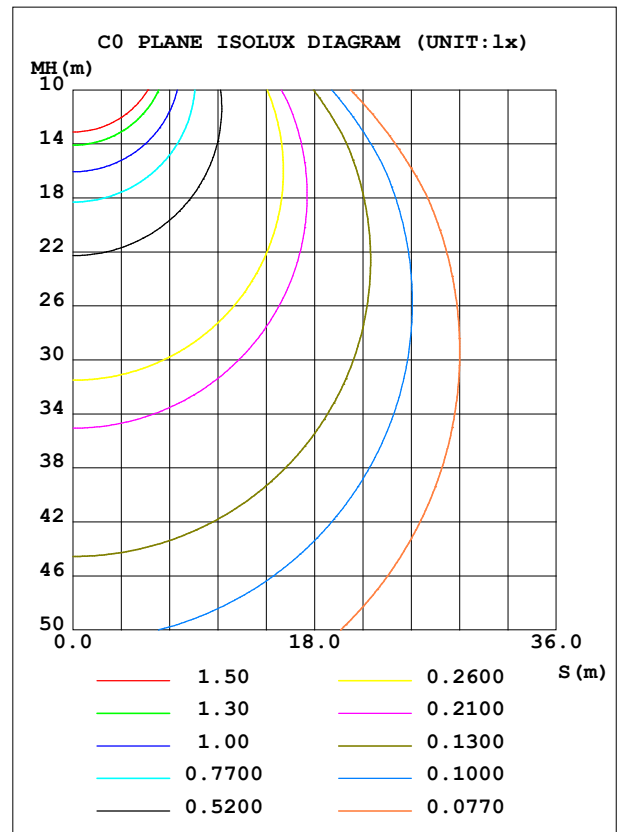
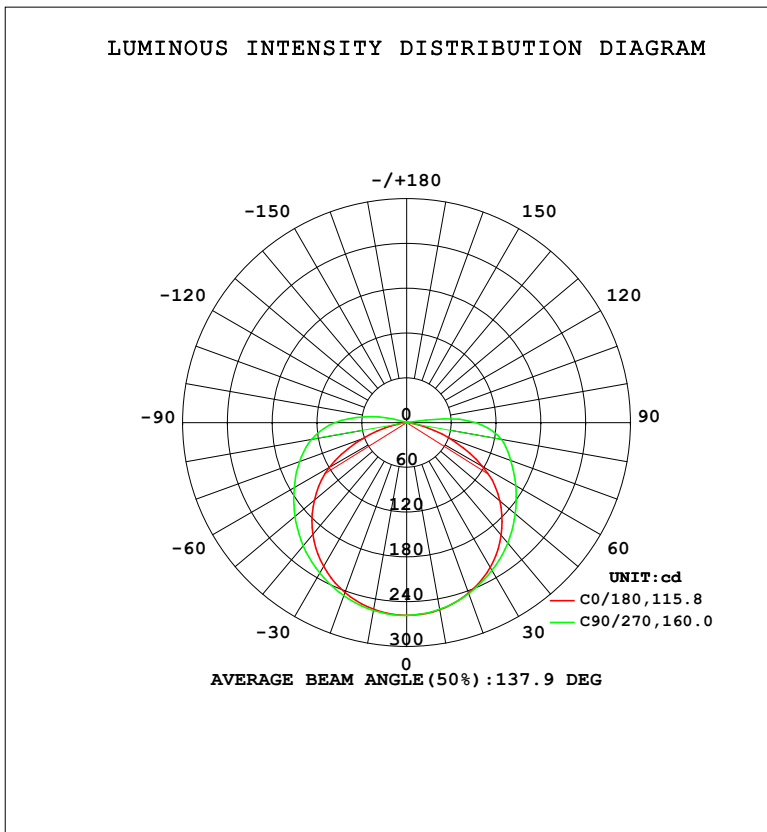


**LUMINAIRE PHOTOMETRIC TEST REPORT**

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 108.98 lm/W
MODEL	4000K RA90	I <sub>max</sub> (cd)	258.2	S/MH (C0/180)	1.28	
NOMINAL POWER (W)	10	LOR (%)	50.2	S/MH (C90/270)	1.35	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	992.01	η UP, DN (C0-180)	0.8, 23.8	
NOMINAL FLUX (lm)	3.85953	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 24.2	
LAMPS INSIDE	512	η up (%)	2.2	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	24	η down (%)	48.0	CIBSE SHR MAX	1.55	



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [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	254.5	254.1	254.0	253.8	254.0	255.0	255.6	255.2	0- 10	24.47	24.47	2.47,1.24
20	243.1	243.0	243.7	242.4	242.1	244.7	246.6	245.2	10- 20	70.63	95.10	9.59,4.81
30	223.9	225.4	228.8	224.5	222.5	227.7	232.7	228.5	20- 30	108.9	204.0	20.6,10.3
40	197.1	202.9	210.8	201.8	195.5	205.5	215.7	206.8	30- 40	135.4	339.4	34.2,17.2
50	162.8	176.4	190.2	175.3	161.6	179.5	195.4	181.0	40- 50	147.9	487.3	49.1,24.7
60	117.0	147.6	168.8	146.6	120.0	150.8	174.1	152.6	50- 60	145.8	633.1	63.8,32
70	60.84	120.2	148.5	119.4	62.88	122.8	152.7	125.0	60- 70	130.4	763.5	77,38.6
80	11.42	96.15	129.0	95.48	12.53	96.61	129.3	98.72	70- 80	106.8	870.3	87.7,44
90	0.1865	61.17	92.71	60.88	0.2101	61.52	96.21	65.06	80- 90	78.48	948.8	95.6,48
100	0.2179	0.4131	5.581	0.4565	0.2680	18.29	48.01	19.04	90-100	36.04	984.8	99.3,49.8
110	0.3045	0.4210	0.5130	0.4173	0.3441	0.4726	2.694	0.4306	100-110	4.806	989.6	99.8,50.1
120	0.3964	0.4646	0.5162	0.4777	0.4334	0.5251	0.5405	0.4883	110-120	0.4681	990.1	99.8,50.1
130	0.4883	0.5198	0.5483	0.5276	0.5201	0.5751	0.5773	0.5409	120-130	0.4562	990.6	99.9,50.1
140	0.5750	0.5827	0.5929	0.5984	0.6067	0.6171	0.6271	0.5907	130-140	0.4397	991.0	99.9,50.2
150	0.6512	0.6510	0.6506	0.6589	0.6828	0.6774	0.6560	0.6590	140-150	0.3954	991.4	99.9,50.2
160	0.7194	0.7140	0.7162	0.7218	0.7432	0.7326	0.7242	0.7220	150-160	0.3200	991.7	100,50.2
170	0.7694	0.7640	0.7713	0.7665	0.7957	0.7850	0.7897	0.7797	160-170	0.2123	991.9	100,50.2
180	0.8009	0.7981	0.8002	0.7954	0.8009	0.7981	0.8002	0.7980	170-180	0.0750	992.0	100,50.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 427.63 lm

%lum = 43.1%

%lamp = 21.6%

Conical surface Flux(120deg): 633.13 lm

%lum = 63.8%

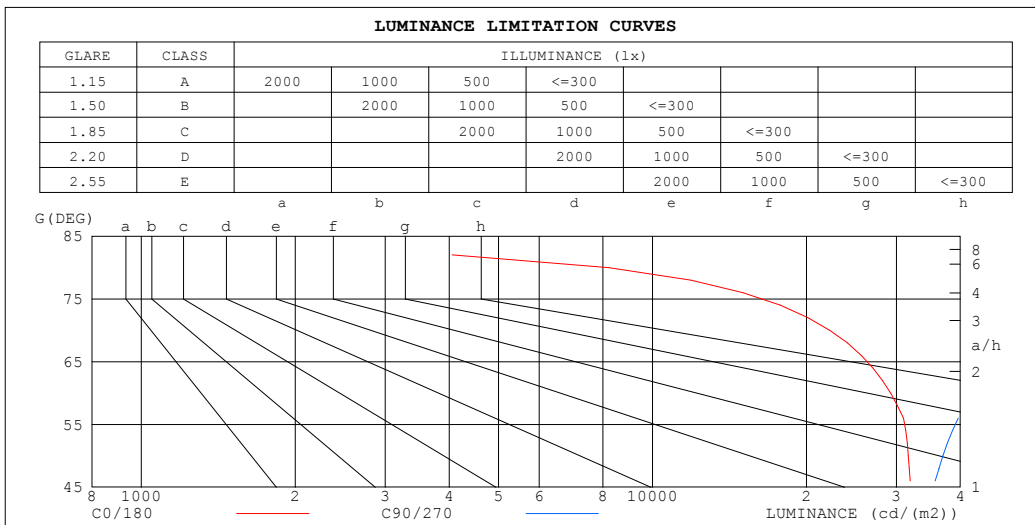
%lamp = 32.0%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-12-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:6.040m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

<b>NAME:</b> COB 512D IP20	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.:</b>	<b>SUR.: 0.008*1</b>	<b>Shielding Angle:</b>



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	459	167901
80	8219	92908
75	18930	68152
70	22227	54290
65	27968	47517
60	29227	42216
55	32070	39583
50	31655	36997
45	32559	35852

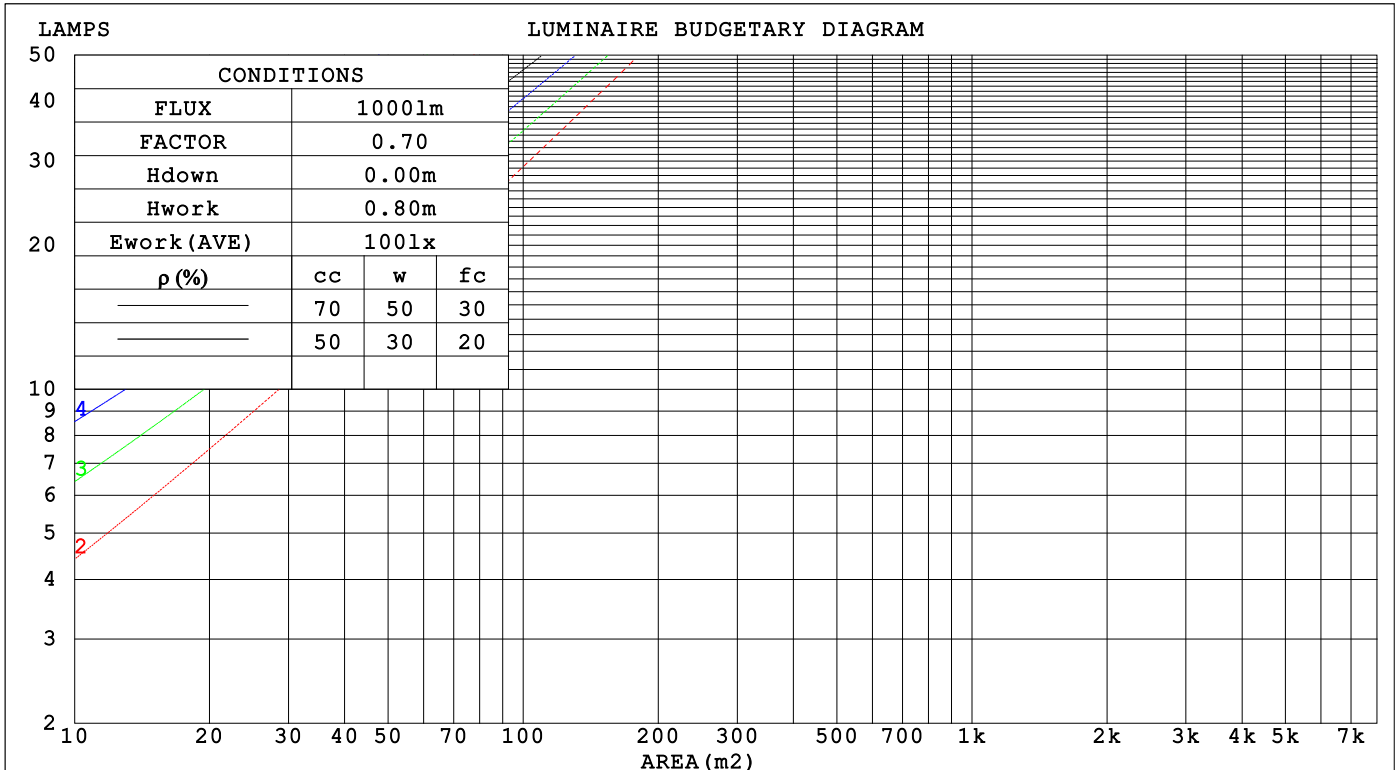
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	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						Coefficients of Utilization(CU)									
0.0	.59	.59	.59	.58	.58	.58	.55	.55	.55	.52	.52	.52	.49	.49	.49	.48
1.0	.49	.47	.44	.48	.45	.43	.45	.43	.41	.43	.41	.40	.41	.39	.38	.37
2.0	.42	.38	.35	.41	.37	.34	.39	.36	.33	.37	.34	.32	.35	.33	.31	.29
3.0	.37	.32	.28	.36	.31	.28	.34	.30	.27	.32	.29	.26	.30	.28	.25	.24
4.0	.32	.27	.23	.31	.27	.23	.30	.26	.23	.28	.25	.22	.27	.24	.21	.20
5.0	.28	.24	.20	.28	.23	.20	.26	.22	.19	.25	.22	.19	.24	.21	.18	.17
6.0	.26	.21	.17	.25	.20	.17	.24	.20	.17	.23	.19	.16	.22	.19	.16	.15
7.0	.23	.18	.15	.23	.18	.15	.22	.18	.15	.21	.17	.14	.20	.17	.14	.13
8.0	.21	.16	.13	.21	.16	.13	.20	.16	.13	.19	.15	.13	.18	.15	.13	.12
9.0	.19	.15	.12	.19	.15	.12	.18	.14	.12	.17	.14	.12	.17	.14	.11	.10
10.0	.18	.14	.11	.17	.13	.11	.17	.13	.11	.16	.13	.10	.15	.12	.10	.09



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [K=1.0000]  
 Remarks:

WEC AND CCEC

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	Shielding Angle:

$\rho_{cc}$	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	.199	.113	.036	.195	.111	.035	.186	.107	.034	.179	.103	.033	.172	.100	.032	
2.0	.173	.095	.029	.169	.093	.029	.161	.090	.028	.155	.087	.027	.149	.084	.026	
3.0	.153	.082	.024	.150	.080	.024	.143	.078	.024	.137	.075	.023	.132	.073	.023	
4.0	.138	.072	.021	.135	.071	.021	.129	.068	.020	.124	.066	.020	.119	.064	.020	
5.0	.125	.064	.018	.122	.063	.018	.117	.061	.018	.112	.059	.018	.108	.058	.017	
6.0	.115	.057	.016	.112	.057	.016	.107	.055	.016	.103	.054	.016	.099	.052	.015	
7.0	.106	.052	.015	.103	.052	.015	.099	.050	.014	.095	.049	.014	.092	.048	.014	
8.0	.098	.048	.013	.096	.047	.013	.092	.046	.013	.089	.045	.013	.085	.044	.013	
9.0	.091	.044	.012	.089	.044	.012	.086	.042	.012	.083	.041	.012	.080	.040	.012	
10.0	.085	.041	.011	.084	.040	.011	.081	.039	.011	.078	.039	.011	.075	.038	.011	

$\rho_{cc}$	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	.112	.112	.112	.096	.096	.096	.065	.065	.065	.038	.038	.038	.012	.012	.012	
1.0	.110	.095	.081	.094	.081	.070	.065	.056	.048	.037	.032	.028	.012	.010	.009	
2.0	.107	.083	.063	.092	.071	.054	.063	.049	.038	.036	.029	.022	.012	.009	.007	
3.0	.103	.074	.052	.088	.064	.045	.061	.045	.032	.035	.026	.019	.011	.008	.006	
4.0	.099	.068	.044	.085	.059	.039	.058	.041	.027	.034	.024	.016	.011	.008	.005	
5.0	.095	.063	.039	.082	.054	.034	.056	.038	.024	.033	.022	.014	.010	.007	.005	
6.0	.091	.059	.036	.078	.051	.031	.054	.036	.022	.031	.021	.013	.010	.007	.004	
7.0	.087	.055	.033	.075	.048	.029	.052	.034	.020	.030	.020	.012	.010	.007	.004	
8.0	.084	.053	.031	.072	.046	.027	.050	.032	.019	.029	.019	.011	.009	.006	.004	
9.0	.081	.050	.029	.069	.043	.026	.048	.031	.018	.028	.018	.011	.009	.006	.004	
10.0	.078	.048	.028	.067	.042	.025	.046	.029	.018	.027	.017	.010	.009	.006	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-12-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:6.040m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

NAME: COB 512D IP20		TYPE:					WEIGHT:					
SPEC.:		DIM.:					SERIAL No.:					
MFR.:		SUR.: 0.008*1					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		21.8	23.4	22.1	23.7	24.0	23.2	24.8	23.5	25.1	25.4	
	3H	23.2	24.7	23.6	25.0	25.4	25.9	27.3	26.2	27.7	28.0	
	4H	23.7	25.1	24.1	25.4	25.8	27.4	28.8	27.8	29.1	29.5	
	6H	23.9	25.2	24.3	25.6	26.0	29.1	30.4	29.5	30.7	31.1	
	8H	23.9	25.2	24.3	25.6	26.0	30.0	31.3	30.4	31.6	32.0	
	12H	23.9	25.1	24.3	25.5	25.9	31.0	32.2	31.4	32.6	33.0	
	4H	2H	22.8	24.2	23.2	24.6	24.9	23.9	25.3	24.2	25.6	26.0
		3H	24.6	25.8	25.0	26.2	26.6	26.8	28.0	27.2	28.4	28.8
		4H	25.3	26.5	25.8	26.9	27.3	28.5	29.6	28.9	30.0	30.5
		6H	25.8	26.8	26.3	27.3	27.7	30.4	31.4	30.9	31.9	32.3
		8H	25.9	26.9	26.4	27.3	27.8	31.4	32.4	31.9	32.9	33.3
		12H	26.0	26.9	26.5	27.3	27.8	32.6	33.5	33.1	33.9	34.4
	8H	4H	26.4	27.4	26.9	27.8	28.3	28.9	29.9	29.4	30.3	30.8
		6H	27.3	28.2	27.9	28.7	29.2	31.1	31.9	31.6	32.4	33.0
		8H	27.7	28.5	28.3	29.0	29.5	32.4	33.1	32.9	33.6	34.2
		12H	28.0	28.7	28.6	29.2	29.8	33.8	34.4	34.3	34.9	35.5
	12H	4H	26.7	27.6	27.2	28.1	28.6	28.9	29.8	29.4	30.3	30.8
		6H	28.0	28.7	28.5	29.2	29.8	31.3	32.0	31.8	32.5	33.1
		8H	28.6	29.2	29.1	29.7	30.3	32.6	33.3	33.2	33.8	34.4
Variations with the observer position at spacings(CIE Pub.117):												
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H		+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117, 1976 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.4)  
 Area: 0.008 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-12-18

γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:6.040m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	Shielding Angle:

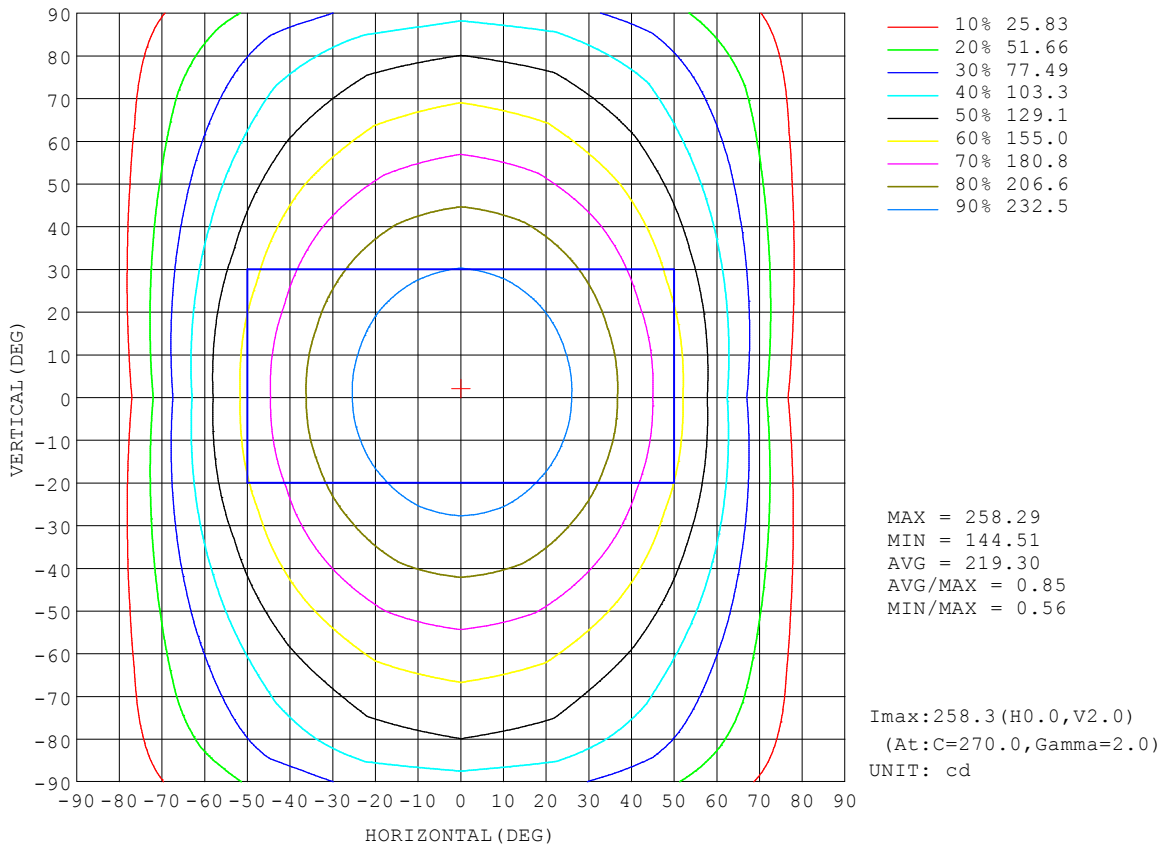
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	26	20	16	26	20	16	25	19	16	12
0.80	31	24	20	30	24	20	29	23	20	16
1.00	35	28	24	34	28	24	33	29	24	20
1.25	38	32	28	37	31	27	36	31	27	23
1.50	41	35	30	40	34	30	38	33	30	25
2.00	44	39	35	43	38	34	41	37	34	29
2.50	46	41	38	45	41	37	43	39	36	31
3.00	48	44	40	47	43	40	45	41	38	33
4.00	51	47	44	49	46	43	47	44	41	36
5.00	52	49	46	51	48	45	48	45	43	38
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: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

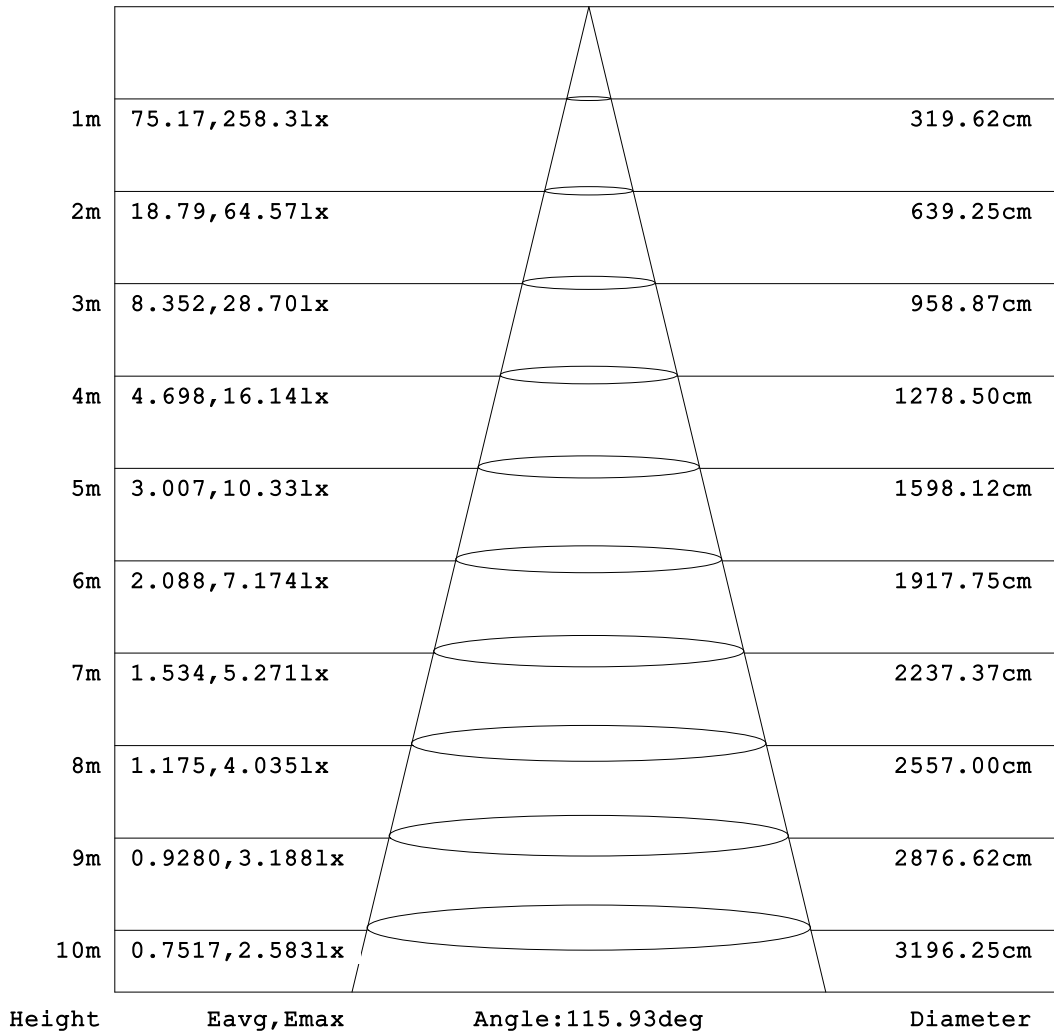
γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [K=1.0000]  
 Remarks:



**AAI Figure**

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	Shielding Angle:

Flux out:604.8 lm



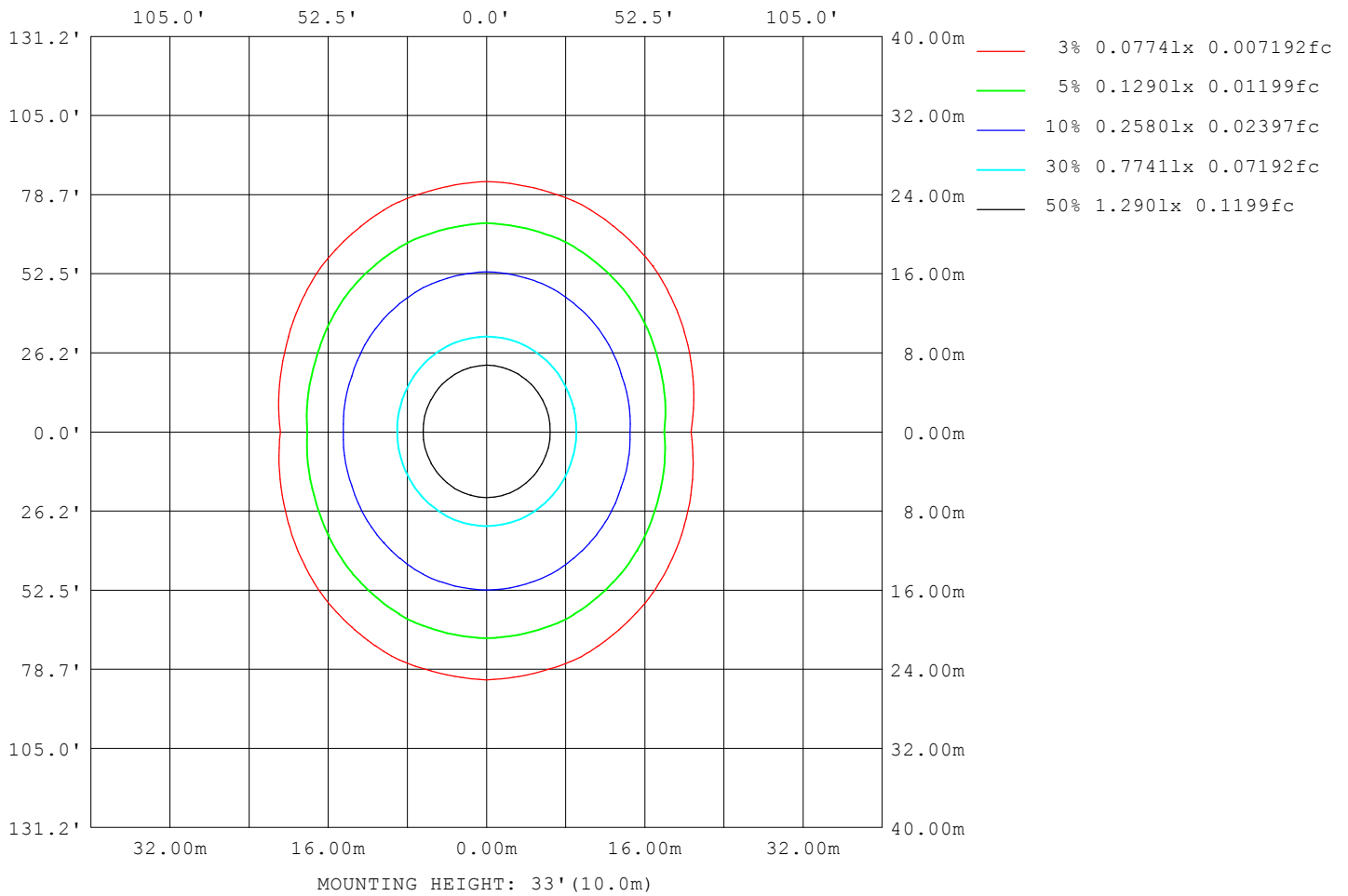
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

<b>NAME:</b> COB 512D IP20	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.:</b>	<b>SUR.: 0.008*1</b>	<b>Shielding Angle:</b>



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	Shielding Angle:

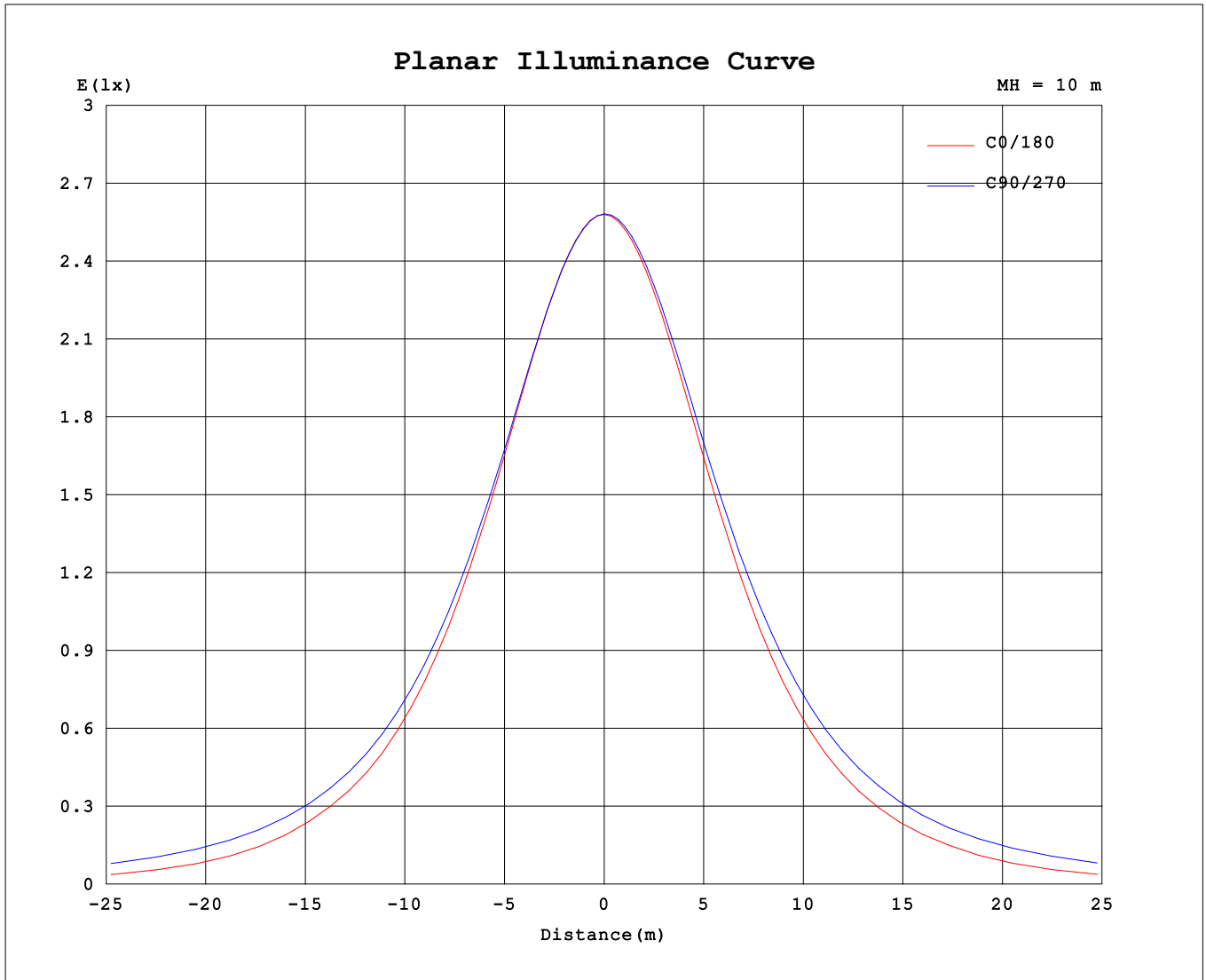
AvgL	cd/m2
L_0~180 (65) av	26706
L_0~180 (75) av	16910
L_0~180 (85) av	33
L_90~270 (65) av	47623
L_90~270 (75) av	67819
L_90~270 (85) av	163317
L_45 (65) av	39998
L_45 (75) av	52735
L_45 (85) av	117579

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-12-18

γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:6.040m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-12-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 6.040m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: COB 512D IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*1	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	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258			
5	258	258	257	257	257	257	257	257	257	258	258	258	258	258	258	258			
10	254	254	254	254	254	254	254	254	254	254	255	255	256	255	255	255			
15	251	251	250	251	251	250	250	250	250	251	252	252	253	252	252	251			
20	243	243	243	244	244	243	242	242	242	243	245	246	247	246	245	244			
25	236	236	237	238	238	238	236	235	235	236	239	240	241	241	239	237			
30	224	224	225	228	229	228	225	223	223	224	228	231	233	231	229	225			
35	214	215	217	221	222	220	216	213	213	215	219	224	226	225	220	216			
40	197	198	203	209	211	208	202	197	196	198	206	212	216	213	207	200			
45	184	186	193	200	203	200	192	184	183	186	196	204	208	205	197	188			
50	163	166	176	187	190	186	175	165	162	166	180	190	195	191	181	168			
55	147	152	165	177	182	177	164	151	146	152	168	181	187	182	170	154			
60	117	130	148	164	169	163	147	129	120	130	151	167	174	168	153	132			
65	94.6	114	136	155	161	154	135	113	97.4	115	139	158	166	159	141	117			
70	60.8	91.0	120	142	148	141	119	90.7	62.9	91.9	123	144	153	146	125	93.9			
75	39.2	76.7	110	134	141	133	109	76.6	41.2	77.6	112	135	144	136	115	79.7			
80	11.4	58.2	96.1	121	129	121	95.5	58.4	12.5	58.8	96.6	120	129	121	98.7	61.2			
85	0.32	47.1	85.0	109	117	109	85.0	47.5	0.44	47.3	84.7	108	118	110	86.5	49.5			
90	0.19	27.3	61.2	85.1	92.7	85.5	60.9	28.5	0.21	28.0	61.5	85.2	96.2	87.8	65.1	29.5			
95	0.18	0.71	33.9	62.0	70.7	64.0	38.4	3.59	0.22	13.1	46.1	68.4	78.1	69.8	47.5	14.2			
100	0.22	0.30	0.41	1.61	5.58	2.71	0.46	0.29	0.27	0.34	18.3	39.6	48.0	40.0	19.0	0.33			
105	0.25	0.33	0.42	0.48	0.54	0.48	0.40	0.32	0.30	0.33	3.39	19.8	28.1	19.9	2.61	0.34			
110	0.30	0.37	0.42	0.50	0.51	0.49	0.42	0.37	0.34	0.36	0.47	0.67	2.69	0.55	0.43	0.35			
115	0.35	0.40	0.43	0.51	0.51	0.51	0.44	0.40	0.38	0.39	0.49	0.53	0.52	0.54	0.45	0.38			
120	0.40	0.45	0.46	0.52	0.52	0.53	0.48	0.45	0.43	0.43	0.53	0.54	0.54	0.52	0.49	0.42			
125	0.44	0.48	0.49	0.54	0.52	0.55	0.50	0.48	0.47	0.45	0.55	0.55	0.55	0.51	0.51	0.45			
130	0.49	0.53	0.52	0.56	0.55	0.58	0.53	0.54	0.52	0.50	0.58	0.57	0.58	0.53	0.54	0.49			
135	0.53	0.56	0.54	0.58	0.57	0.60	0.56	0.56	0.55	0.53	0.59	0.60	0.59	0.55	0.56	0.52			
140	0.57	0.60	0.58	0.61	0.59	0.63	0.60	0.61	0.61	0.57	0.62	0.62	0.63	0.58	0.59	0.56			
145	0.61	0.64	0.61	0.64	0.61	0.66	0.62	0.64	0.64	0.61	0.64	0.62	0.63	0.59	0.62	0.60			
150	0.65	0.67	0.65	0.68	0.65	0.69	0.66	0.69	0.68	0.65	0.68	0.65	0.66	0.62	0.66	0.64			
155	0.68	0.70	0.67	0.70	0.67	0.71	0.69	0.71	0.71	0.68	0.70	0.68	0.68	0.65	0.68	0.66			
160	0.72	0.74	0.71	0.73	0.72	0.75	0.72	0.75	0.74	0.71	0.73	0.71	0.72	0.68	0.72	0.71			
165	0.74	0.77	0.74	0.76	0.74	0.77	0.74	0.77	0.77	0.74	0.76	0.73	0.75	0.71	0.75	0.73			
170	0.77	0.80	0.76	0.79	0.77	0.80	0.77	0.80	0.80	0.76	0.79	0.76	0.79	0.75	0.78	0.76			
175	0.78	0.80	0.78	0.80	0.79	0.80	0.78	0.80	0.80	0.78	0.80	0.77	0.80	0.77	0.80	0.77			
180	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
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γ Range: 0 - 180DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
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 Remarks: