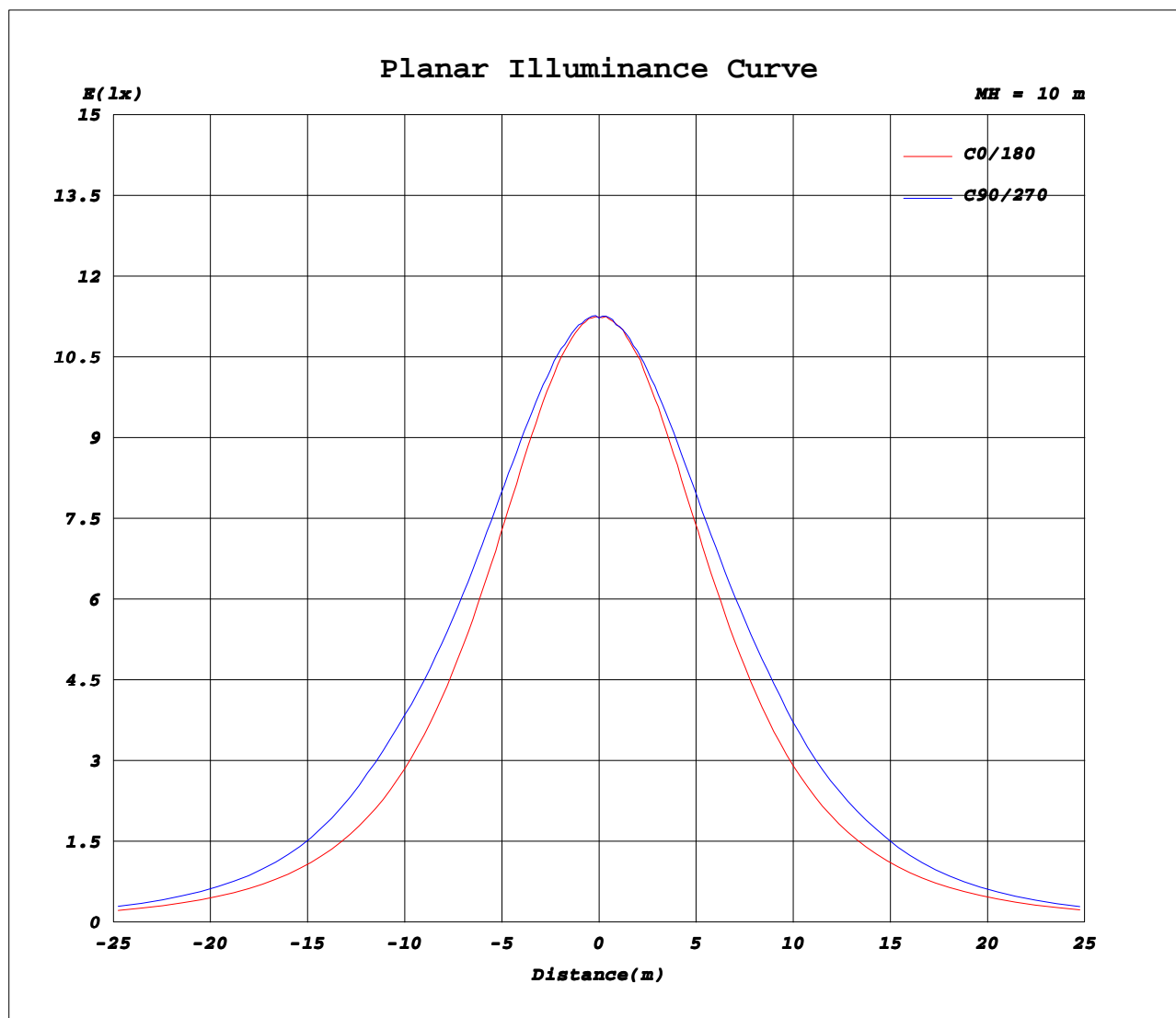
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

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:0.1700A P:38.17W PF:0.9774 Lamp Flux:4376.86x1 lm																	
NAME: LED337 W34A (3000K 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	1124	1126	1128	1123	1128	1119	1124	1126	1128	1123	1128	1119						
5	1123	1126	1129	1126	1125	1114	1125	1123	1125	1123	1127	1117						
10	1112	1124	1129	1123	1117	1103	1117	1113	1119	1122	1125	1116						
15	1095	1112	1126	1123	1111	1086	1100	1097	1110	1121	1122	1107						
20	1068	1095	1123	1121	1098	1062	1075	1072	1098	1118	1116	1092						
25	1031	1060	1114	1121	1081	1030	1041	1040	1082	1114	1108	1068						
30	988	1022	1103	1118	1057	991	998	1001	1060	1107	1095	1038						
35	936	980	1087	1111	1030	944	949	954	1035	1099	1078	1000						
40	874	929	1064	1102	997	887	889	898	1001	1088	1054	952						
45	807	867	1033	1091	953	823	823	835	958	1051	1023	898						
50	734	799	993	1043	899	750	751	762	903	991	980	833						
55	654	722	937	928	829	669	671	680	823	914	915	756						
60	569	635	852	795	733	581	585	591	723	782	825	674						
65	479	542	734	654	612	485	497	496	614	642	722	582						
70	387	442	599	508	480	385	406	396	487	499	598	485						
75	296	340	459	364	345	286	314	297	355	357	462	384						
80	210	242	323	227	218	194	227	202	228	221	326	283						
85	134	153	197	105	109	112	148	120	115	102	202	189						
90	82.9	81.9	91.6	13.1	66.8	84.0	87.7	85.3	66.0	13.2	93.7	108						
95	79.6	78.8	63.3	13.0	65.3	82.8	85.4	84.2	64.7	13.1	61.9	79.2						
100	78.3	77.2	61.9	13.0	63.1	80.7	84.2	81.4	63.0	13.3	60.6	78.0						
105	76.3	74.9	58.7	13.1	59.3	77.9	82.4	78.8	60.4	13.5	60.6	71.3						
110	73.9	71.9	52.7	12.9	53.7	74.5	80.0	75.5	56.2	13.6	55.2	71.3						
115	70.9	68.3	44.8	12.8	47.3	70.4	76.9	71.5	49.8	13.5	46.5	68.4						
120	67.3	64.0	38.5	12.6	42.1	65.8	73.2	66.8	43.5	13.2	39.3	64.2						
125	63.2	57.5	34.1	5.63	36.9	60.7	69.0	61.8	38.2	12.7	35.2	60.3						
130	58.7	51.1	29.6	5.13	31.8	55.0	64.2	56.1	32.6	5.58	30.6	52.7						
135	53.6	43.9	25.5	5.48	26.7	49.0	57.9	49.9	27.5	5.92	26.5	45.3						
140	48.0	36.8	22.0	5.83	22.1	42.7	49.7	43.6	22.9	6.24	22.9	38.6						
145	42.1	30.3	19.0	6.17	18.1	36.5	45.0	37.3	18.8	6.52	19.8	32.4						
150	36.1	24.9	17.3	6.50	14.5	30.4	39.2	31.2	15.1	6.77	17.5	27.3						
155	30.0	20.2	15.6	6.81	11.4	24.4	33.0	25.2	12.0	7.04	15.9	22.4						
160	24.0	16.1	13.9	7.14	8.74	18.8	26.5	19.4	9.19	7.25	14.3	18.2						
165	18.1	12.5	12.3	7.37	6.64	13.6	20.2	14.2	7.03	7.47	12.7	14.4						
170	12.9	9.86	10.6	7.60	6.57	9.14	14.5	9.65	6.59	7.70	11.1	11.4						
175	8.33	7.59	9.04	7.81	6.60	6.83	9.29	6.82	6.63	7.85	9.38	9.14						
180	7.61	7.05	7.45	7.91	7.71	7.03	7.61	6.99	7.36	7.99	7.68	7.00						

C Range: 0 - 360DEG
C Interval: 30.0DEG
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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: