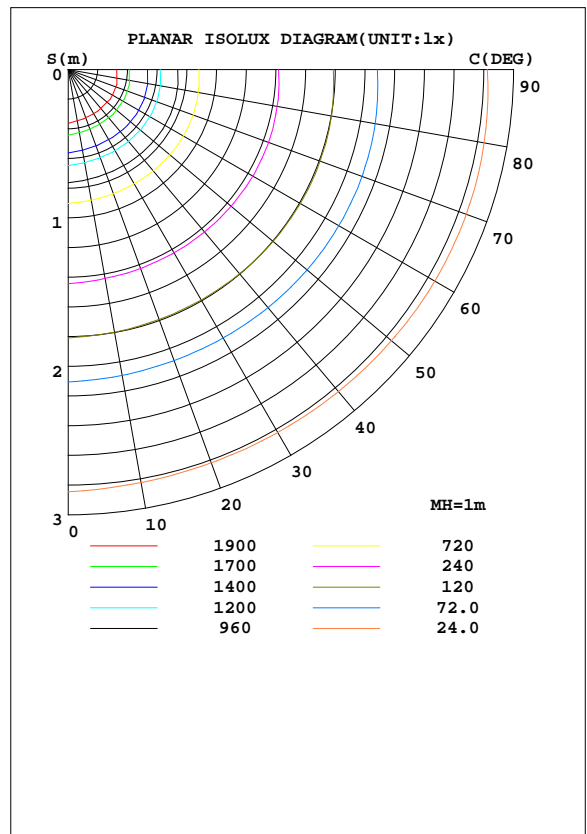
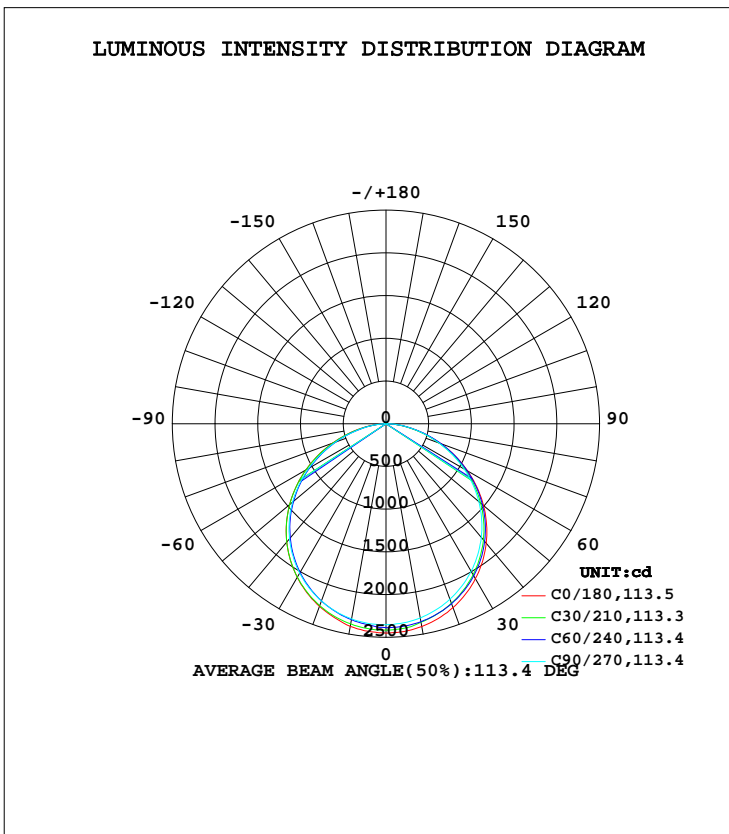


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.2910A P:66.20W PF:0.9800 Lamp Flux:6933.75x1 lm		
NAME: 吸顶灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:0.36*0.36*3.14	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.74 lm/W			
MODEL		I <sub>max</sub> (cd)	2450	S/MH(C0/180)	1.26
NOMINAL POWER(W)	70	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6933.8	η UP, DN(C0-180)	0.6,49.1
NOMINAL FLUX(lm)	6933.75	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,49.7
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	98.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:24 August 2022

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	2411	2356	2309	2256	2408	2354	2319	2309	0- 10	224.6	224.6	3.24,3.24
20	2291	2239	2186	2117	2274	2237	2208	2217	10- 20	644.5	869.1	12.5,12.5
30	2093	2047	1993	1912	2078	2043	2020	2043	20- 30	980.8	1850	26.7,26.7
40	1826	1786	1736	1650	1807	1775	1758	1793	30- 40	1189	3039	43.8,43.8
50	1490	1460	1418	1337	1473	1443	1428	1470	40- 50	1238	4277	61.7,61.7
60	1101	1081	1054	984.2	1085	1056	1044	1083	50- 60	1119	5395	77.8,77.8
70	682.5	676.3	662.4	608.2	669.1	643.4	629.9	656.1	60- 70	846.2	6241	90,90
80	284.2	290.9	289.0	256.6	276.3	259.0	244.1	253.7	70- 80	478.7	6720	96.9,96.9
90	4.054	7.655	13.25	9.614	4.201	3.734	3.462	2.960	80- 90	129.6	6850	98.8,98.8
100	6.302	6.243	6.393	7.408	6.950	6.597	6.163	5.331	90-100	5.493	6855	98.9,98.9
110	9.726	9.701	10.04	11.42	10.61	9.999	9.312	8.126	100-110	8.578	6864	99,99
120	13.12	13.08	13.46	15.29	14.14	13.25	12.29	10.89	110-120	11.42	6875	99.2,99.2
130	16.26	16.18	16.56	18.66	17.34	16.15	14.94	13.45	120-130	13.16	6888	99.3,99.3
140	18.98	18.85	19.27	21.54	20.05	18.64	17.24	15.85	130-140	13.52	6902	99.5,99.5
150	21.54	21.40	21.85	23.92	22.54	20.95	19.38	18.05	140-150	12.53	6914	99.7,99.7
160	23.95	23.79	23.99	24.95	24.82	23.19	21.59	20.26	150-160	10.26	6925	99.9,99.9
170	25.68	25.19	24.83	25.02	26.13	24.90	23.61	22.51	160-170	6.793	6931	100,100
180	26.03	25.32	24.61	24.13	26.34	25.49	24.42	24.16	170-180	2.372	6934	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3662 lm

%lum = 52.8%

%lamp = 52.8%

Conical surface Flux(120deg): 5395.2 lm

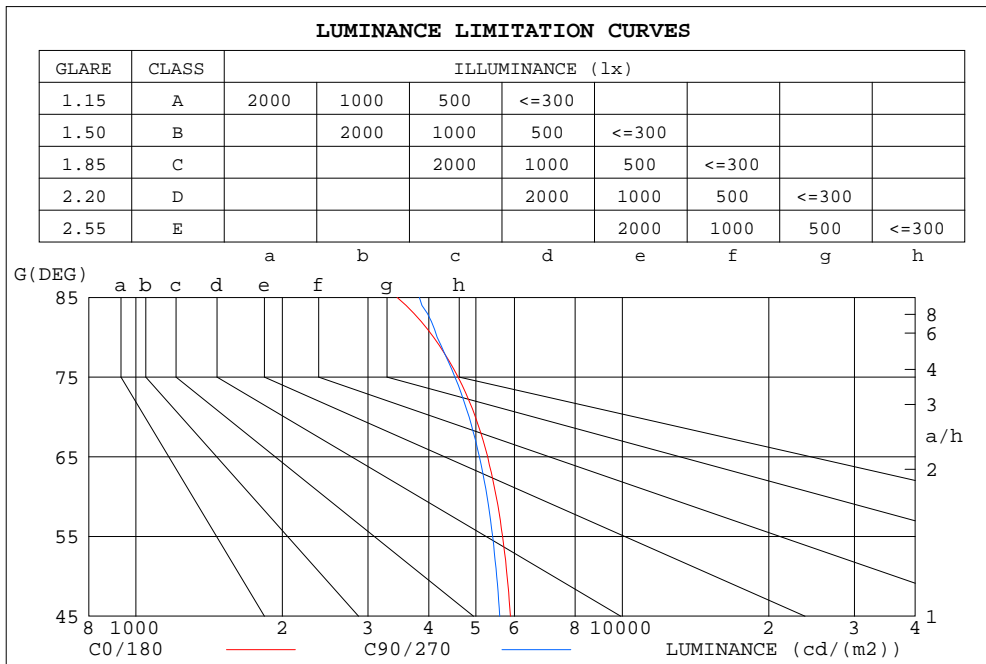
%lum = 77.8%

%lamp = 77.8%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:24 August 2022

$\gamma$  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



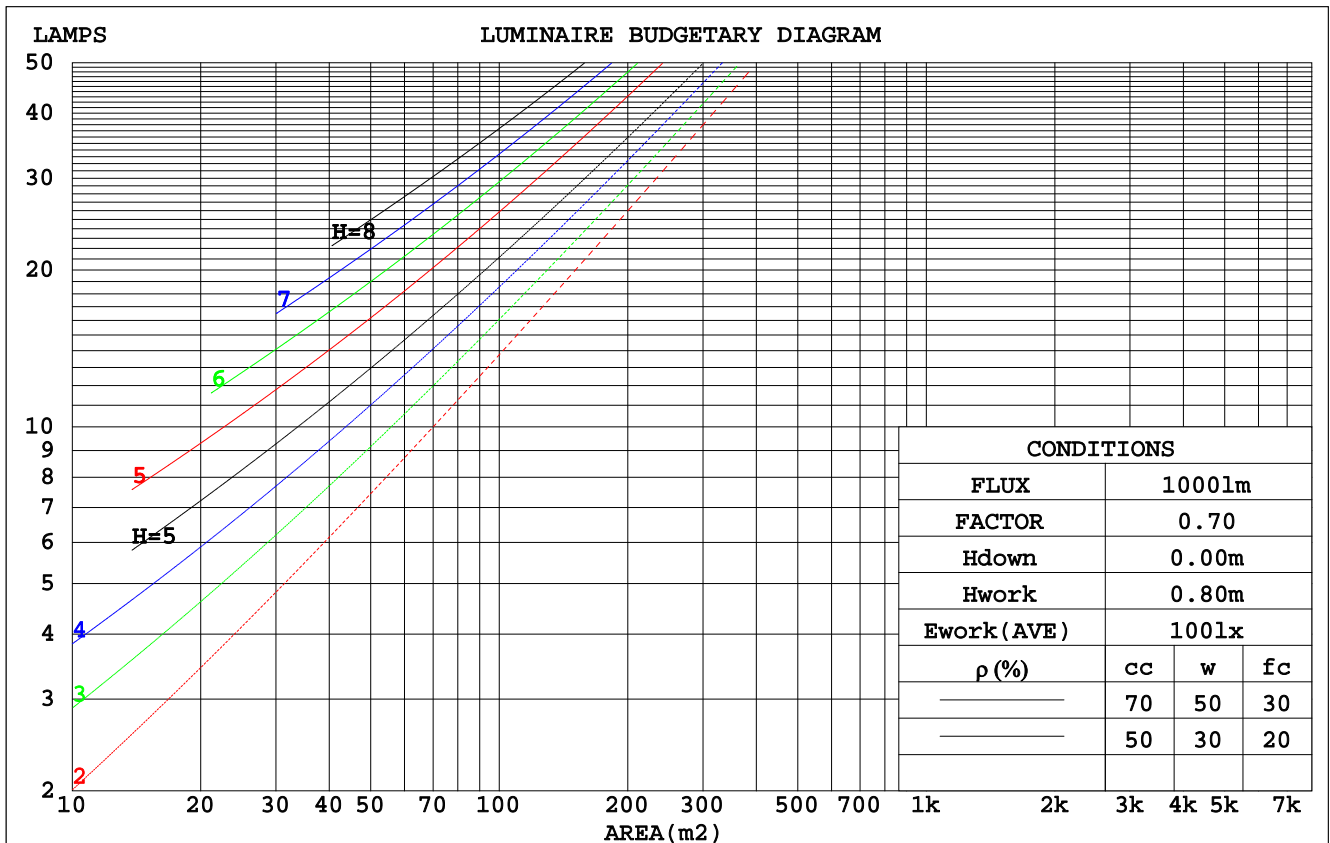
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3443	3827
80	4092	4161
75	4595	4528
70	4989	4842
65	5287	5085
60	5504	5271
55	5676	5412
50	5794	5516
45	5887	5597

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 24 August 2022

$\gamma$  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:

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	1.19	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	.99
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.84	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 24 August 2022

$\gamma$  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	.310	.176	.056	.302	.172	.055	.288	.165	.053	.275	.159	.051	.264	.153	.049	
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.261	.147	.046	.251	.142	.045	
3.0	.270	.144	.043	.264	.141	.043	.253	.137	.042	.243	.133	.041	.234	.129	.040	
4.0	.249	.129	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032	
6.0	.214	.107	.031	.209	.106	.030	.202	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027	
8.0	.186	.091	.026	.182	.090	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.164	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.074	.021	

$\rho_{cc}$	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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.190	.165	.144	.162	.142	.124	.111	.098	.086	.064	.057	.050	.020	.018	.016	
2.0	.182	.141	.107	.156	.122	.093	.107	.084	.065	.061	.049	.038	.020	.016	.012	
3.0	.174	.124	.084	.149	.107	.073	.102	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.166	.110	.068	.143	.095	.059	.098	.067	.041	.057	.039	.025	.018	.013	.008	
5.0	.159	.100	.057	.136	.087	.049	.094	.060	.035	.054	.036	.021	.018	.012	.007	
6.0	.152	.092	.049	.130	.079	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.085	.043	.125	.074	.037	.086	.052	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.119	.069	.033	.082	.048	.024	.048	.028	.014	.016	.009	.005	
9.0	.132	.074	.035	.114	.064	.030	.079	.045	.022	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.109	.061	.028	.076	.043	.020	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:24 August 2022

$\gamma$  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	18.9	20.4	19.2	20.6	20.8	18.8	20.3	19.1	20.6	20.8
3H	20.4	21.8	20.7	22.0	22.3	20.3	21.7	20.7	22.0	22.3
4H	21.0	22.3	21.3	22.6	22.9	21.0	22.3	21.3	22.5	22.8
6H	21.4	22.7	21.8	23.0	23.3	21.4	22.6	21.7	22.9	23.2
8H	21.6	22.8	21.9	23.1	23.4	21.6	22.8	21.9	23.1	23.4
12H	21.6	22.8	22.0	23.1	23.4	21.6	22.8	22.0	23.1	23.5
4H 2H	19.5	20.8	19.8	21.1	21.4	19.4	20.8	19.8	21.0	21.3
3H	21.2	22.3	21.5	22.6	23.0	21.2	22.3	21.5	22.6	23.0
4H	21.9	23.0	22.3	23.3	23.7	21.9	23.0	22.3	23.3	23.7
6H	22.4	23.4	22.9	23.8	24.1	22.5	23.4	22.9	23.8	24.2
8H	22.6	23.5	23.1	23.9	24.3	22.7	23.6	23.1	24.0	24.4
12H	22.8	23.6	23.2	24.0	24.4	22.8	23.6	23.3	24.0	24.5
8H 4H	22.2	23.0	22.6	23.4	23.8	22.2	23.0	22.6	23.4	23.8
6H	22.9	23.6	23.3	24.0	24.5	22.9	23.6	23.4	24.1	24.5
8H	23.1	23.8	23.6	24.2	24.7	23.2	23.9	23.7	24.3	24.8
12H	23.3	23.9	23.8	24.4	24.9	23.4	24.0	23.9	24.5	25.0
12H 4H	22.2	23.0	22.6	23.4	23.8	22.2	23.0	22.6	23.4	23.8
6H	22.9	23.6	23.4	24.0	24.5	23.0	23.6	23.4	24.1	24.5
8H	23.2	23.8	23.7	24.3	24.8	23.3	23.9	23.8	24.3	24.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 6934 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.7)

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:24 August 2022

 $\gamma$  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:

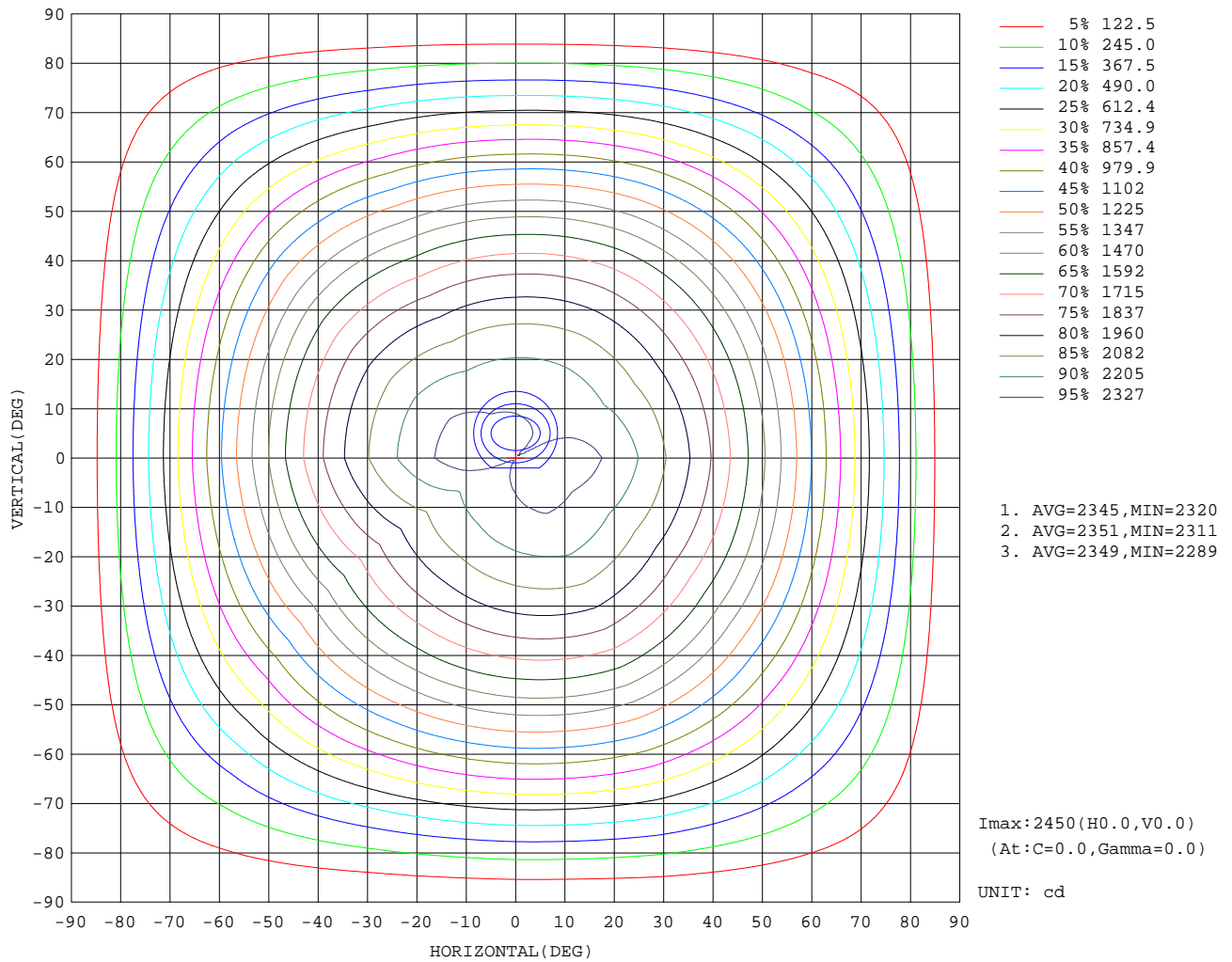
## UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
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: 24 August 2022

$\gamma$  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

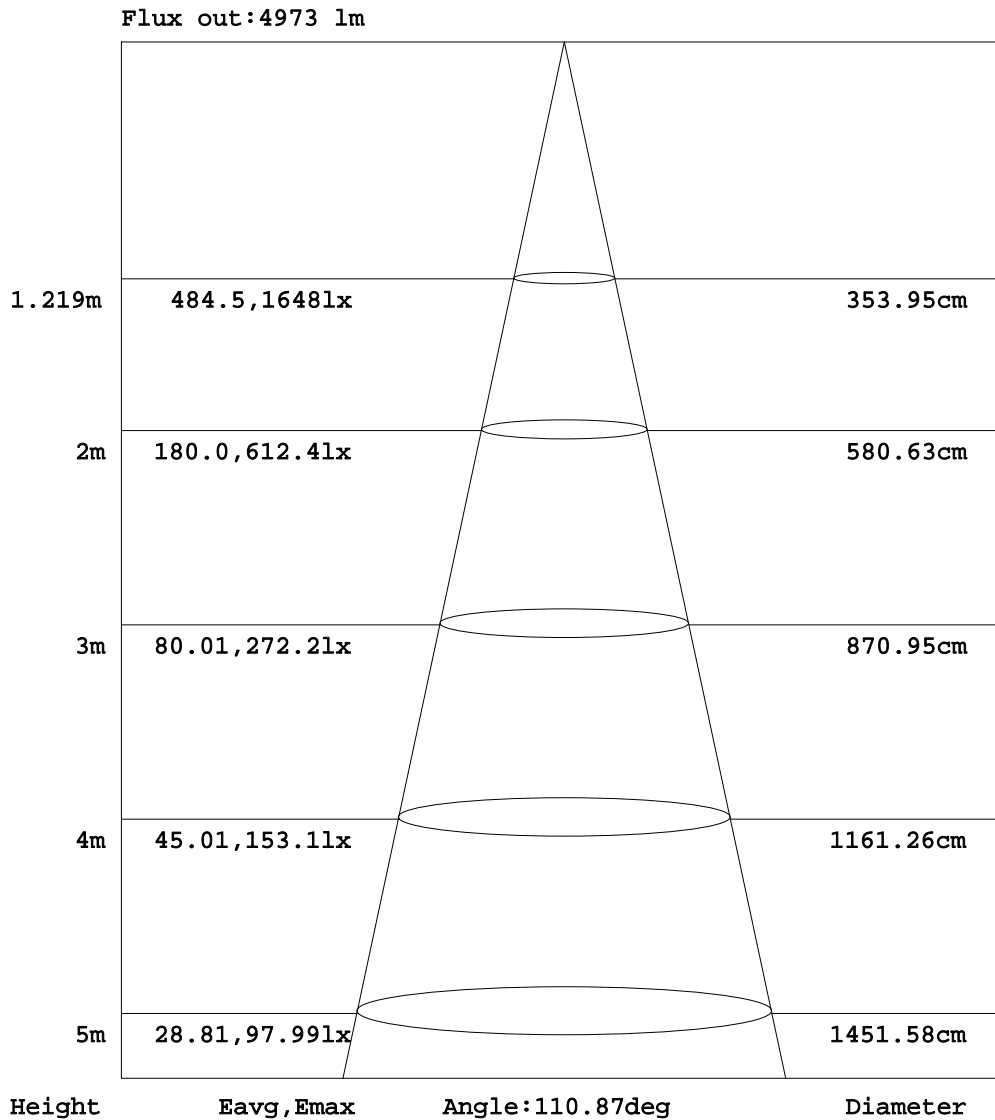


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 24 August 2022

$\gamma$  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:



AAI Figure

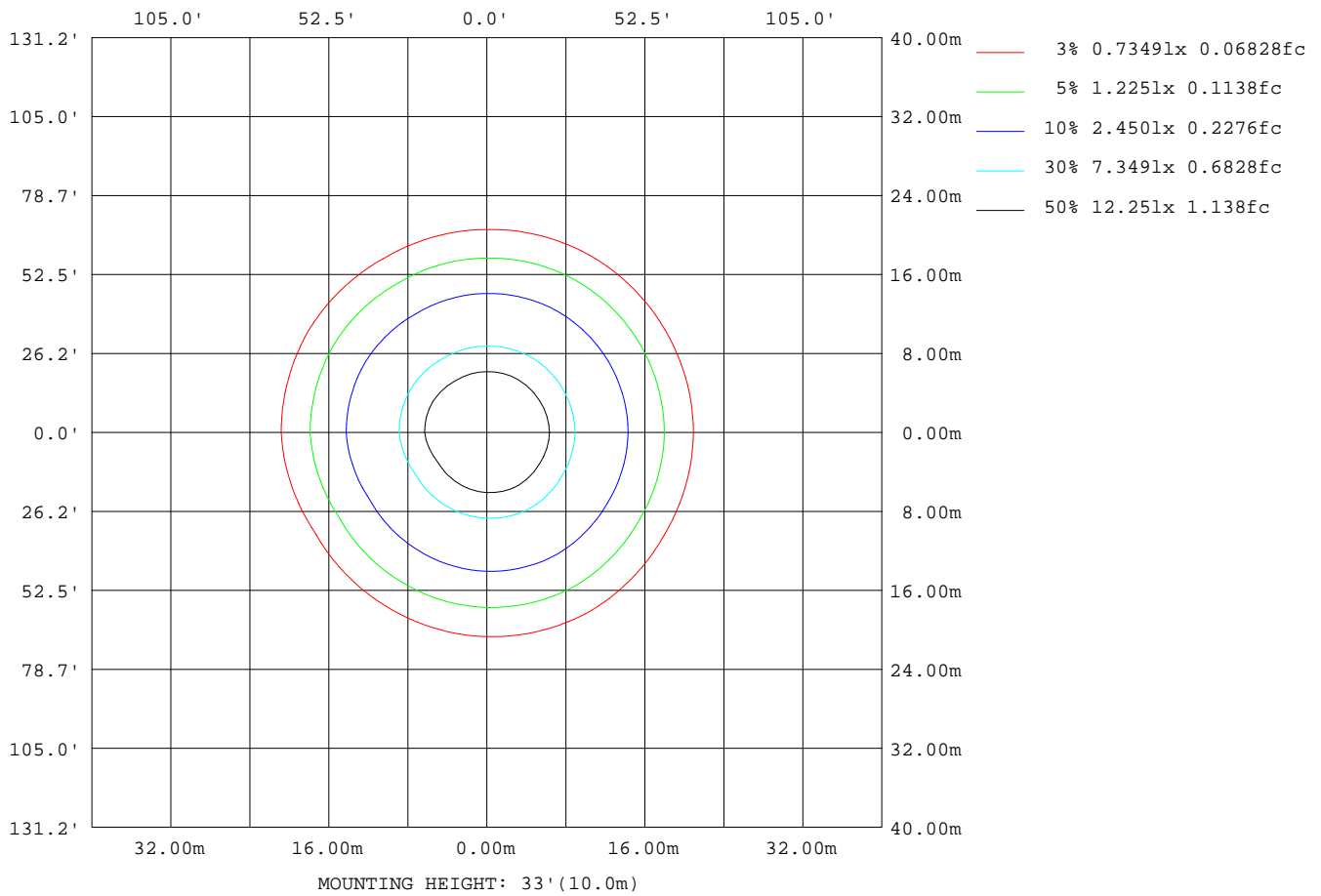


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 24 August 2022

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: 24 August 2022

$\gamma$  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:0.2910A P:66.20W PF:0.9800 Lamp Flux:6933.75x1 lm		
NAME: 吸顶灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:0.36*0.36*3.14	Shielding Angle:

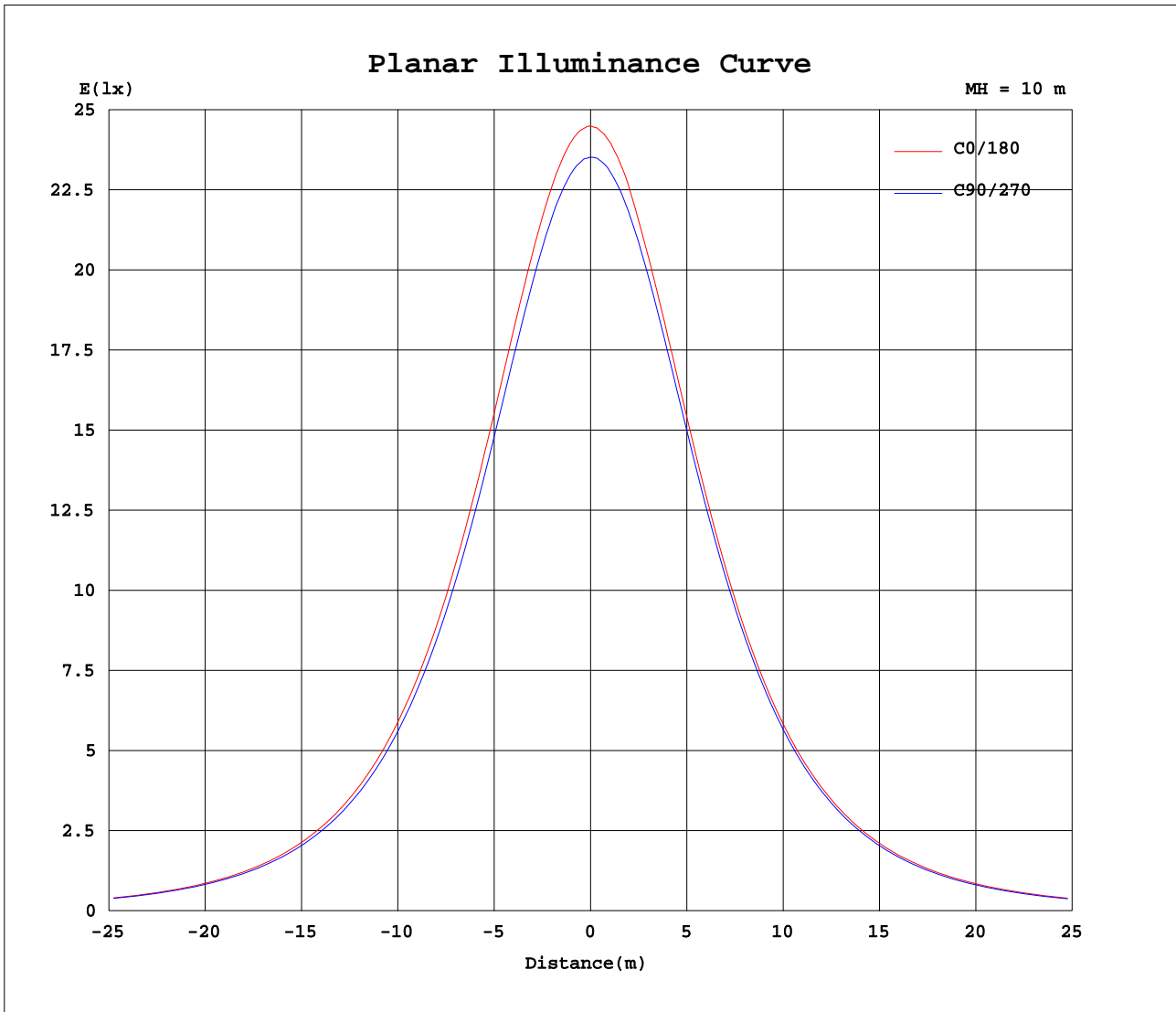
AvgL	cd/m2
L_0~180(65)av	5241
L_0~180(75)av	4541
L_0~180(85)av	3384
L_90~270(65)av	5021
L_90~270(75)av	4331
L_90~270(85)av	3213
L_45(65)av	5014
L_45(75)av	4304
L_45(85)av	3142

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:24 August 2022

$\gamma$  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: 24 August 2022

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

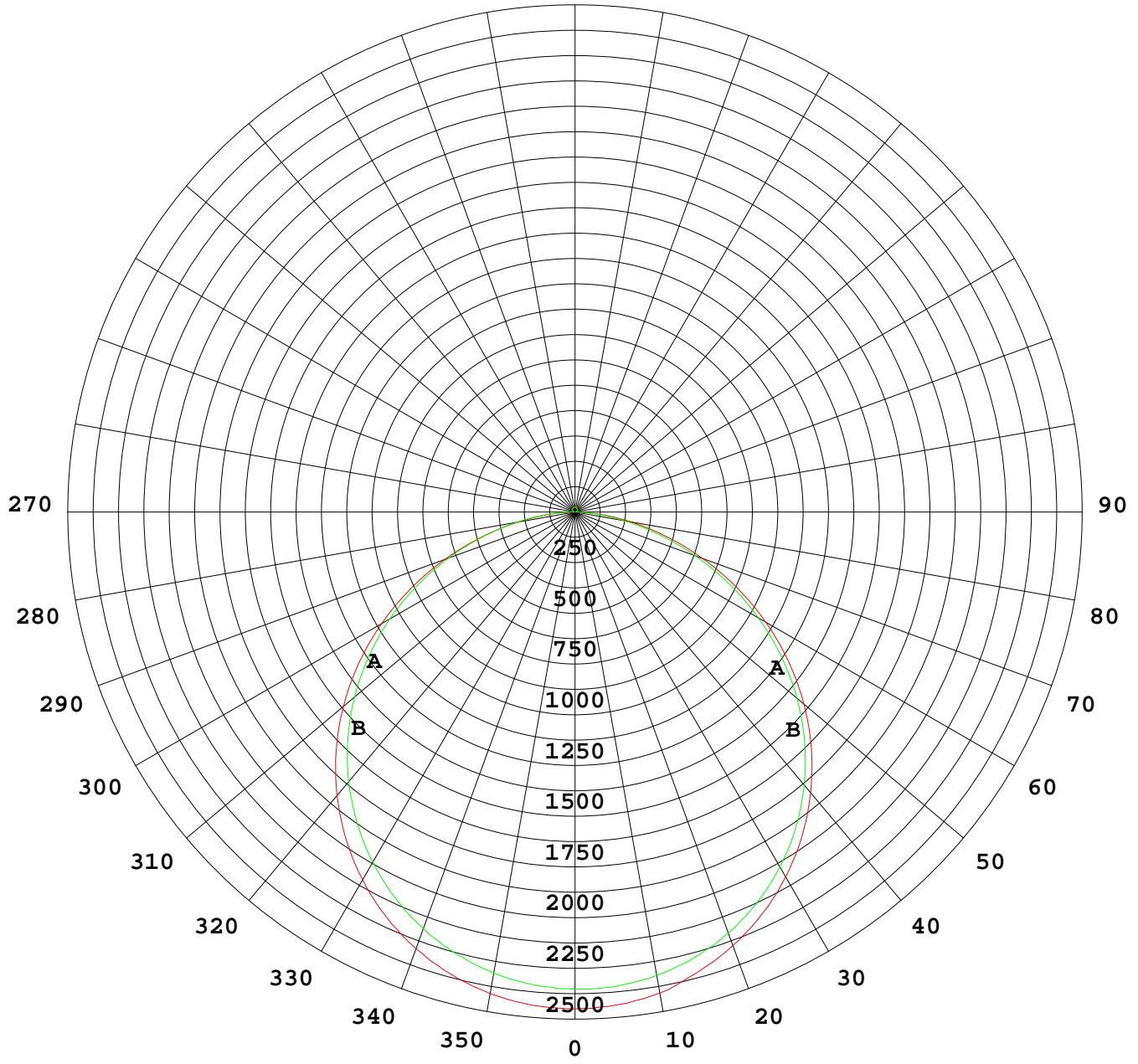
UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	2450	2414	2386	2352	2331	2312	2450	2414	2386	2352	2331	2312							
5	2440	2403	2378	2340	2308	2287	2437	2406	2361	2347	2332	2317							
10	2411	2358	2353	2309	2269	2242	2408	2379	2329	2319	2314	2303							
15	2360	2307	2307	2256	2210	2180	2346	2334	2277	2273	2277	2269							
20	2291	2236	2243	2186	2135	2100	2274	2267	2207	2208	2217	2216							
25	2202	2146	2159	2098	2042	2004	2185	2178	2117	2124	2140	2140							
30	2093	2039	2055	1993	1932	1892	2078	2074	2011	2020	2041	2046							
35	1969	1915	1933	1873	1808	1768	1951	1950	1885	1897	1924	1932							
40	1826	1775	1797	1736	1671	1630	1807	1807	1744	1758	1789	1797							
45	1665	1617	1643	1583	1520	1480	1648	1647	1586	1601	1635	1646							
50	1490	1447	1473	1418	1356	1319	1473	1473	1413	1428	1464	1475							
55	1302	1264	1290	1242	1183	1147	1285	1283	1227	1242	1278	1290							
60	1101	1069	1094	1054	1000	968	1085	1081	1031	1044	1077	1089							
65	894	868	893	860	811	783	878	873	828	838	867	876							
70	683	664	689	662	620	597	669	663	624	630	653	659							
75	476	465	488	469	433	416	465	459	426	428	443	447							
80	284	282	300	289	262	251	276	271	247	244	254	253							
85	120	123	137	133	116	111	116	110	93.8	90.6	94.4	95.9							
90	4.05	5.38	9.93	13.3	9.69	9.54	4.20	3.70	3.76	3.46	3.04	2.88							
95	4.75	4.95	4.44	4.81	5.38	5.81	5.24	4.90	5.16	4.71	4.18	3.94							
100	6.30	6.58	5.90	6.39	7.11	7.71	6.95	6.45	6.75	6.16	5.50	5.17							
105	7.98	8.39	7.51	8.19	9.04	9.75	8.78	8.12	8.45	7.72	6.91	6.50							
110	9.73	10.2	9.17	10.0	11.0	11.8	10.6	9.84	10.2	9.31	8.38	7.87							
115	11.4	12.0	10.8	11.8	12.9	13.9	12.4	11.5	11.8	10.8	9.81	9.25							
120	13.1	13.8	12.4	13.5	14.8	15.8	14.1	13.1	13.4	12.3	11.2	10.6							
125	14.7	15.5	13.9	15.1	16.5	17.6	15.8	14.7	14.9	13.7	12.5	11.9							
130	16.3	17.1	15.3	16.6	18.0	19.3	17.3	16.1	16.2	14.9	13.8	13.1							
135	17.7	18.5	16.6	17.9	19.5	20.9	18.8	17.4	17.5	16.1	15.0	14.3							
140	19.0	19.8	17.9	19.3	20.9	22.2	20.1	18.6	18.7	17.2	16.2	15.5							
145	20.3	21.2	19.1	20.6	22.2	23.4	21.4	19.8	19.8	18.3	17.3	16.6							
150	21.5	22.5	20.3	21.9	23.4	24.5	22.5	21.0	20.9	19.4	18.4	17.7							
155	22.9	23.8	21.6	23.1	24.4	25.1	23.6	22.1	22.0	20.4	19.4	18.8							
160	23.9	24.8	22.7	24.0	24.7	25.2	24.8	23.3	23.1	21.6	20.6	19.9							
165	25.0	25.5	23.7	24.5	24.8	25.1	25.8	24.5	24.2	22.8	21.9	21.2							
170	25.7	26.0	24.4	24.8	24.9	25.1	26.1	25.1	24.7	23.6	22.9	22.1							
175	26.0	26.2	24.7	24.9	24.8	24.7	26.4	25.5	25.1	24.2	23.8	23.2							
180	26.0	25.9	24.7	24.6	24.2	24.1	26.3	25.7	25.3	24.4	24.4	23.9							

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:24 August 2022

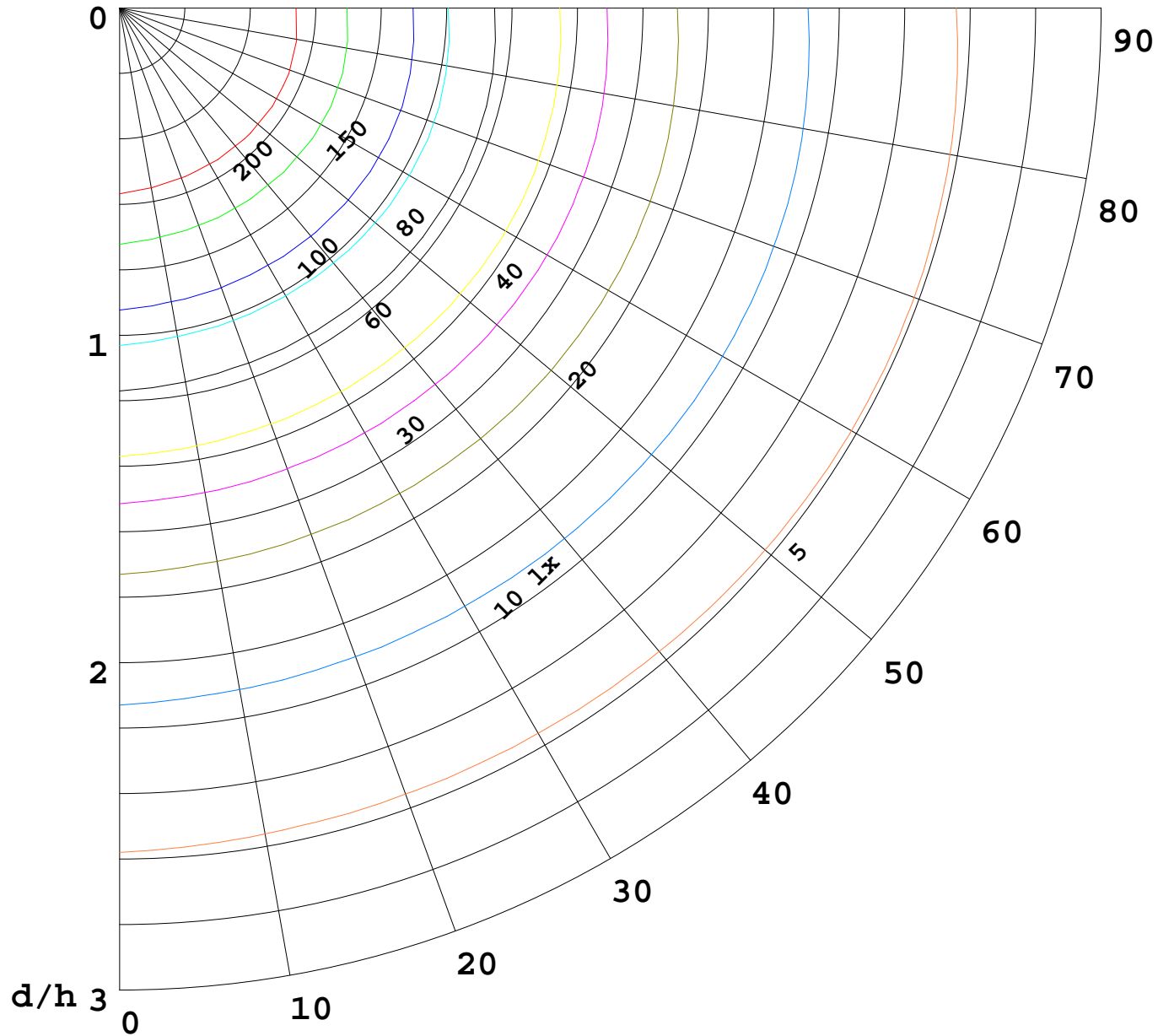
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:7.640m [K=1.0000]  
 Remarks:

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

