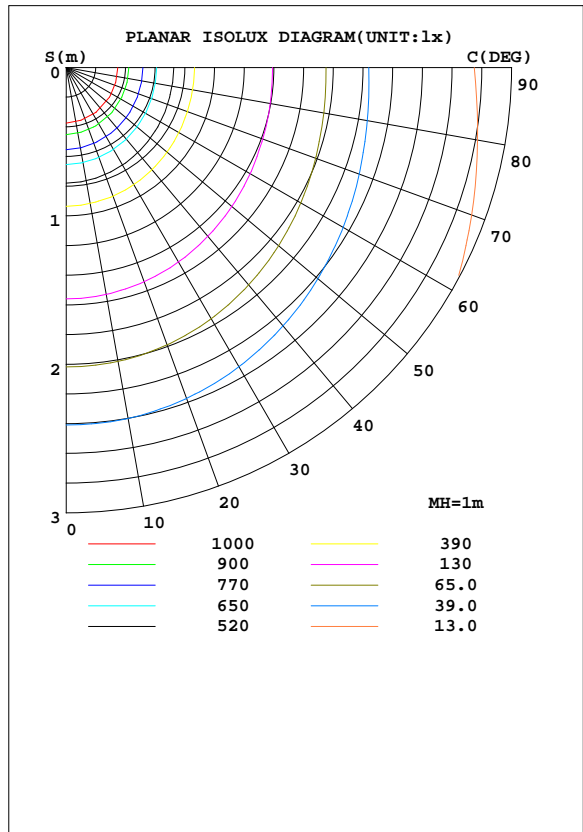
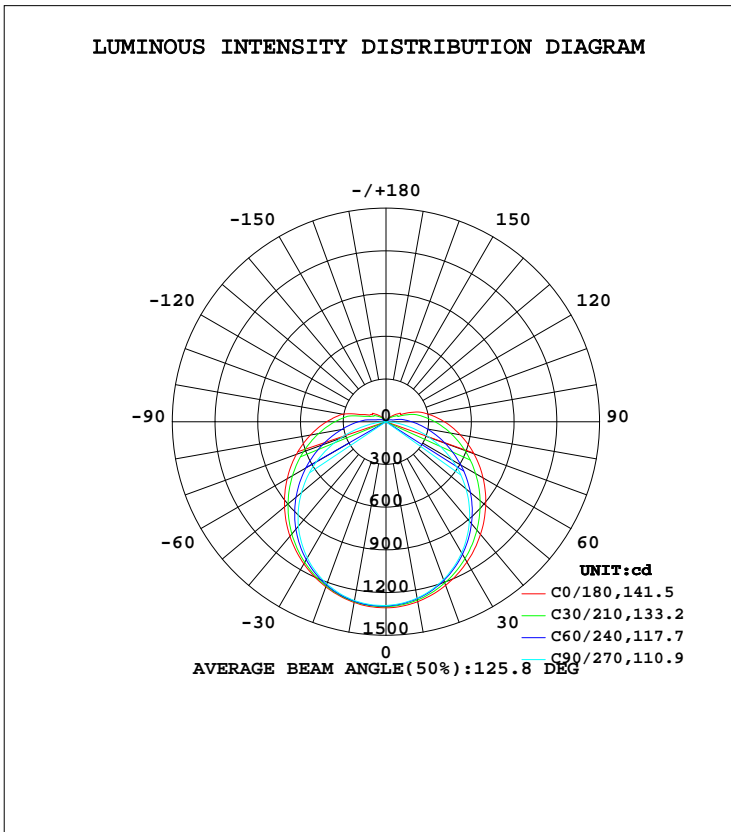


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.1700A P:38.00W PF:0.9100 Lamp Flux:4893.69x1 lm		
NAME: LED BATTEN LIGHT-40W-ROUND	TYPE:40W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:0.06*01.15	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.78 lm/W			
MODEL		Imax(cd)	1307	S/MH(C0/180)	1.32
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4893.7	η UP, DN(C0-180)	5.0,44.4
NOMINAL FLUX(lm)	4893.69	CIE CLASS	DIRECT	η UP, DN(C180-360)	4.9,45.6
LAMPS INSIDE	1	η up(%)	9.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	90.1	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:27 December 2021

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:7.640m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1283	1267	1257	1260	1289	1281	1275	1267	0- 10	122.4	122.4	2.5,2.5
20	1223	1196	1180	1193	1235	1224	1212	1205	10- 20	351.2	473.6	9.68,9.68
30	1138	1092	1063	1091	1153	1130	1105	1106	20- 30	535.6	1009	20.6,20.6
40	1033	963.9	912.1	961.4	1050	1007	957.4	977.4	30- 40	655.8	1665	34,34
50	914.4	818.6	734.0	813.6	930.5	861.4	775.5	827.7	40- 50	701.9	2367	48.4,48.4
60	787.4	666.1	535.0	656.9	801.2	704.6	566.1	666.1	50- 60	674.8	3042	62.2,62.2
70	657.3	516.0	324.3	500.7	669.3	545.9	339.4	504.6	60- 70	586.0	3628	74.1,74.1
80	529.4	377.7	126.2	357.8	538.9	399.1	124.4	356.4	70- 80	457.2	4085	83.5,83.5
90	410.1	262.5	10.67	241.6	417.5	276.6	7.887	237.5	80- 90	322.0	4407	90.1,90.1
100	304.8	174.5	5.619	130.3	309.1	161.9	4.340	147.3	90-100	215.6	4622	94.5,94.5
110	195.9	90.41	7.731	64.73	147.3	79.20	6.269	75.95	100-110	119.8	4742	96.9,96.9
120	119.8	55.31	9.970	48.51	109.8	56.36	8.229	46.02	110-120	64.13	4806	98.2,98.2
130	75.05	35.03	11.92	30.96	74.85	34.00	10.16	28.14	120-130	40.84	4847	99,99
140	40.67	22.26	13.29	20.24	40.34	20.68	11.69	18.11	130-140	22.21	4869	99.5,99.5
150	19.17	15.90	14.44	15.68	19.28	14.84	13.01	14.11	140-150	11.58	4881	99.7,99.7
160	14.86	15.25	15.16	15.22	15.10	14.50	14.20	14.27	150-160	6.946	4888	99.9,99.9
170	15.14	15.52	15.77	15.66	15.50	15.43	15.18	15.20	160-170	4.283	4892	100,100
180	15.97	15.86	15.89	15.80	16.06	15.85	15.87	15.80	170-180	1.491	4894	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2014.8 lm

%lum = 41.2%

%lamp = 41.2%

Conical surface Flux(120deg): 3041.5 lm

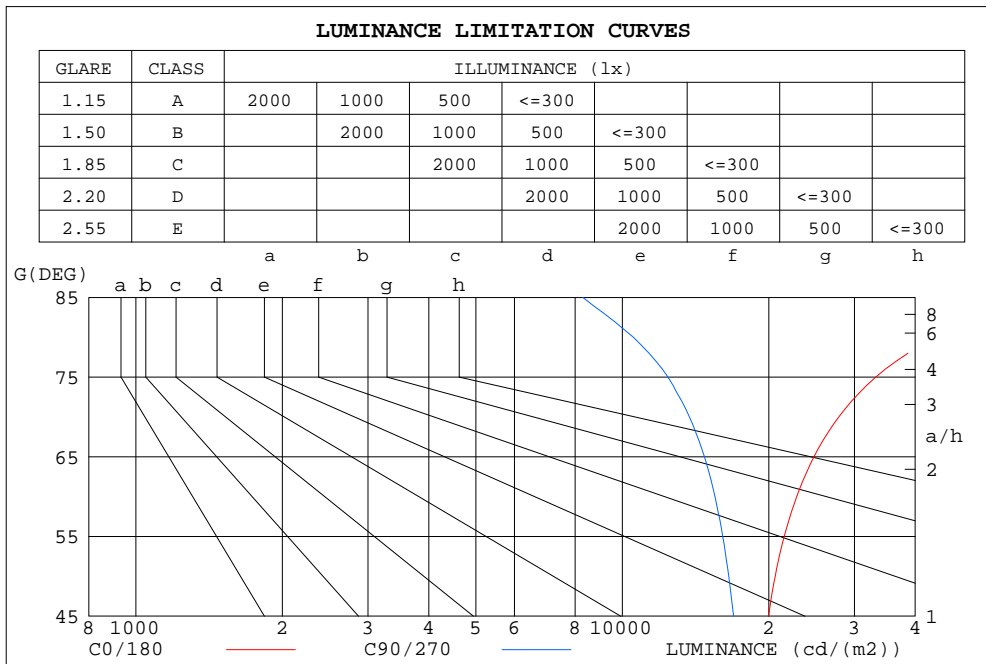
%lum = 62.2%

%lamp = 62.2%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:27 December 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:7.640m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES



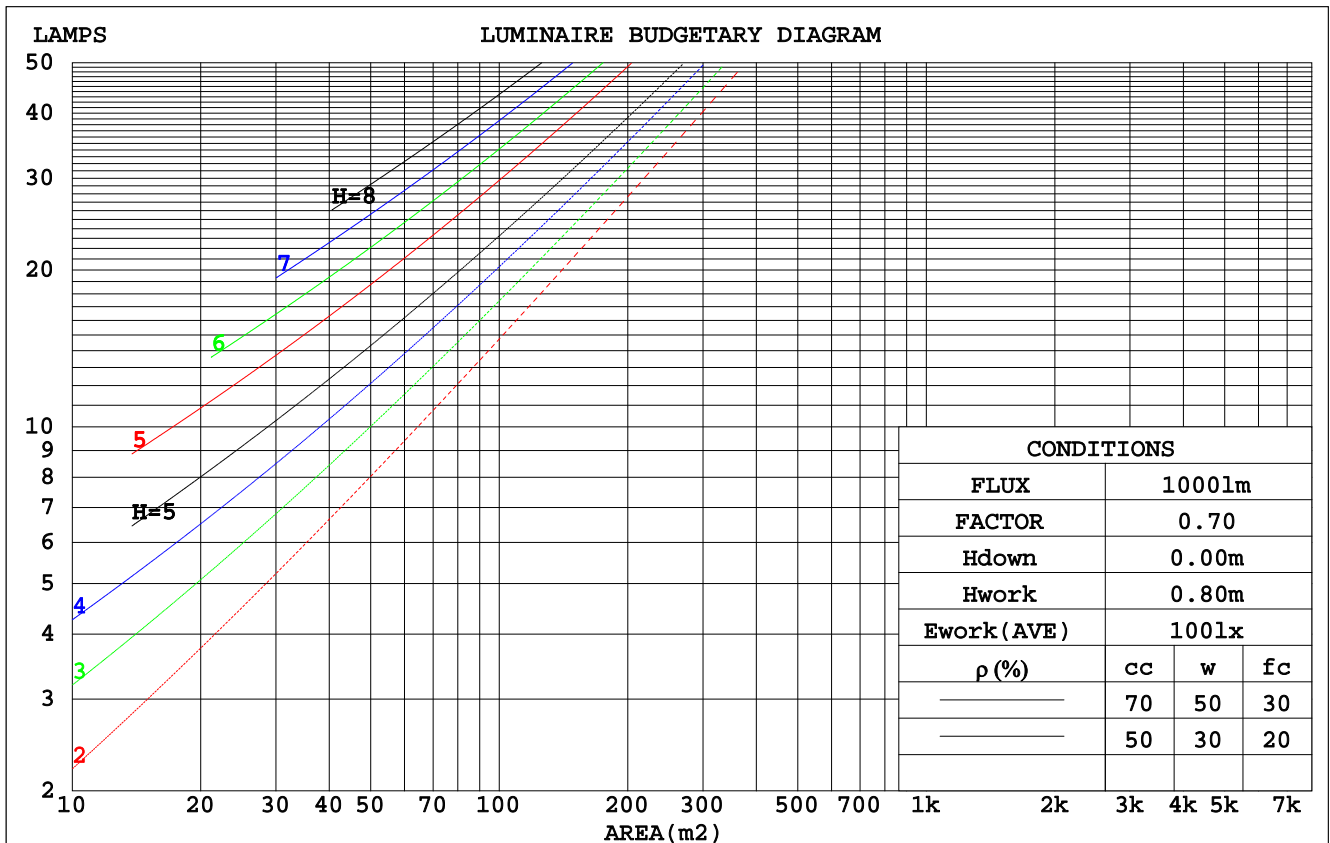
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	77858	8291
80	44180	10536
75	33177	12414
70	27853	13743
65	24771	14755
60	22823	15506
55	21517	16086
50	20617	16549
45	19978	16935

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 27 December 2021

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 7.640m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.99	.99	.99	.93	.93	.93	.90
1.0	.98	.93	.88	.95	.90	.86	.89	.85	.81	.83	.80	.77	.78	.75	.73	.70
2.0	.84	.77	.70	.81	.74	.68	.76	.70	.65	.71	.67	.62	.67	.63	.59	.57
3.0	.73	.64	.57	.71	.63	.56	.66	.60	.54	.62	.56	.52	.58	.54	.49	.47
4.0	.65	.55	.48	.63	.54	.47	.59	.51	.45	.55	.49	.44	.52	.46	.42	.39
5.0	.57	.48	.41	.56	.47	.40	.52	.45	.39	.49	.43	.37	.46	.41	.36	.34
6.0	.51	.42	.35	.50	.41	.35	.47	.39	.34	.44	.38	.33	.42	.36	.32	.29
7.0	.47	.37	.31	.45	.37	.31	.43	.35	.30	.40	.34	.29	.38	.32	.28	.26
8.0	.42	.34	.28	.41	.33	.27	.39	.32	.26	.37	.30	.26	.35	.29	.25	.23
9.0	.39	.30	.25	.38	.30	.24	.36	.29	.24	.34	.28	.23	.32	.27	.22	.20
10.0	.36	.28	.22	.35	.27	.22	.33	.26	.21	.32	.25	.21	.30	.24	.20	.18



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 27 December 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 7.640m [K=1.0000]  
 Remarks:

WEC AND CCEC

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.373	.212	.067	.363	.207	.066	.344	.197	.063	.326	.188	.060	.310	.180	.058	
2.0	.328	.180	.055	.319	.175	.054	.301	.168	.052	.285	.160	.050	.271	.153	.048	
3.0	.293	.156	.047	.285	.153	.046	.269	.146	.044	.255	.140	.043	.242	.134	.041	
4.0	.265	.138	.040	.258	.135	.040	.244	.129	.039	.231	.124	.037	.219	.119	.036	
5.0	.242	.123	.036	.235	.121	.035	.222	.116	.034	.211	.111	.033	.200	.107	.032	
6.0	.222	.111	.032	.216	.109	.031	.204	.105	.030	.194	.101	.030	.184	.097	.029	
7.0	.205	.101	.029	.199	.099	.028	.189	.096	.028	.179	.092	.027	.170	.089	.026	
8.0	.190	.093	.026	.185	.091	.026	.176	.088	.025	.167	.085	.024	.159	.081	.024	
9.0	.178	.086	.024	.173	.084	.024	.164	.081	.023	.156	.078	.022	.149	.075	.022	
10.0	.166	.080	.022	.162	.078	.022	.154	.076	.021	.147	.073	.021	.140	.070	.020	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.266	.266	.266	.228	.228	.228	.155	.155	.155	.089	.089	.089	.029	.029	.029	
1.0	.261	.232	.206	.223	.199	.177	.153	.137	.122	.088	.079	.071	.028	.026	.023	
2.0	.254	.209	.171	.218	.180	.147	.149	.124	.103	.086	.072	.060	.028	.023	.020	
3.0	.246	.192	.148	.211	.165	.129	.145	.115	.090	.084	.067	.053	.027	.022	.017	
4.0	.238	.179	.134	.205	.155	.116	.141	.108	.082	.081	.063	.048	.026	.021	.016	
5.0	.231	.169	.123	.198	.146	.107	.136	.102	.076	.079	.060	.045	.025	.020	.015	
6.0	.223	.161	.116	.192	.139	.101	.132	.098	.072	.077	.057	.043	.025	.019	.014	
7.0	.216	.154	.111	.186	.134	.097	.128	.094	.068	.075	.055	.041	.024	.018	.013	
8.0	.209	.148	.107	.180	.129	.093	.125	.090	.066	.073	.053	.039	.023	.017	.013	
9.0	.203	.144	.103	.175	.125	.090	.121	.088	.064	.071	.052	.038	.023	.017	.013	
10.0	.197	.139	.101	.170	.121	.088	.118	.085	.063	.069	.050	.037	.022	.017	.012	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:27 December 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:7.640m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

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	23.1	24.6	23.5	24.9	25.3	21.6	23.1	22.0	23.4	23.8
3H	25.6	26.9	26.0	27.3	27.8	23.1	24.5	23.6	24.9	25.3
4H	26.9	28.2	27.4	28.6	29.1	23.7	25.0	24.2	25.5	25.9
6H	28.4	29.6	28.8	30.0	30.5	24.2	25.4	24.6	25.8	26.3
8H	29.2	30.4	29.7	30.8	31.3	24.3	25.5	24.8	25.9	26.4
12H	30.1	31.3	30.6	31.7	32.2	24.4	25.5	24.9	26.0	26.5
4H 2H	23.7	25.0	24.1	25.4	25.9	22.5	23.8	23.0	24.3	24.7
3H	26.4	27.5	26.9	28.0	28.5	24.3	25.5	24.8	25.9	26.5
4H	27.9	28.9	28.4	29.4	30.0	25.1	26.2	25.7	26.7	27.2
6H	29.6	30.5	30.1	31.1	31.6	25.8	26.7	26.3	27.2	27.8
8H	30.5	31.4	31.1	31.9	32.5	26.0	26.9	26.6	27.4	28.0
12H	31.6	32.4	32.2	33.0	33.6	26.2	27.0	26.7	27.5	28.1
8H 4H	28.2	29.1	28.8	29.7	30.3	26.0	26.9	26.6	27.4	28.0
6H	30.2	31.0	30.8	31.5	32.2	27.0	27.7	27.6	28.3	28.9
8H	31.4	32.0	32.0	32.6	33.3	27.4	28.1	28.0	28.7	29.3
12H	32.7	33.3	33.3	33.9	34.6	27.8	28.3	28.4	29.0	29.7
12H 4H	28.3	29.1	28.8	29.6	30.3	26.3	27.1	26.8	27.6	28.3
6H	30.3	31.0	31.0	31.6	32.3	27.4	28.1	28.1	28.7	29.4
8H	31.6	32.2	32.2	32.8	33.5	28.0	28.6	28.7	29.2	29.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 4894 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:27 December 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:7.640m [K=1.0000]  
Remarks:

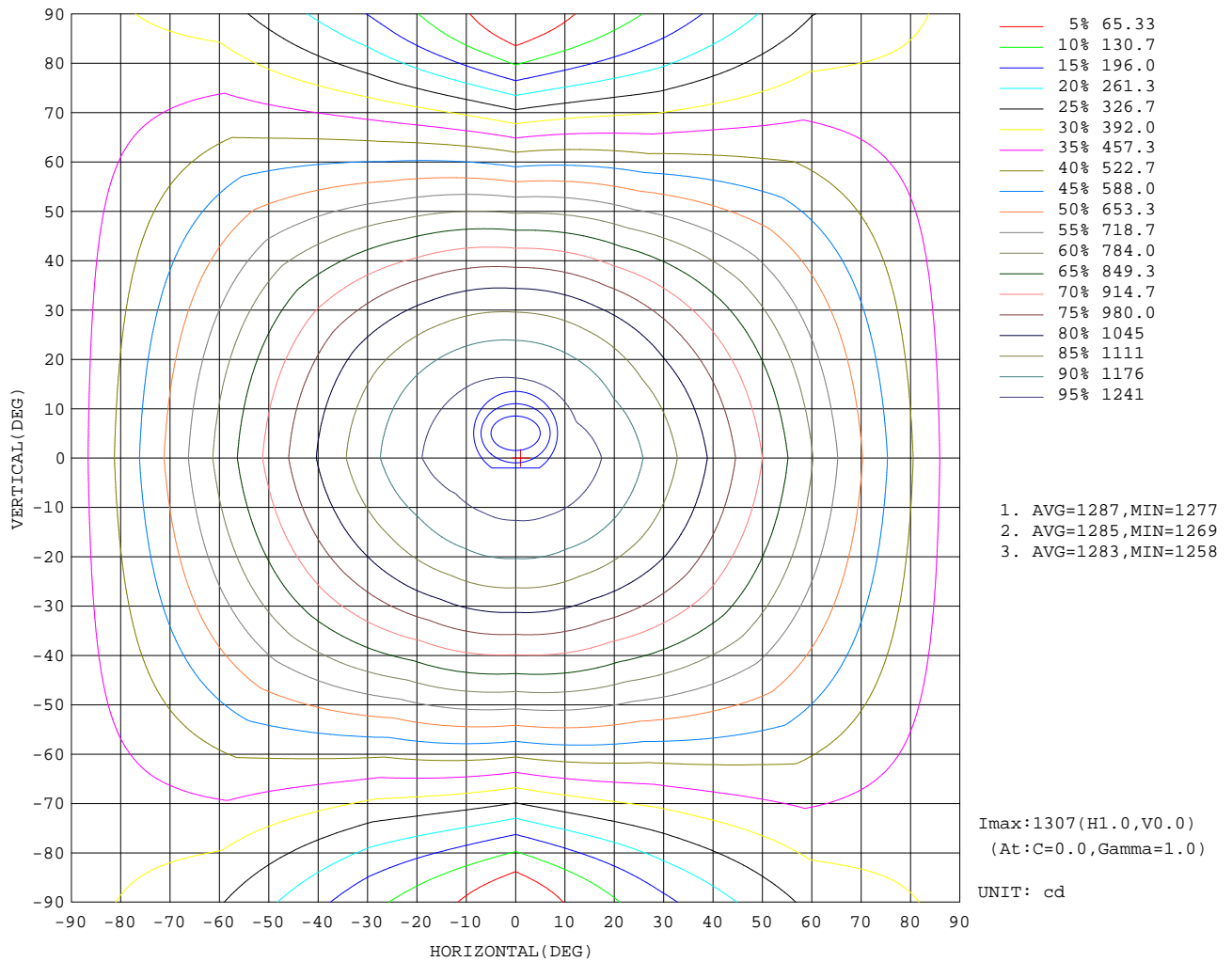
## UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	51	39	32	50	39	31	49	38	31	25
0.80	60	48	40	59	47	40	57	46	39	32
1.00	68	56	48	67	55	47	64	56	47	38
1.25	75	63	55	73	62	54	70	60	53	45
1.50	80	69	61	78	67	60	74	65	58	49
2.00	87	77	69	85	75	68	80	72	66	56
2.50	92	82	75	89	80	73	84	77	71	60
3.00	95	87	80	93	85	78	87	81	75	64
4.00	100	93	86	97	90	84	91	85	81	69
5.00	103	96	91	99	94	89	93	89	85	72
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:  
 Test Date: 27 December 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 7.640m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

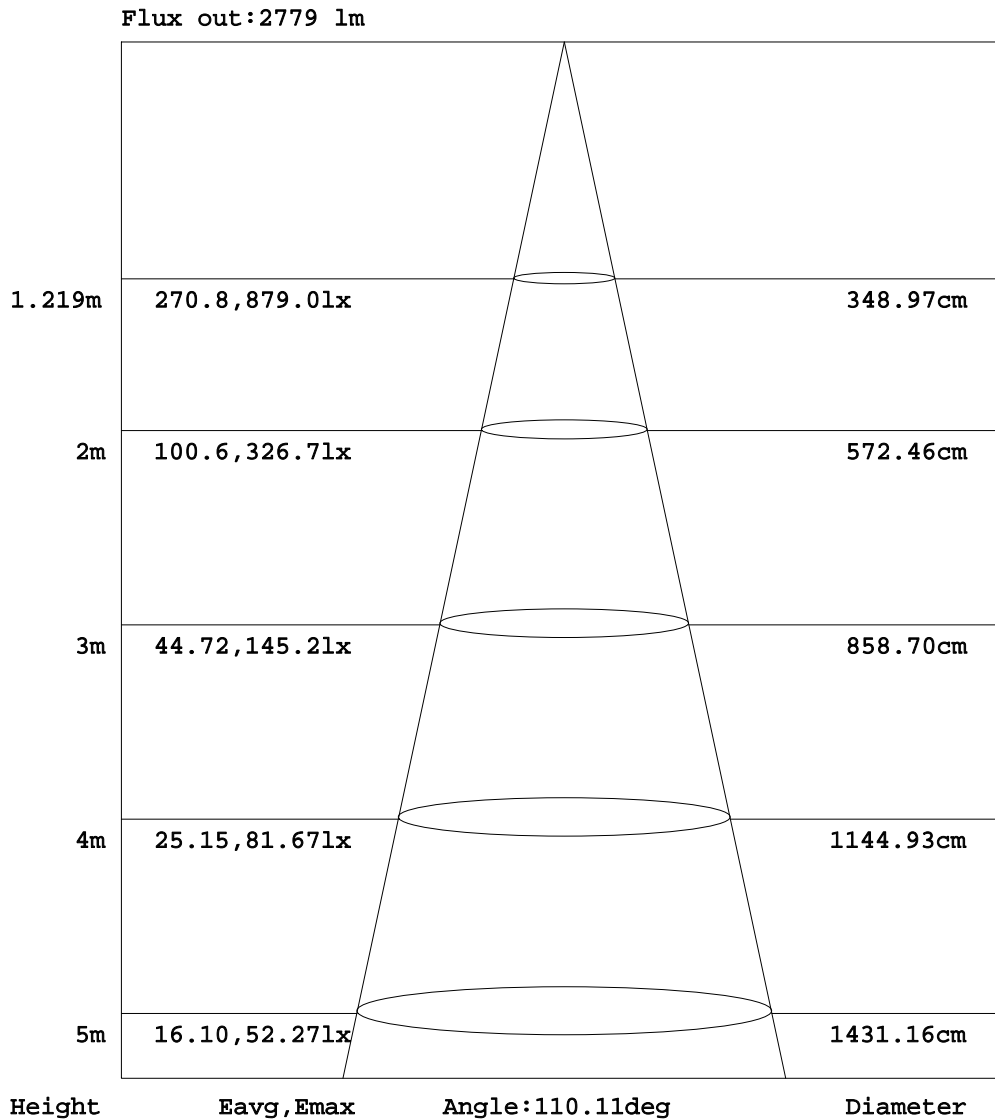


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:27 December 2021

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:7.640m [K=1.0000]  
 Remarks:



AAI Figure

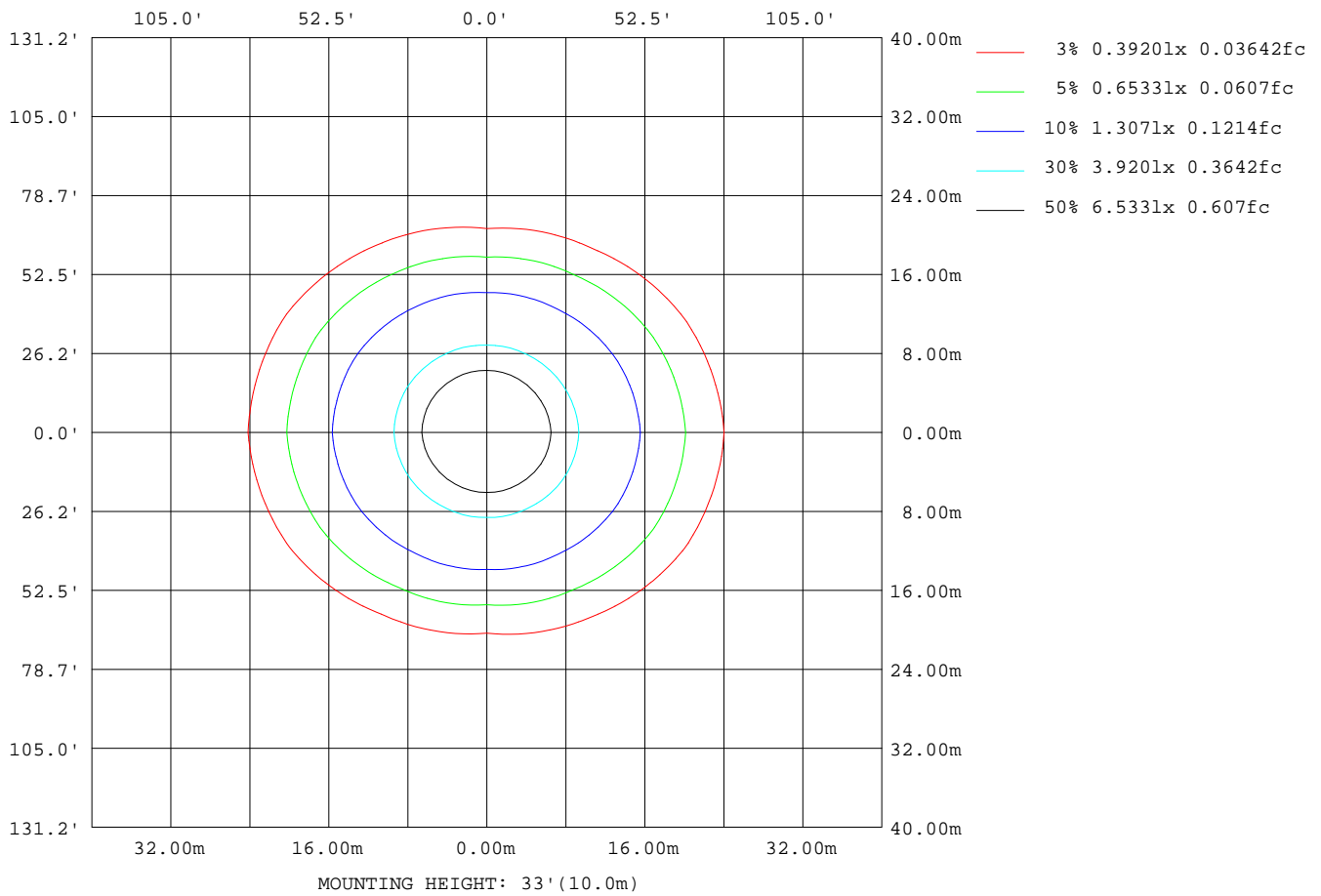


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 27 December 2021

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 7.640m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 27 December 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 7.640m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:230.0V I:0.1700A P:38.00W PF:0.9100 Lamp Flux:4893.69x1 lm		
NAME: LED BATTEN LIGHT-40W-ROUND	TYPE:40W	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:0.06*01.15	Shielding Angle:

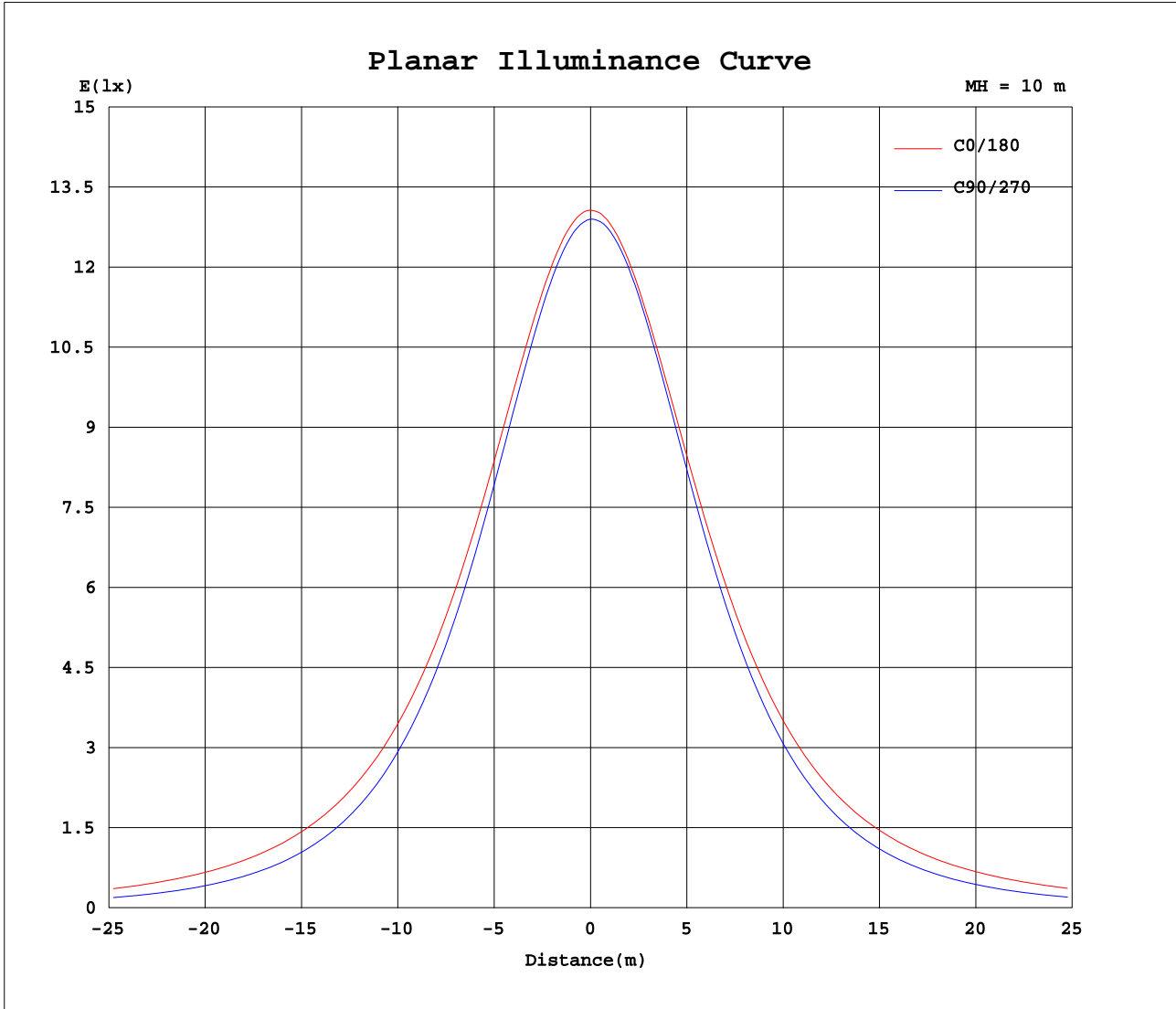
AvgL	cd/m2
L_0~180(65)av	24997
L_0~180(75)av	33486
L_0~180(85)av	78559
L_90~270(65)av	15156
L_90~270(75)av	12573
L_90~270(85)av	7904
L_45(65)av	20414
L_45(75)av	24987
L_45(85)av	52551

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:27 December 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:7.640m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 27 December 2021

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 7.640m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

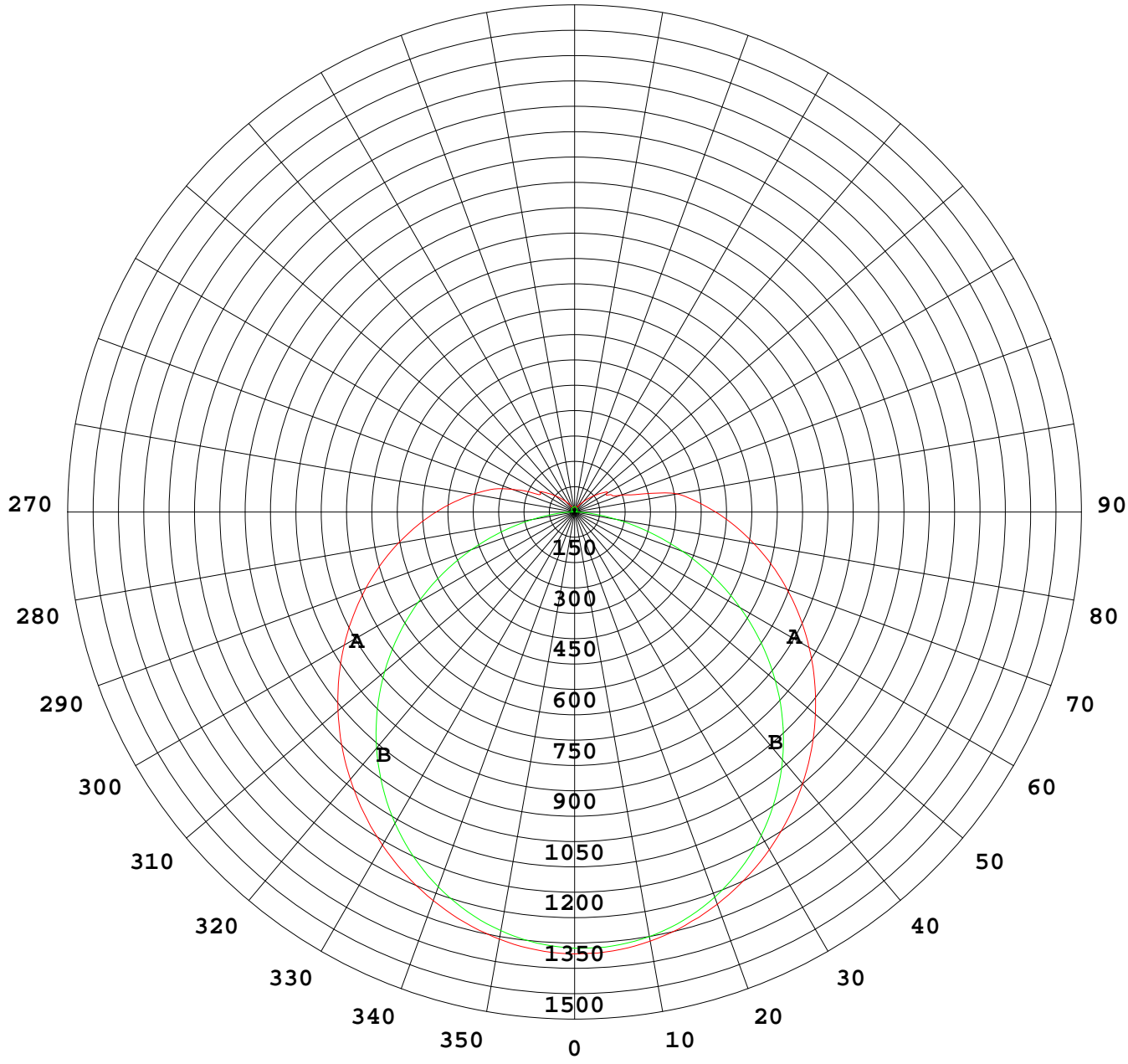
UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1307	1299	1294	1290	1288	1284	1307	1299	1294	1290	1288	1284							
5	1300	1290	1283	1280	1279	1278	1303	1296	1293	1288	1284	1279							
10	1283	1272	1262	1257	1258	1262	1289	1283	1280	1275	1270	1263							
15	1257	1243	1230	1224	1227	1236	1265	1260	1256	1249	1245	1237							
20	1223	1205	1186	1180	1185	1201	1235	1228	1220	1212	1208	1202							
25	1183	1161	1135	1126	1133	1158	1196	1188	1175	1164	1160	1159							
30	1138	1110	1075	1063	1074	1108	1153	1141	1119	1105	1103	1110							
35	1087	1054	1007	991	1006	1052	1104	1087	1056	1036	1037	1054							
40	1033	994	934	912	932	991	1050	1028	985	957	962	993							
45	975	929	857	826	852	927	992	965	907	870	882	928							
50	914	863	774	734	768	859	930	898	824	775	796	859							
55	852	795	691	637	681	790	867	829	738	674	706	790							
60	787	726	606	535	593	721	801	759	650	566	614	718							
65	722	658	523	430	505	650	736	687	562	454	522	647							
70	657	590	442	324	420	581	669	617	475	339	432	577							
75	592	524	365	222	339	514	604	547	393	227	348	508							
80	529	460	295	126	266	449	539	481	317	124	270	442							
85	468	400	233	49.9	203	389	477	417	250	45.2	205	381							
90	410	344	181	10.7	151	333	417	359	195	7.89	151	324							
95	356	293	138	4.79	103	282	362	305	147	3.71	109	273							
100	305	246	102	5.62	46.1	214	309	242	81.8	4.34	68.1	226							
105	257	203	52.0	6.62	36.5	130	208	150	56.9	5.23	39.8	181							
110	196	138	42.4	7.73	30.6	98.8	147	113	45.5	6.27	31.0	121							
115	130	91.6	33.9	8.86	23.3	90.0	121	93.2	35.2	7.24	23.4	83.8							
120	120	84.0	26.6	9.97	18.8	78.2	110	85.9	26.9	8.23	18.2	73.8							
125	97.4	67.0	21.7	11.0	14.8	61.8	97.6	67.2	20.7	9.19	14.9	57.3							
130	75.0	52.3	17.7	11.9	14.1	47.8	74.8	52.3	15.7	10.2	12.6	43.7							
135	55.8	40.0	15.5	12.7	13.7	36.4	55.7	38.8	14.0	11.0	12.1	33.0							
140	40.7	30.1	14.4	13.3	13.8	26.6	40.3	28.2	13.2	11.7	12.3	24.0							
145	28.7	20.4	14.3	13.9	14.2	19.4	28.5	19.3	13.0	12.3	12.7	17.2							
150	19.2	17.1	14.7	14.4	14.5	16.8	19.3	16.3	13.4	13.0	13.3	14.9							
155	16.1	15.6	14.8	14.8	14.8	15.6	16.2	14.9	13.8	13.6	13.9	14.2							
160	14.9	15.4	15.1	15.2	15.2	15.3	15.1	14.7	14.2	14.2	14.2	14.4							
165	14.9	15.3	15.6	15.5	15.5	15.5	15.2	15.0	14.9	15.0	14.8	14.7							
170	15.1	15.4	15.6	15.8	15.6	15.7	15.5	15.6	15.3	15.2	15.2	15.2							
175	15.7	15.7	15.8	15.8	15.8	15.8	15.9	15.9	15.8	15.6	15.6	15.5							
180	16.0	15.9	15.9	15.9	15.8	15.8	16.1	15.8	15.9	15.9	15.9	15.7							

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 27 December 2021

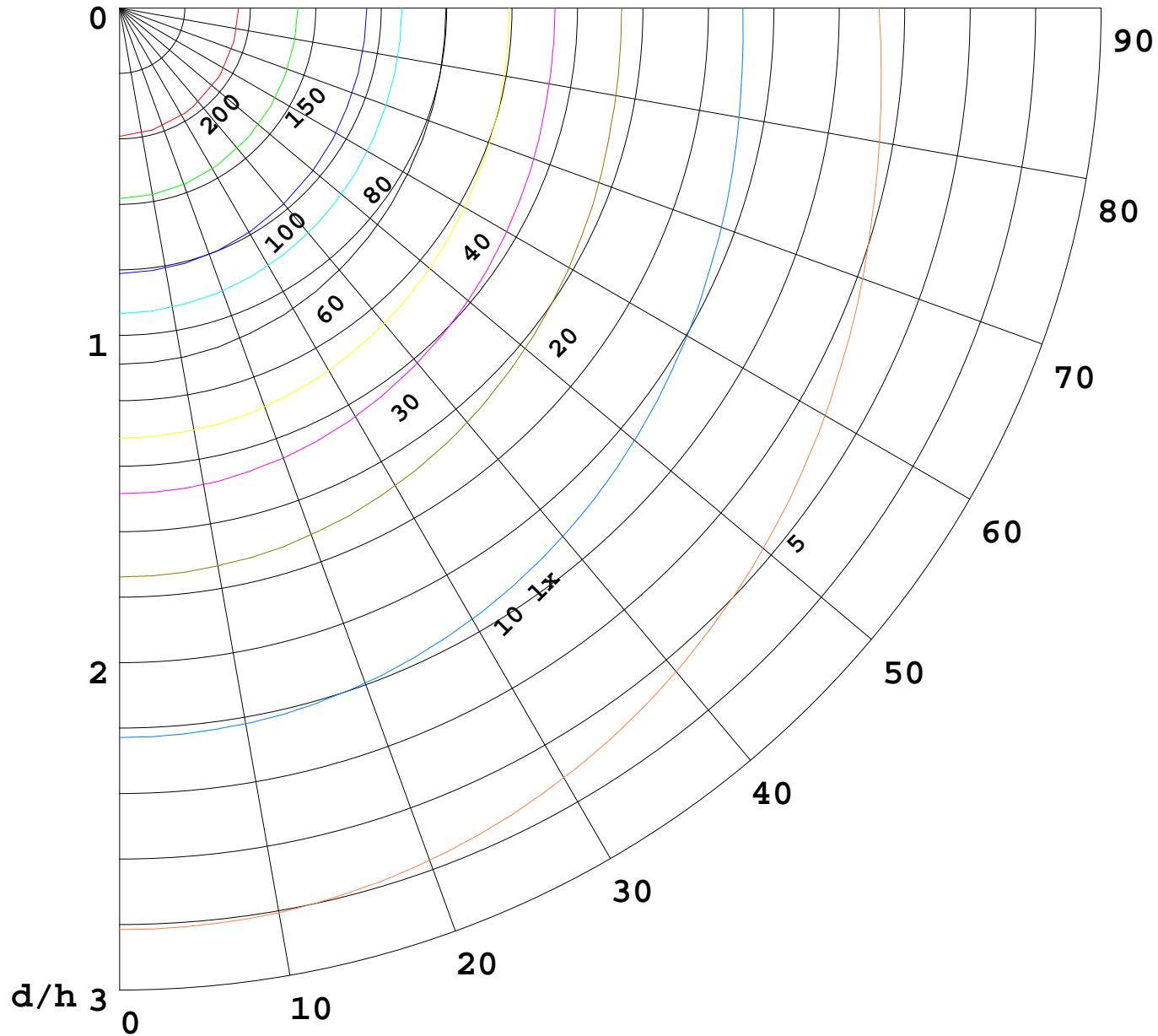
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity: 65.0%  
 Test Distance: 7.640m [K=1.0000]  
 Remarks:

I(cd)



1000 lm

$K = 1$



**F** = 1000 lm  
**K** = 0.7  
**Hcc** = 0.8 m  
**Hfc** = 0.0 m  
**Eave** = 100 lx

	<b>Pcc</b>	<b>Pw</b>	<b>Pfc</b>
—————	70	50	30
—————	50	30	20

