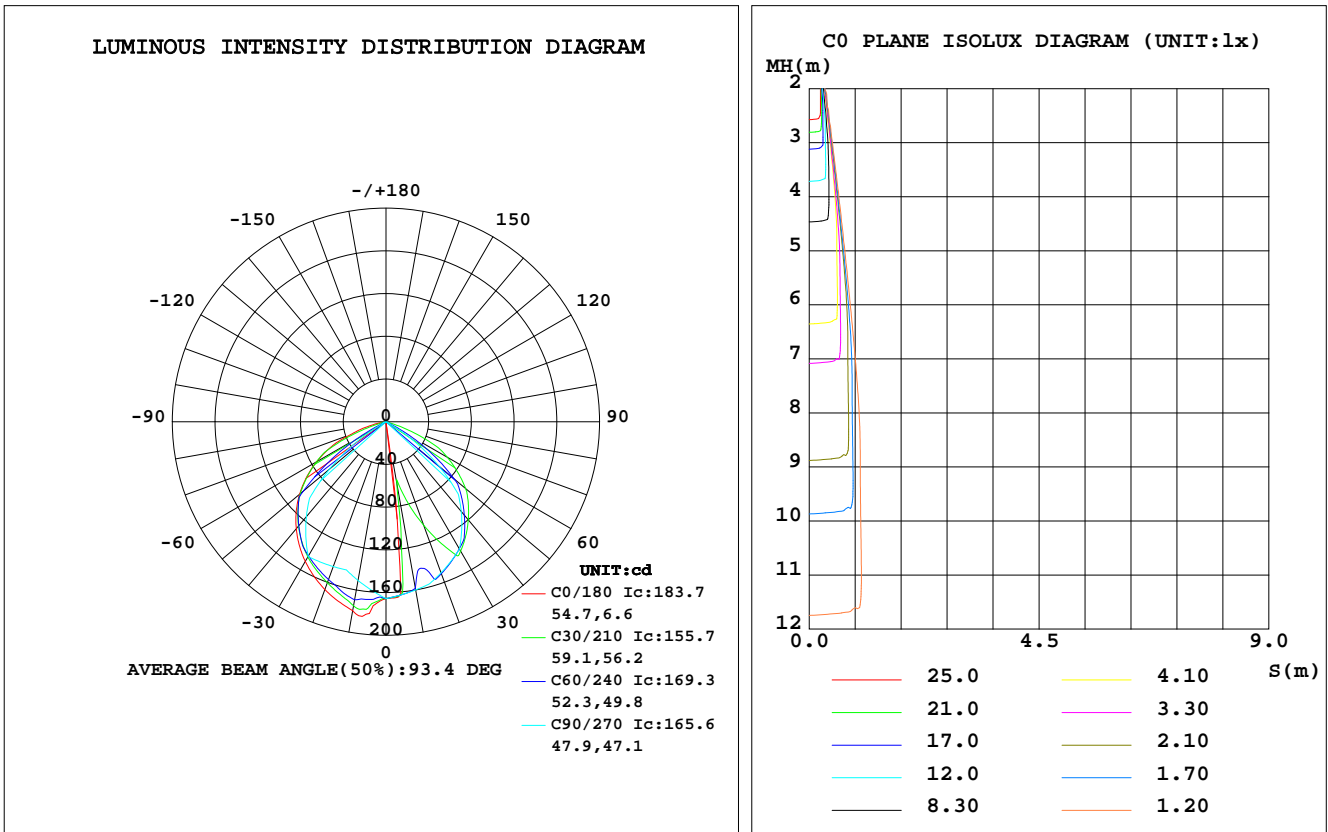


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEIGHTED LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.13 lm/W			
		I _{max} (cd)	183.7	S/MH(C0/180)	1.34
NOMINAL POWER(W)	3	LOR(%)	119.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	357.01	η UP, DN(C0-180)	0.0,56.6
NOMINAL FLUX(lm)	300	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,62.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	12	η down(%)	119.0	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [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
5	161.2	162.9	162.8	168.1	180.2	169.2	158.2	162.6	0- 5	3.953	3.953	1.11,1.32
10	0	113.2	159.9	170.7	179.7	172.9	150.9	115.4	5- 10	10.56	14.52	4.07,4.84
15	0	110.4	157.1	161.9	173.8	165.2	143.6	113.7	10- 15	15.71	30.22	8.47,10.1
20	0	146.6	150.6	154.0	167.3	158.6	144.3	150.9	15- 20	22.26	52.48	14.7,17.5
25	0	145.7	144.1	146.6	159.6	152.0	145.0	151.0	20- 25	28.49	80.97	22.7,27
30	0	137.9	137.6	138.5	151.1	144.8	145.7	144.1	25- 30	33.72	114.7	32.1,38.2
35	0	129.4	123.6	129.8	141.5	137.0	130.9	136.6	30- 35	37.73	152.4	42.7,50.8
40	0	119.7	109.6	120.0	130.7	128.1	116.0	128.2	35- 40	40.06	192.5	53.9,64.2
45	0	105.4	95.68	106.4	118.9	116.1	101.2	116.3	40- 45	40.50	233.0	65.3,77.7
50	0	91.09	65.06	92.77	105.6	103.9	69.05	104.0	45- 50	38.33	271.3	76,90.4
55	0	76.19	34.44	78.44	90.99	90.31	36.95	90.36	50- 55	32.37	303.7	85.1,101
60	0	47.13	3.815	48.78	75.12	56.53	4.847	55.99	55- 60	23.82	327.5	91.7,109
65	0	18.45	2.838	19.47	57.93	23.77	3.666	22.32	60- 65	14.98	342.5	95.9,114
70	0	2.188	1.861	2.790	34.97	5.106	2.486	3.257	65- 70	8.744	351.2	98.4,117
75	0	1.279	0.8835	1.706	18.09	3.135	1.305	1.998	70- 75	4.133	355.4	99.5,118
80	0	0.4196	0	0.6351	5.477	0.9951	0	0.7297	75- 80	1.417	356.8	99.9,119
85	0	0	0	0	0.4670	0	0	0	80- 85	0.2137	357.0	100,119
90	0.0054	0	0	0	0	0	0	0	85- 90	0.0148	357.0	100,119
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

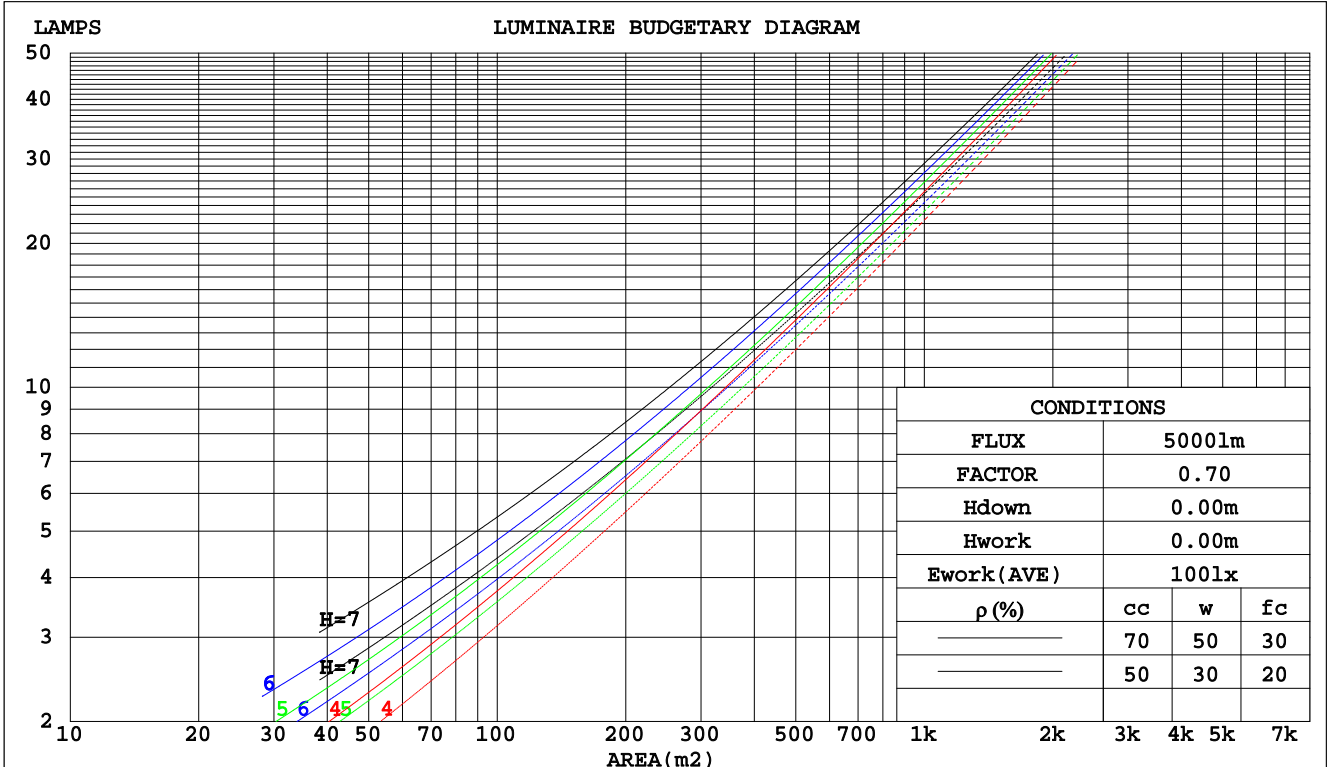
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEIGHTED LENS
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	1.42	1.42	1.42	1.38	1.38	1.38	1.32	1.32	1.32	1.27	1.27	1.27	1.21	1.21	1.21	1.19
1.0	1.27	1.23	1.20	1.25	1.21	1.18	1.20	1.17	1.14	1.15	1.13	1.11	1.11	1.09	1.07	1.05
2.0	1.13	1.07	1.01	1.11	1.05	.90	1.07	1.02	.97	1.03	.99	.95	.90	.96	.93	.91
3.0	1.01	.93	.86	.99	.91	.85	.96	.89	.84	.93	.87	.82	.90	.85	.81	.79
4.0	.90	.81	.74	.89	.80	.73	.86	.78	.72	.83	.77	.72	.81	.75	.71	.68
5.0	.81	.72	.64	.80	.71	.64	.78	.70	.63	.75	.68	.63	.73	.67	.62	.60
6.0	.74	.64	.57	.72	.63	.56	.70	.62	.56	.68	.61	.55	.67	.60	.55	.53
7.0	.67	.57	.50	.66	.57	.50	.64	.56	.50	.62	.55	.49	.61	.54	.49	.47
8.0	.61	.51	.45	.60	.51	.45	.59	.50	.44	.57	.50	.44	.56	.49	.44	.42
9.0	.56	.47	.40	.55	.46	.40	.54	.46	.40	.53	.45	.40	.52	.45	.40	.38
10.0	.52	.43	.37	.51	.42	.37	.50	.42	.36	.49	.41	.36	.48	.41	.36	.34



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:Y
Test Date:2024-05-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEIGHTED LENS
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	.296	.168	.053	.288	.164	.052	.272	.156	.050	.258	.149	.048	.245	.142	.046	
2.0	.291	.160	.049	.284	.157	.048	.271	.151	.047	.258	.145	.045	.247	.140	.044	
3.0	.279	.148	.044	.272	.146	.044	.261	.141	.043	.250	.137	.042	.239	.133	.041	
4.0	.264	.137	.040	.258	.135	.040	.248	.131	.039	.238	.128	.039	.229	.124	.038	
5.0	.248	.127	.037	.244	.125	.036	.234	.122	.036	.226	.119	.035	.218	.116	.035	
6.0	.234	.117	.034	.230	.116	.033	.221	.113	.033	.214	.111	.033	.206	.109	.032	
7.0	.220	.109	.031	.216	.108	.031	.209	.106	.030	.202	.104	.030	.196	.102	.030	
8.0	.208	.102	.029	.204	.101	.028	.198	.099	.028	.191	.097	.028	.185	.095	.028	
9.0	.196	.095	.027	.193	.094	.026	.187	.093	.026	.181	.091	.026	.176	.089	.026	
10.0	.186	.089	.025	.183	.088	.025	.177	.087	.024	.172	.086	.024	.168	.084	.024	

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	.227	.227	.227	.194	.194	.194	.132	.132	.132	.076	.076	.076	.024	.024	.024	
1.0	.210	.186	.166	.179	.160	.143	.123	.110	.099	.071	.064	.057	.023	.021	.019	
2.0	.198	.157	.123	.169	.135	.107	.116	.094	.074	.067	.054	.044	.021	.018	.014	
3.0	.188	.136	.094	.161	.117	.082	.110	.081	.057	.064	.048	.034	.020	.015	.011	
4.0	.179	.119	.074	.153	.103	.065	.105	.072	.045	.061	.042	.027	.020	.014	.009	
5.0	.170	.107	.060	.146	.092	.052	.101	.065	.037	.058	.038	.022	.019	.012	.007	
6.0	.162	.097	.050	.140	.084	.043	.096	.059	.031	.056	.034	.018	.018	.011	.006	
7.0	.155	.088	.042	.133	.077	.036	.092	.054	.026	.054	.032	.015	.017	.010	.005	
8.0	.148	.082	.036	.127	.071	.031	.088	.050	.022	.051	.029	.013	.017	.010	.004	
9.0	.141	.076	.031	.122	.066	.027	.084	.046	.019	.049	.027	.012	.016	.009	.004	
10.0	.135	.071	.028	.117	.061	.024	.081	.043	.017	.047	.026	.010	.015	.008	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm										
NAME: 489871-2700K ELATION 22'' CLEAR LENS					TYPE:489871-2700K ELATION			22 WEIGHTED LENS		
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	10.5	11.9	10.7	12.1	12.3	8.8	10.2	9.1	10.4	10.6
3H	11.1	12.3	11.3	12.5	12.8	8.6	9.9	8.9	10.1	10.3
4H	11.0	12.2	11.3	12.5	12.7	8.5	9.7	8.8	9.9	10.2
6H	10.9	12.0	11.3	12.3	12.6	8.4	9.5	8.7	9.8	10.1
8H	10.9	12.0	11.2	12.2	12.5	8.4	9.4	8.7	9.7	10.0
12H	10.8	11.9	11.2	12.1	12.4	8.3	9.3	8.7	9.6	9.9
4H 2H	10.8	12.0	11.1	12.2	12.5	9.3	10.5	9.6	10.8	11.0
3H	11.5	12.6	11.9	12.8	13.1	9.1	10.2	9.5	10.5	10.8
4H	11.6	12.5	12.0	12.8	13.2	9.1	10.0	9.4	10.3	10.6
6H	11.5	12.3	11.9	12.7	13.0	9.0	9.8	9.4	10.1	10.5
8H	11.5	12.2	11.9	12.6	13.0	8.9	9.7	9.3	10.0	10.4
12H	11.4	12.1	11.9	12.5	12.9	8.9	9.6	9.3	9.9	10.3
8H 4H	11.5	12.2	11.9	12.6	12.9	9.0	9.8	9.4	10.1	10.5
6H	11.4	12.0	11.8	12.4	12.8	8.9	9.6	9.4	10.0	10.4
8H	11.4	11.9	11.8	12.3	12.8	8.9	9.4	9.4	9.9	10.3
12H	11.3	11.8	11.8	12.2	12.7	8.9	9.3	9.3	9.8	10.2
12H 4H	11.4	12.1	11.8	12.5	12.9	9.0	9.7	9.4	10.0	10.4
6H	11.4	11.9	11.8	12.3	12.8	8.9	9.4	9.4	9.9	10.3
8H	11.3	11.8	11.8	12.2	12.7	8.9	9.3	9.3	9.8	10.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 1.6 / - 2.8				
1.5H	+ 2.0 / - 7.2					+ 0.9 / - 1.0				
2.0H	+ 2.2 / -21.0					+ 2.9 / -15.0				

CIE Pub.117 Corrected 300.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.2)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEICHER LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

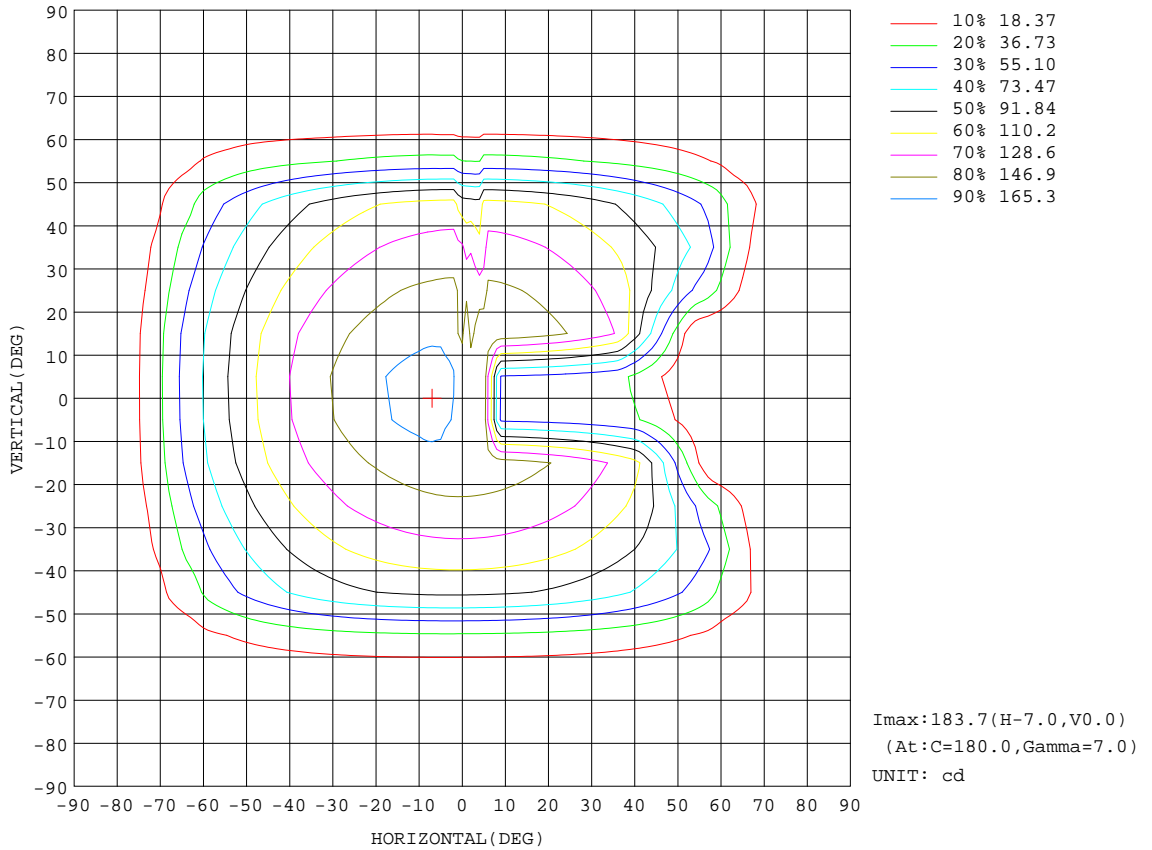
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	74	61	53	73	61	53	72	60	53	46
0.80	87	74	66	86	74	66	84	73	66	58
1.00	97	86	78	96	85	78	94	86	77	70
1.25	106	95	88	104	94	88	101	93	87	79
1.50	111	102	95	110	101	94	106	99	93	85
2.00	119	111	104	117	109	103	113	107	102	93
2.50	123	115	109	120	113	108	116	110	106	97
3.00	126	119	114	124	118	113	119	114	110	101
4.00	130	124	120	127	122	118	122	118	115	105
5.00	132	127	123	129	125	121	124	121	118	107
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:Y
Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEIGHTED LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

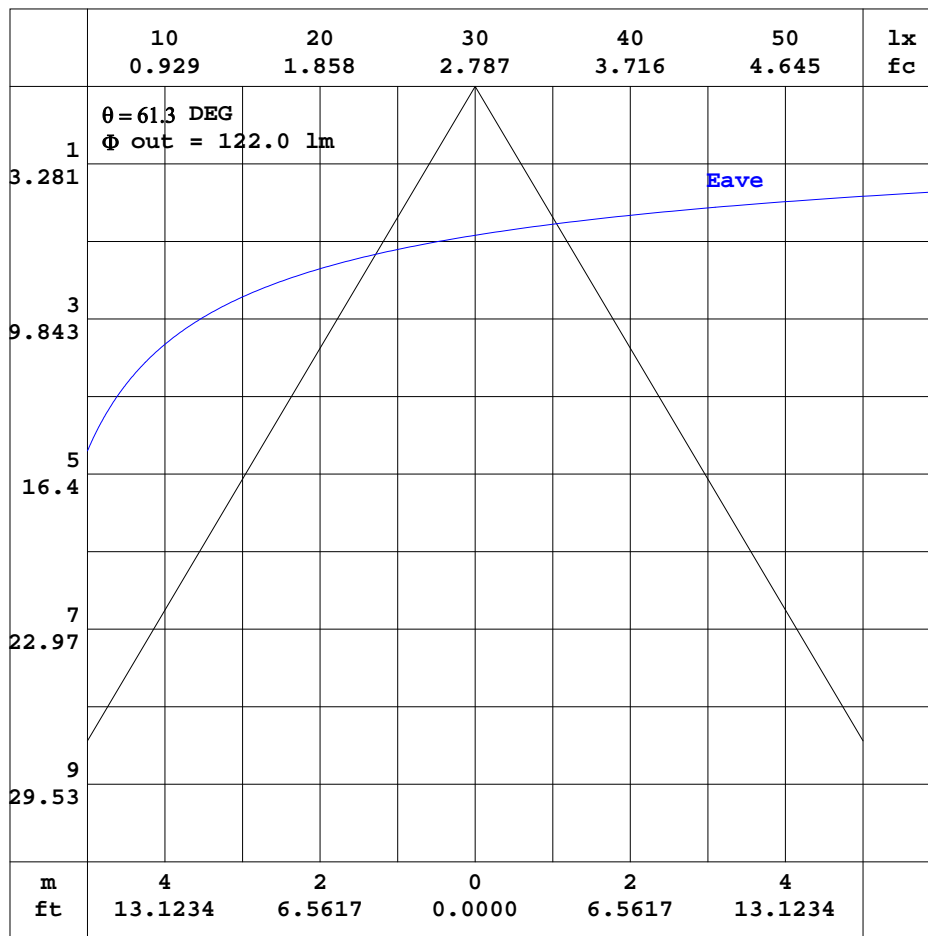


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

AAI CURVES

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEICHER LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



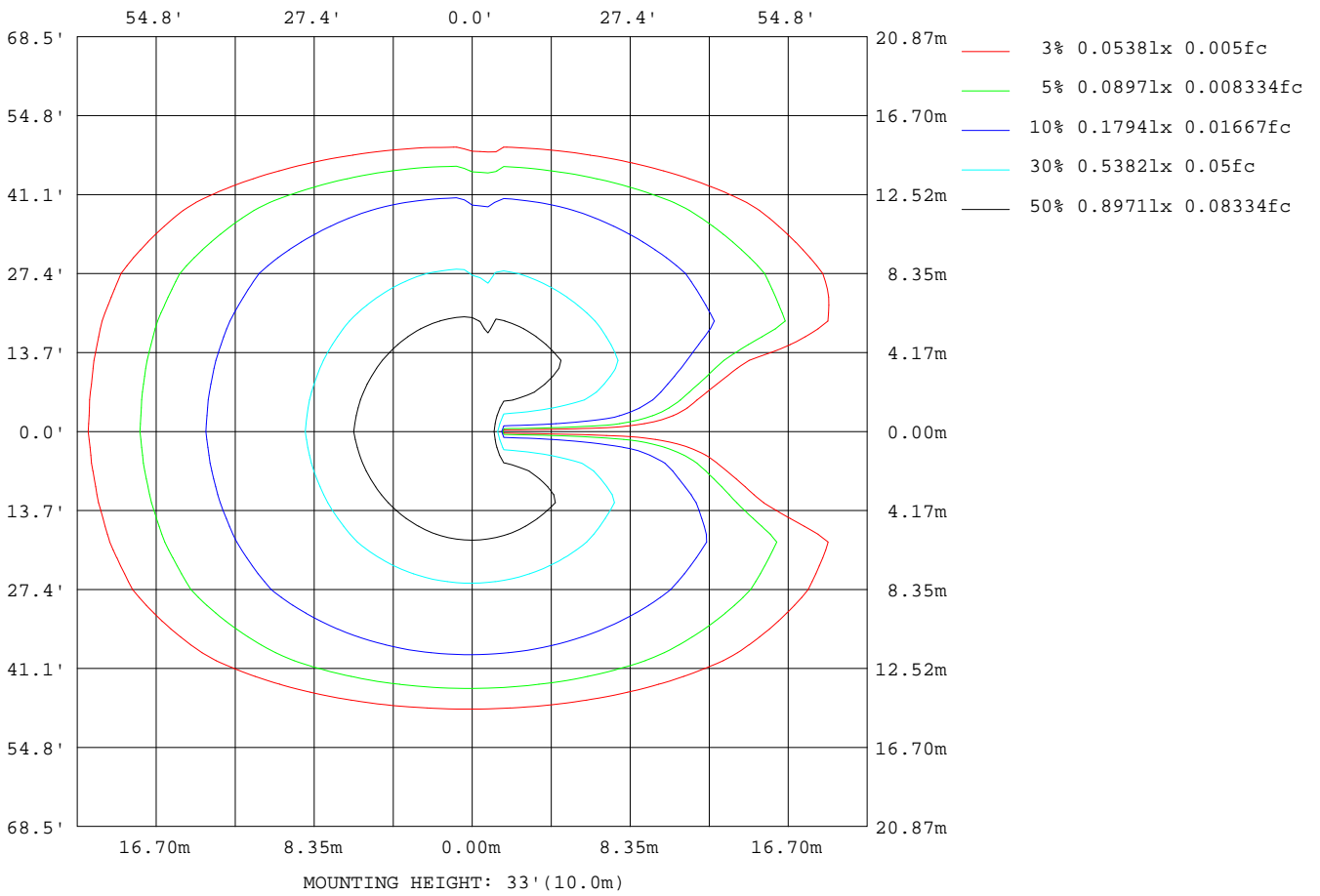
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:Y
Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEIGHTED LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:Y
Test Date:2024-05-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION 22	WEIGHT: CLEAR LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

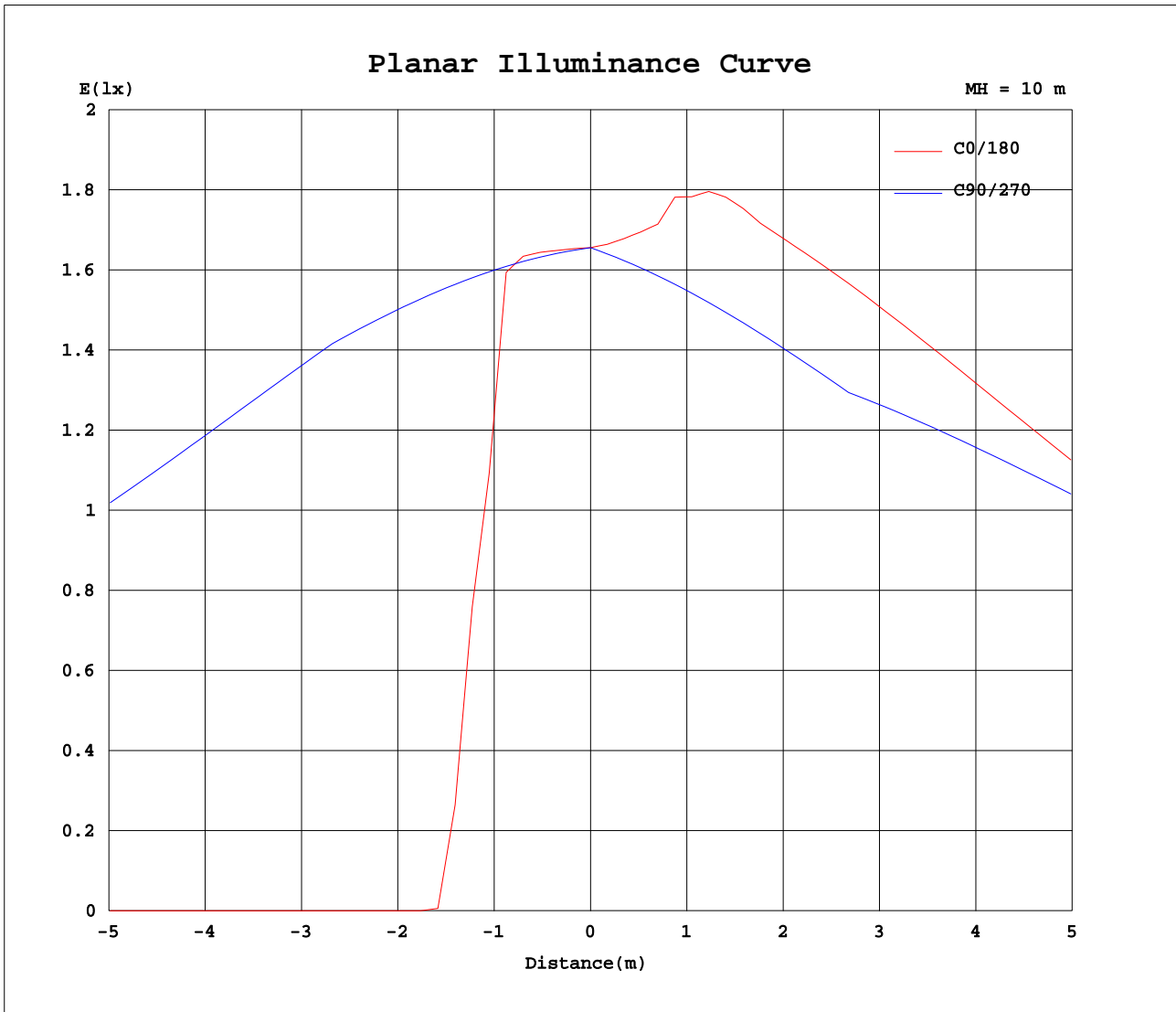
AvgL	cd/m2
L_0~180(65)av	343
L_0~180(75)av	175
L_0~180(85)av	13
L_90~270(65)av	38
L_90~270(75)av	21
L_90~270(85)av	0
L_45(65)av	249
L_45(75)av	39
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: Y
 Test Date: 2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEIGHTED LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
5	179	177	176	175	173	171	170	169	168	168	167	166	164	162	160	159	158	160	163
10	178	177	176	176	175	174	174	173	171	170	169	167	165	164	161	153	151	160	153
15	171	170	169	168	167	166	166	165	165	164	164	163	162	162	162	151	144	154	146
20	164	163	162	161	160	160	159	159	158	158	157	157	157	157	157	154	144	144	146
25	157	156	155	154	154	153	152	152	152	152	151	151	151	151	151	151	145	140	137
30	148	148	147	147	146	145	145	145	145	145	145	145	146	146	146	146	146	136	125
35	139	139	139	138	137	137	137	137	137	138	138	137	137	137	137	137	131	122	132
40	129	129	129	128	128	127	128	128	128	127	127	127	127	127	127	127	116	109	127
45	118	118	117	117	117	117	117	116	116	116	116	117	117	117	117	118	101	98.8	117
50	105	105	104	104	105	104	104	104	104	105	101	94.8	89.7	85.5	82.5	80.5	69.1	68.2	82.5
55	91.5	90.8	90.6	90.9	90.2	90.1	90.6	90.3	81.1	72.7	65.1	58.4	52.9	48.4	45.2	42.8	36.9	37.5	45.2
60	75.9	75.3	75.9	75.1	75.2	76.0	66.6	56.5	46.7	37.6	29.4	22.2	16.2	11.4	7.94	5.08	4.85	5.68	7.84
65	58.5	59.2	58.8	59.0	55.4	45.4	34.7	23.8	13.0	4.90	4.58	4.38	4.25	4.09	3.98	3.33	3.67	3.85	3.88
70	37.1	39.1	39.5	36.5	26.9	16.2	6.30	5.11	4.27	3.58	3.27	3.10	2.97	2.83	2.73	2.27	2.49	2.62	2.65
75	20.2	21.2	17.8	11.9	6.01	4.82	3.96	3.14	2.57	2.16	1.94	1.81	1.68	1.58	1.48	1.19	1.31	1.38	1.42
80	6.09	5.46	3.94	3.25	2.64	1.82	1.28	1.00	0.79	0.59	0.43	0.29	0.18	0.10	0.04	0.01	0.00	0.01	0.04
85	0.56	0.72	0.42	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:11.95V I:0.4019A P:3.036W PF:0.6320 Lamp Flux:235x1 lm		
NAME: 489871-2700K ELATION 22'' CLEAR LENS	TYPE:489871-2700K ELATION	22 WEIGHTED LENS
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166				
5	162	159	158	159	160	162	163	163	164	163	163	162	162	161	161				
10	153	158	162	161	145	130	115	94.8	75.5	60.3	45.8	37.0	28.0	18.7	9.37				
15	159	161	155	147	134	123	114	103	92.1	80.2	67.7	54.7	41.4	27.8	13.9				
20	151	157	157	157	157	157	151	137	122	106	89.6	72.4	54.7	36.7	18.4				
25	151	151	151	151	151	151	151	151	151	132	111	89.5	67.5	45.3	22.7				
30	146	146	145	145	145	144	144	144	144	144	131	106	79.5	53.2	26.6				
35	137	137	137	138	138	137	137	136	136	135	135	120	90.4	60.3	30.2				
40	127	127	127	127	127	128	128	128	127	126	124	120	90.9	57.9	28.3				
45	117	117	117	116	116	116	116	117	117	114	106	92.7	75.0	46.2	21.8				
50	85.6	89.7	94.9	101	105	104	104	104	104	105	94.8	75.6	51.5	28.1	12.3				
55	48.4	52.8	58.3	65.0	72.6	81.1	90.4	90.8	90.3	90.2	90.8	70.8	37.7	5.03	1.28				
60	11.3	16.0	21.9	29.0	37.2	46.2	56.0	66.2	76.2	75.3	74.8	74.9	41.3	7.17	0.27				
65	3.92	3.97	4.03	4.11	4.21	11.8	22.3	33.3	44.3	55.1	58.7	53.8	40.6	11.9	0.05				
70	2.69	2.74	2.80	2.89	3.00	3.11	3.26	3.46	13.2	24.8	35.1	35.2	24.2	7.88	0.00				
75	1.46	1.51	1.59	1.70	1.77	1.87	2.00	2.15	2.28	2.50	7.88	15.2	15.2	1.44	0.00				
80	0.09	0.16	0.25	0.37	0.49	0.61	0.73	0.84	0.97	1.12	1.08	0.81	2.11	0.10	0.00				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2024-05-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks: