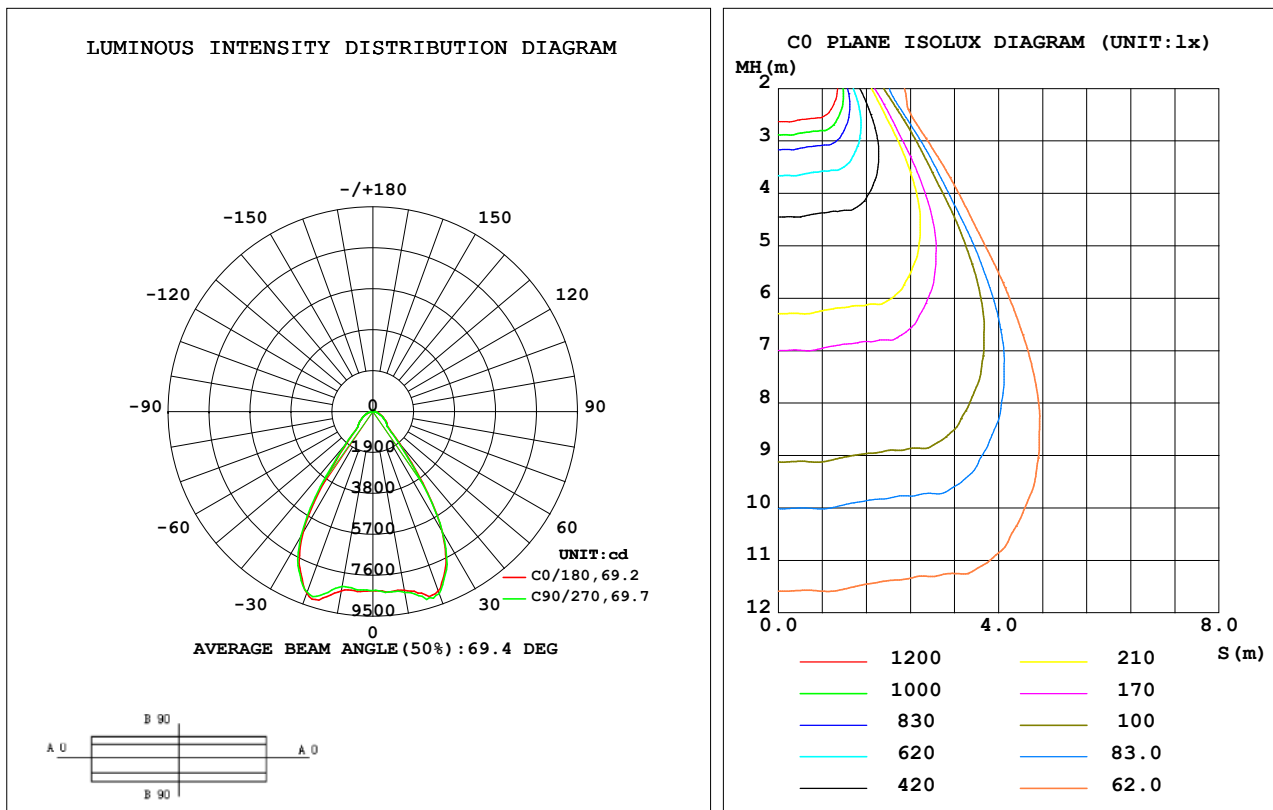


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm					
NAME: DM-80W		TYPE:70D PC		WEIGHT:2.62kg	
SPEC.:5700k-RA80		DIM.: D245*H184mm		SERIAL No.:	
MFR.: BT		SUR.:0.2m*0.2m*3.14		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 146.30 lm/W
MODEL	NICHIA3030	Imax(cd)	9154	S/MH(C0/180)	0.99	
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.02	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	11964	η UP,DN(C0-180)	1.2,48.5	
NOMINAL FLUX(lm)	11964.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.1	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	230	η down(%)	97.6	CIBSE SHR MAX	1.00	



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators:
 Test Date: 2019-7-9

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 9.351m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum, lamp
10	8411	8518	8448	8237					0- 10	797.7	797.7	6.67, 6.67
20	8856	8996	8963	8920					10- 20	2503	3301	27.6, 27.6
30	6451	6471	6493	6684					20- 30	3645	6946	58.1, 58.1
40	1946	1722	1839	2003					30- 40	2491	9437	78.9, 78.9
50	848.9	813.0	856.9	855.6					40- 50	851.3	10288	86, 86
60	567.3	539.4	556.4	554.4					50- 60	616.6	10905	91.1, 91.1
70	332.6	294.8	305.4	321.9					60- 70	419.4	11324	94.6, 94.6
80	161.8	135.5	142.8	159.2					70- 80	235.1	11559	96.6, 96.6
90	72.97	69.94	71.01	74.36					80- 90	116.2	11675	97.6, 97.6
100	56.11	56.90	54.97	53.20					90-100	66.72	11742	98.1, 98.1
110	35.37	35.73	36.81	39.47					100-110	51.18	11793	98.6, 98.6
120	29.22	30.18	30.00	29.45					110-120	31.62	11825	98.8, 98.8
130	33.56	34.87	33.95	33.44					120-130	27.98	11853	99.1, 99.1
140	43.51	44.69	42.79	42.55					130-140	29.48	11882	99.3, 99.3
150	52.79	53.78	53.14	51.81					140-150	30.28	11913	99.6, 99.6
160	61.12	62.06	62.08	60.37					150-160	26.36	11939	99.8, 99.8
170	68.68	69.61	70.32	68.81					160-170	18.55	11958	99.9, 99.9
180	72.99	73.53	73.19	73.40					170-180	6.778	11964	100, 100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 3.8 %									UNIT:lm		

Conical surface Flux(90deg): 9921.9 lm

%lum = 82.9%

%lamp = 82.9%

Conical surface Flux(120deg): 10905 lm

%lum = 91.1%

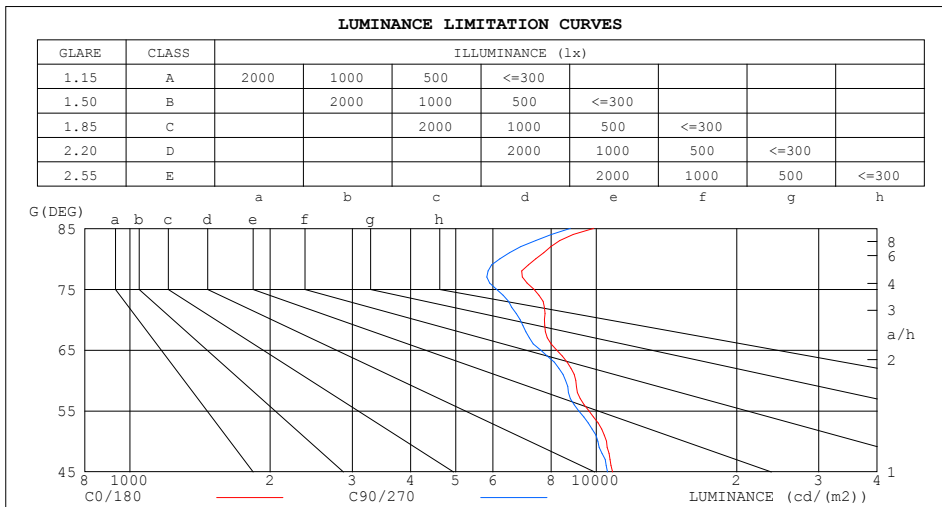
%lamp = 91.1%

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators:
 Test Date: 2019-7-9

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 9.351m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	9878	8801
80	7421	6212
75	7350	6108
70	7744	6863
65	8226	7598
60	9033	8590
55	9643	9173
50	10515	10070
45	10841	10568

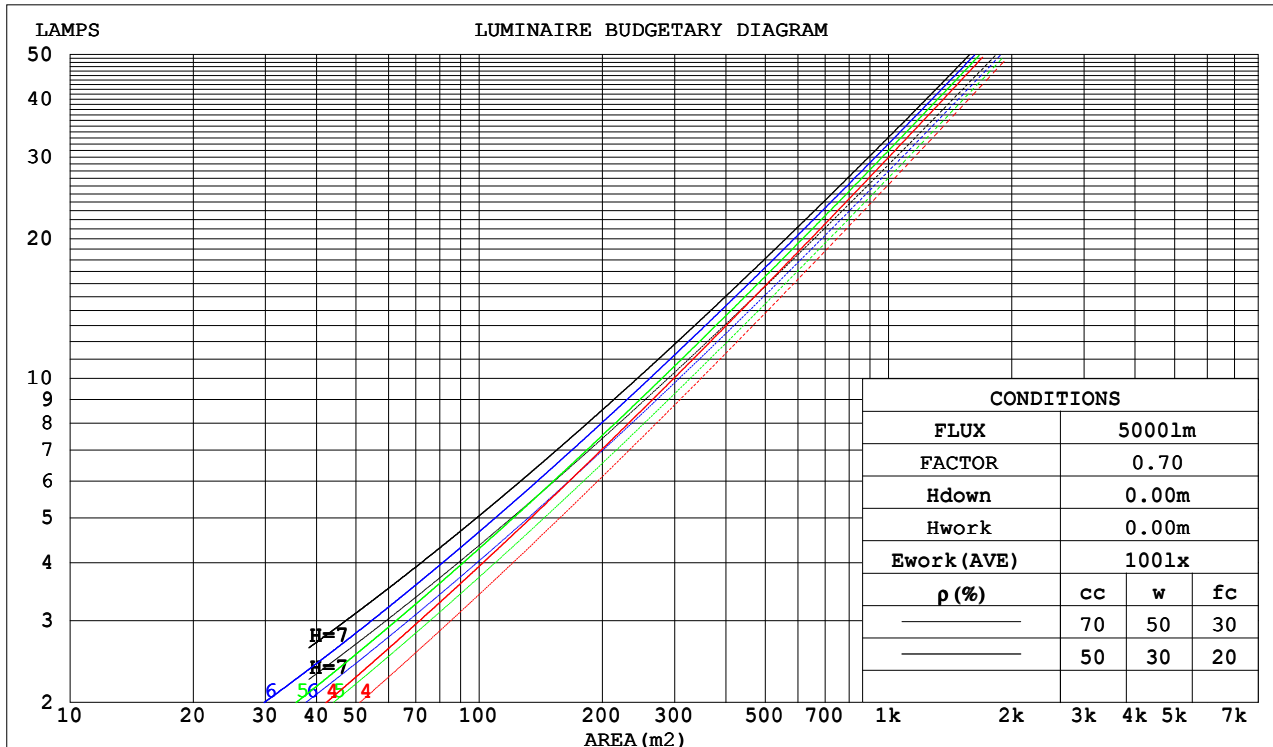
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators:
Test Date: 2019-7-9

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 9.351m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.97	.95	.93	.93	.92	.90	.88
2.0	.99	.94	.90	.97	.92	.88	.93	.89	.86	.89	.86	.84	.86	.84	.82	.80
3.0	.90	.84	.80	.89	.83	.79	.86	.81	.77	.83	.79	.76	.80	.77	.74	.72
4.0	.83	.77	.72	.82	.76	.71	.79	.74	.70	.77	.73	.69	.75	.71	.68	.66
5.0	.77	.70	.65	.76	.69	.65	.74	.68	.64	.72	.67	.63	.70	.66	.62	.61
6.0	.71	.65	.60	.70	.64	.59	.69	.63	.59	.67	.62	.58	.65	.61	.57	.56
7.0	.66	.60	.55	.66	.59	.55	.64	.58	.54	.63	.57	.54	.61	.57	.53	.52
8.0	.62	.55	.51	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.48
9.0	.58	.51	.47	.57	.51	.47	.56	.51	.47	.55	.50	.46	.54	.49	.46	.44
10.0	.55	.48	.44	.54	.48	.44	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators:
 Test Date: 2019-7-9

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 9.351m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm																	
NAME: DM-80W						TYPE:70D PC						WEIGHT:2.62kg					
SPEC.:5700k-RA80						DIM.: D245*H184mm						SERIAL No.:					
MFR.: BT						SUR.:0.2m*0.2m*3.14						Shielding Angle:					

pcc	80%			70%			50%			30%			10%			0		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0		
pfc	20%			20%			20%			20%			20%			0		
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)											
0.0																		
1.0	.221	.126	.040	.213	.122	.039	.199	.114	.036	.186	.107	.034	.174	.101	.033			
2.0	.208	.114	.035	.202	.111	.034	.189	.105	.033	.178	.100	.031	.168	.095	.030			
3.0	.195	.104	.031	.190	.102	.031	.179	.097	.030	.169	.093	.028	.160	.089	.027			
4.0	.184	.096	.028	.179	.094	.028	.169	.090	.027	.161	.086	.026	.153	.083	.025			
5.0	.173	.088	.026	.169	.087	.025	.161	.084	.025	.153	.081	.024	.146	.078	.023			
6.0	.164	.082	.023	.160	.081	.023	.152	.078	.023	.145	.076	.022	.139	.073	.022			
7.0	.155	.077	.022	.151	.075	.021	.145	.073	.021	.139	.071	.021	.133	.069	.020			
8.0	.147	.072	.020	.144	.071	.020	.138	.069	.020	.132	.067	.019	.127	.065	.019			
9.0	.140	.068	.019	.137	.067	.019	.132	.065	.018	.127	.063	.018	.122	.062	.018			
10.0	.133	.064	.018	.131	.063	.018	.126	.062	.017	.121	.060	.017	.117	.059	.017			

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.193	.175	.160	.165	.151	.138	.113	.104	.095	.065	.060	.055	.021	.019	.018		
2.0	.180	.151	.127	.154	.130	.110	.106	.090	.076	.061	.052	.045	.020	.017	.015		
3.0	.169	.133	.104	.145	.114	.090	.099	.079	.063	.057	.046	.037	.018	.015	.012		
4.0	.160	.118	.087	.137	.102	.076	.094	.071	.053	.054	.042	.031	.018	.014	.010		
5.0	.151	.107	.075	.130	.093	.065	.090	.065	.046	.052	.038	.027	.017	.012	.009		
6.0	.144	.098	.065	.124	.085	.057	.086	.060	.040	.050	.035	.024	.016	.011	.008		
7.0	.138	.091	.058	.119	.079	.051	.082	.055	.036	.048	.033	.021	.015	.011	.007		
8.0	.132	.085	.053	.114	.074	.046	.079	.052	.033	.046	.031	.019	.015	.010	.006		
9.0	.127	.080	.048	.109	.069	.042	.076	.049	.030	.044	.029	.018	.014	.009	.006		
10.0	.122	.076	.045	.105	.066	.039	.073	.046	.028	.043	.027	.017	.014	.009	.006		

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators:
Test Date: 2019-7-9

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 9.351m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm										
NAME: DM-80W					TYPE:70D PC			WEIGHT:2.62kg		
SPEC.:5700k-RA80					DIM.: D245*H184mm			SERIAL No.:		
MFR.: BT					SUR.:0.2m*0.2m*3.14			Shielding 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	18.5	19.6	18.8	19.9	20.1	18.4	19.5	18.6	19.7	19.9
3H	19.3	20.3	19.6	20.6	20.8	19.0	20.0	19.3	20.3	20.6
4H	19.7	20.6	20.0	20.9	21.2	19.3	20.3	19.6	20.6	20.8
6H	20.0	20.9	20.3	21.2	21.5	19.6	20.5	19.9	20.7	21.1
8H	20.1	21.0	20.5	21.3	21.6	19.7	20.6	20.1	20.9	21.2
12H	20.3	21.2	20.7	21.5	21.8	19.9	20.7	20.2	21.0	21.3
4H 2H	18.7	19.7	19.1	20.0	20.3	18.6	19.6	18.9	19.8	20.1
3H	19.7	20.5	20.1	20.9	21.2	19.5	20.3	19.8	20.6	21.0
4H	20.2	21.0	20.6	21.3	21.7	19.9	20.6	20.3	21.0	21.4
6H	20.7	21.3	21.1	21.7	22.1	20.2	20.9	20.7	21.3	21.7
8H	20.9	21.5	21.3	21.9	22.4	20.5	21.1	20.9	21.5	21.9
12H	21.2	21.7	21.6	22.2	22.6	20.7	21.3	21.2	21.7	22.1
8H 4H	20.3	21.0	20.8	21.4	21.8	20.0	20.7	20.5	21.1	21.5
6H	20.9	21.5	21.4	21.9	22.4	20.6	21.1	21.0	21.5	22.0
8H	21.3	21.8	21.8	22.2	22.7	20.9	21.3	21.4	21.8	22.3
12H	21.7	22.1	22.2	22.6	23.1	21.3	21.7	21.8	22.1	22.7
12H 4H	20.3	20.9	20.8	21.3	21.8	20.0	20.6	20.5	21.0	21.5
6H	21.0	21.4	21.5	21.9	22.4	20.6	21.1	21.1	21.5	22.0
8H	21.4	21.8	21.9	22.3	22.8	21.0	21.4	21.5	21.9	22.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.6					+ 0.7 / - 0.6				
1.5H	+ 1.5 / - 0.5					+ 1.4 / - 0.5				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 11964 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 8.6$)
Area: 0.1256 m²

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators:
Test Date: 2019-7-9

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 9.351m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:

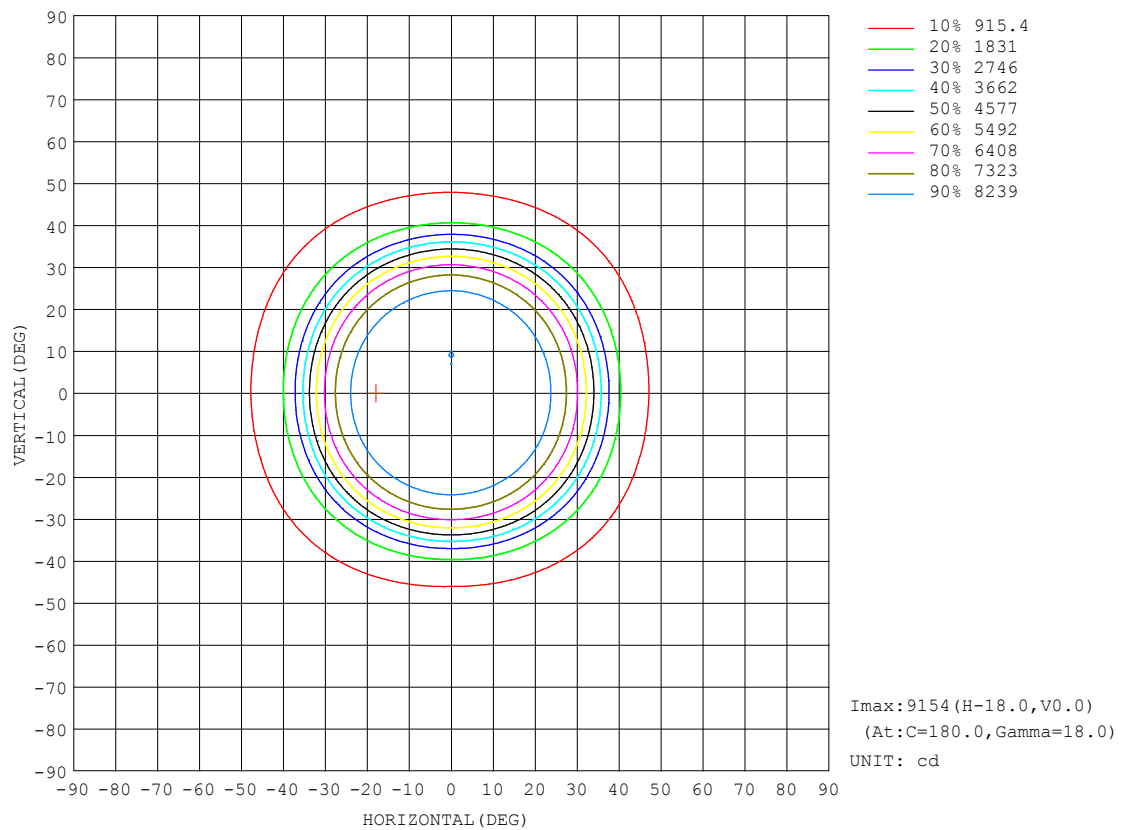
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	78	71	66	78	70	66	77	70	66	61
0.80	87	79	74	86	79	74	84	78	74	69
1.00	92	85	80	91	84	80	89	84	79	74
1.25	97	90	85	95	89	85	93	88	84	79
1.50	100	94	89	99	93	89	96	91	88	82
2.00	104	98	94	102	97	93	99	95	92	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	102	99	96	89
4.00	111	107	104	108	105	103	104	102	100	91
5.00	112	109	107	110	107	105	105	103	102	93
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators:
 Test Date: 2019-7-9

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 9.351m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:

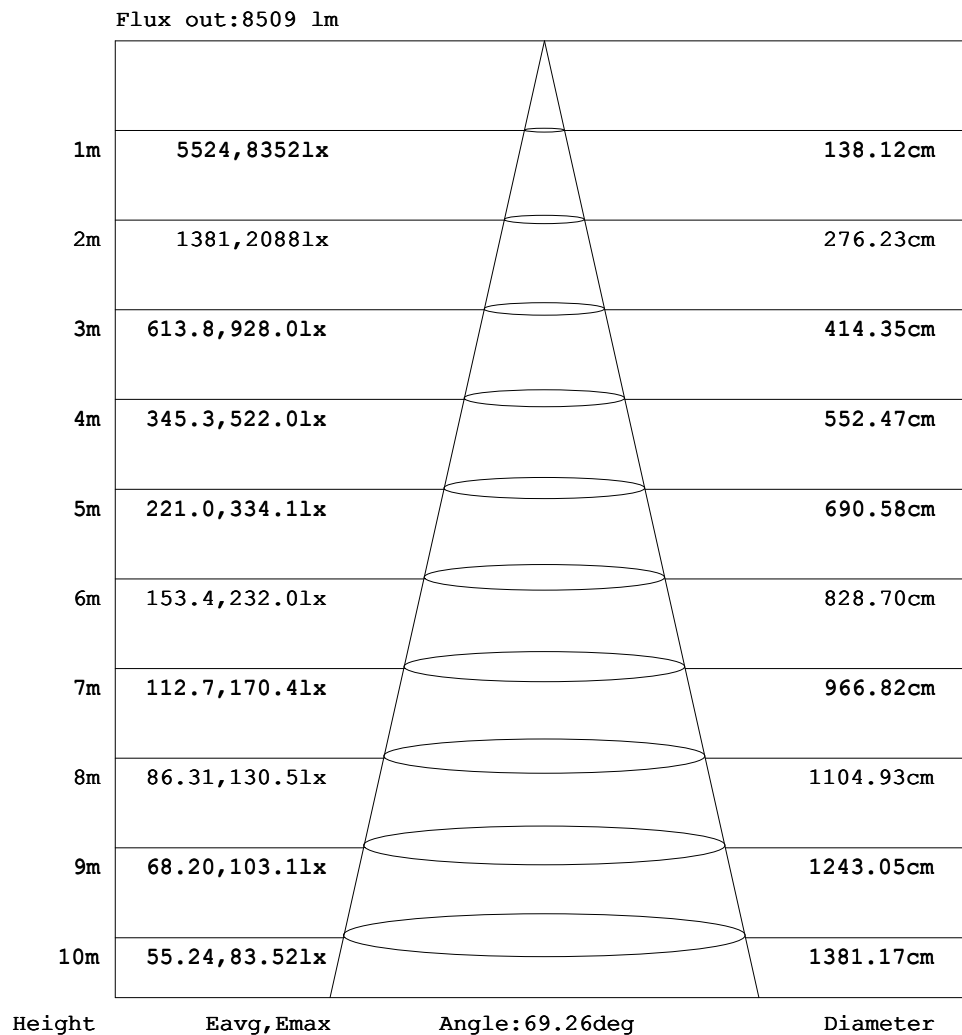


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators:
Test Date: 2019-7-9

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 9.351m [K=1.0000]
Remarks:

AAI Figure

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:



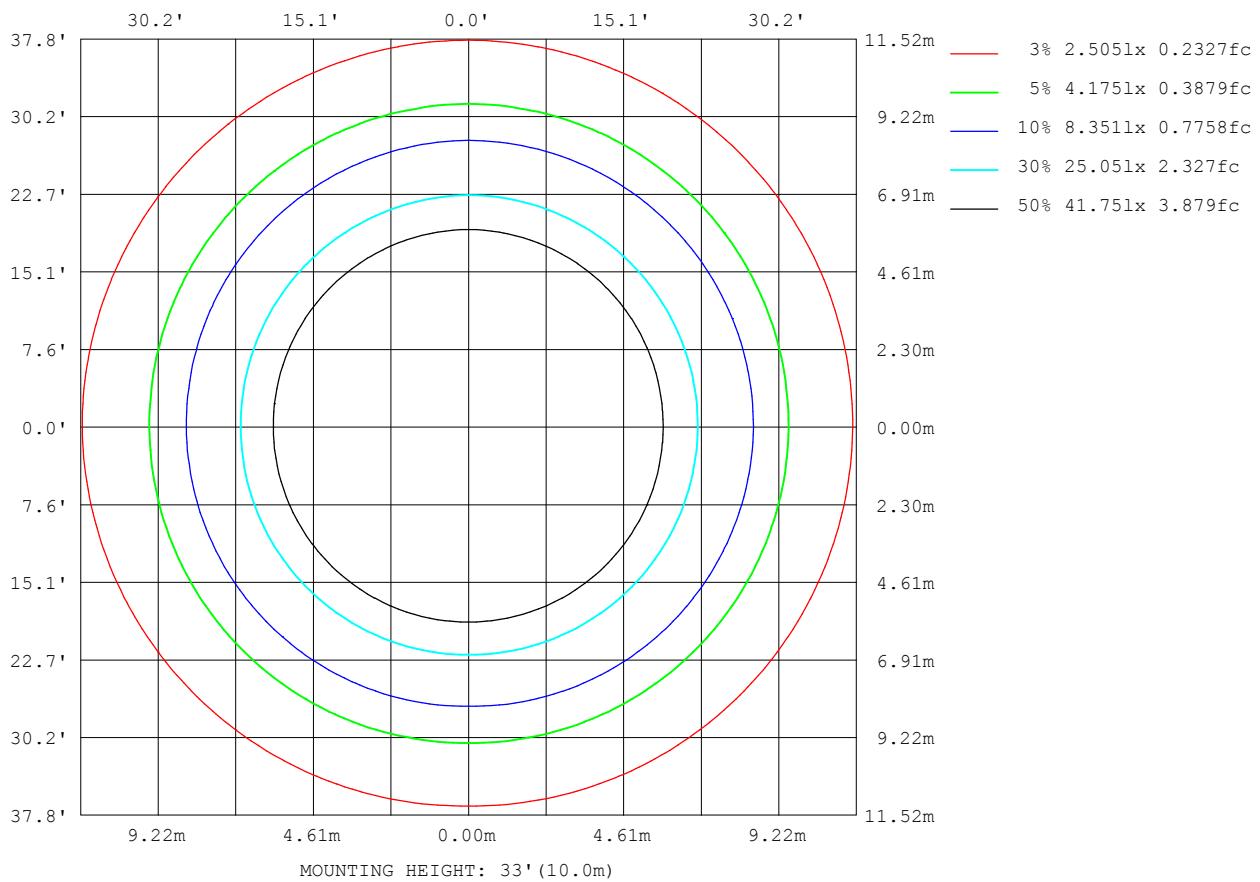
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:DEG
Operators:
Test Date:2019-7-9

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:9.351m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators:
Test Date: 2019-7-9

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 9.351m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:

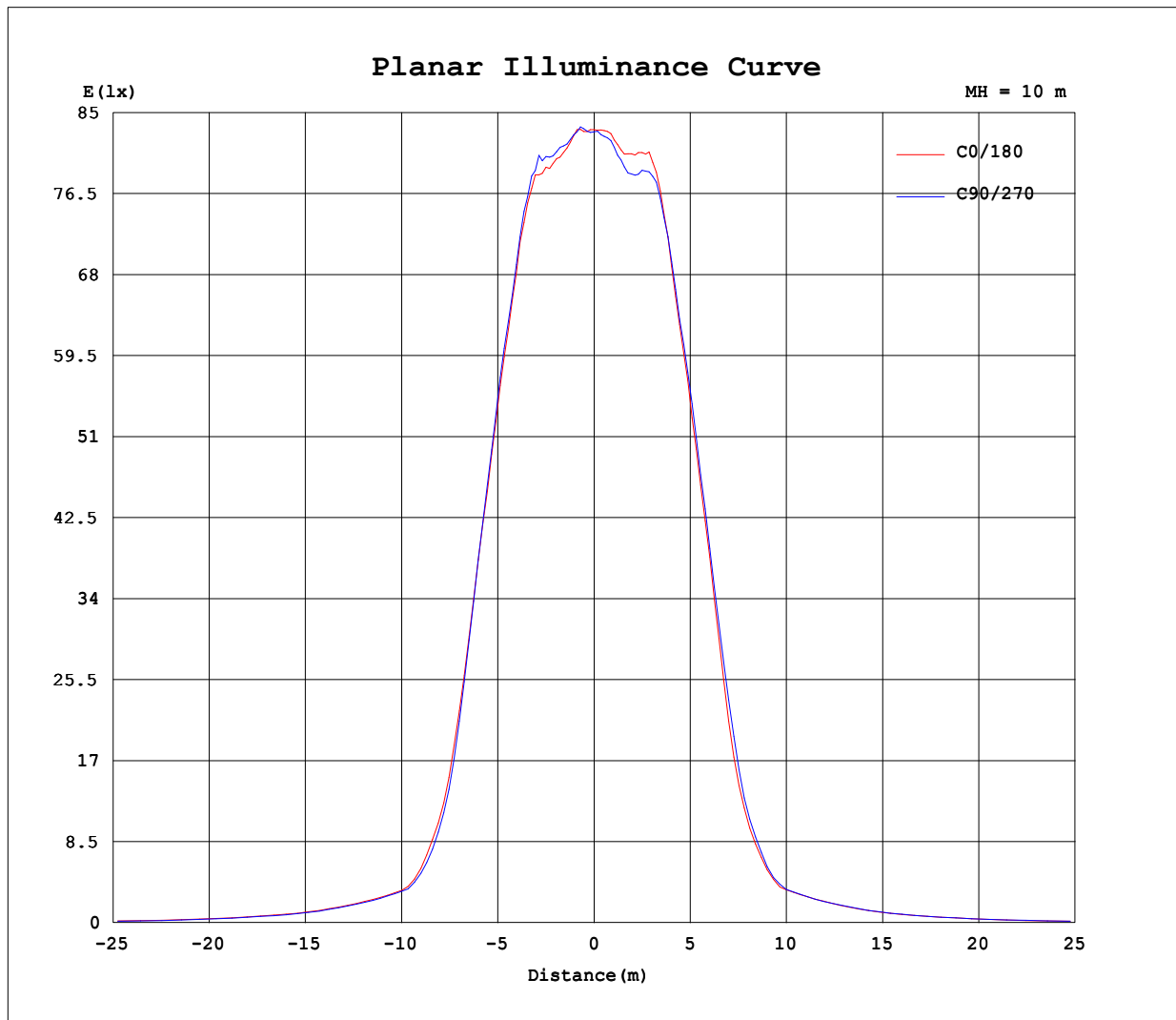
AvgL	cd/m2
L_0~180 (65) av	7965
L_0~180 (75) av	6858
L_0~180 (85) av	9545
L_90~270 (65) av	7764
L_90~270 (75) av	6595
L_90~270 (85) av	9475
L_45 (65) av	7823
L_45 (75) av	6663
L_45 (85) av	9480

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:DEG
 Operators:
 Test Date:2019-7-9

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:9.351m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators:
Test Date: 2019-7-9

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 9.351m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.98V I:0.3632A P:81.778W PF:0.9791 Freq:49.99Hz Lamp Flux:11964.4x1 lm		
NAME: DM-80W	TYPE:70D PC	WEIGHT:2.62kg
SPEC.:5700k-RA80	DIM.: D245*H184mm	SERIAL No.:
MFR.: BT	SUR.:0.2m*0.2m*3.14	Shielding Angle:

Table--1

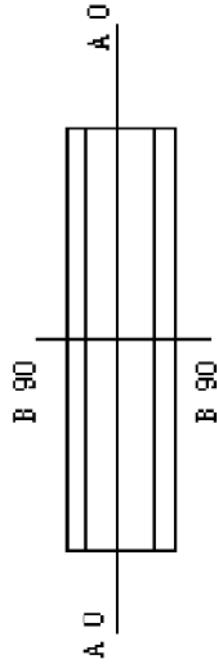
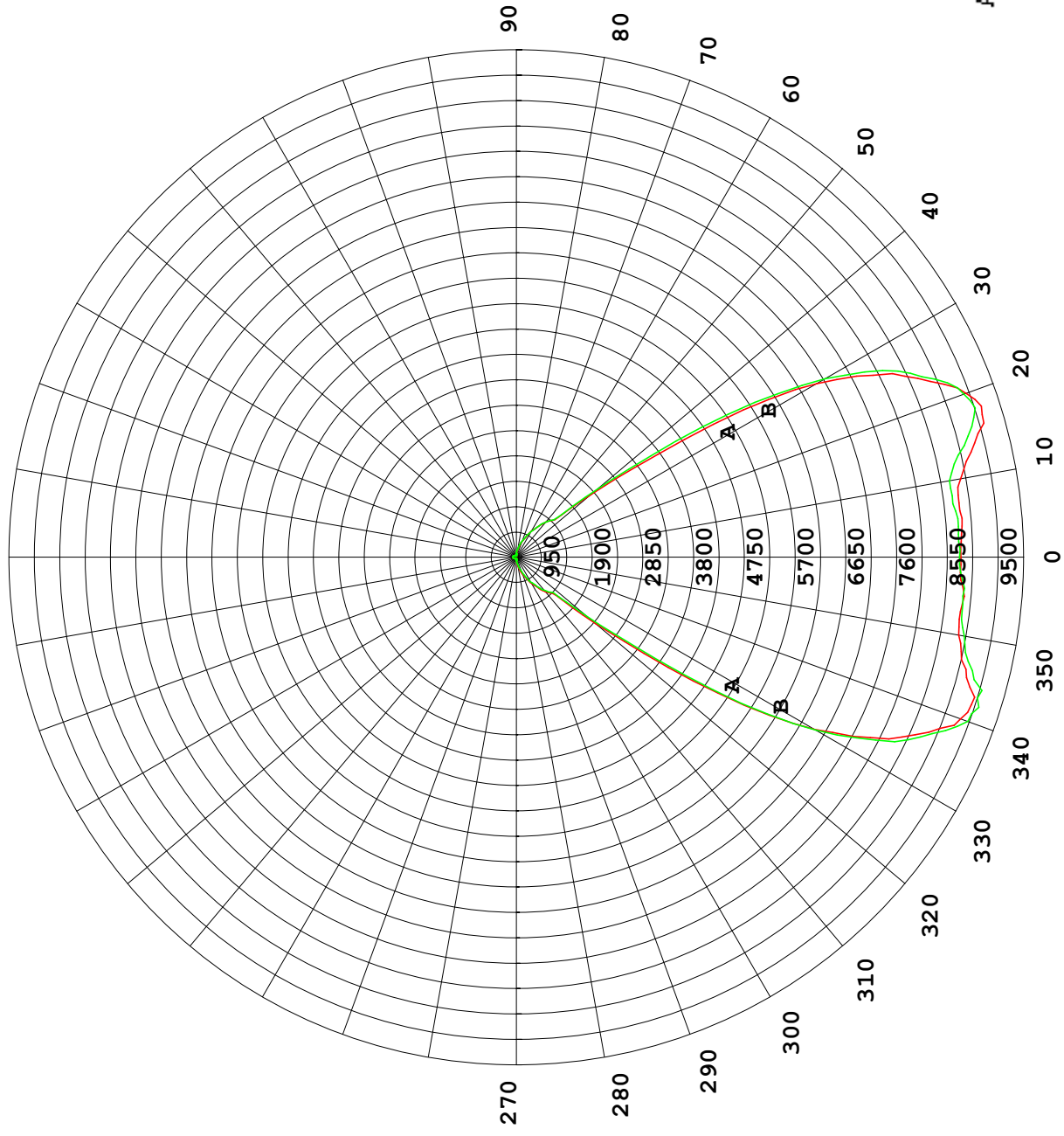
UNIT: cd

C (DEG) γ (DEG)	0	90	180	270														
0	8323	8299	8323	8299														
5	8417	8395	8377	8300														
10	8411	8518	8448	8237														
15	8726	8873	8949	8752														
20	8856	8996	8963	8920														
25	7974	8094	8018	8147														
30	6451	6471	6493	6684														
35	4047	3854	3848	4248														
40	1946	1722	1839	2003														
45	963	939	983	992														
50	849	813	857	856														
55	695	661	688	695														
60	567	539	556	554														
65	437	403	409	421														
70	333	295	305	322														
75	239	199	207	230														
80	162	135	143	159														
85	108	96.3	101	111														
90	73.0	69.9	71.0	74.4														
95	60.0	60.0	58.5	59.3														
100	56.1	56.9	55.0	53.2														
105	50.5	50.8	50.4	47.7														
110	35.4	35.7	36.8	39.5														
115	31.0	31.2	31.1	30.9														
120	29.2	30.2	30.0	29.5														
125	30.3	31.7	31.0	30.3														
130	33.6	34.9	34.0	33.4														
135	37.8	39.2	37.4	37.2														
140	43.5	44.7	42.8	42.5														
145	48.6	49.8	47.9	47.6														
150	52.8	53.8	53.1	51.8														
155	56.9	58.0	58.1	56.1														
160	61.1	62.1	62.1	60.4														
165	65.8	66.6	67.0	65.2														
170	68.7	69.6	70.3	68.8														
175	71.2	72.4	72.5	72.2														
180	73.0	73.5	73.2	73.4														

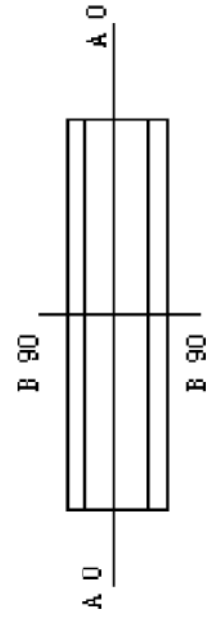
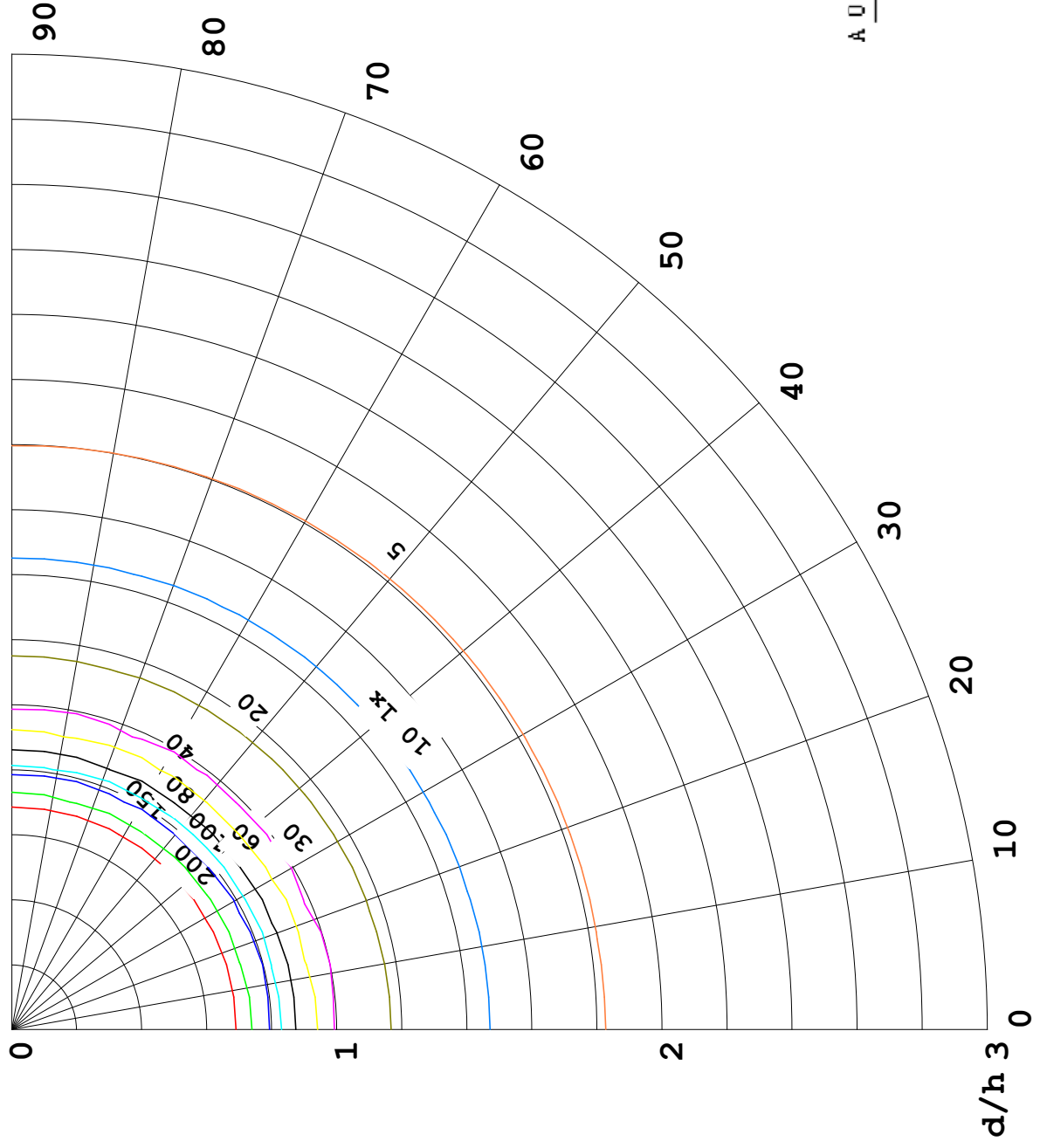
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: DEG
Operators:
Test Date: 2019-7-9

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 9.351m [K=1.0000]
Remarks:

I (cd)



1000 lm $\kappa = 1$



F = 5000 lm
K = 0.7
Hcc = 0.0 m
Hfc = 0.0 m
Eave = 100 lx

	Pcc	Pw	Pfc
————	70	50	30
————	50	30	20

