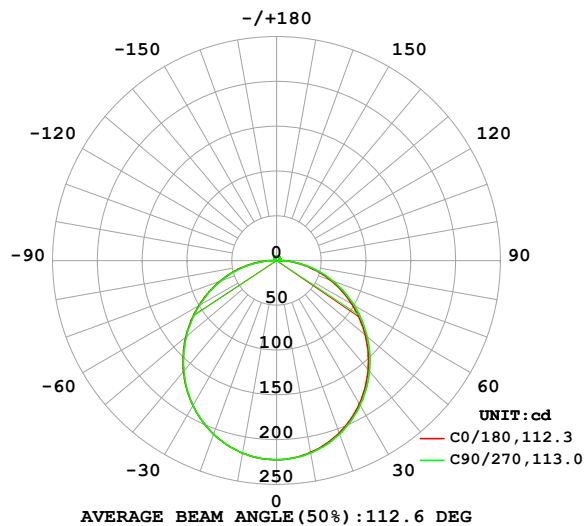


## LUMINAIRE PHOTOMETRIC TEST REPORT

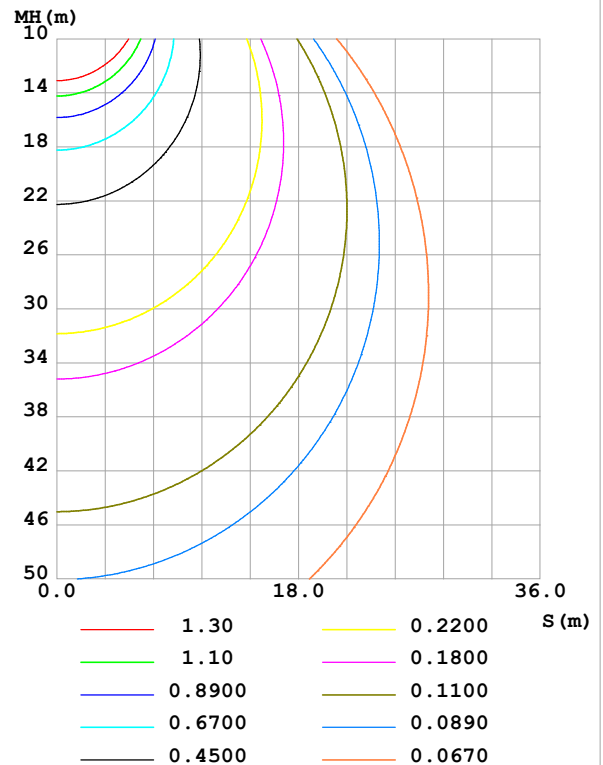
Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.18 lm/W			
MODEL		I <sub>max</sub> (cd)	222.3	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	676.42	η UP,DN(C0-180)	1.9,48.2
NOMINAL FLUX(lm)	676.416	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,48.2
LAMPS INSIDE	1	η up (%)	3.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down (%)	96.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [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	217.6	218.0	218.1	218.2	218.4	218.3	218.2	218.1	0- 10	21.02	21.02	3.11,3.11
20	204.7	205.6	206.1	206.2	206.2	206.4	206.1	205.8	10- 20	60.08	81.10	12,12
30	184.8	186.0	186.7	186.9	187.0	187.0	186.6	186.2	20- 30	90.76	171.9	25.4,25.4
40	159.1	160.6	161.4	161.7	161.8	161.7	161.1	160.6	30- 40	109.1	281.0	41.5,41.5
50	129.2	130.8	132.1	132.2	132.3	132.0	131.4	130.7	40- 50	113.1	394.0	58.3,58.3
60	96.99	98.61	100.3	100.1	100.2	99.74	99.20	98.45	50- 60	103.3	497.3	73.5,73.5
70	64.03	65.57	67.15	66.97	67.23	66.63	66.09	65.32	60- 70	81.86	579.2	85.6,85.6
80	31.79	33.10	34.17	34.33	34.77	34.03	33.41	32.77	70- 80	52.51	631.7	93.4,93.4
90	6.240	5.587	3.359	6.117	7.609	6.188	3.529	5.528	80- 90	19.86	651.5	96.3,96.3
100	2.983	3.046	3.145	3.108	2.882	3.378	3.253	3.317	90-100	3.800	655.3	96.9,96.9
110	3.397	3.438	3.547	3.460	3.072	3.583	3.369	3.539	100-110	3.480	658.8	97.4,97.4
120	3.811	3.716	3.868	3.868	3.426	3.846	3.634	3.438	110-120	3.563	662.4	97.9,97.9
130	4.199	4.041	4.185	4.235	3.823	4.143	3.967	3.999	120-130	3.503	665.9	98.4,98.4
140	4.559	4.373	4.480	4.600	4.223	4.475	4.484	4.361	130-140	3.298	669.2	98.9,98.9
150	4.887	4.696	4.933	4.955	4.626	4.827	4.880	4.777	140-150	2.897	672.1	99.4,99.4
160	5.212	5.212	5.278	5.291	5.040	5.184	5.221	5.132	150-160	2.308	674.4	99.7,99.7
170	5.293	5.466	5.538	5.525	5.207	5.473	5.518	5.445	160-170	1.507	675.9	99.9,99.9
180	5.394	5.620	5.671	5.632	5.394	5.622	5.674	5.644	170-180	0.5271	676.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 337.9 lm

%lum = 50.0%

%lamp = 50.0%

Conical surface Flux(130deg): 541.51 lm

%lum = 80.1%

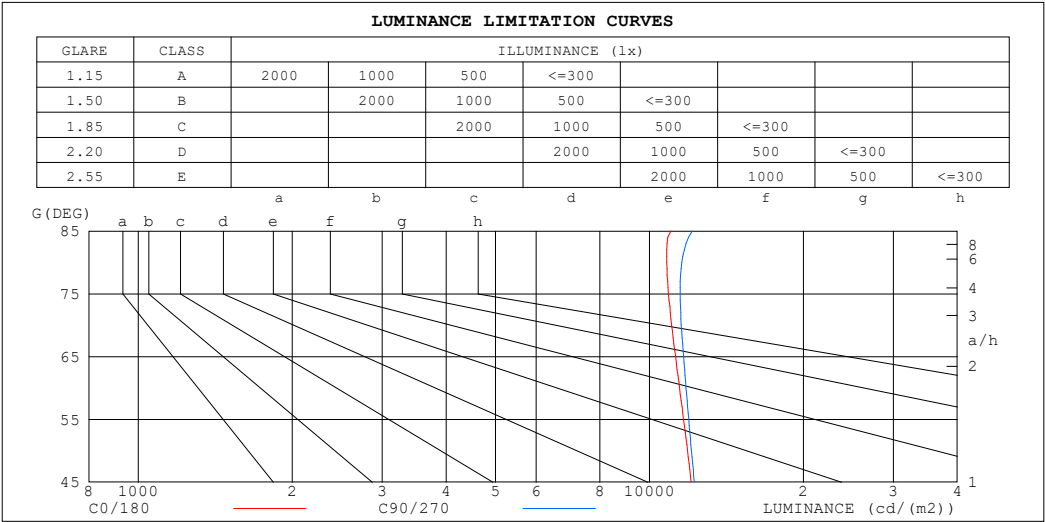
%lamp = 80.1%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:Cloud  
 Test Date:2024-10-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
 Humidity:65.0%  
 Test Distance:6.360m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11009	12127
80	10805	11565
75	10894	11478
70	11050	11538
65	11246	11662
60	11448	11792
55	11658	11932
50	11865	12078
45	12063	12233

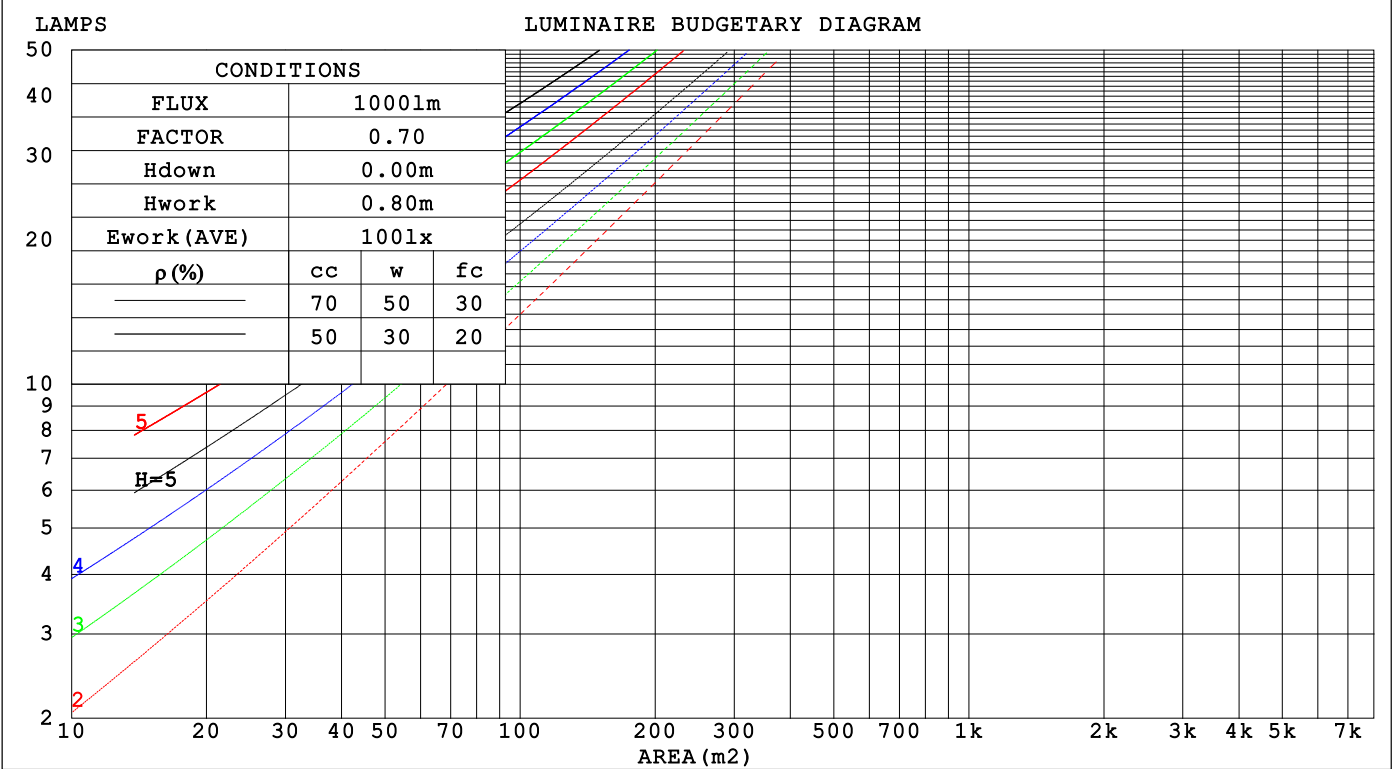
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz		
Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	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															



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	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	.325	.185	.059	.317	.181	.057	.301	.173	.055	.287	.166	.053	.274	.159	.051															
2.0	.300	.165	.050	.293	.161	.050	.279	.155	.048	.267	.150	.047	.255	.144	.045															
3.0	.275	.147	.044	.269	.144	.043	.257	.139	.042	.245	.134	.041	.235	.130	.040															
4.0	.253	.131	.039	.247	.129	.038	.236	.125	.037	.226	.121	.037	.216	.118	.036															
5.0	.233	.119	.034	.228	.117	.034	.218	.113	.033	.209	.110	.033	.200	.107	.032															
6.0	.215	.108	.031	.211	.106	.031	.202	.103	.030	.194	.101	.030	.186	.098	.029															
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.180	.093	.027	.174	.090	.026															
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.169	.086	.025	.163	.083	.024															
9.0	.174	.084	.024	.171	.083	.023	.165	.081	.023	.159	.079	.023	.153	.078	.022															
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.144	.073	.021															

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	.219	.219	.219	.187	.187	.187	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.210	.184	.161	.179	.158	.139	.123	.109	.096	.071	.063	.056	.023	.020	.018	
2.0	.202	.160	.125	.173	.138	.108	.118	.095	.076	.068	.056	.044	.022	.018	.014	
3.0	.194	.143	.102	.166	.123	.089	.114	.086	.062	.066	.050	.037	.021	.016	.012	
4.0	.186	.130	.087	.160	.112	.075	.110	.078	.053	.064	.046	.031	.020	.015	.010	
5.0	.179	.120	.076	.154	.103	.066	.106	.072	.046	.061	.042	.028	.020	.014	.009	
6.0	.172	.111	.068	.148	.096	.059	.102	.067	.042	.059	.040	.025	.019	.013	.008	
7.0	.165	.104	.062	.142	.090	.054	.098	.063	.038	.057	.037	.023	.018	.012	.008	
8.0	.158	.099	.058	.136	.086	.050	.094	.060	.036	.055	.035	.021	.018	.012	.007	
9.0	.152	.094	.054	.131	.081	.047	.091	.057	.034	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.052	.126	.078	.045	.088	.055	.032	.051	.032	.019	.017	.011	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm										
NAME: SF16-24V-3528-144-6500-80					TYPE:			WEIGHT:		
SPEC.:					DIM.: Length=1m			SERIAL No.:		
MFR.:					SUR.:			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	22.5	24.0	22.8	24.3	24.5	22.6	24.1	22.9	24.4	24.7
3H	24.2	25.5	24.5	25.8	26.1	24.3	25.7	24.7	26.0	26.3
4H	24.9	26.2	25.2	26.5	26.8	25.1	26.4	25.4	26.7	27.0
6H	25.5	26.7	25.9	27.0	27.4	25.7	26.9	26.1	27.3	27.6
8H	25.7	26.9	26.1	27.2	27.6	25.9	27.1	26.3	27.5	27.9
12H	25.9	27.0	26.3	27.4	27.8	26.1	27.3	26.5	27.6	28.0
4H 2H	23.2	24.5	23.5	24.8	25.1	23.2	24.5	23.6	24.9	25.2
3H	25.0	26.1	25.4	26.5	26.9	25.1	26.3	25.5	26.6	27.0
4H	25.9	26.9	26.3	27.3	27.7	26.0	27.1	26.5	27.5	27.9
6H	26.6	27.5	27.1	28.0	28.4	26.8	27.7	27.3	28.2	28.6
8H	26.9	27.8	27.4	28.2	28.7	27.1	28.0	27.6	28.4	28.9
12H	27.1	27.9	27.6	28.4	28.9	27.4	28.2	27.9	28.6	29.1
8H 4H	26.2	27.1	26.7	27.5	28.0	26.3	27.2	26.8	27.6	28.1
6H	27.1	27.9	27.6	28.3	28.8	27.3	28.0	27.8	28.5	29.0
8H	27.5	28.2	28.1	28.7	29.2	27.7	28.4	28.3	28.9	29.4
12H	27.9	28.4	28.4	28.9	29.5	28.1	28.7	28.7	29.2	29.8
12H 4H	26.2	27.0	26.7	27.5	28.0	26.4	27.2	26.9	27.6	28.1
6H	27.2	27.9	27.7	28.4	28.9	27.4	28.0	27.9	28.5	29.1
8H	27.7	28.2	28.2	28.8	29.3	27.9	28.4	28.4	29.0	29.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 676.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.4)  
Area: 0.017 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

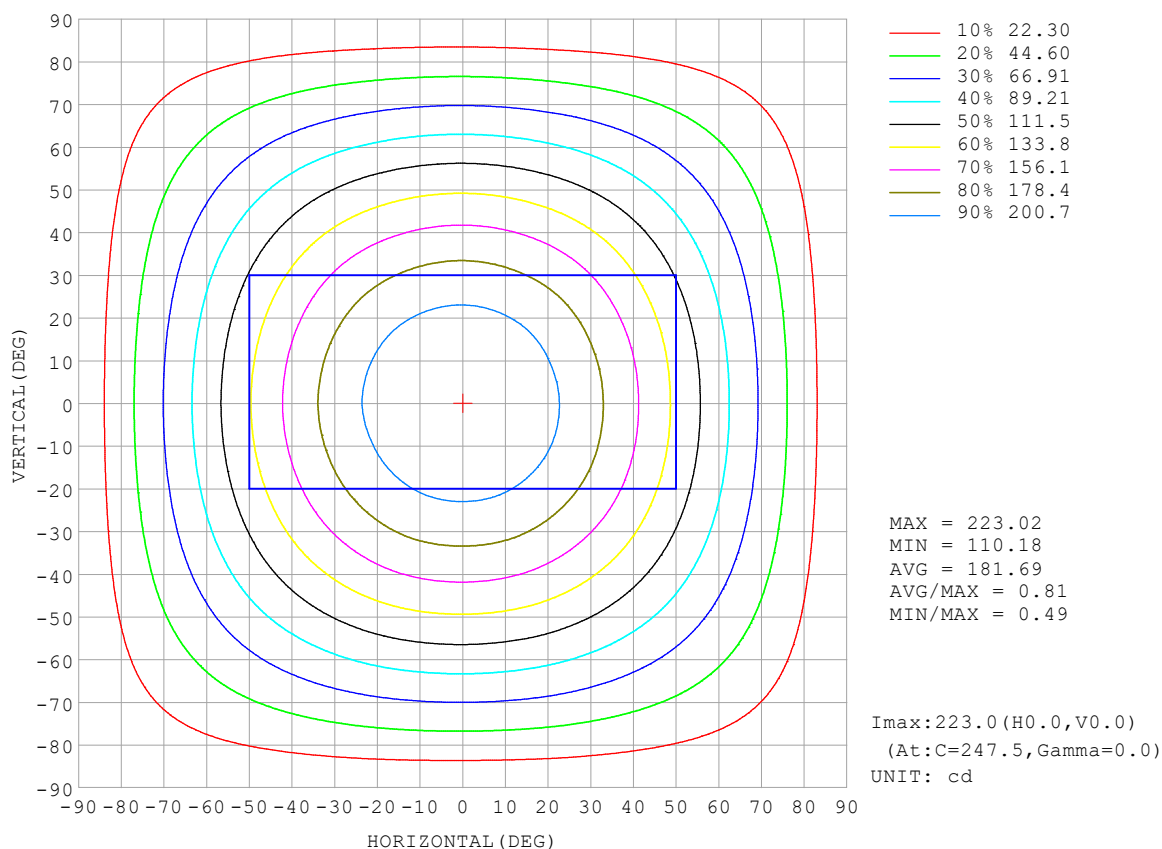
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	55	70	63	54	46
1.25	81	70	63	79	69	62	76	67	61	53
1.50	86	76	68	84	74	68	80	72	66	58
2.00	93	84	77	91	82	76	87	80	74	65
2.50	97	89	82	94	87	81	90	84	79	70
3.00	100	93	87	98	91	86	93	88	83	74
4.00	104	98	93	102	96	92	97	92	89	78
5.00	107	102	97	104	100	96	99	95	92	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: Cloud  
 Test Date: 2024-10-31

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
 Humidity: 65.0%  
 Test Distance: 6.360m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



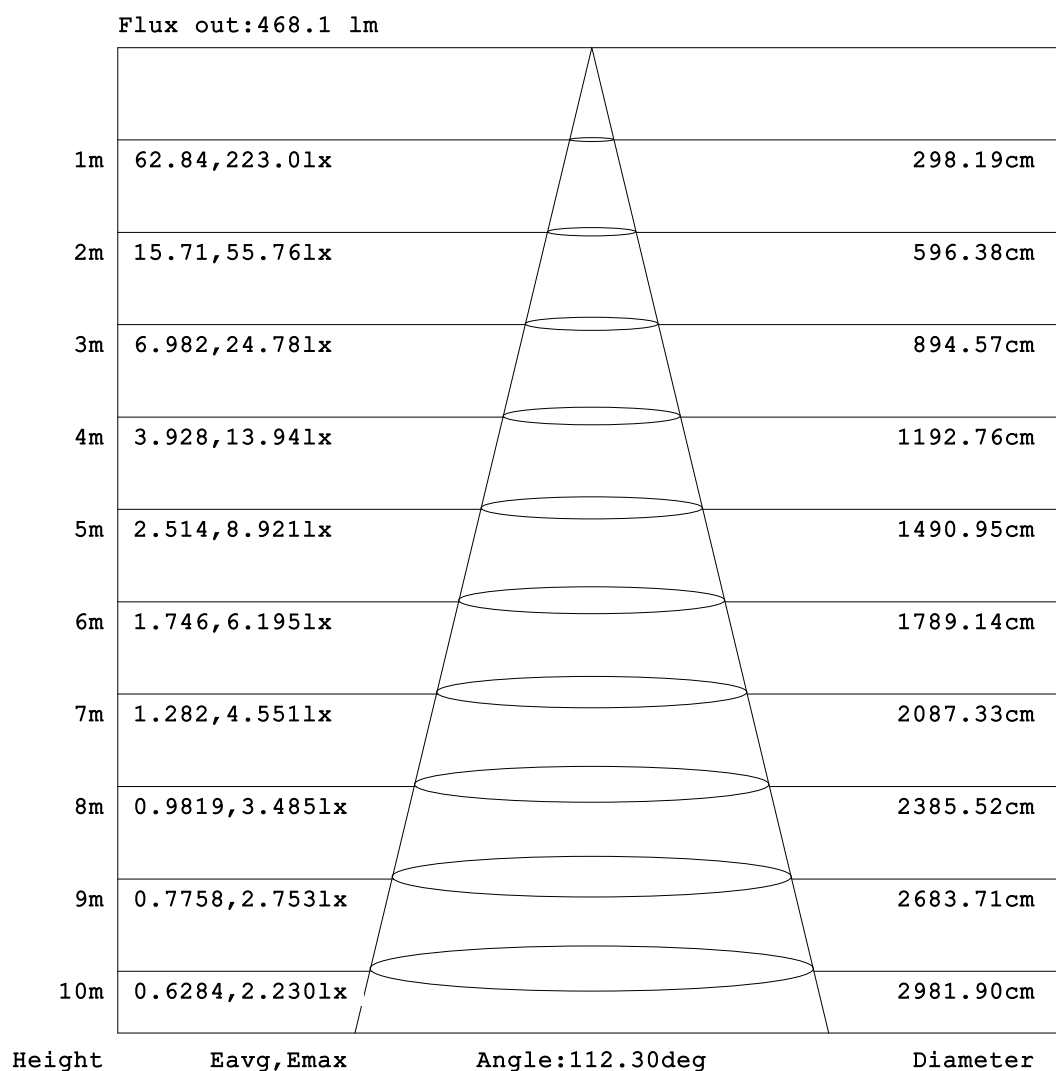
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



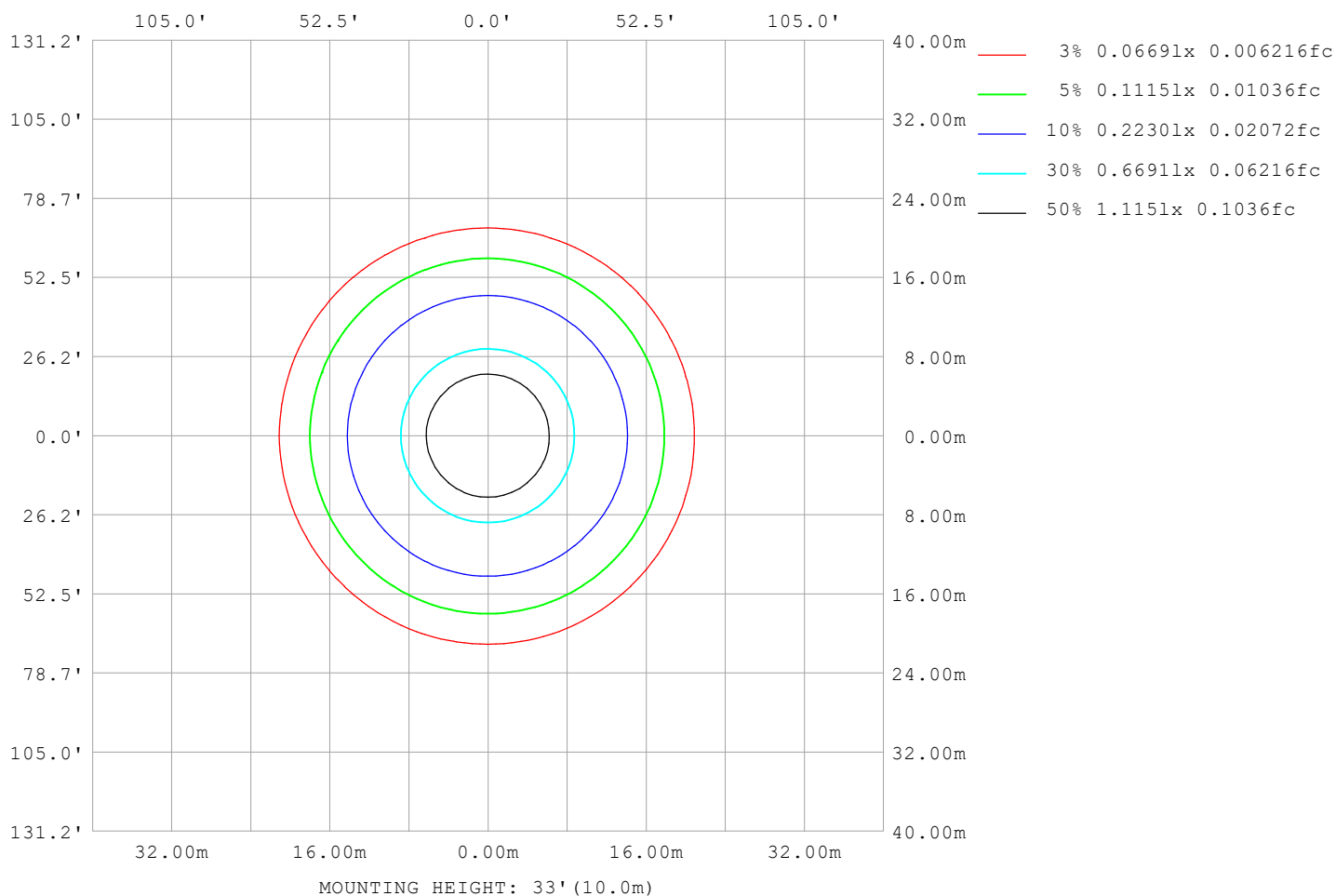
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Cloud  
Test Date: 2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity: 65.0%  
Test Distance: 6.360m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity: 65.0%  
Test Distance: 6.360m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm		
NAME: SF16-24V-3528-144-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

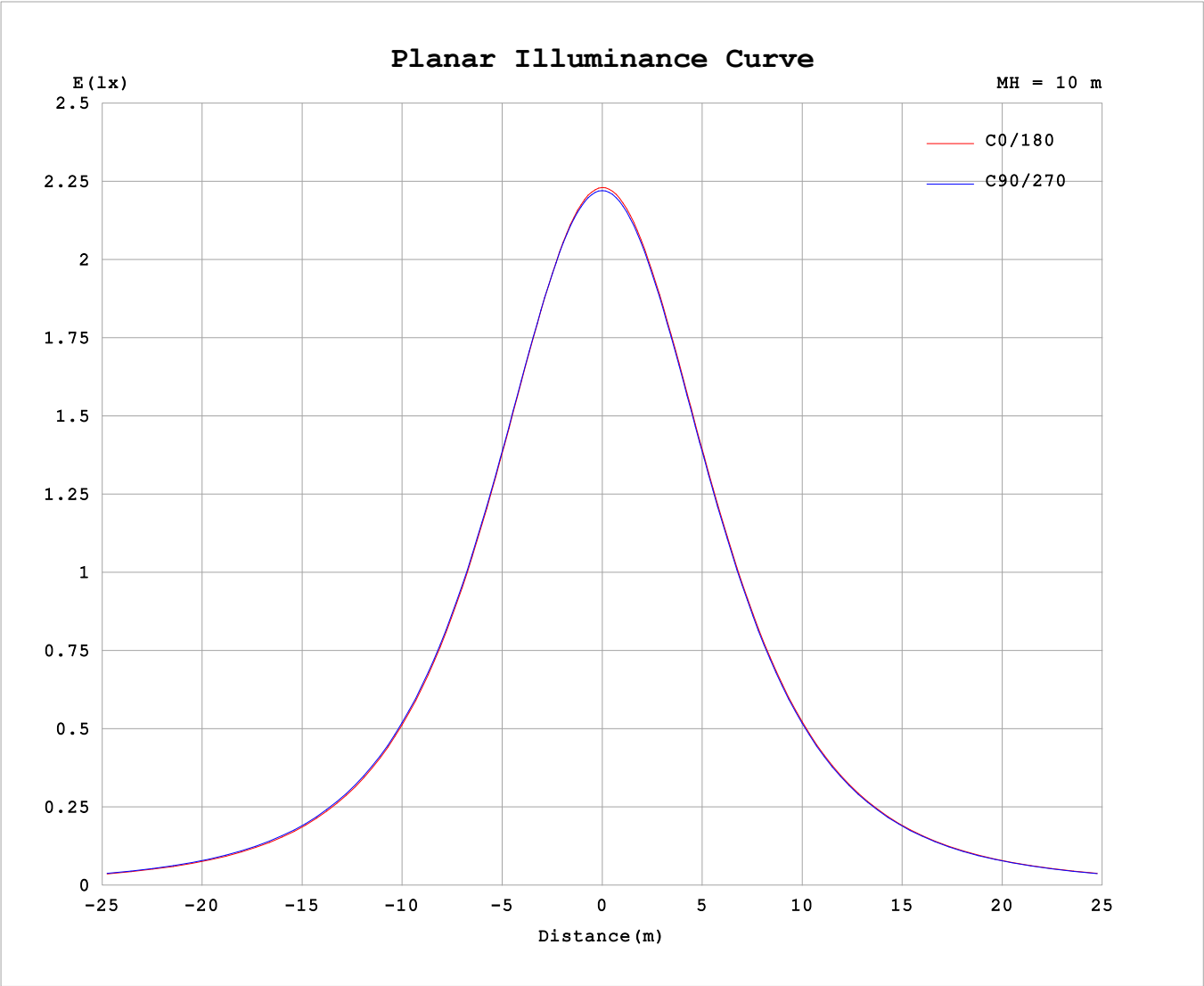
AvgL	cd/m2
L_0~180 (65) av	11431
L_0~180 (75) av	11210
L_0~180 (85) av	11906
L_90~270 (65) av	11591
L_90~270 (75) av	11385
L_90~270 (85) av	11921
L_45 (65) av	11509
L_45 (75) av	11301
L_45 (85) av	11911

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3℃	Humidity:65.0%
Operators:Cloud	Test Distance:6.360m [K=1.0000]
Test Date:2024-10-31	Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:676.416x1 lm																	
NAME: SF16-24V-3528-144-6500-80									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

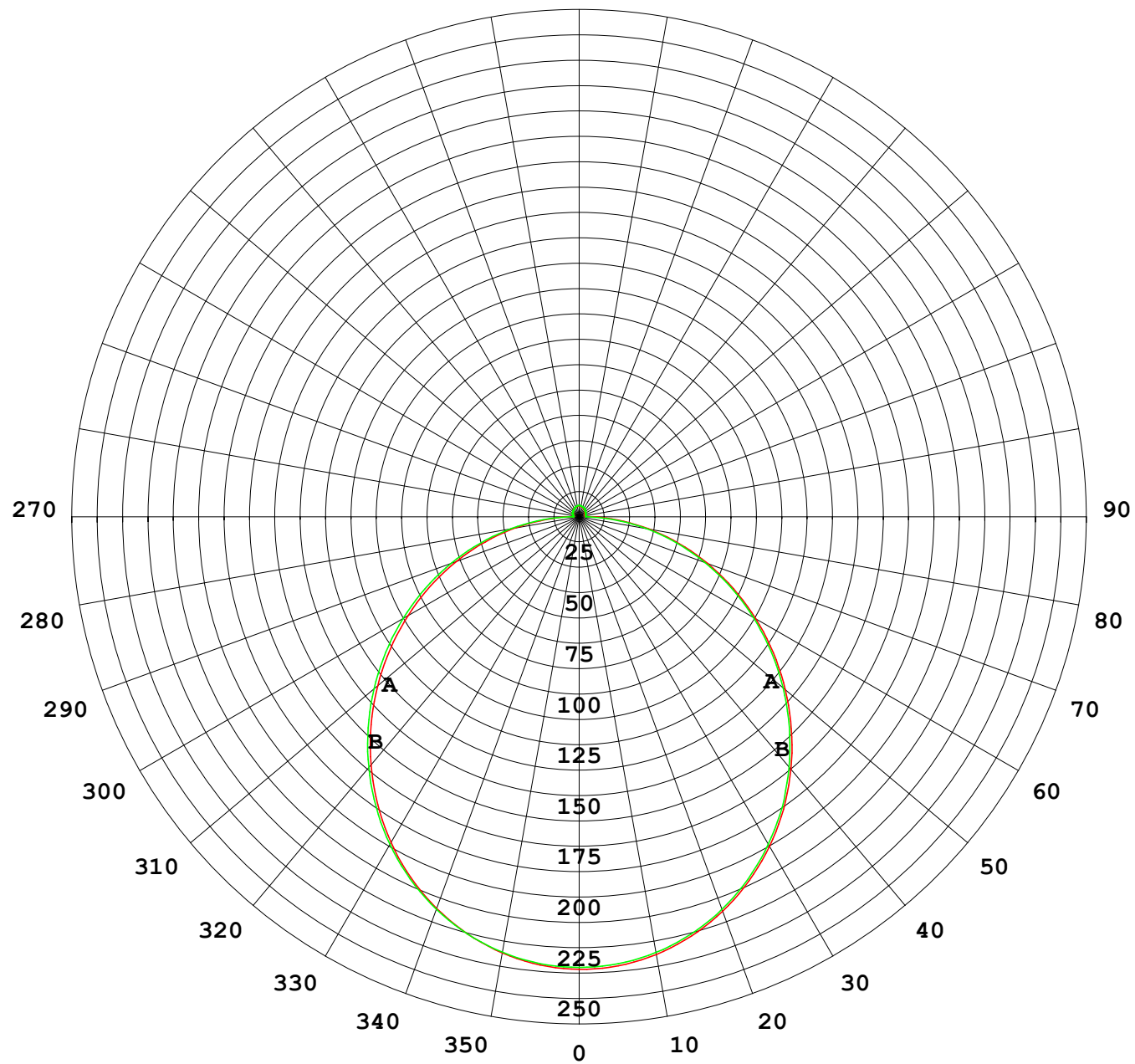
UNIT: cd

C (DEG) γ (DEG)		0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222			
5	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221			
10	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218			
15	212	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	212			
20	205	205	206	206	206	206	206	206	206	206	206	206	206	206	206	206	205			
25	196	196	197	197	197	197	197	197	197	197	197	198	197	197	197	197	196			
30	185	186	186	187	187	187	187	187	187	187	187	187	187	187	186	186	185			
35	173	173	174	175	175	175	175	175	175	175	175	175	175	175	174	174	173			
40	159	160	161	161	161	162	162	162	162	162	162	162	161	161	161	161	160			
45	145	145	146	147	147	148	147	147	147	147	147	147	147	147	146	146	145			
50	129	130	131	132	132	133	132	132	132	132	132	132	131	131	131	131	130			
55	113	114	115	116	116	117	116	116	116	116	116	116	116	115	115	115	114			
60	97.0	97.9	98.6	99.9	100	101	100	100	100	100	99.8	99.7	99.3	99.2	98.7	98.5	97.8			
65	80.5	81.4	82.1	83.4	83.9	84.0	83.5	83.5	83.7	83.3	83.2	82.7	82.7	82.1	81.9	81.3				
70	64.0	64.9	65.6	66.7	67.1	67.3	67.0	67.0	67.2	66.8	66.6	66.1	66.1	65.5	65.3	64.8				
75	47.8	48.6	49.2	50.2	50.5	50.8	50.5	50.6	50.9	50.4	50.2	49.7	49.6	49.1	48.9	48.5				
80	31.8	32.6	33.1	34.0	34.2	34.5	34.3	34.5	34.8	34.3	34.0	33.5	33.4	32.9	32.8	32.4				
85	16.3	16.9	17.2	17.9	18.0	18.3	18.4	18.7	19.0	18.5	18.1	17.4	17.3	16.8	16.9	16.7				
90	6.24	6.27	5.59	4.54	3.36	4.71	6.12	7.28	7.61	7.11	6.19	4.64	3.53	4.34	5.53	6.16				
95	2.83	2.88	2.94	2.98	3.00	2.98	3.17	3.27	3.04	3.27	3.45	3.44	3.37	3.40	3.21	2.87				
100	2.98	3.03	3.05	3.08	3.15	3.12	3.11	3.18	2.88	3.12	3.38	3.46	3.25	3.45	3.32	2.99				
105	3.19	3.22	3.23	3.28	3.35	3.33	3.26	3.27	2.93	3.14	3.46	3.55	3.26	3.51	3.44	3.14				
110	3.40	3.42	3.44	3.51	3.55	3.54	3.46	3.44	3.07	3.27	3.58	3.65	3.37	3.54	3.54	3.30				
115	3.60	3.63	3.63	3.66	3.71	3.74	3.67	3.64	3.24	3.42	3.71	3.78	3.49	3.60	3.56	3.46				
120	3.81	3.83	3.72	3.82	3.87	3.93	3.87	3.84	3.43	3.58	3.85	3.90	3.63	3.52	3.44	3.63				
125	4.01	4.02	3.88	3.99	4.03	4.11	4.05	4.04	3.62	3.75	3.99	4.04	3.78	3.60	3.80	3.80				
130	4.20	4.21	4.04	4.15	4.19	4.29	4.24	4.22	3.82	3.93	4.14	4.19	3.97	4.00	4.00	3.95				
135	4.38	4.38	4.21	4.30	4.33	4.45	4.42	4.40	4.02	4.11	4.30	4.34	4.20	4.17	4.07	4.13				
140	4.56	4.36	4.37	4.45	4.48	4.63	4.60	4.58	4.22	4.30	4.47	4.51	4.48	4.39	4.36	4.27				
145	4.73	4.51	4.53	4.61	4.63	4.81	4.78	4.77	4.42	4.49	4.65	4.69	4.70	4.59	4.61	4.33				
150	4.89	4.68	4.70	4.78	4.93	4.99	4.96	4.94	4.63	4.69	4.83	4.85	4.88	4.81	4.78	4.52				
155	5.06	4.84	4.85	5.10	5.11	5.16	5.13	5.12	4.84	4.89	5.01	5.03	5.05	4.99	4.96	4.85				
160	5.21	5.06	5.21	5.26	5.28	5.33	5.29	5.28	5.04	5.07	5.18	5.20	5.22	5.17	5.13	5.05				
165	5.36	5.20	5.35	5.41	5.42	5.47	5.42	5.42	5.23	5.25	5.34	5.35	5.38	5.32	5.29	5.23				
170	5.29	5.37	5.47	5.53	5.54	5.58	5.53	5.53	5.21	5.40	5.47	5.49	5.52	5.46	5.44	5.39				
175	5.34	5.57	5.56	5.63	5.62	5.65	5.60	5.60	5.33	5.52	5.58	5.59	5.63	5.58	5.56	5.51				
180	5.39	5.61	5.62	5.66	5.67	5.68	5.63	5.62	5.39	5.59	5.62	5.66	5.67	5.67	5.64	5.61				

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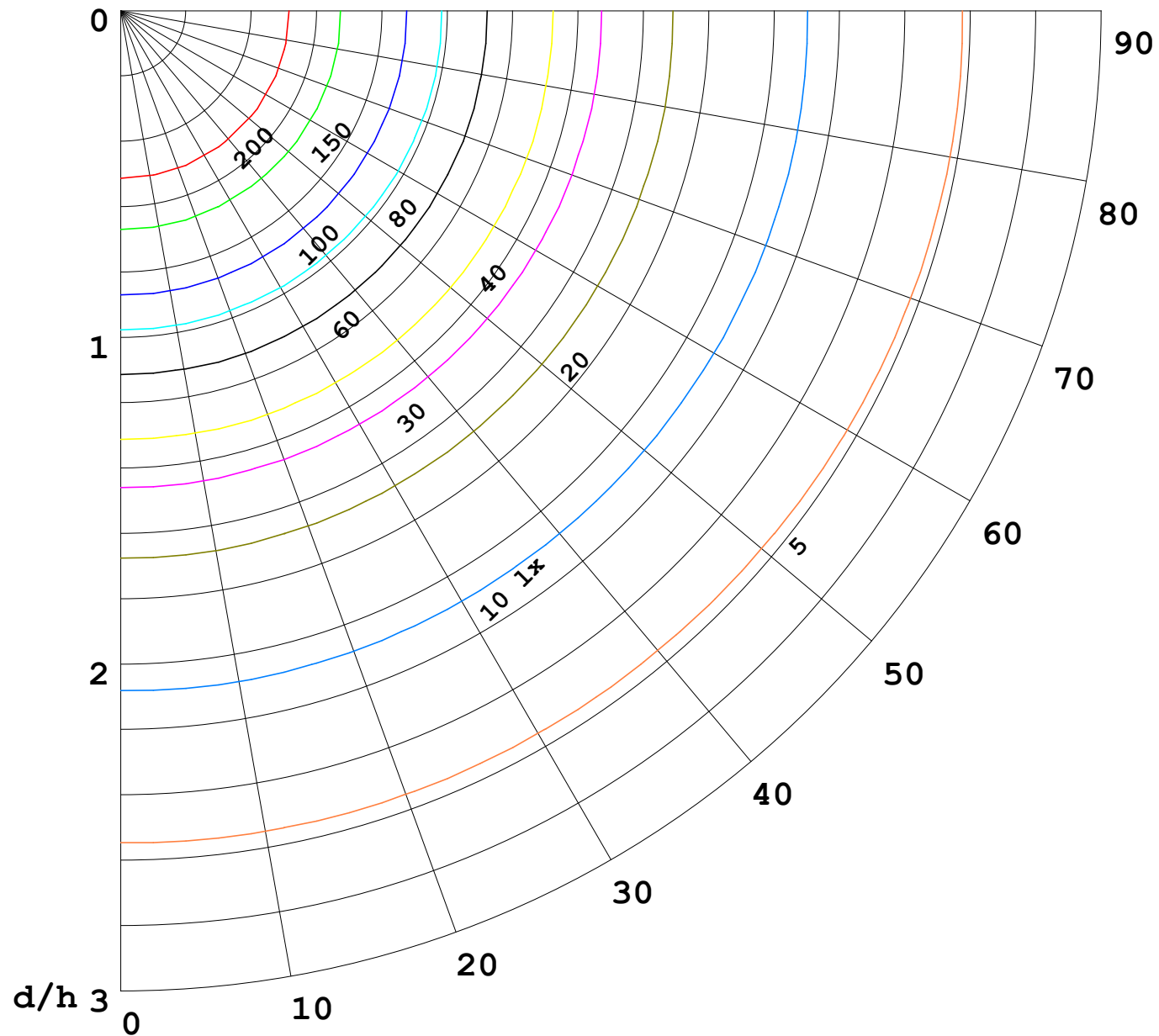
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

I (cd)



1000 lm

$\kappa = 1$



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

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

