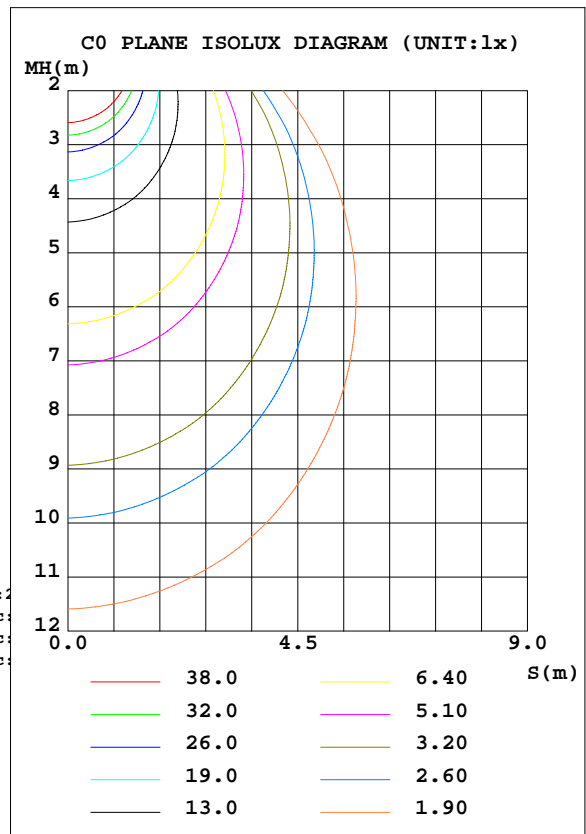
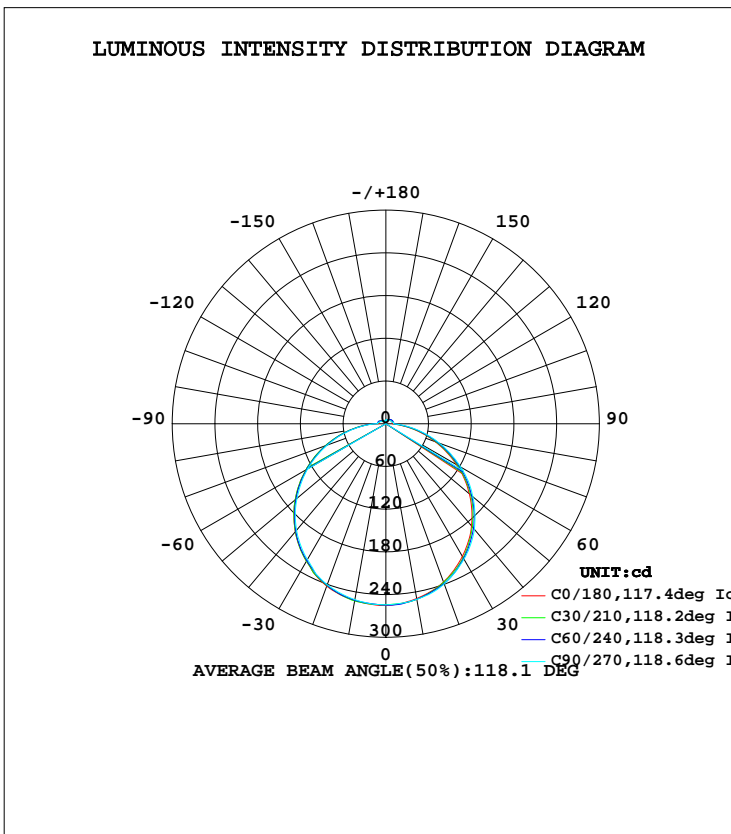


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.091x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 43.27 lm/W			
MODEL	49945LEDD	Imax(cd)	255.3	S/MH(C0/180)	1.30
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	840.09	η UP, DN(C0-180)	3.1,46.1
NOMINAL FLUX(lm)	840.091	CIE CLASS	DIRECT	η UP, DN(C180-360)	2.9,47.9
LAMPS INSIDE	1	η up(%)	6.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	94.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-09-05

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	249.3	250.3	250.4	250.8	252.2	251.8	250.8	250.3	0- 10	24.10	24.10	2.87,2.87
20	236.7	238.6	239.5	239.6	242.9	241.6	240.6	237.8	10- 20	69.49	93.59	11.1,11.1
30	215.0	217.1	219.5	219.7	223.0	223.1	220.2	218.4	20- 30	106.2	199.8	23.8,23.8
40	187.2	190.0	193.4	193.1	197.9	197.9	195.2	191.4	30- 40	129.7	329.5	39.2,39.2
50	153.1	156.4	159.9	160.6	166.1	166.0	163.0	158.9	40- 50	137.0	466.4	55.5,55.5
60	114.2	118.2	121.4	122.8	129.6	129.3	126.9	120.8	50- 60	127.1	593.6	70.7,70.7
70	73.77	77.48	80.30	82.22	89.77	89.42	87.58	80.81	60- 70	101.8	695.4	82.8,82.8
80	34.95	38.22	40.78	42.33	50.31	50.15	48.67	41.72	70- 80	66.24	761.6	90.7,90.7
90	9.239	11.16	10.96	8.883	14.76	15.91	14.38	9.470	80- 90	28.36	790.0	94,94
100	9.297	11.11	10.83	8.769	9.429	11.46	11.38	9.482	90-100	11.35	801.3	95.4,95.4
110	9.021	10.62	8.789	8.788	9.454	10.93	8.814	8.724	100-110	10.36	811.7	96.6,96.6
120	8.381	10.13	8.139	7.798	8.078	8.784	6.703	7.015	110-120	8.692	820.4	97.7,97.7
130	7.754	9.450	7.407	6.766	6.889	4.516	5.711	5.578	120-130	6.681	827.1	98.4,98.4
140	6.867	8.255	6.914	5.772	5.671	5.666	4.876	5.881	130-140	5.088	832.1	99.1,99.1
150	6.082	6.881	6.079	5.680	4.853	4.712	4.522	5.223	140-150	3.698	835.8	99.5,99.5
160	5.524	5.872	5.512	5.698	5.039	3.925	4.247	4.421	150-160	2.450	838.3	99.8,99.8
170	4.729	5.557	5.819	5.757	4.818	3.385	3.385	3.870	160-170	1.345	839.6	99.9,99.9
180	5.003	4.972	5.361	5.407	5.003	4.987	5.373	5.423	170-180	0.4488	840.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

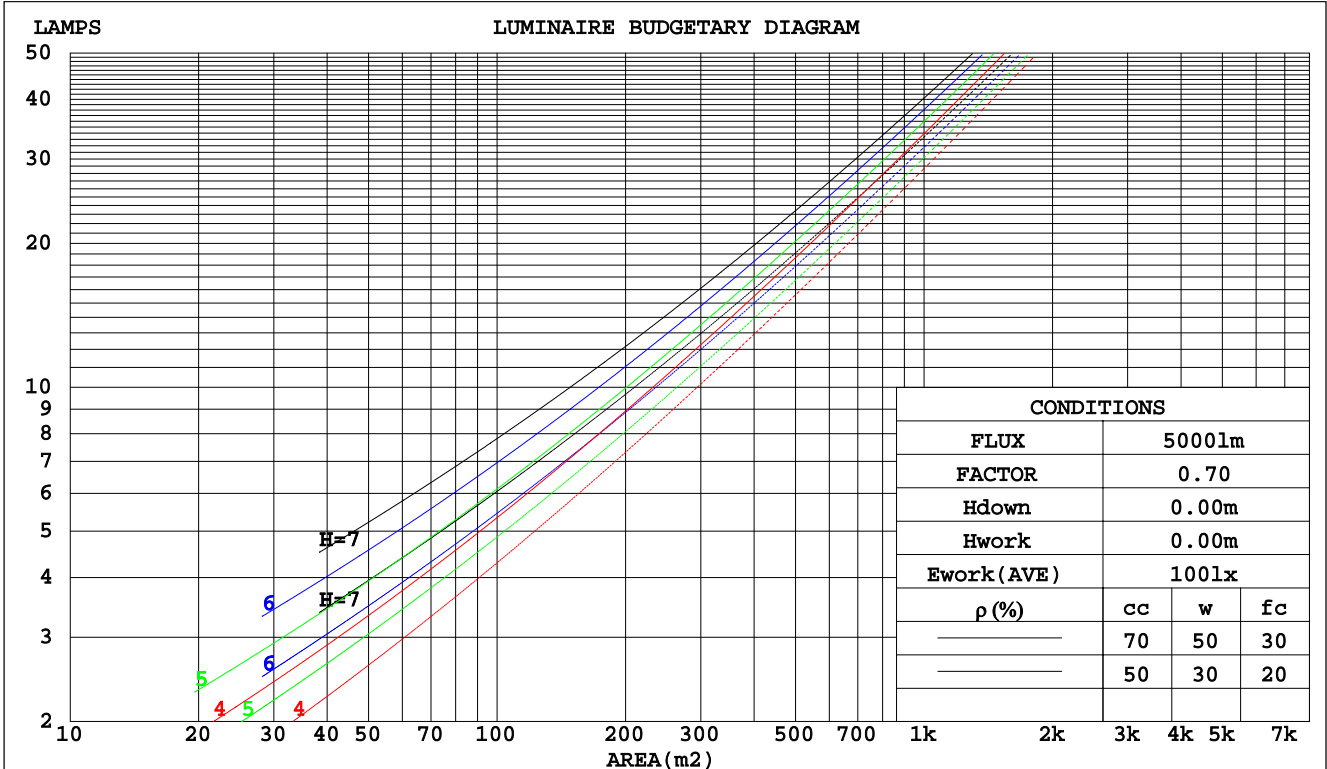
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm		
NAME:	TYPE:LED	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																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94
1.0	1.01	.97	.93	.98	.94	.90	.93	.90	.86	.88	.85	.83	.84	.81	.79	.77
2.0	.88	.81	.74	.85	.79	.73	.81	.75	.70	.77	.72	.68	.73	.69	.66	.63
3.0	.77	.68	.61	.75	.67	.60	.71	.64	.59	.67	.62	.57	.64	.59	.55	.53
4.0	.68	.59	.52	.66	.57	.51	.63	.55	.50	.60	.53	.48	.57	.51	.47	.45
5.0	.60	.51	.44	.59	.50	.44	.56	.48	.43	.53	.47	.42	.51	.45	.41	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.46	.40	.36	.33
7.0	.49	.40	.34	.48	.39	.33	.46	.38	.33	.44	.37	.32	.42	.36	.32	.29
8.0	.45	.36	.30	.44	.35	.30	.42	.34	.29	.40	.34	.29	.38	.33	.28	.26
9.0	.41	.33	.27	.40	.32	.27	.38	.31	.26	.37	.30	.26	.35	.30	.25	.23
10.0	.38	.30	.24	.37	.29	.24	.36	.29	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.091x1 lm		
NAME:	TYPE:LED	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	.332	.189	.060	.323	.184	.059	.306	.176	.056	.291	.168	.054	.277	.160	.052	
2.0	.304	.167	.051	.296	.163	.050	.282	.157	.049	.268	.150	.047	.255	.144	.045	
3.0	.278	.148	.044	.271	.145	.044	.258	.140	.042	.245	.134	.041	.234	.130	.040	
4.0	.255	.132	.039	.248	.130	.038	.236	.125	.037	.225	.121	.037	.215	.117	.036	
5.0	.234	.119	.035	.229	.117	.034	.218	.113	.033	.208	.110	.033	.198	.106	.032	
6.0	.216	.109	.031	.211	.107	.031	.202	.103	.030	.193	.100	.029	.184	.097	.029	
7.0	.201	.099	.028	.196	.098	.028	.188	.095	.027	.179	.092	.027	.172	.089	.026	
8.0	.187	.091	.026	.183	.090	.025	.175	.087	.025	.168	.085	.024	.161	.082	.024	
9.0	.175	.085	.024	.171	.084	.023	.164	.081	.023	.157	.079	.023	.151	.077	.022	
10.0	.164	.079	.022	.161	.078	.022	.154	.076	.021	.148	.074	.021	.142	.072	.021	

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	.236	.236	.236	.202	.202	.202	.138	.138	.138	.079	.079	.079	.025	.025	.025	
1.0	.228	.202	.178	.195	.173	.154	.133	.119	.106	.077	.069	.062	.025	.022	.020	
2.0	.220	.178	.143	.188	.153	.123	.129	.106	.086	.074	.062	.050	.024	.020	.016	
3.0	.212	.161	.120	.182	.139	.104	.125	.096	.073	.072	.056	.043	.023	.018	.014	
4.0	.205	.148	.104	.176	.128	.090	.121	.089	.064	.070	.052	.038	.022	.017	.012	
5.0	.197	.137	.093	.169	.119	.081	.117	.083	.057	.068	.049	.034	.022	.016	.011	
6.0	.190	.129	.086	.163	.112	.075	.113	.078	.053	.065	.046	.031	.021	.015	.010	
7.0	.183	.122	.080	.158	.106	.070	.109	.074	.049	.063	.044	.029	.020	.014	.010	
8.0	.177	.117	.076	.152	.101	.066	.105	.071	.047	.061	.042	.028	.020	.014	.009	
9.0	.171	.112	.072	.147	.097	.063	.102	.068	.045	.059	.040	.027	.019	.013	.009	
10.0	.165	.108	.070	.142	.093	.061	.099	.066	.043	.057	.039	.026	.019	.013	.009	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm										
NAME:					TYPE:LED			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	15.4	16.8	15.7	17.1	17.5	15.6	17.0	15.9	17.4	17.7
3H	16.9	18.3	17.3	18.6	19.0	17.2	18.6	17.6	18.9	19.3
4H	17.6	18.9	18.0	19.3	19.6	18.0	19.3	18.4	19.6	20.0
6H	18.1	19.4	18.6	19.7	20.1	18.6	19.8	19.0	20.2	20.6
8H	18.3	19.5	18.8	19.9	20.3	18.8	20.0	19.3	20.4	20.8
12H	18.5	19.6	18.9	20.0	20.4	19.0	20.2	19.5	20.6	21.0
4H 2H	16.0	17.3	16.4	17.7	18.0	16.2	17.5	16.6	17.8	18.2
3H	17.8	18.9	18.2	19.3	19.7	18.0	19.2	18.5	19.6	20.0
4H	18.6	19.6	19.0	20.0	20.5	18.9	19.9	19.3	20.3	20.8
6H	19.2	20.2	19.7	20.6	21.1	19.6	20.6	20.1	21.0	21.5
8H	19.5	20.4	20.0	20.8	21.3	20.0	20.8	20.5	21.3	21.8
12H	19.7	20.5	20.2	21.0	21.5	20.2	21.0	20.8	21.5	22.1
8H 4H	18.9	19.8	19.4	20.2	20.7	19.2	20.0	19.7	20.5	21.0
6H	19.7	20.5	20.3	21.0	21.5	20.1	20.8	20.6	21.3	21.9
8H	20.1	20.7	20.7	21.3	21.9	20.5	21.2	21.1	21.7	22.3
12H	20.4	21.0	21.0	21.5	22.1	20.9	21.5	21.5	22.0	22.6
12H 4H	18.9	19.7	19.4	20.2	20.7	19.2	20.0	19.7	20.5	21.0
6H	19.8	20.5	20.4	21.0	21.6	20.2	20.8	20.7	21.3	21.9
8H	20.3	20.8	20.8	21.4	22.0	20.7	21.2	21.2	21.8	22.4
Variations with the observer position at spacings:										
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 Corrected 840.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

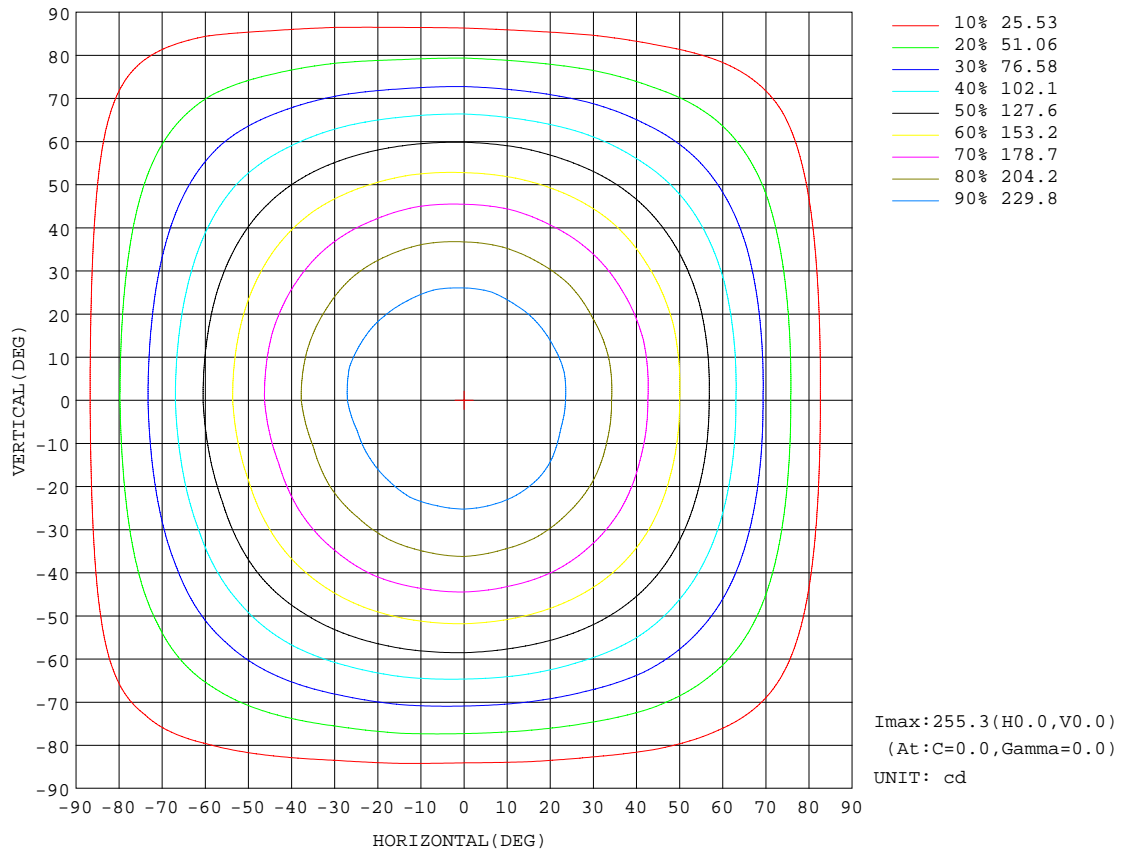
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	44	36
1.00	72	61	53	71	60	53	68	61	52	44
1.25	79	68	61	78	67	60	74	65	59	51
1.50	84	74	66	82	73	66	79	70	64	56
2.00	91	82	75	89	81	74	85	78	72	63
2.50	96	87	80	93	85	79	88	82	77	67
3.00	99	91	85	96	90	84	91	86	81	71
4.00	103	97	92	100	95	90	95	91	87	76
5.00	106	100	96	103	98	94	97	93	90	79
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:2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

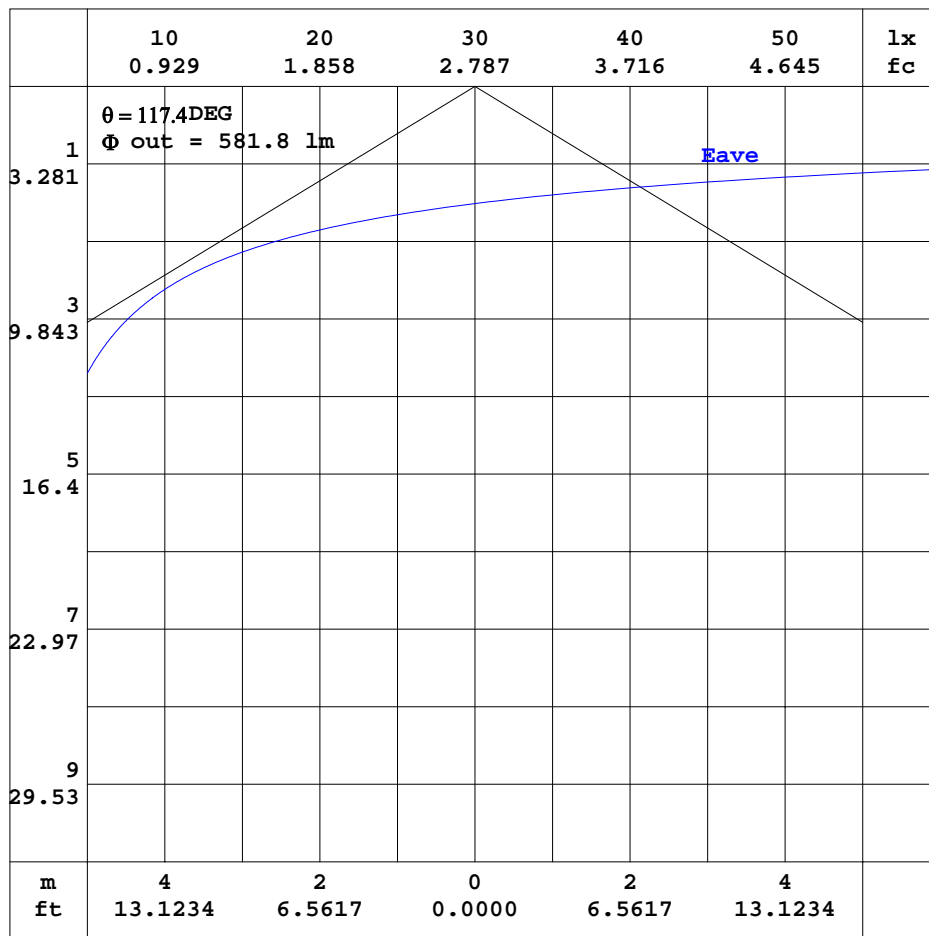


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



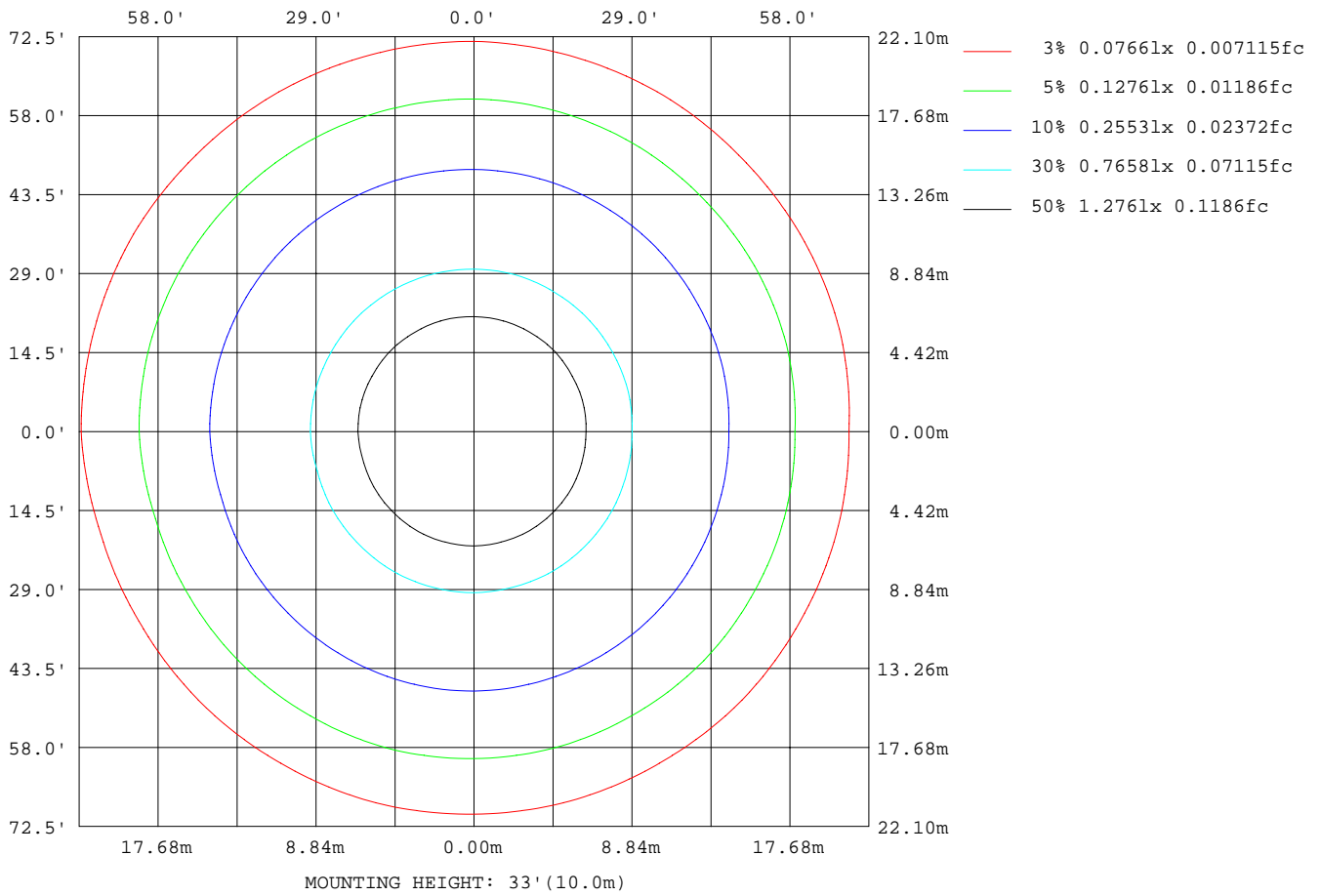
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-09-05

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:

ISOLUX DIAGRAM

Test:U:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm		
NAME:	TYPE:LED	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:2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

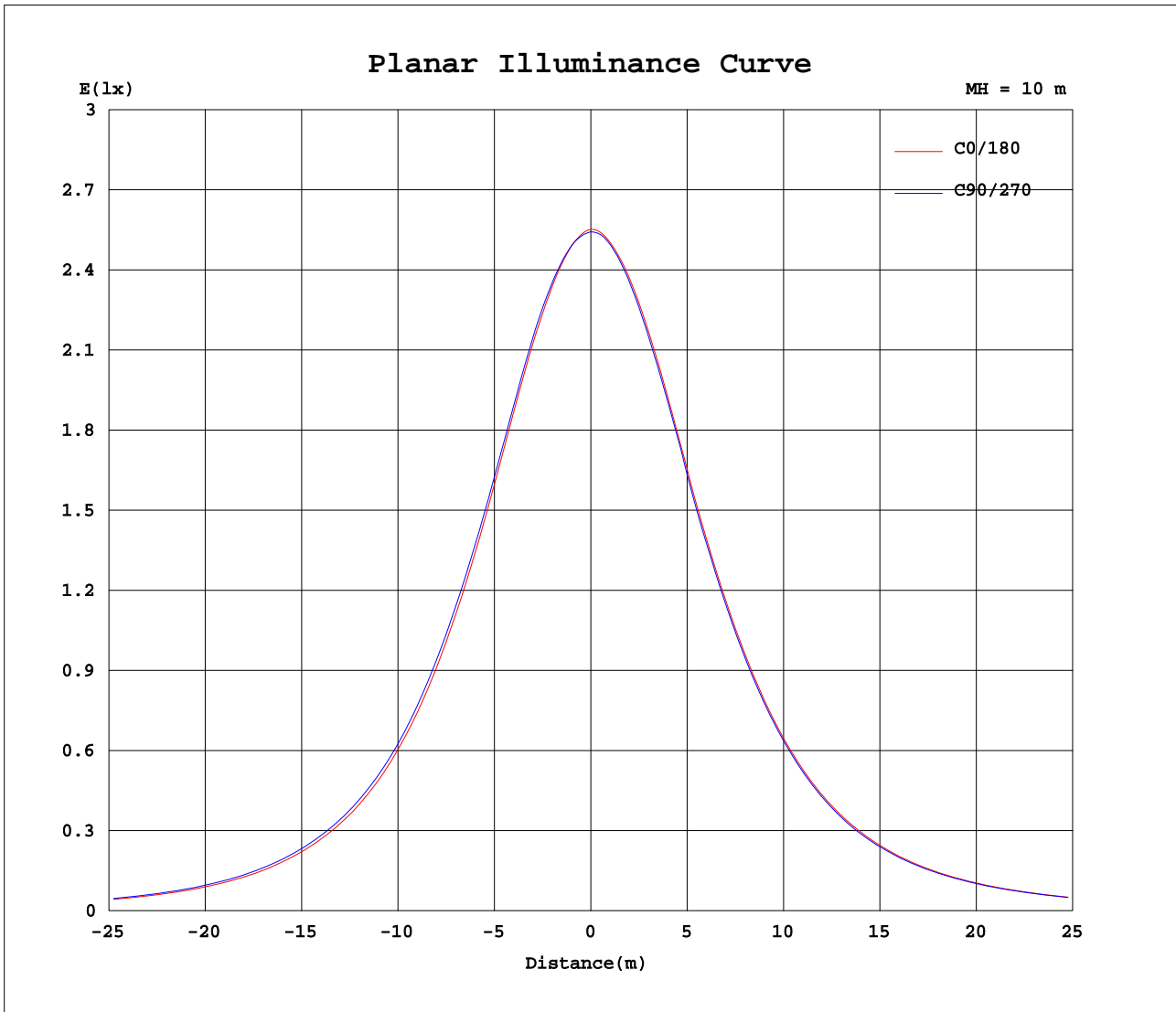
AvgL	cd/m2
L_0~180(65)av	2415
L_0~180(75)av	2393
L_0~180(85)av	2826
L_90~270(65)av	2465
L_90~270(75)av	2472
L_90~270(85)av	3008
L_45(65)av	2430
L_45(75)av	2410
L_45(85)av	2901

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-05

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: 2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.091x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	255	254	254	254	255	254	254	254	254	254	254	254	255	254	254	254	255	254	254
5	253	253	253	254	254	253	253	253	254	254	253	253	254	255	254	254	254	253	254
10	249	250	250	250	250	251	250	251	251	251	250	251	252	252	253	252	252	252	251
15	244	245	245	245	245	246	246	247	246	246	246	246	249	248	248	248	248	247	247
20	237	237	237	239	239	239	240	240	239	240	240	240	243	242	242	242	241	240	241
25	227	226	228	229	230	230	230	230	231	231	231	232	234	235	234	233	233	232	233
30	215	215	217	217	218	219	219	219	220	220	220	220	223	224	223	223	222	222	220
35	202	203	204	204	206	206	208	207	208	207	208	208	211	212	211	212	211	210	209
40	187	187	189	190	192	192	193	193	194	193	194	194	198	199	198	198	197	196	195
45	171	171	173	174	175	176	177	177	178	178	178	179	183	184	183	182	181	181	180
50	153	154	156	156	158	159	160	160	161	161	161	162	166	167	167	166	165	165	163
55	135	135	136	138	139	140	142	142	142	142	143	144	148	149	149	148	147	147	145
60	114	116	116	118	119	120	121	122	123	123	124	125	130	130	130	129	129	128	127
65	94.1	95.4	96.2	98.0	98.5	100	101	102	102	103	103	105	110	110	111	109	109	108	108
70	73.8	75.1	75.6	77.5	77.8	79.4	80.3	81.6	81.2	82.2	82.5	84.7	89.8	90.2	90.7	89.4	89.0	87.9	87.6
75	53.9	55.0	55.5	57.3	57.7	59.1	60.0	61.4	60.9	61.8	62.4	64.5	70.0	70.2	70.9	69.5	69.3	67.8	68.0
80	34.9	35.9	36.5	38.2	38.6	39.8	40.8	42.1	41.4	42.3	43.0	45.1	50.3	50.8	51.4	50.1	50.0	48.5	48.7
85	17.7	18.7	19.3	20.8	21.2	22.5	22.5	23.6	23.4	24.3	24.9	26.9	31.6	32.4	33.1	32.0	32.0	30.6	29.9
90	9.24	10.2	10.8	11.2	11.3	11.3	11.0	10.5	9.65	8.88	9.35	10.8	14.8	15.7	16.6	15.9	16.0	15.1	14.4
95	9.30	10.2	10.8	11.2	11.3	11.3	10.9	10.5	9.70	8.74	8.27	8.35	9.38	10.3	11.1	11.6	11.8	11.8	11.5
100	9.30	10.1	10.8	11.1	11.1	10.6	10.8	10.5	9.69	8.77	8.31	8.43	9.43	10.3	11.0	11.5	11.4	11.4	11.4
105	9.35	10.1	10.6	10.9	10.8	10.9	9.13	8.46	9.27	8.79	8.30	8.55	9.58	10.2	10.9	11.2	11.3	11.4	9.26
110	9.02	9.95	10.4	10.6	10.7	10.7	8.79	7.99	8.52	8.79	8.30	8.51	9.45	9.62	10.3	10.9	11.0	10.6	8.81
115	8.69	9.61	10.1	10.4	10.4	10.2	8.49	7.58	7.91	8.34	8.10	7.99	8.86	8.78	9.54	9.73	9.50	9.39	7.94
120	8.38	9.31	9.83	10.1	10.0	9.55	8.14	7.33	7.55	7.80	7.72	7.56	8.08	8.22	7.41	8.78	8.64	7.86	6.70
125	8.09	9.05	9.45	9.82	9.67	9.01	7.77	7.09	7.12	7.34	7.35	7.24	7.40	7.67	6.77	6.67	6.96	6.75	6.03
130	7.75	8.68	9.07	9.45	9.10	8.52	7.41	6.79	6.61	6.77	6.83	6.56	6.89	6.89	5.94	4.52	5.85	6.17	5.71
135	7.16	8.11	8.64	8.99	8.53	8.01	7.11	6.59	6.20	6.22	6.10	5.73	6.31	6.42	6.38	5.45	5.00	5.59	5.33
140	6.87	7.20	8.15	8.26	7.87	7.51	6.91	6.47	6.04	5.77	5.65	5.24	5.67	5.57	6.34	5.67	5.20	5.04	4.88
145	6.40	6.99	7.56	7.51	7.34	6.90	6.57	6.29	6.00	5.55	5.47	5.19	5.11	5.03	5.06	5.26	5.11	5.09	4.86
150	6.08	6.78	7.40	6.88	6.76	6.37	6.08	5.95	5.88	5.68	5.71	5.19	4.85	4.29	3.92	4.71	5.03	4.79	4.52
155	5.95	6.68	6.59	6.32	6.09	5.94	5.81	5.88	5.87	5.72	5.62	5.58	5.31	4.38	4.12	3.99	4.20	4.49	4.89
160	5.52	6.27	6.20	5.87	5.77	5.70	5.51	5.62	5.88	5.70	5.43	5.23	5.04	4.14	3.90	3.93	3.84	4.04	4.25
165	5.09	5.90	5.72	5.62	5.33	5.32	5.54	5.51	5.46	5.48	5.53	5.20	4.84	4.06	3.76	3.59	3.61	3.64	3.64
170	4.73	5.68	5.64	5.56	5.64	5.69	5.82	5.68	5.73	5.76	5.68	5.37	4.82	3.62	3.75	3.39	3.38	3.38	3.39
175	5.14	5.59	5.68	5.71	5.70	5.58	5.50	5.63	5.59	5.63	5.69	5.18	5.32	4.45	3.44	3.43	3.40	3.42	3.43
180	5.00	4.82	4.96	4.97	4.99	5.33	5.36	5.36	5.39	5.41	4.71	4.64	5.00	4.80	4.97	4.99	5.01	5.35	5.37

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-09-05

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:120.2V I:0.1744A P:19.42W PF:0.9261 Lamp Flux:840.09lx1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	254	254	254	254	254														
5	253	253	252	253	253														
10	251	250	250	249	250														
15	246	246	245	245	244														
20	240	239	238	238	237														
25	231	230	229	227	228														
30	220	219	218	216	217														
35	208	207	206	204	204														
40	195	192	191	190	189														
45	179	177	176	174	174														
50	162	160	159	157	156														
55	144	142	141	139	138														
60	126	123	121	119	118														
65	105	104	101	99.6	97.9														
70	85.5	83.7	80.8	79.4	77.8														
75	65.6	64.1	60.9	59.8	57.8														
80	46.6	44.8	41.7	40.6	38.8														
85	28.2	26.7	24.1	22.8	21.2														
90	12.8	11.5	9.47	9.01	9.10														
95	11.1	10.4	9.47	9.08	9.15														
100	10.9	10.2	9.48	9.08	9.10														
105	8.61	9.12	9.38	9.06	9.13														
110	7.88	7.95	8.72	8.93	8.67														
115	7.22	7.27	7.77	8.52	8.12														
120	6.02	6.38	7.01	7.10	7.71														
125	5.45	5.57	6.42	6.47	7.12														
130	5.31	5.25	5.58	6.31	6.91														
135	5.17	5.21	5.94	6.48	6.71														
140	4.91	5.23	5.88	6.64	6.29														
145	4.76	5.23	5.61	5.94	5.75														
150	4.61	5.11	5.22	5.24	5.27														
155	4.65	4.85	4.69	4.93	4.78														
160	4.03	4.30	4.42	4.47	4.23														
165	3.55	3.87	3.72	4.00	4.22														
170	3.39	3.50	3.87	4.03	4.32														
175	3.58	3.78	3.91	4.18	4.26														
180	5.38	5.41	5.42	4.71	4.63														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-09-05

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: