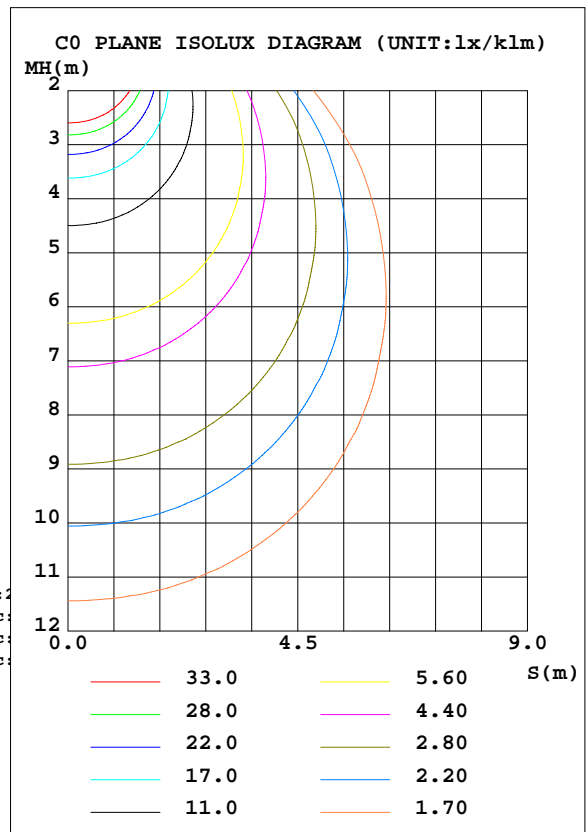
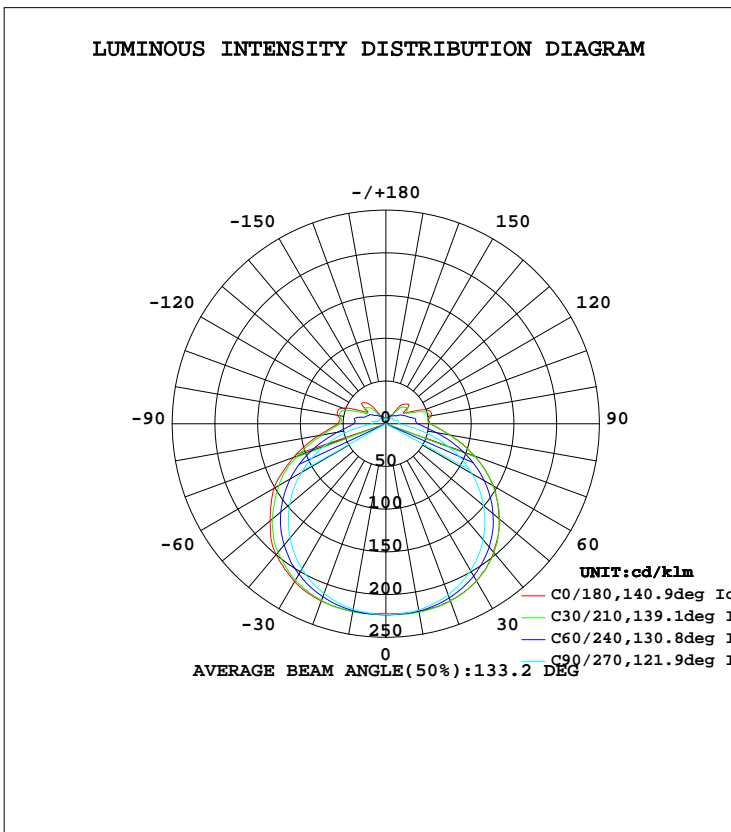


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 42.22 lm/W			
MODEL	Rectangle LED bath 18	I _{max} (cd/klm)	224.0	S/MH(C0/180)	1.43
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	8.1,42.0
NOMINAL FLUX(lm)	883.302	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	8.1,41.8
LAMPS INSIDE	1	η up(%)	16.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	83.8	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	223.1	223.5	221.4	222.6	223.1	222.9	220.4	221.8	0- 10	21.27	21.27	2.13,2.13
20	220.3	219.4	213.0	218.1	220.9	218.1	211.5	216.9	10- 20	62.38	83.65	8.36,8.36
30	212.3	209.9	198.3	207.9	213.6	207.7	196.3	206.9	20- 30	98.26	181.9	18.2,18.2
40	196.1	194.4	177.3	191.6	199.9	191.5	174.5	190.8	30- 40	124.6	306.5	30.7,30.7
50	173.0	170.9	149.3	167.6	177.0	167.3	146.9	167.2	40- 50	137.7	444.2	44.4,44.4
60	145.6	140.5	116.1	137.0	151.3	137.0	114.1	137.5	50- 60	134.9	579.2	57.9,57.9
70	110.6	105.8	77.85	102.5	114.8	103.0	76.80	103.7	60- 70	116.9	696.0	69.6,69.6
80	76.29	70.37	37.84	67.15	79.90	67.62	39.30	69.08	70- 80	86.17	782.2	78.2,78.2
90	52.16	46.60	15.68	46.14	56.05	47.15	16.11	45.92	80- 90	55.75	837.9	83.8,83.8
100	54.04	45.34	15.52	47.25	57.38	48.18	15.75	44.69	90-100	44.38	882.3	88.2,88.2
110	48.36	31.70	12.29	33.81	53.96	33.63	9.605	31.09	100-110	41.00	923.3	92.3,92.3
120	24.93	28.07	9.487	28.95	27.78	27.75	9.514	28.05	110-120	26.35	949.7	95,95
130	35.33	25.78	9.910	24.89	36.98	24.00	9.478	24.49	120-130	20.44	970.1	97,97
140	29.23	14.08	8.199	13.26	30.16	13.18	8.725	12.05	130-140	15.72	985.8	98.6,98.6
150	9.008	11.91	7.893	10.93	8.972	9.280	8.217	9.448	140-150	7.551	993.4	99.3,99.3
160	8.104	9.191	7.339	8.880	8.220	7.118	7.026	6.881	150-160	4.076	997.5	99.7,99.7
170	6.622	5.968	6.032	7.140	6.570	7.220	5.333	5.546	160-170	1.947	999.4	99.9,99.9
180	5.040	5.616	5.834	5.969	5.023	5.620	5.838	5.973	170-180	0.5875	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

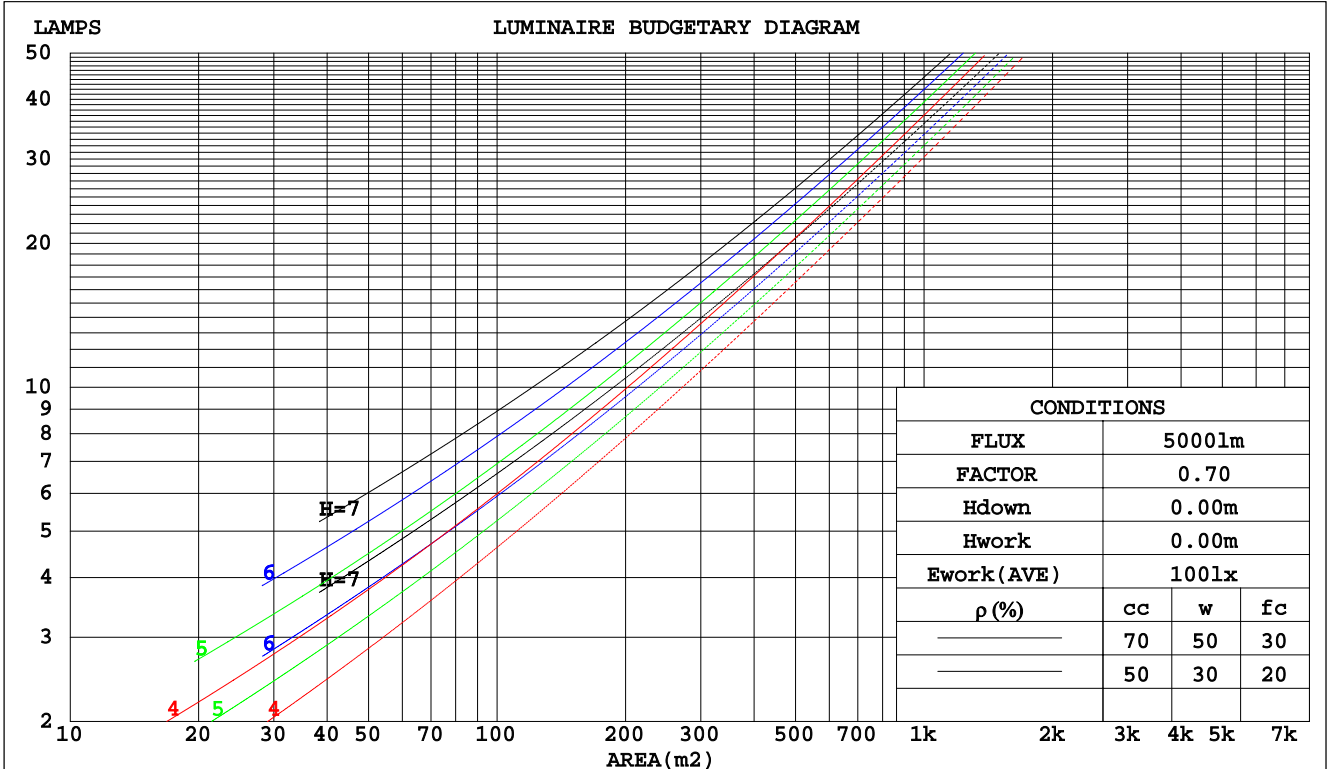
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.15	1.15	1.15	1.11	1.11	1.11	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.84
1.0	.97	.92	.88	.93	.89	.85	.86	.82	.79	.79	.76	.74	.73	.71	.69	.65
2.0	.83	.76	.70	.80	.73	.67	.74	.68	.63	.68	.64	.60	.63	.59	.56	.53
3.0	.72	.64	.57	.70	.62	.55	.64	.58	.52	.59	.54	.49	.55	.50	.46	.43
4.0	.64	.54	.47	.61	.53	.46	.57	.49	.44	.52	.46	.41	.48	.43	.39	.36
5.0	.56	.47	.40	.54	.46	.39	.50	.43	.37	.47	.40	.35	.43	.38	.34	.31
6.0	.51	.41	.35	.49	.40	.34	.45	.38	.32	.42	.36	.31	.39	.33	.29	.27
7.0	.46	.37	.30	.44	.36	.30	.41	.34	.28	.38	.32	.27	.35	.30	.26	.23
8.0	.41	.33	.27	.40	.32	.26	.37	.30	.25	.35	.29	.24	.32	.27	.23	.21
9.0	.38	.29	.24	.37	.29	.23	.34	.27	.22	.32	.26	.21	.30	.24	.20	.18
10.0	.35	.27	.21	.34	.26	.21	.32	.25	.20	.30	.24	.19	.28	.22	.18	.17



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

ρcc	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.362	.206	.065	.350	.200	.063	.327	.188	.060	.306	.177	.057	.287	.166	.054	
2.0	.321	.176	.054	.310	.171	.053	.290	.161	.050	.271	.152	.048	.253	.143	.045	
3.0	.289	.154	.046	.279	.149	.045	.260	.141	.043	.243	.133	.041	.227	.126	.039	
4.0	.262	.136	.040	.253	.132	.039	.236	.125	.037	.221	.118	.036	.206	.112	.034	
5.0	.239	.122	.035	.231	.119	.035	.216	.112	.033	.202	.106	.032	.188	.101	.030	
6.0	.220	.110	.032	.213	.107	.031	.199	.102	.030	.186	.097	.028	.174	.091	.027	
7.0	.203	.101	.028	.197	.098	.028	.184	.093	.027	.172	.088	.026	.161	.084	.025	
8.0	.189	.092	.026	.183	.090	.025	.171	.086	.024	.160	.081	.023	.150	.077	.022	
9.0	.176	.085	.024	.171	.083	.023	.160	.079	.022	.150	.075	.022	.140	.071	.021	
10.0	.165	.079	.022	.160	.077	.022	.150	.074	.021	.141	.070	.020	.132	.066	.019	

ρcc	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.314	.314	.314	.268	.268	.268	.183	.183	.183	.105	.105	.105	.034	.034	.034	
1.0	.308	.280	.255	.264	.240	.219	.181	.165	.152	.104	.096	.088	.033	.031	.029	
2.0	.301	.257	.220	.258	.221	.190	.177	.153	.133	.102	.089	.078	.033	.029	.025	
3.0	.294	.240	.198	.252	.207	.171	.173	.144	.120	.100	.084	.071	.032	.027	.023	
4.0	.287	.228	.183	.246	.197	.159	.169	.137	.112	.098	.080	.066	.031	.026	.022	
5.0	.279	.218	.173	.240	.189	.150	.165	.132	.106	.096	.077	.063	.031	.025	.021	
6.0	.272	.210	.166	.234	.182	.144	.161	.127	.102	.093	.075	.061	.030	.024	.020	
7.0	.265	.203	.160	.228	.176	.140	.157	.124	.099	.091	.073	.059	.030	.024	.019	
8.0	.258	.198	.156	.222	.172	.136	.154	.120	.097	.089	.071	.058	.029	.023	.019	
9.0	.252	.193	.153	.217	.167	.134	.150	.118	.095	.088	.070	.057	.028	.023	.019	
10.0	.246	.189	.151	.212	.164	.131	.147	.115	.093	.086	.068	.056	.028	.022	.018	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			PROTECTION 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	15.8	17.2	16.3	17.7	18.2	15.0	16.3	15.4	16.8	17.3
3H	18.0	19.3	18.5	19.8	20.3	16.7	17.9	17.2	18.4	19.0
4H	19.1	20.3	19.6	20.8	21.4	17.4	18.6	17.9	19.1	19.7
6H	20.2	21.3	20.7	21.8	22.4	18.0	19.1	18.5	19.6	20.3
8H	20.7	21.8	21.3	22.4	23.0	18.2	19.3	18.8	19.8	20.5
12H	21.4	22.4	22.0	23.0	23.6	18.4	19.5	19.0	20.0	20.7
4H 2H	16.5	17.7	17.0	18.2	18.8	15.8	17.1	16.4	17.6	18.2
3H	18.9	19.9	19.4	20.5	21.1	17.8	18.8	18.4	19.4	20.0
4H	20.1	21.1	20.7	21.7	22.3	18.7	19.6	19.3	20.2	20.9
6H	21.4	22.3	22.0	22.9	23.6	19.4	20.3	20.0	20.9	21.6
8H	22.1	22.9	22.7	23.5	24.2	19.7	20.5	20.4	21.2	21.9
12H	22.8	23.6	23.5	24.2	25.0	20.0	20.7	20.7	21.4	22.1
8H 4H	20.5	21.3	21.1	21.9	22.6	19.3	20.1	19.9	20.7	21.5
6H	22.0	22.7	22.7	23.4	24.1	20.3	21.0	21.0	21.7	22.4
8H	22.9	23.5	23.6	24.2	25.0	20.8	21.4	21.5	22.1	22.9
12H	23.9	24.5	24.6	25.2	26.0	21.3	21.8	22.0	22.5	23.3
12H 4H	20.5	21.3	21.2	21.9	22.6	19.4	20.2	20.1	20.8	21.6
6H	22.2	22.8	22.9	23.5	24.2	20.6	21.2	21.3	21.9	22.7
8H	23.2	23.7	23.9	24.4	25.2	21.2	21.8	21.9	22.5	23.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 1000 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

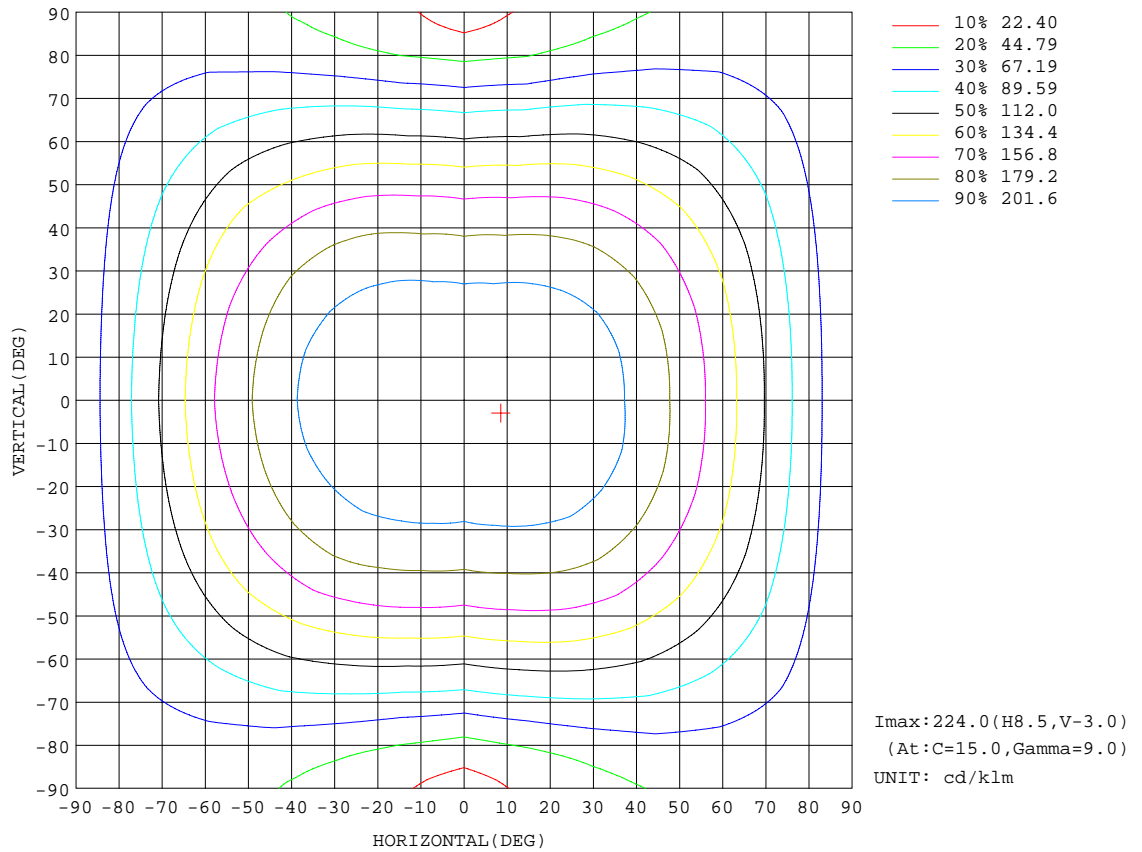
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	37	29	48	36	29	46	35	29	22
0.80	58	46	38	57	45	37	54	43	36	29
1.00	66	54	45	64	53	45	61	53	44	35
1.25	73	61	53	71	60	52	67	57	50	41
1.50	78	67	58	76	65	57	71	62	55	45
2.00	86	75	67	83	73	66	77	69	63	52
2.50	90	81	73	87	78	71	81	74	68	56
3.00	94	85	78	90	83	76	84	78	72	60
4.00	99	91	85	95	88	83	88	83	78	64
5.00	101	95	89	97	92	87	90	86	82	67
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

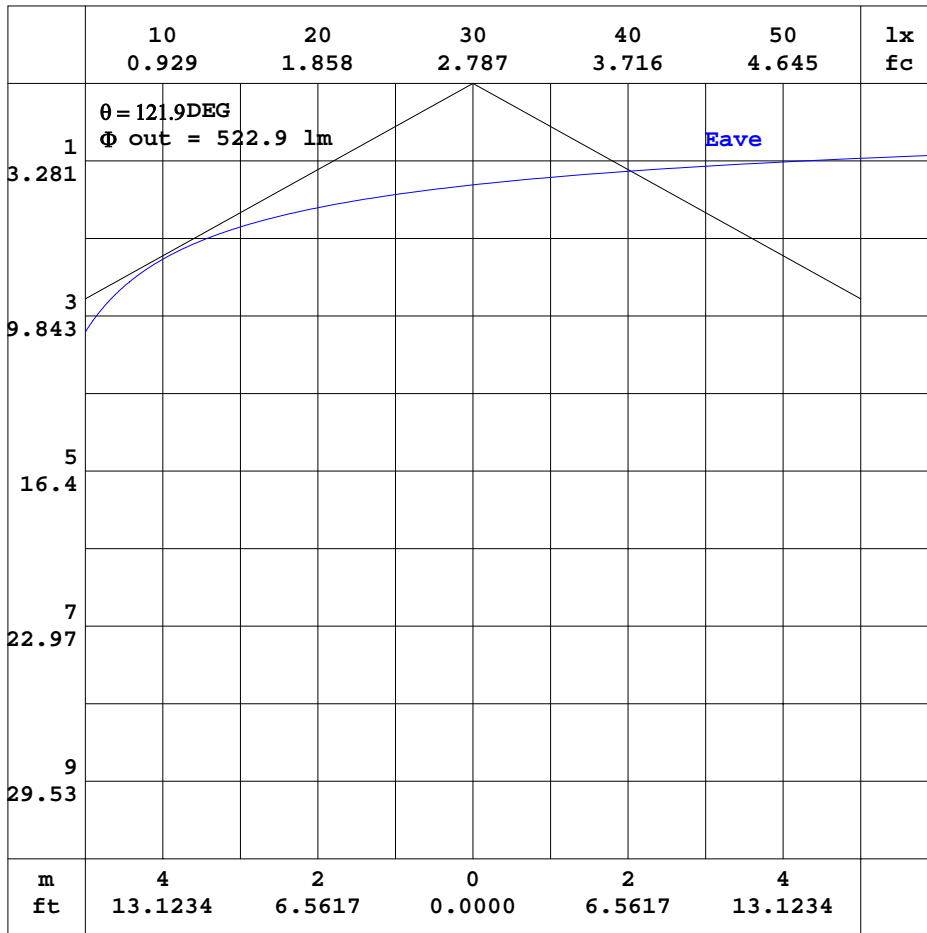


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

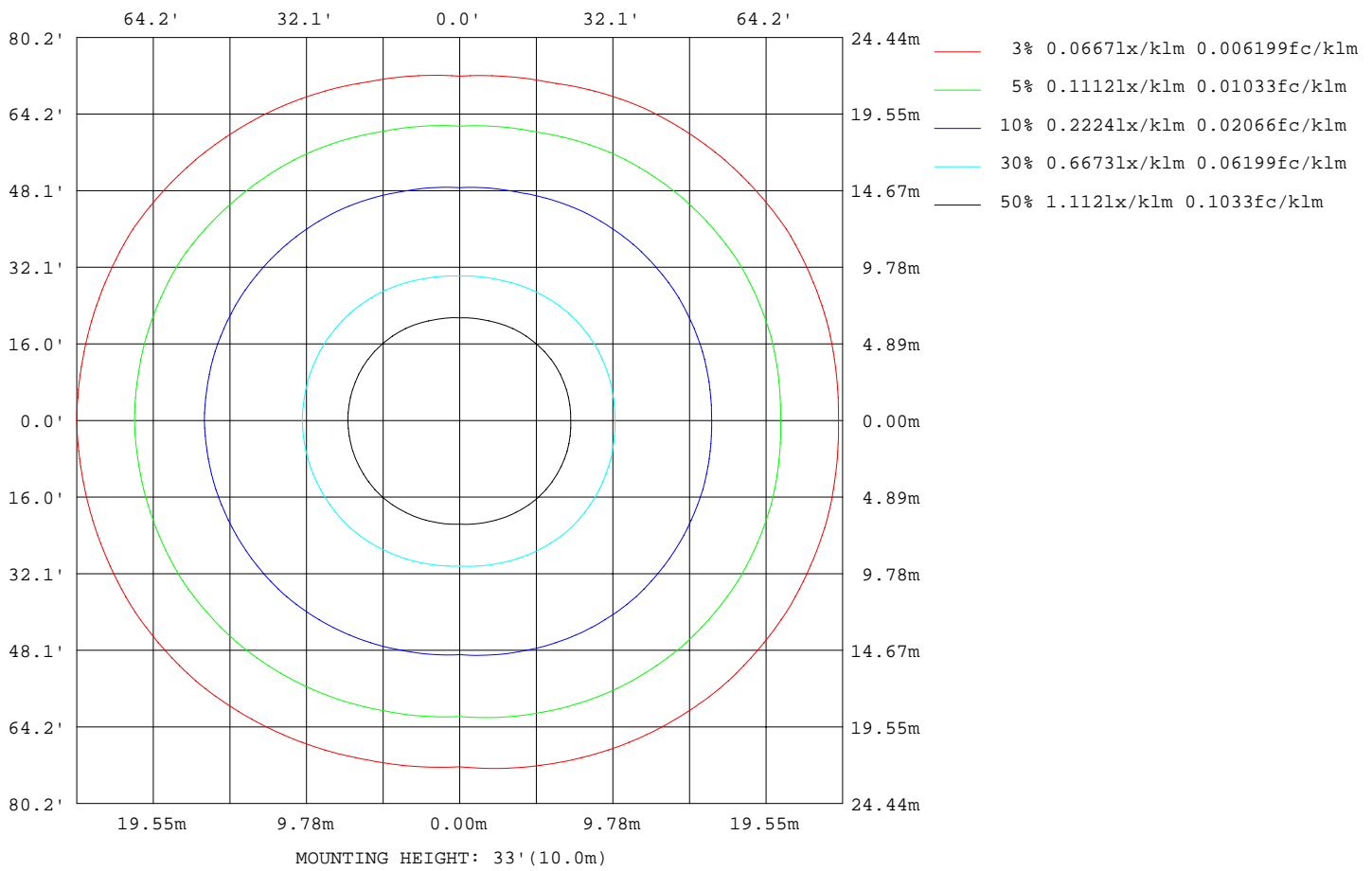
AAI CURVES

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



ISOLUX DIAGRAM

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

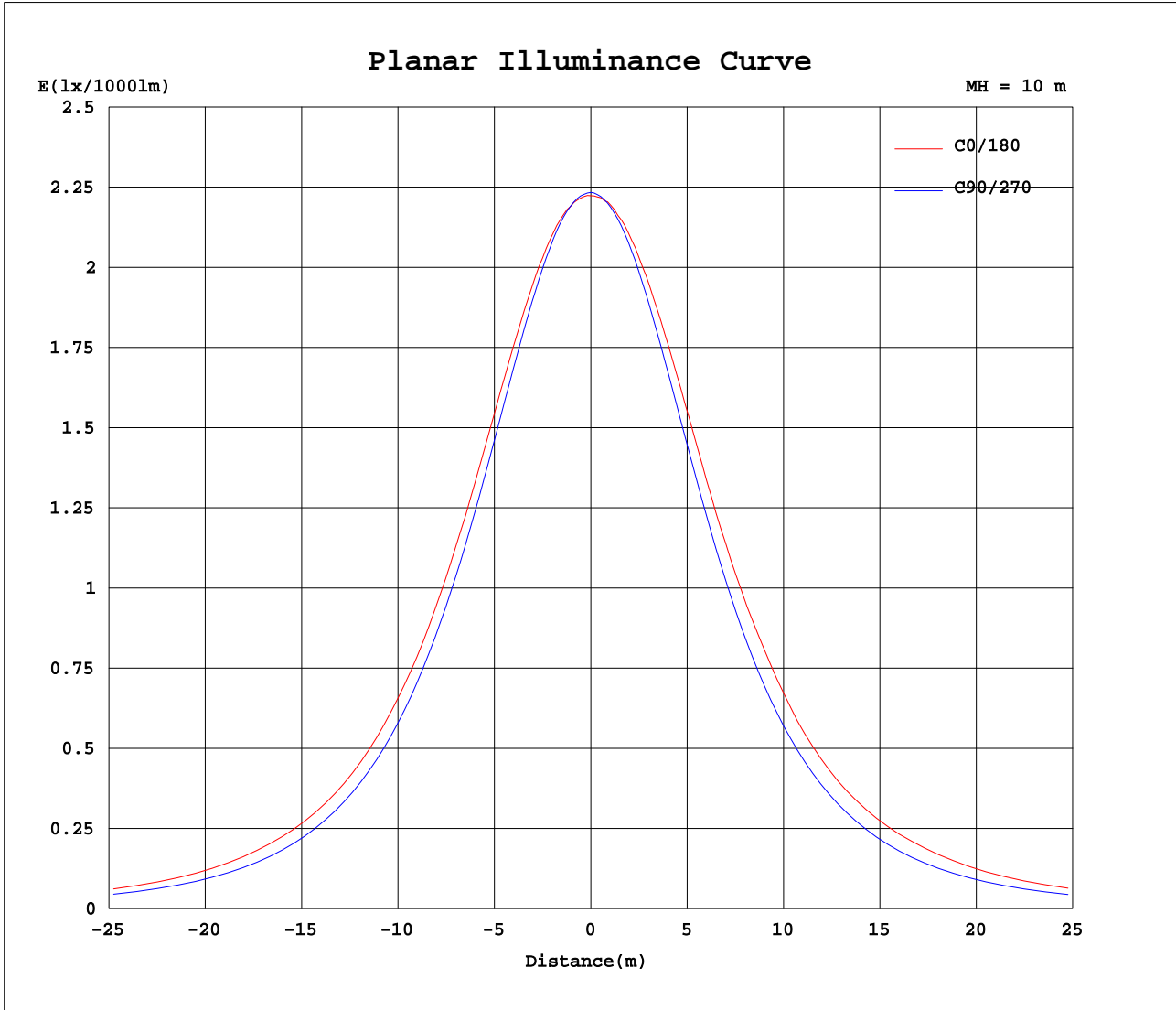
AvgL	cd/m2
L_0~180(65)av	2728
L_0~180(75)av	3245
L_0~180(85)av	6484
L_90~270(65)av	2021
L_90~270(75)av	1956
L_90~270(85)av	2313
L_45(65)av	2531
L_45(75)av	2921
L_45(85)av	5583

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd/klm

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	222	223	223	224	224	224	223	223	223	223	223	222	222	223	223	224	224	224	223
5	223	224	224	224	223	223	223	223	223	223	223	223	223	224	224	224	223	223	223
10	223	224	224	223	223	222	221	222	222	223	223	223	223	224	223	223	222	221	220
15	222	223	223	222	220	219	218	219	220	221	222	222	222	223	222	221	220	218	217
20	220	221	221	219	217	215	213	214	216	218	219	220	221	221	220	218	216	213	211
25	217	218	217	215	212	209	206	208	211	214	216	217	218	218	216	214	210	207	205
30	212	213	213	210	206	201	198	201	204	208	211	213	214	213	211	208	203	199	196
35	205	207	206	203	198	192	189	191	195	200	203	206	207	206	204	200	195	189	186
40	196	198	197	194	188	182	177	180	185	192	195	198	200	199	196	191	185	178	174
45	186	187	186	184	177	169	164	168	174	181	185	188	190	189	186	181	174	166	161
50	173	175	174	171	164	156	149	154	160	168	172	175	177	176	173	167	161	152	147
55	159	161	160	157	149	140	133	138	145	153	158	161	164	163	159	153	146	136	131
60	146	147	145	140	133	124	116	121	129	137	143	148	151	150	145	137	129	119	114
65	128	130	129	123	115	106	97.8	103	111	120	127	130	133	132	129	120	112	102	95.6
70	111	112	110	106	96.5	86.7	77.8	83.2	92.6	103	108	112	115	113	110	103	93.2	82.9	76.8
75	93.3	94.9	92.5	87.5	77.8	66.6	57.0	63.7	74.0	84.3	90.1	94.0	96.9	95.4	91.9	84.5	74.6	63.7	57.6
80	76.3	78.0	75.8	70.4	60.2	47.9	37.8	45.6	56.9	67.1	73.4	77.2	79.9	78.6	75.6	67.6	57.7	45.6	39.3
85	62.2	63.8	61.7	56.2	46.0	33.2	22.8	31.4	43.6	54.0	60.4	63.9	65.7	65.2	62.4	55.0	44.8	31.5	22.8
90	52.2	53.4	51.7	46.6	37.4	25.4	15.7	24.2	36.4	46.1	52.2	55.1	56.0	56.0	53.6	47.2	37.6	25.0	16.1
95	50.4	51.1	49.2	43.9	35.0	23.8	15.2	23.0	35.1	44.6	50.7	53.6	54.3	54.4	51.8	45.5	36.0	24.3	15.8
100	54.0	54.1	51.8	45.3	34.9	24.1	15.5	23.1	35.7	47.3	54.3	57.2	57.4	57.8	55.0	48.2	37.1	24.1	15.8
105	54.2	54.1	50.5	41.1	29.5	21.8	15.1	21.0	29.5	44.2	53.5	57.5	58.3	58.2	54.8	45.1	30.0	19.2	11.2
110	48.4	47.5	41.1	31.7	26.0	17.5	12.3	18.3	25.3	33.8	44.4	51.3	54.0	52.6	46.1	33.6	25.3	15.8	9.61
115	34.4	33.8	30.1	27.0	23.1	13.9	9.54	16.1	24.3	26.4	31.9	36.5	40.1	37.8	31.5	25.7	22.8	14.1	9.41
120	24.9	25.4	27.3	28.1	20.8	12.8	9.49	14.4	22.6	29.0	27.7	26.3	27.8	25.9	24.4	27.8	21.5	12.6	9.51
125	28.7	29.5	31.4	26.8	17.0	12.6	9.79	13.2	18.4	27.4	33.4	30.2	28.0	29.0	30.9	26.0	17.7	11.5	9.42
130	35.3	33.4	29.8	25.8	14.8	12.5	9.91	12.6	15.4	24.9	31.6	35.1	37.0	34.2	29.4	24.0	15.4	11.4	9.48
135	32.7	30.5	27.9	18.6	13.5	10.9	9.34	11.0	13.5	17.5	27.7	32.0	35.1	31.3	26.5	16.5	14.1	10.1	8.82
140	29.2	26.6	19.4	14.1	12.0	9.45	8.20	9.47	13.1	13.3	16.9	25.9	30.2	25.8	17.3	13.2	11.8	9.58	8.72
145	14.1	12.7	12.2	13.6	11.5	9.34	8.03	9.48	11.1	12.9	10.7	10.3	15.1	10.4	10.1	12.0	10.9	9.48	8.65
150	9.01	9.39	12.1	11.9	10.2	9.61	7.89	9.68	9.93	10.9	10.9	9.21	8.97	8.83	10.8	9.28	9.75	8.73	8.22
155	9.17	8.85	10.2	10.3	10.0	8.85	7.60	8.55	9.82	9.30	8.81	7.72	9.17	7.88	7.56	8.63	9.35	8.35	7.52
160	8.10	8.03	8.87	9.19	9.31	7.84	7.34	7.64	9.13	8.88	7.72	7.12	8.22	7.07	6.80	7.12	7.65	7.01	7.03
165	6.87	6.52	6.95	7.73	7.50	6.86	6.74	7.10	8.09	7.87	6.63	6.10	6.82	6.30	6.48	6.02	6.64	6.31	5.99
170	6.62	6.37	6.41	5.97	6.06	6.03	6.03	6.42	6.71	7.14	7.23	7.42	6.57	6.87	7.01	7.22	6.40	5.96	5.33
175	6.57	6.07	5.57	5.43	5.41	5.28	5.18	5.17	5.63	6.01	6.49	6.38	6.82	6.77	6.82	6.42	5.88	5.71	5.35
180	5.04	5.26	5.48	5.62	5.58	5.63	5.83	5.87	5.91	5.97	5.71	5.47	5.02	5.29	5.46	5.62	5.57	5.66	5.84

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1783A P:20.92W PF:0.9783 Lamp Flux:883.302x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd/klm

C(DEG) γ (DEG)	285	300	315	330	345														
0	223	223	223	223	222														
5	222	222	222	223	223														
10	220	221	222	222	223														
15	217	218	220	221	222														
20	212	215	217	219	220														
25	206	209	213	216	217														
30	198	203	207	211	212														
35	188	194	200	204	205														
40	177	184	191	196	197														
45	165	173	180	185	186														
50	151	160	167	173	174														
55	136	145	153	159	160														
60	119	129	138	144	146														
65	101	112	121	128	130														
70	82.1	94.0	104	111	113														
75	62.8	75.8	86.0	93.0	95.3														
80	45.0	58.7	69.1	76.4	78.3														
85	31.2	44.9	55.2	62.1	64.0														
90	24.5	36.7	45.9	52.0	53.6														
95	23.3	34.3	43.3	49.2	51.2														
100	23.3	34.7	44.7	51.2	54.0														
105	21.0	28.8	41.3	50.4	54.2														
110	18.9	24.4	31.1	41.4	48.1														
115	16.9	23.6	24.6	28.6	34.1														
120	14.8	22.2	28.0	24.0	24.9														
125	13.1	20.0	27.1	30.0	28.9														
130	12.6	16.1	24.5	29.0	33.7														
135	11.0	14.3	19.0	26.6	29.7														
140	10.5	13.2	12.0	19.3	25.4														
145	10.1	11.1	11.2	8.77	11.3														
150	9.48	9.67	9.45	8.37	8.52														
155	8.53	9.92	7.72	7.34	8.65														
160	7.28	7.66	6.88	6.35	7.40														
165	6.13	6.12	6.12	5.49	6.06														
170	5.61	5.74	5.55	5.67	6.05														
175	5.76	6.32	6.24	6.12	5.78														
180	5.89	5.92	5.97	5.71	5.44														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: