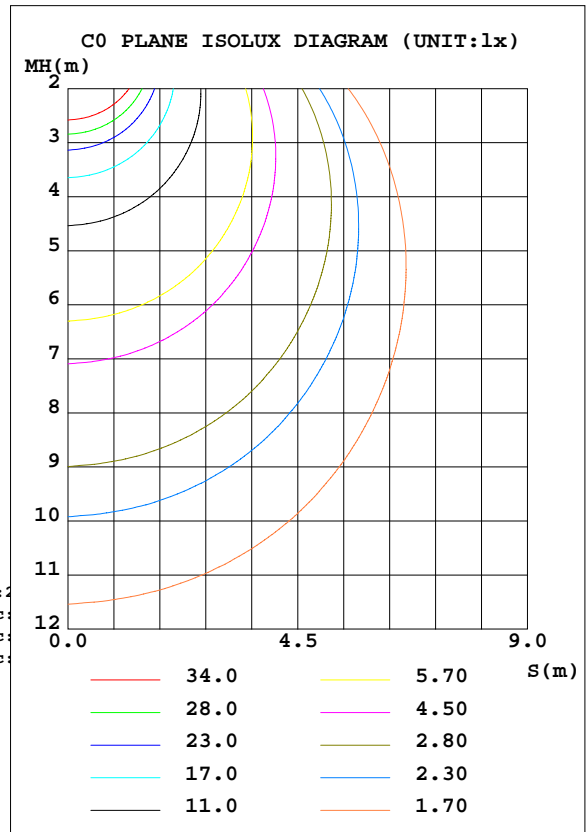
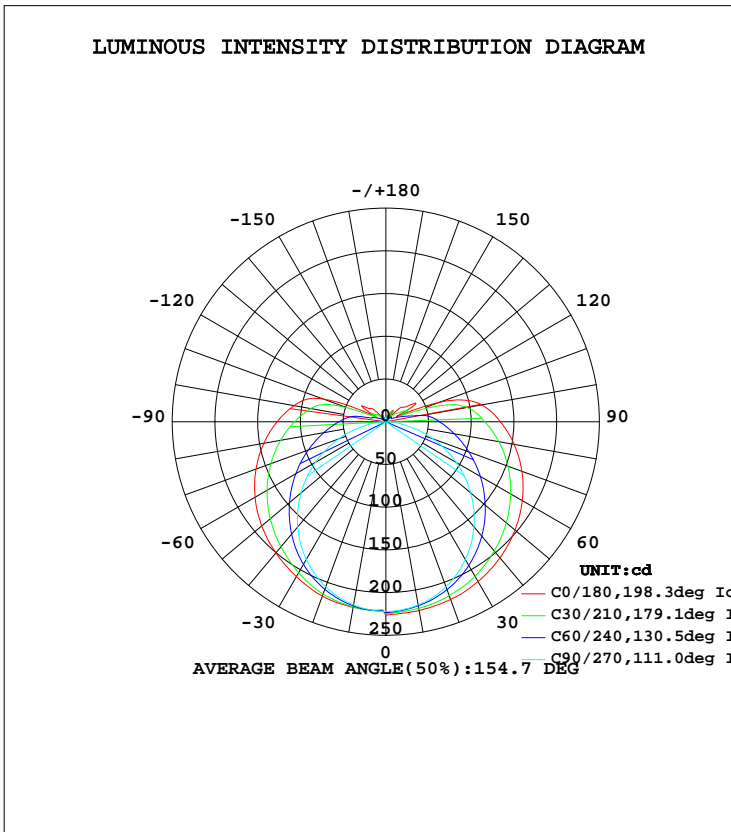


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.65 lm/W			
MODEL	62510LEDD	I _{max} (cd)	226.4	S/MH(C0/180)	1.43
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1089.3	η UP, DN(C0-180)	8.1,42.0
NOMINAL FLUX(lm)	1089.28	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	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:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_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	lum, lamp
10	224.3	219.9	217.7	219.3	220.5	219.3	217.7	219.9	0- 10	21.10	21.10	1.94,1.94
20	221.4	212.8	205.6	211.7	217.3	211.7	205.6	212.8	10- 20	61.25	82.35	7.56,7.56
30	216.0	201.7	186.2	198.7	209.4	198.7	186.2	201.7	20- 30	95.40	177.7	16.3,16.3
40	207.9	186.7	160.6	181.6	200.3	181.6	160.6	186.7	30- 40	120.3	298.1	27.4,27.4
50	197.3	169.4	129.7	162.9	189.7	162.9	129.7	169.4	40- 50	134.5	432.5	39.7,39.7
60	184.4	150.3	95.24	142.9	176.8	142.9	95.24	150.3	50- 60	137.5	570.0	52.3,52.3
70	169.5	131.0	58.64	122.6	161.7	122.6	58.64	131.0	60- 70	130.4	700.4	64.3,64.3
80	152.4	111.7	23.51	102.8	145.1	102.8	23.51	111.7	70- 80	115.4	815.8	74.9,74.9
90	134.0	93.28	3.229	84.23	127.4	84.23	3.229	93.28	80- 90	96.65	912.4	83.8,83.8
100	114.2	74.47	2.913	67.45	109.1	67.45	2.913	74.47	90-100	78.71	991.1	91,91
110	67.34	26.01	2.942	18.17	78.27	18.17	2.942	26.01	100-110	52.28	1043	95.8,95.8
120	38.15	17.15	3.296	13.48	21.31	13.48	3.296	17.15	110-120	18.35	1062	97.5,97.5
130	26.64	6.505	3.750	4.587	24.06	4.587	3.750	6.505	120-130	12.83	1075	98.7,98.7
140	4.460	10.84	3.890	4.193	4.407	4.193	3.890	10.84	130-140	6.786	1081	99.3,99.3
150	15.00	5.137	3.865	4.649	3.767	4.649	3.865	5.137	140-150	3.854	1085	99.6,99.6
160	3.901	6.735	3.385	4.170	3.790	4.170	3.385	6.735	150-160	2.421	1088	99.8,99.8
170	6.938	3.755	3.501	4.293	3.824	4.293	3.501	3.755	160-170	1.222	1089	100,100
180	3.990	5.172	5.738	5.877	6.124	5.877	5.738	5.172	170-180	0.4156	1089	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

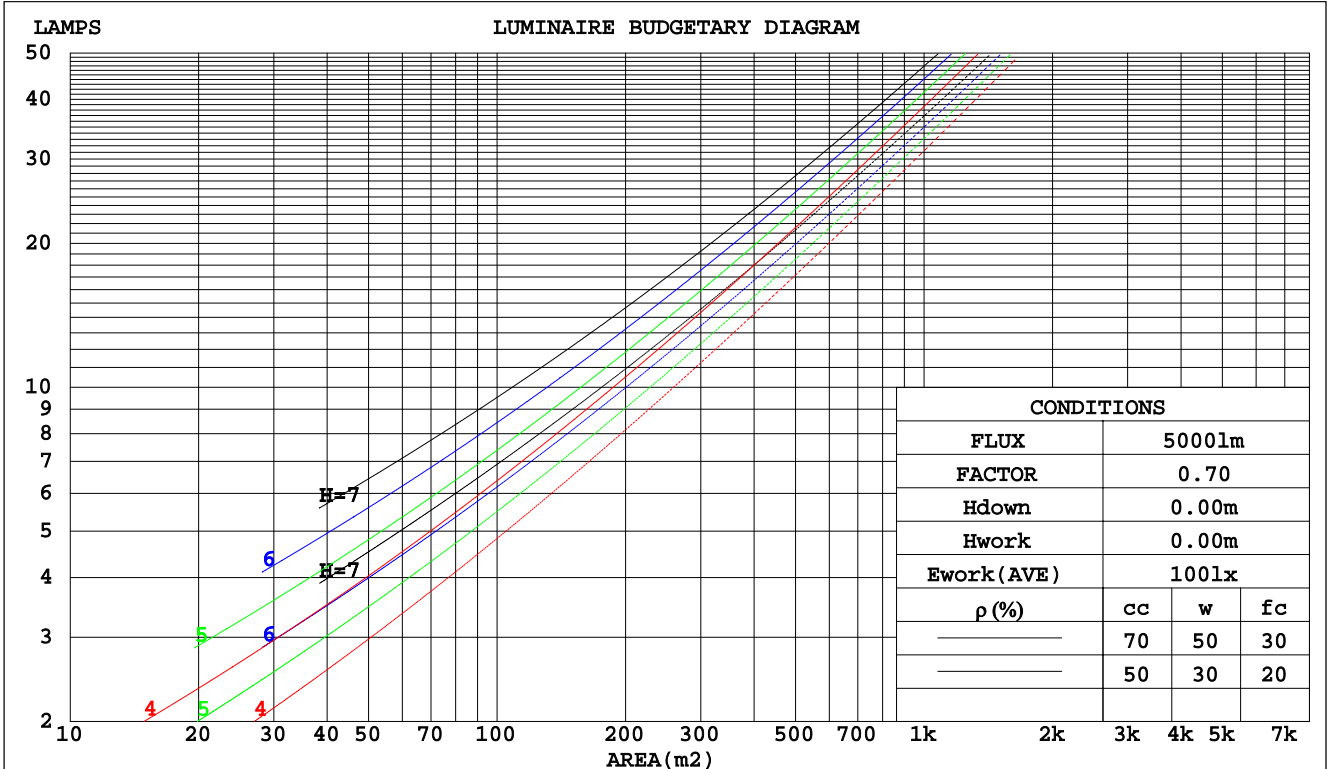
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 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																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	.95	.89	.84	.91	.86	.81	.84	.79	.76	.77	.74	.70	.71	.68	.66	.62
2.0	.81	.73	.66	.77	.70	.64	.71	.65	.60	.65	.60	.56	.60	.56	.52	.49
3.0	.70	.60	.53	.67	.58	.52	.62	.54	.48	.56	.51	.46	.52	.47	.43	.40
4.0	.61	.51	.44	.59	.50	.43	.54	.46	.40	.50	.43	.38	.46	.40	.36	.33
5.0	.54	.44	.37	.52	.43	.36	.48	.40	.34	.44	.38	.32	.41	.35	.31	.28
6.0	.48	.39	.32	.47	.38	.31	.43	.35	.30	.40	.33	.28	.37	.31	.27	.24
7.0	.44	.34	.28	.42	.33	.27	.39	.31	.26	.36	.30	.25	.33	.28	.23	.21
8.0	.40	.31	.25	.38	.30	.24	.36	.28	.23	.33	.27	.22	.31	.25	.21	.19
9.0	.36	.28	.22	.35	.27	.21	.33	.25	.21	.30	.24	.20	.28	.23	.19	.17
10.0	.33	.25	.20	.32	.24	.19	.30	.23	.18	.28	.22	.18	.26	.21	.17	.15



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 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	.407	.231	.073	.394	.225	.071	.371	.213	.068	.350	.202	.065	.331	.192	.062	
2.0	.347	.190	.058	.336	.185	.057	.315	.175	.054	.296	.166	.052	.279	.158	.050	
3.0	.306	.163	.049	.296	.159	.048	.277	.150	.046	.260	.142	.044	.244	.135	.042	
4.0	.274	.142	.042	.265	.139	.041	.248	.132	.039	.232	.125	.038	.218	.118	.036	
5.0	.248	.126	.037	.240	.123	.036	.225	.117	.034	.210	.111	.033	.197	.105	.032	
6.0	.227	.114	.033	.219	.111	.032	.205	.105	.031	.192	.100	.029	.180	.095	.028	
7.0	.209	.103	.029	.202	.101	.029	.189	.096	.028	.177	.091	.026	.166	.086	.025	
8.0	.193	.094	.027	.187	.092	.026	.175	.088	.025	.164	.083	.024	.154	.079	.023	
9.0	.180	.087	.024	.174	.085	.024	.163	.081	.023	.153	.077	.022	.144	.073	.021	
10.0	.168	.081	.022	.163	.079	.022	.153	.075	.021	.143	.071	.020	.135	.068	.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	.269	.269	.269	.183	.183	.183	.105	.105	.105	.034	.034	.034	
1.0	.312	.280	.251	.267	.240	.216	.182	.165	.150	.105	.096	.087	.034	.031	.028	
2.0	.305	.257	.217	.261	.221	.187	.179	.153	.131	.103	.089	.077	.033	.029	.025	
3.0	.298	.241	.195	.255	.208	.169	.175	.144	.119	.101	.084	.070	.033	.027	.023	
4.0	.290	.228	.181	.249	.197	.158	.171	.138	.111	.099	.081	.066	.032	.026	.022	
5.0	.282	.219	.172	.242	.189	.149	.167	.132	.106	.097	.078	.063	.031	.025	.021	
6.0	.274	.211	.165	.236	.182	.144	.163	.128	.102	.094	.075	.060	.030	.025	.020	
7.0	.267	.204	.160	.230	.177	.139	.159	.124	.099	.092	.073	.059	.030	.024	.019	
8.0	.260	.198	.156	.224	.172	.136	.155	.121	.096	.090	.071	.057	.029	.023	.019	
9.0	.254	.194	.153	.219	.168	.133	.151	.118	.095	.088	.070	.056	.029	.023	.019	
10.0	.248	.189	.151	.214	.164	.131	.148	.116	.093	.086	.068	.056	.028	.022	.018	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 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	16.7	18.1	17.1	18.6	19.1	13.9	15.4	14.4	15.9	16.4
3H	19.6	20.9	20.1	21.4	22.0	15.5	16.8	16.0	17.3	17.9
4H	21.2	22.5	21.7	23.0	23.6	16.1	17.4	16.6	17.9	18.5
6H	23.0	24.2	23.5	24.7	25.3	16.6	17.8	17.1	18.3	18.9
8H	24.0	25.1	24.5	25.7	26.3	16.7	17.9	17.3	18.4	19.1
12H	25.1	26.2	25.7	26.8	27.4	16.8	17.9	17.4	18.5	19.1
4H 2H	17.2	18.5	17.8	19.0	19.6	15.4	16.6	15.9	17.1	17.7
3H	20.4	21.5	21.0	22.1	22.8	17.2	18.3	17.8	18.9	19.6
4H	22.2	23.3	22.8	23.9	24.5	18.1	19.1	18.7	19.7	20.4
6H	24.3	25.2	24.9	25.8	26.5	18.8	19.7	19.4	20.3	21.0
8H	25.4	26.2	26.0	26.9	27.6	19.0	19.9	19.6	20.5	21.2
12H	26.7	27.5	27.3	28.1	28.9	19.2	20.0	19.8	20.6	21.4
8H 4H	22.6	23.5	23.3	24.1	24.9	19.5	20.3	20.1	21.0	21.7
6H	25.0	25.7	25.6	26.4	27.1	20.6	21.3	21.3	22.0	22.8
8H	26.3	27.0	27.0	27.7	28.4	21.1	21.8	21.8	22.5	23.3
12H	27.9	28.4	28.6	29.1	30.0	21.5	22.1	22.2	22.8	23.6
12H 4H	22.7	23.5	23.3	24.1	24.9	19.9	20.7	20.6	21.4	22.1
6H	25.1	25.8	25.8	26.4	27.2	21.3	22.0	22.0	22.7	23.5
8H	26.6	27.1	27.3	27.8	28.7	22.1	22.7	22.8	23.4	24.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 1089 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

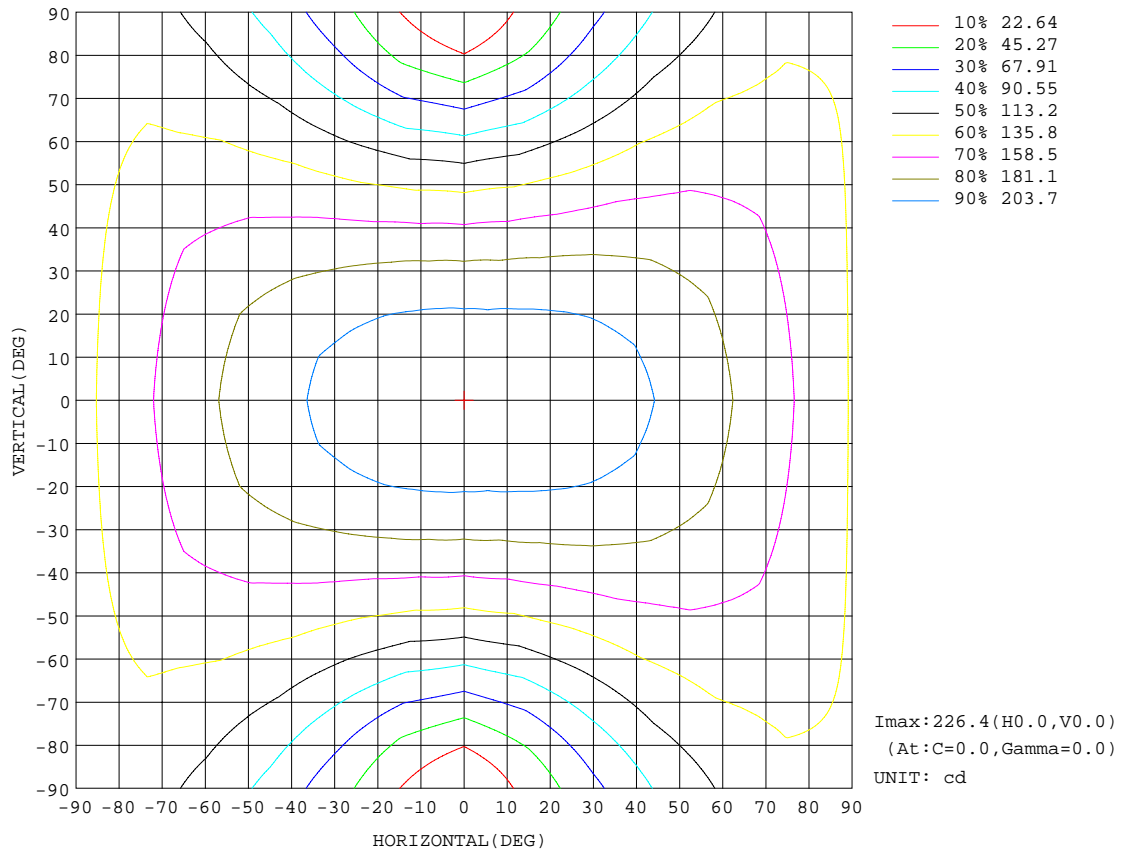
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	47	34	27	46	34	27	44	33	26	20
0.80	56	43	34	55	42	34	52	41	33	26
1.00	64	50	42	62	49	41	59	50	40	32
1.25	71	57	49	68	56	48	64	54	47	37
1.50	76	63	54	73	62	53	69	59	51	41
2.00	83	71	63	80	69	61	75	66	59	48
2.50	88	77	68	84	75	67	78	70	64	52
3.00	91	82	74	88	79	72	82	74	68	56
4.00	96	88	81	93	85	79	86	80	74	60
5.00	99	92	86	95	89	83	88	83	78	64
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:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

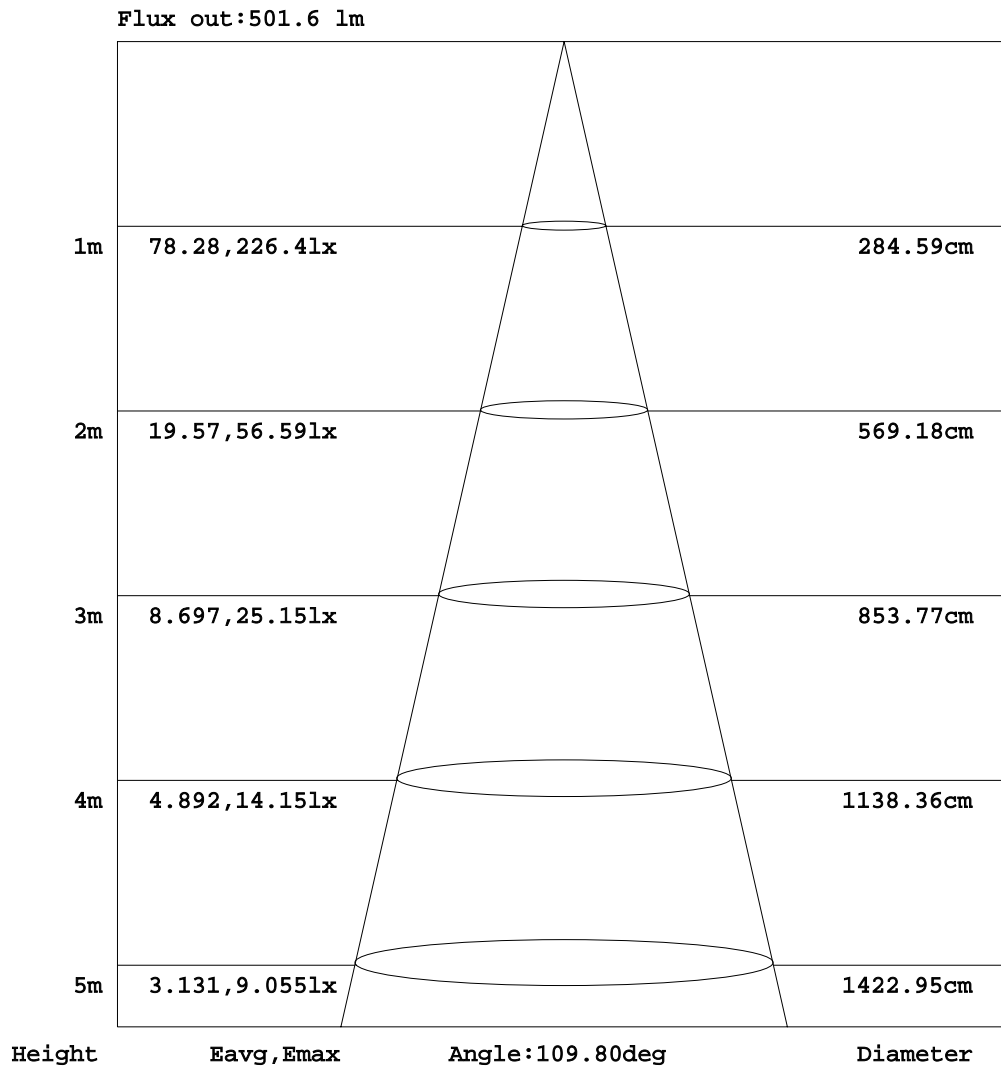


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



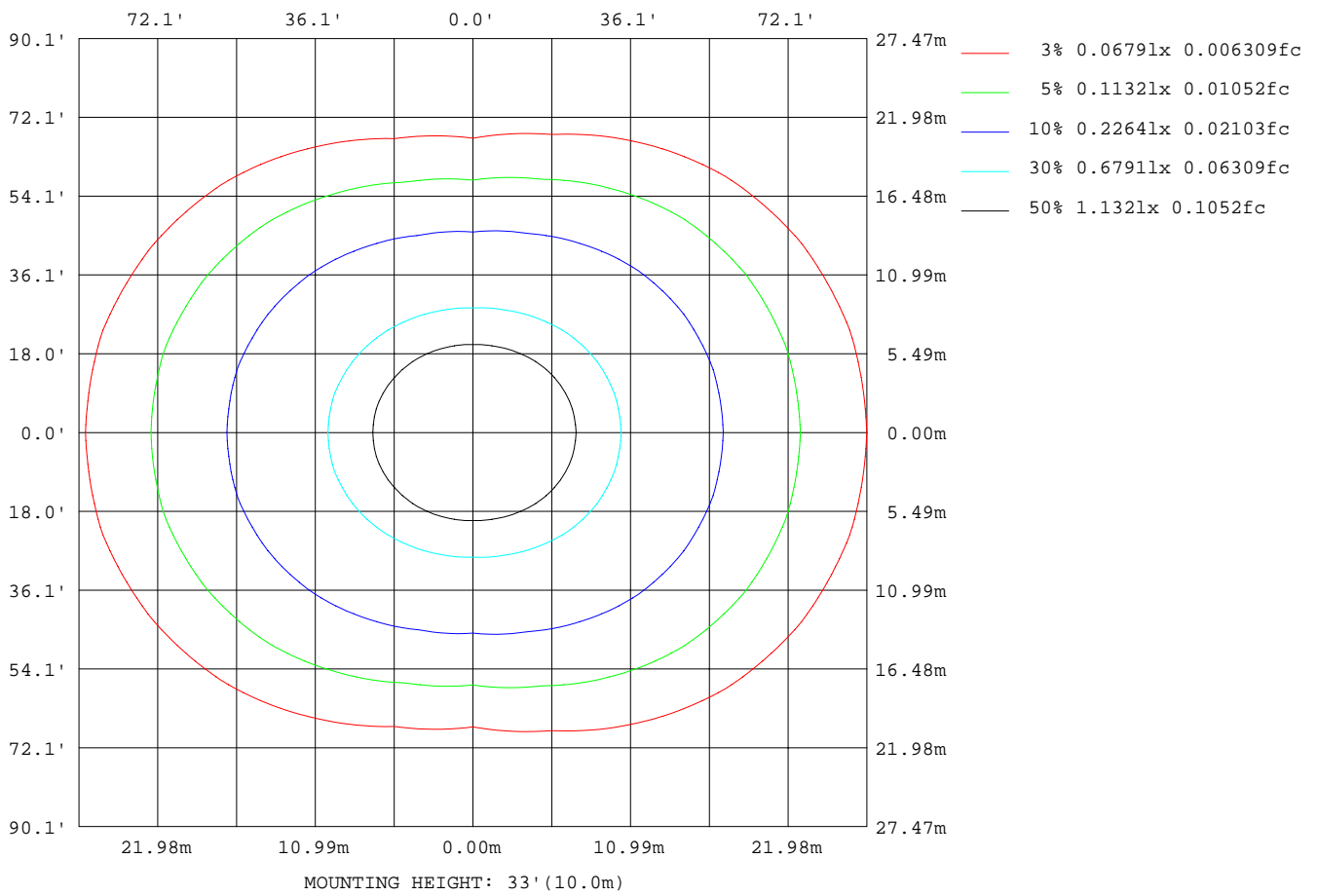
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 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: 2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

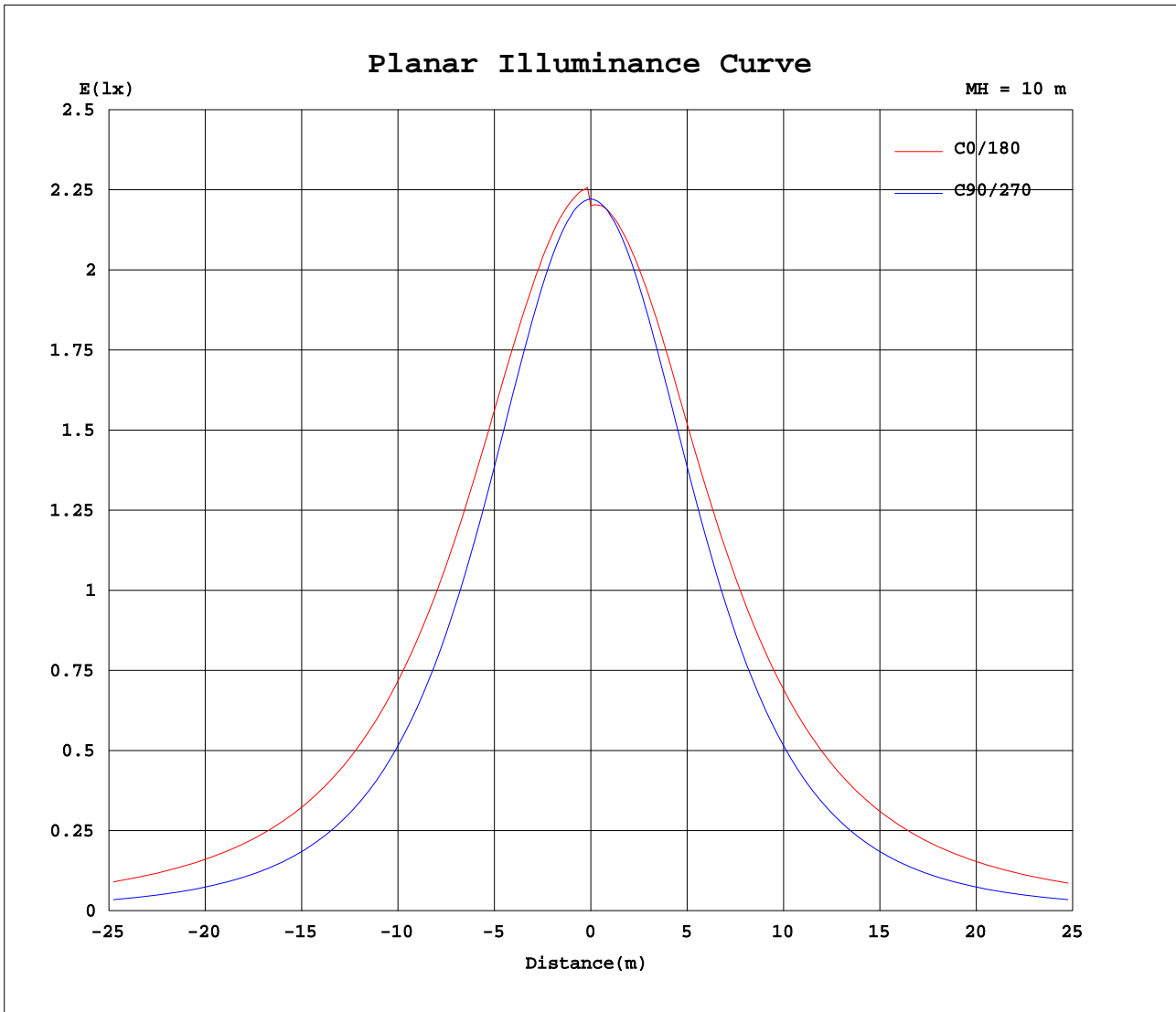
AvgL	cd/m2
L_0~180(65)av	4102
L_0~180(75)av	6082
L_0~180(85)av	16043
L_90~270(65)av	1826
L_90~270(75)av	1561
L_90~270(85)av	1126
L_45(65)av	3235
L_45(75)av	4516
L_45(85)av	11229

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_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: 2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 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	226	225	225	224	223	222	222	221	221	221	221	220	220	220	221	221	221	221	222
5	225	223	223	222	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221
10	224	223	222	220	219	218	218	218	219	219	220	221	221	221	220	219	219	218	218
15	223	221	220	217	215	213	213	213	215	216	218	219	219	219	218	216	215	213	213
20	221	219	217	213	209	206	206	207	209	212	215	217	217	217	215	212	209	207	206
25	219	217	213	208	202	198	197	198	201	206	210	213	214	213	210	206	201	198	197
30	216	213	209	202	194	188	186	188	193	199	204	209	209	209	204	199	193	188	186
35	212	209	203	195	185	177	174	177	183	190	198	204	205	204	198	190	183	177	174
40	208	205	198	187	175	165	161	164	172	182	191	199	200	199	191	182	172	164	161
45	203	200	191	178	164	151	146	150	160	172	184	193	195	193	184	172	160	150	146
50	197	194	184	169	152	137	130	135	147	163	177	187	190	187	177	163	147	135	130
55	191	188	177	160	140	122	113	119	135	153	169	181	184	181	169	153	135	119	113
60	184	181	169	150	128	106	95.2	103	122	143	161	174	177	174	161	143	122	103	95.2
65	177	173	161	141	115	90.8	77.2	86.7	109	133	152	166	169	166	152	133	109	86.7	77.2
70	170	166	152	131	103	75.4	58.6	70.7	96.5	123	143	158	162	158	143	123	96.5	70.7	58.6
75	161	157	143	121	92.1	60.7	40.4	55.4	84.7	113	134	150	154	150	134	113	84.7	55.4	40.4
80	152	149	134	112	81.4	47.6	23.5	41.8	73.8	103	125	141	145	141	125	103	73.8	41.8	23.5
85	143	140	125	102	71.7	36.8	9.81	30.8	63.8	93.3	116	132	136	132	116	93.3	63.8	30.8	9.81
90	134	130	116	93.3	62.8	28.6	3.23	22.7	55.0	84.2	107	123	127	123	107	84.2	55.0	22.7	3.23
95	125	121	107	85.2	55.3	22.5	3.11	16.7	47.2	75.9	98.1	114	118	114	98.1	75.9	47.2	16.7	3.11
100	114	111	96.7	74.5	43.3	13.6	2.91	8.63	37.1	67.4	89.4	105	109	105	89.4	67.4	37.1	8.63	2.91
105	97.7	93.6	77.2	50.1	25.7	7.68	2.88	5.99	17.1	53.4	77.6	94.7	98.8	94.7	77.6	53.4	17.1	5.99	2.88
110	67.3	57.1	35.1	26.0	16.7	6.63	2.94	5.12	14.7	18.2	48.3	74.6	78.3	74.6	48.3	18.2	14.7	5.12	2.94
115	17.1	11.0	22.8	26.3	11.1	6.45	3.21	4.73	10.4	19.0	11.3	28.6	31.7	28.6	11.3	19.0	10.4	4.73	3.21
120	38.1	32.7	25.7	17.2	8.16	6.15	3.30	4.50	7.52	13.5	20.4	21.2	21.3	21.2	20.4	13.5	7.52	4.50	3.30
125	34.3	26.2	17.9	14.3	7.69	5.17	3.08	4.22	6.09	10.8	14.6	29.7	31.2	29.7	14.6	10.8	6.09	4.22	3.08
130	26.6	21.0	15.6	6.51	8.83	6.14	3.75	3.93	4.84	4.59	14.0	24.6	24.1	24.6	14.0	4.59	4.84	3.93	3.75
135	22.3	17.7	6.03	6.84	7.34	5.79	4.04	3.47	5.31	3.52	5.26	20.8	20.8	20.8	5.26	3.52	5.31	3.47	4.04
140	4.46	4.36	6.95	10.8	4.22	4.56	3.89	3.19	3.38	4.19	3.96	4.96	4.41	4.96	3.96	4.19	3.38	3.19	3.89
145	9.76	11.2	15.8	9.21	3.74	5.14	4.52	3.24	3.37	7.44	4.98	3.64	3.74	3.64	4.98	7.44	3.37	3.24	4.52
150	15.0	14.8	12.7	5.14	5.12	5.30	3.86	3.28	3.72	4.65	8.52	3.69	3.77	3.69	8.52	4.65	3.72	3.28	3.86
155	4.18	3.94	5.76	6.05	8.13	4.11	3.65	3.30	3.72	4.62	4.65	4.07	5.10	4.07	4.65	4.62	3.72	3.30	3.65
160	3.90	4.47	5.56	6.74	5.11	3.93	3.39	3.38	3.43	4.17	3.85	3.72	3.79	3.72	3.85	4.17	3.43	3.38	3.39
165	5.05	6.29	7.92	4.45	4.43	3.89	3.44	3.45	3.47	3.61	3.66	3.76	3.80	3.76	3.66	3.61	3.47	3.45	3.44
170	6.94	7.75	3.87	3.76	3.71	3.60	3.50	3.52	3.89	4.29	3.70	3.79	3.82	3.79	3.70	4.29	3.89	3.52	3.50
175	3.98	3.95	3.85	3.79	3.67	3.64	4.11	4.14	4.65	5.43	5.59	5.51	5.60	5.51	5.59	5.43	4.65	4.14	4.11
180	3.99	3.94	3.87	5.17	5.88	5.80	5.74	5.77	5.80	5.88	5.98	6.10	6.12	6.10	5.98	5.88	5.80	5.77	5.74

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.1217A P:14.40W PF:0.9832 Lamp Flux:1089.28x1 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	222	223	224	225	225														
5	221	221	222	223	223														
10	218	219	220	222	223														
15	213	215	217	220	221														
20	206	209	213	217	219														
25	198	202	208	213	217														
30	188	194	202	209	213														
35	177	185	195	203	209														
40	165	175	187	198	205														
45	151	164	178	191	200														
50	137	152	169	184	194														
55	122	140	160	177	188														
60	106	128	150	169	181														
65	90.8	115	141	161	173														
70	75.4	103	131	152	166														
75	60.7	92.1	121	143	157														
80	47.6	81.4	112	134	149														
85	36.8	71.7	102	125	140														
90	28.6	62.8	93.3	116	130														
95	22.5	55.3	85.2	107	121														
100	13.6	43.3	74.5	96.7	111														
105	7.68	25.7	50.1	77.2	93.6														
110	6.63	16.7	26.0	35.1	57.1														
115	6.45	11.1	26.3	22.8	11.0														
120	6.15	8.16	17.2	25.7	32.7														
125	5.17	7.69	14.3	17.9	26.2														
130	6.14	8.83	6.51	15.6	21.0														
135	5.79	7.34	6.84	6.03	17.7														
140	4.56	4.22	10.8	6.95	4.36														
145	5.14	3.74	9.21	15.8	11.2														
150	5.30	5.12	5.14	12.7	14.8														
155	4.11	8.13	6.05	5.76	3.94														
160	3.93	5.11	6.74	5.56	4.47														
165	3.89	4.43	4.45	7.92	6.29														
170	3.60	3.71	3.76	3.87	7.75														
175	3.64	3.67	3.79	3.85	3.95														
180	5.80	5.88	5.17	3.87	3.94														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: