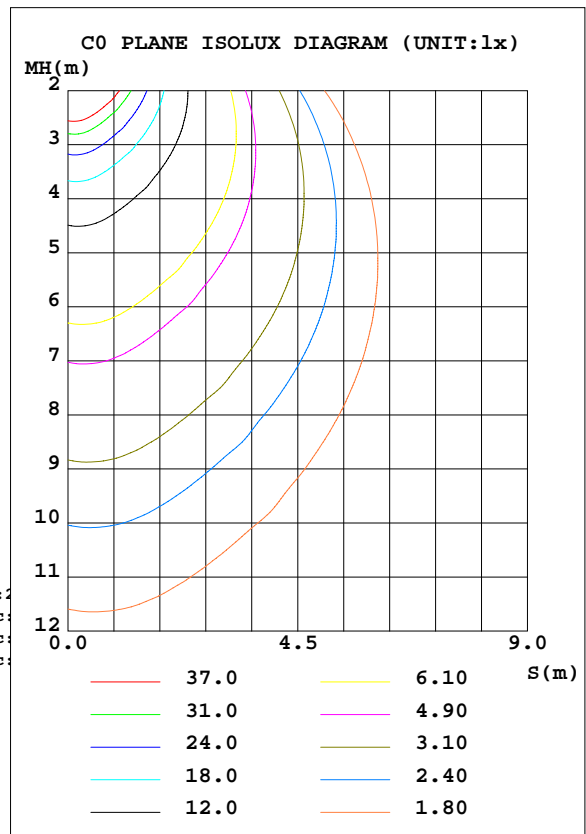
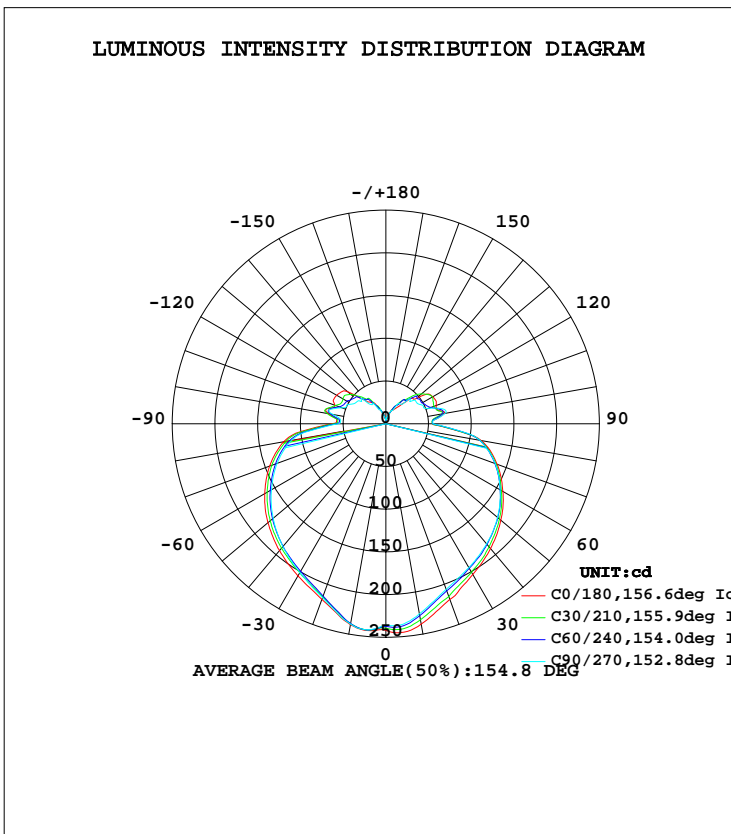


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 52.06 lm/W			
MODEL	LEDCL1001ADC	I _{max} (cd)	245.1	S/MH(C0/180)	1.28
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1267.9	η UP, DN(C0-180)	12.0, 37.7
NOMINAL FLUX(lm)	1267.88	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	11.9, 38.4
LAMPS INSIDE	1	η up(%)	23.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down(%)	76.1	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-01-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: 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	lum, lamp
10	238.3	230.4	226.1	228.8	238.9	236.5	238.2	238.1	0- 10	22.72	22.72	1.79,1.79
20	219.0	211.3	206.4	211.2	218.9	215.0	216.7	216.0	10- 20	63.04	85.75	6.76,6.76
30	203.7	197.5	194.4	198.7	205.7	200.1	201.3	200.3	20- 30	95.30	181.1	14.3,14.3
40	190.8	185.7	183.6	186.9	193.7	188.3	187.5	186.9	30- 40	121.5	302.6	23.9,23.9
50	175.7	172.2	170.7	173.4	180.2	174.6	172.3	172.8	40- 50	139.8	442.4	34.9,34.9
60	158.2	155.4	154.5	156.8	163.8	158.1	154.7	155.7	50- 60	148.3	590.7	46.6,46.6
70	138.7	136.6	136.1	137.5	144.7	139.6	135.5	136.9	60- 70	146.3	737.0	58.1,58.1
80	113.5	112.6	111.9	113.9	121.5	115.9	112.4	113.4	70- 80	133.9	870.9	68.7,68.7
90	55.05	54.75	55.35	56.11	63.60	57.72	55.38	54.51	80- 90	94.03	964.9	76.1,76.1
100	69.50	66.28	70.50	66.07	67.58	68.53	62.99	67.08	90-100	63.51	1028	81.1,81.1
110	62.59	57.86	52.92	59.44	63.69	60.13	54.82	55.62	100-110	69.08	1098	86.6,86.6
120	63.41	56.26	45.61	56.04	66.57	55.00	46.21	54.83	110-120	56.18	1154	91,91
130	45.62	53.38	43.20	53.06	58.38	50.64	42.22	50.87	120-130	47.89	1202	94.8,94.8
140	30.57	38.73	30.02	39.42	33.97	38.46	30.52	36.78	130-140	33.39	1235	97.4,97.4
150	19.68	27.19	24.54	29.75	28.96	29.69	26.53	26.23	140-150	19.67	1255	99,99
160	14.41	14.48	14.11	16.96	15.56	17.12	15.42	14.18	150-160	9.476	1264	99.7,99.7
170	6.465	6.635	7.390	7.100	9.289	7.447	8.268	6.802	160-170	3.233	1267	100,100
180	4.510	4.479	4.383	4.514	4.521	4.467	4.390	4.502	170-180	0.5403	1268	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

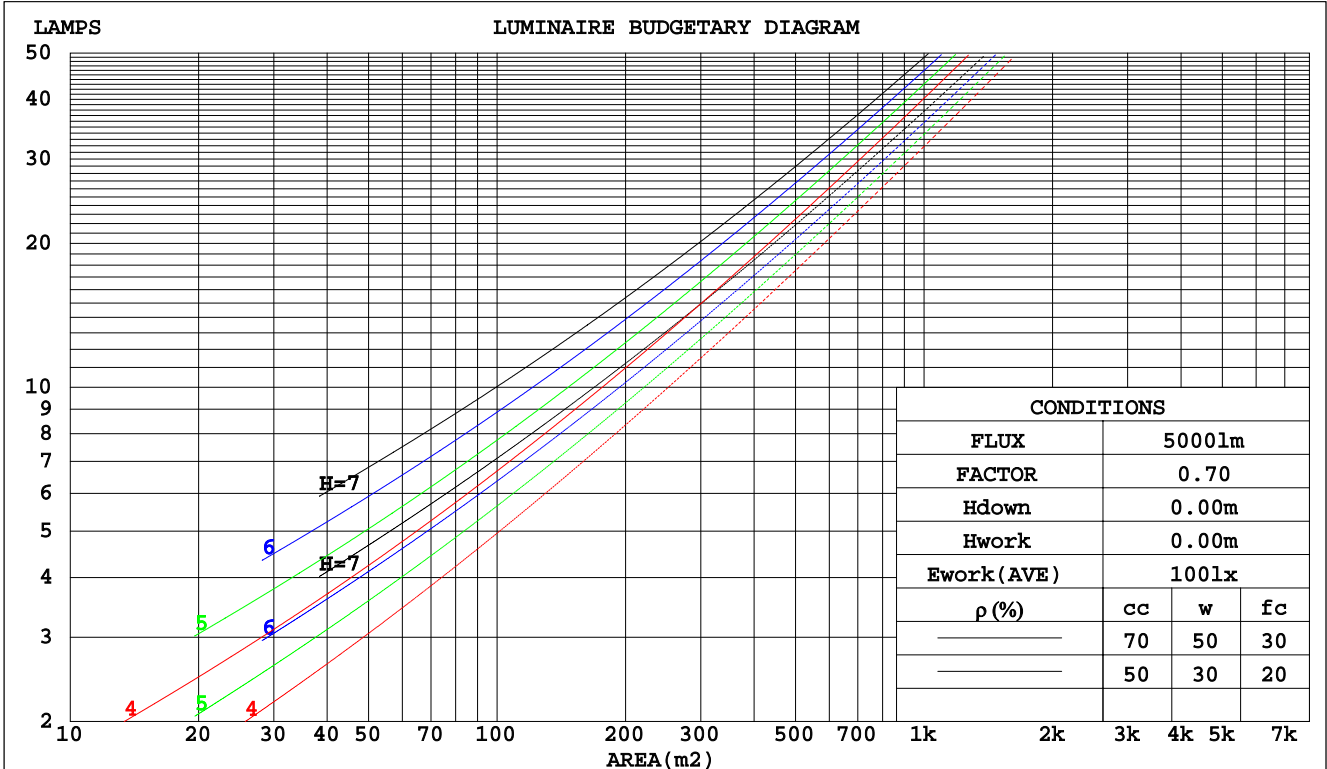
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-01-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: 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:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	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																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.13	1.13	1.13	1.08	1.08	1.08	.98	.98	.98	.89	.89	.89	.80	.80	.80	.76
1.0	.94	.88	.83	.89	.84	.80	.80	.76	.73	.72	.69	.66	.65	.63	.60	.56
2.0	.80	.72	.65	.76	.68	.62	.68	.62	.57	.61	.57	.52	.55	.51	.48	.44
3.0	.69	.60	.52	.65	.57	.50	.59	.52	.46	.53	.47	.43	.47	.43	.39	.36
4.0	.60	.51	.43	.57	.48	.42	.52	.44	.39	.46	.40	.35	.42	.37	.33	.29
5.0	.53	.44	.37	.51	.42	.35	.46	.38	.33	.41	.35	.30	.37	.32	.28	.25
6.0	.48	.38	.31	.45	.37	.30	.41	.34	.28	.37	.31	.26	.33	.28	.24	.21
7.0	.43	.34	.27	.41	.32	.26	.37	.30	.25	.34	.27	.23	.30	.25	.21	.19
8.0	.39	.30	.24	.37	.29	.23	.34	.27	.22	.31	.25	.20	.28	.23	.19	.16
9.0	.35	.27	.21	.34	.26	.21	.31	.24	.19	.28	.22	.18	.26	.20	.17	.15
10.0	.33	.25	.19	.31	.24	.19	.29	.22	.17	.26	.20	.16	.24	.19	.15	.13



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-01-22

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

WEC AND CCEC

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	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	.393	.223	.071	.378	.216	.069	.351	.201	.064	.326	.188	.060	.303	.176	.057	
2.0	.339	.186	.057	.326	.180	.055	.301	.168	.052	.279	.156	.049	.258	.146	.046	
3.0	.300	.160	.048	.288	.154	.047	.266	.144	.044	.245	.134	.041	.226	.125	.039	
4.0	.270	.140	.041	.259	.135	.040	.238	.126	.038	.219	.118	.036	.202	.110	.033	
5.0	.244	.125	.036	.234	.120	.035	.216	.112	.033	.199	.105	.031	.182	.097	.029	
6.0	.223	.112	.032	.214	.108	.031	.197	.101	.029	.181	.094	.028	.167	.088	.026	
7.0	.206	.102	.029	.197	.098	.028	.182	.092	.026	.167	.086	.025	.153	.080	.023	
8.0	.190	.093	.026	.183	.090	.025	.168	.084	.024	.155	.079	.023	.142	.073	.021	
9.0	.177	.086	.024	.170	.083	.023	.157	.078	.022	.144	.072	.021	.133	.067	.019	
10.0	.166	.079	.022	.159	.077	.021	.147	.072	.020	.135	.067	.019	.124	.063	.018	

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	.373	.373	.373	.318	.318	.318	.217	.217	.217	.125	.125	.125	.040	.040	.040	
1.0	.370	.339	.311	.316	.291	.268	.216	.200	.185	.125	.116	.108	.040	.037	.035	
2.0	.363	.316	.277	.311	.272	.239	.213	.188	.167	.123	.110	.098	.039	.035	.032	
3.0	.356	.300	.256	.305	.259	.222	.210	.180	.156	.121	.105	.092	.039	.034	.030	
4.0	.348	.288	.242	.299	.249	.210	.206	.173	.148	.119	.102	.088	.038	.033	.029	
5.0	.341	.278	.232	.293	.241	.202	.202	.168	.143	.117	.099	.085	.038	.032	.028	
6.0	.333	.271	.226	.287	.234	.196	.198	.164	.139	.115	.096	.083	.037	.032	.027	
7.0	.326	.264	.221	.281	.229	.192	.194	.161	.136	.113	.095	.081	.036	.031	.027	
8.0	.320	.259	.217	.275	.224	.189	.190	.157	.134	.111	.093	.080	.036	.030	.026	
9.0	.313	.254	.214	.270	.220	.186	.187	.155	.132	.109	.091	.079	.035	.030	.026	
10.0	.307	.250	.211	.265	.217	.185	.184	.153	.131	.107	.090	.078	.035	.030	.026	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-01-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: 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:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm										
NAME: 4319					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	15.2	16.6	15.8	17.2	17.8	15.1	16.4	15.7	17.0	17.7
3H	17.9	19.1	18.5	19.7	20.4	17.8	19.0	18.4	19.6	20.3
4H	19.3	20.4	19.9	21.1	21.8	19.2	20.3	19.8	21.0	21.7
6H	20.8	21.9	21.5	22.6	23.3	20.7	21.8	21.4	22.5	23.2
8H	21.6	22.6	22.2	23.3	24.1	21.5	22.6	22.2	23.2	24.0
12H	22.2	23.3	22.9	23.9	24.7	22.2	23.2	22.9	23.9	24.7
4H 2H	16.1	17.2	16.7	17.9	18.6	16.0	17.1	16.6	17.8	18.5
3H	18.9	19.9	19.5	20.6	21.4	18.8	19.8	19.5	20.5	21.3
4H	20.5	21.4	21.1	22.1	22.9	20.4	21.3	21.1	22.0	22.8
6H	22.2	23.0	22.9	23.7	24.6	22.1	22.9	22.8	23.6	24.5
8H	23.0	23.8	23.7	24.5	25.4	23.0	23.7	23.7	24.5	25.3
12H	23.8	24.5	24.5	25.2	26.1	23.8	24.5	24.5	25.2	26.1
8H 4H	21.0	21.8	21.8	22.6	23.4	21.0	21.8	21.7	22.5	23.4
6H	23.0	23.7	23.8	24.4	25.3	22.9	23.6	23.7	24.4	25.3
8H	24.0	24.6	24.8	25.4	26.3	24.0	24.6	24.8	25.4	26.3
12H	24.9	25.5	25.7	26.2	27.2	25.0	25.5	25.8	26.3	27.2
12H 4H	21.2	21.9	21.9	22.6	23.5	21.1	21.8	21.9	22.6	23.5
6H	23.2	23.8	24.0	24.6	25.5	23.2	23.8	24.0	24.5	25.5
8H	24.3	24.9	25.1	25.6	26.6	24.3	24.8	25.1	25.6	26.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1268 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-01-22

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

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

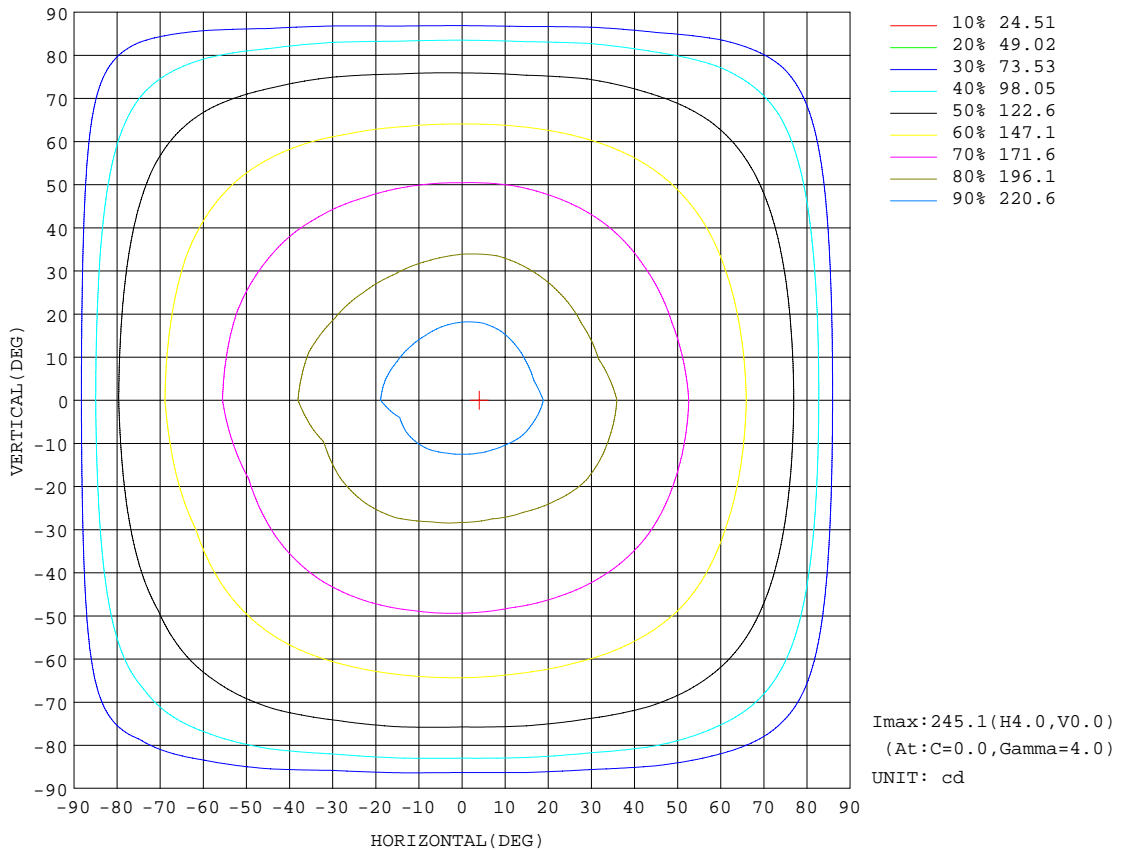
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	32	25	44	32	25	41	31	24	17
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	48	40	59	47	39	55	47	37	28
1.25	69	56	47	66	54	46	61	51	44	33
1.50	74	61	52	71	59	51	65	55	48	37
2.00	81	70	61	78	67	59	71	63	56	43
2.50	86	75	67	82	73	65	75	67	61	47
3.00	90	80	73	86	77	70	78	71	65	50
4.00	95	87	80	90	83	77	82	76	71	55
5.00	98	91	85	93	87	81	85	80	75	58
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:wxh
 Test Date:2019-01-22

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

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

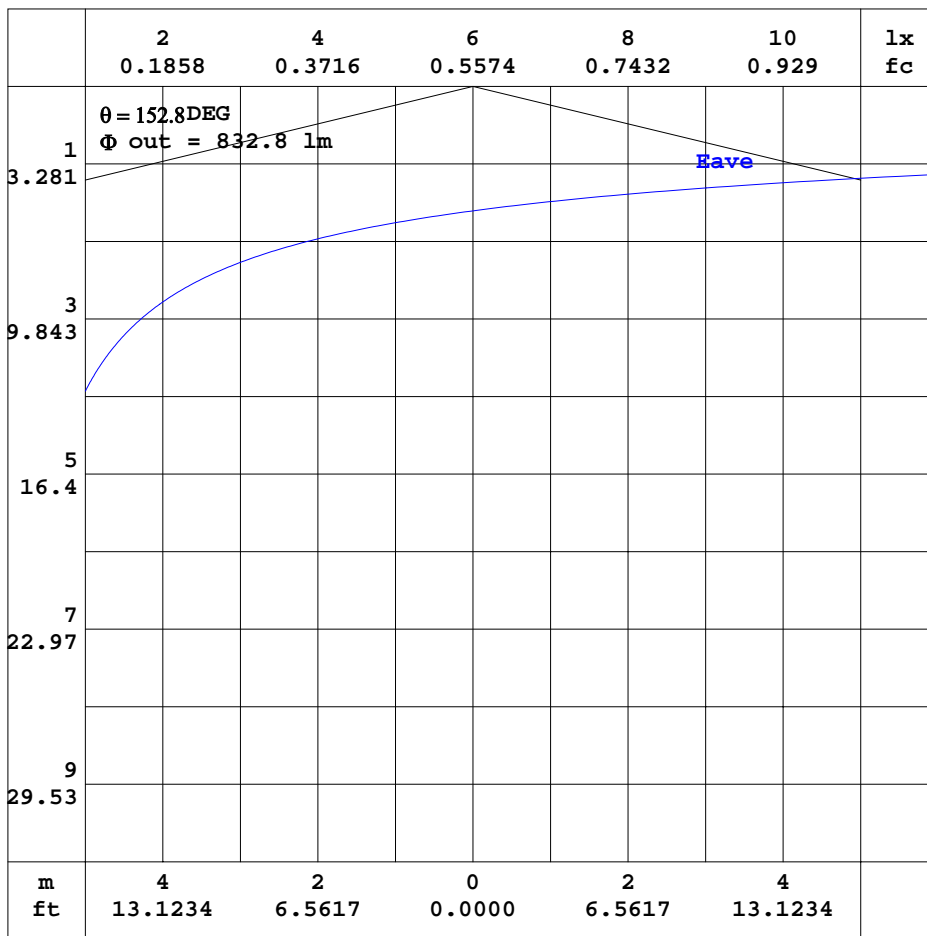


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-01-22

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

AAI CURVES

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



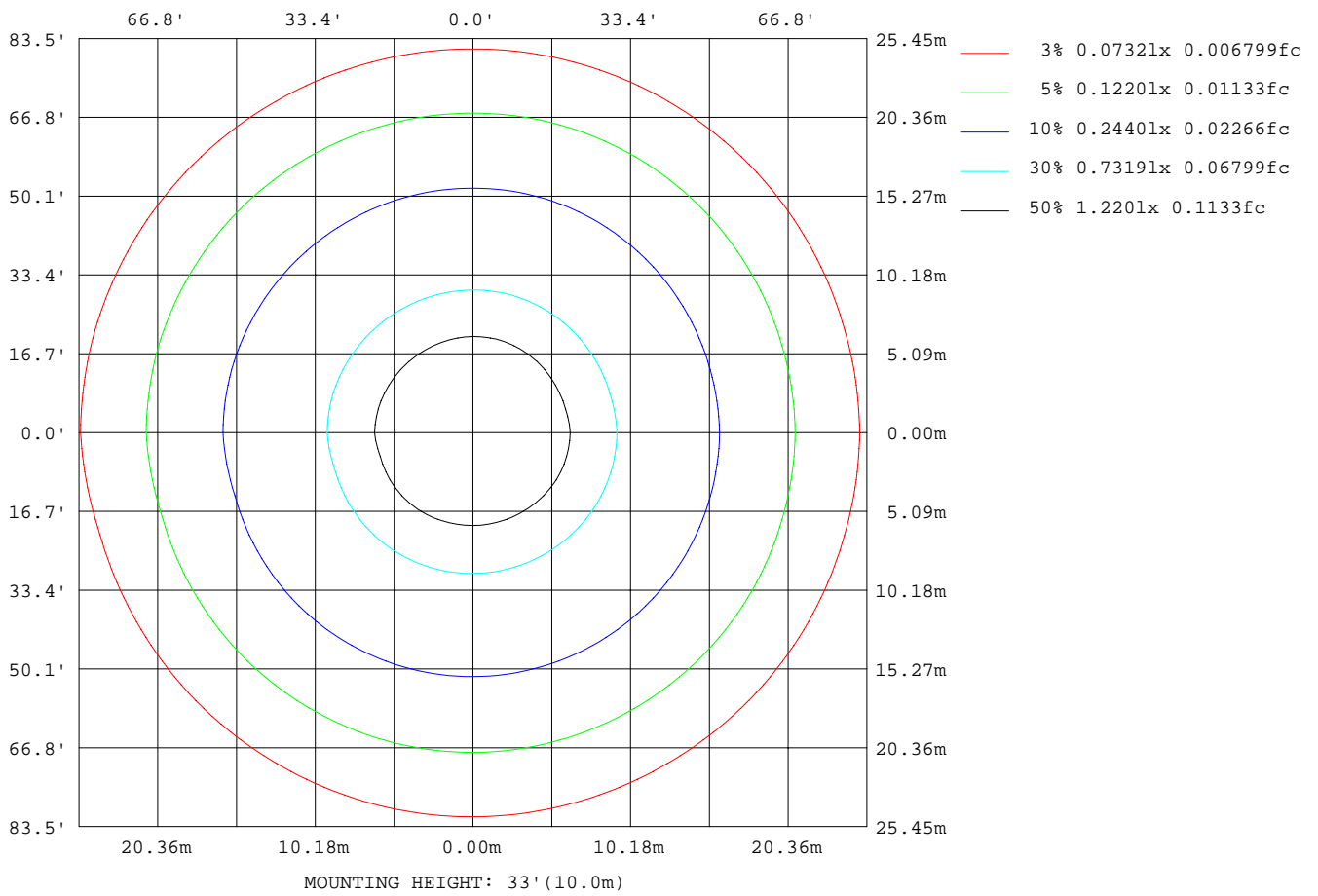
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-01-22

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

ISOLUX DIAGRAM

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319:	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: wxh
 Test Date: 2019-01-22

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

LED Avg.L Report

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

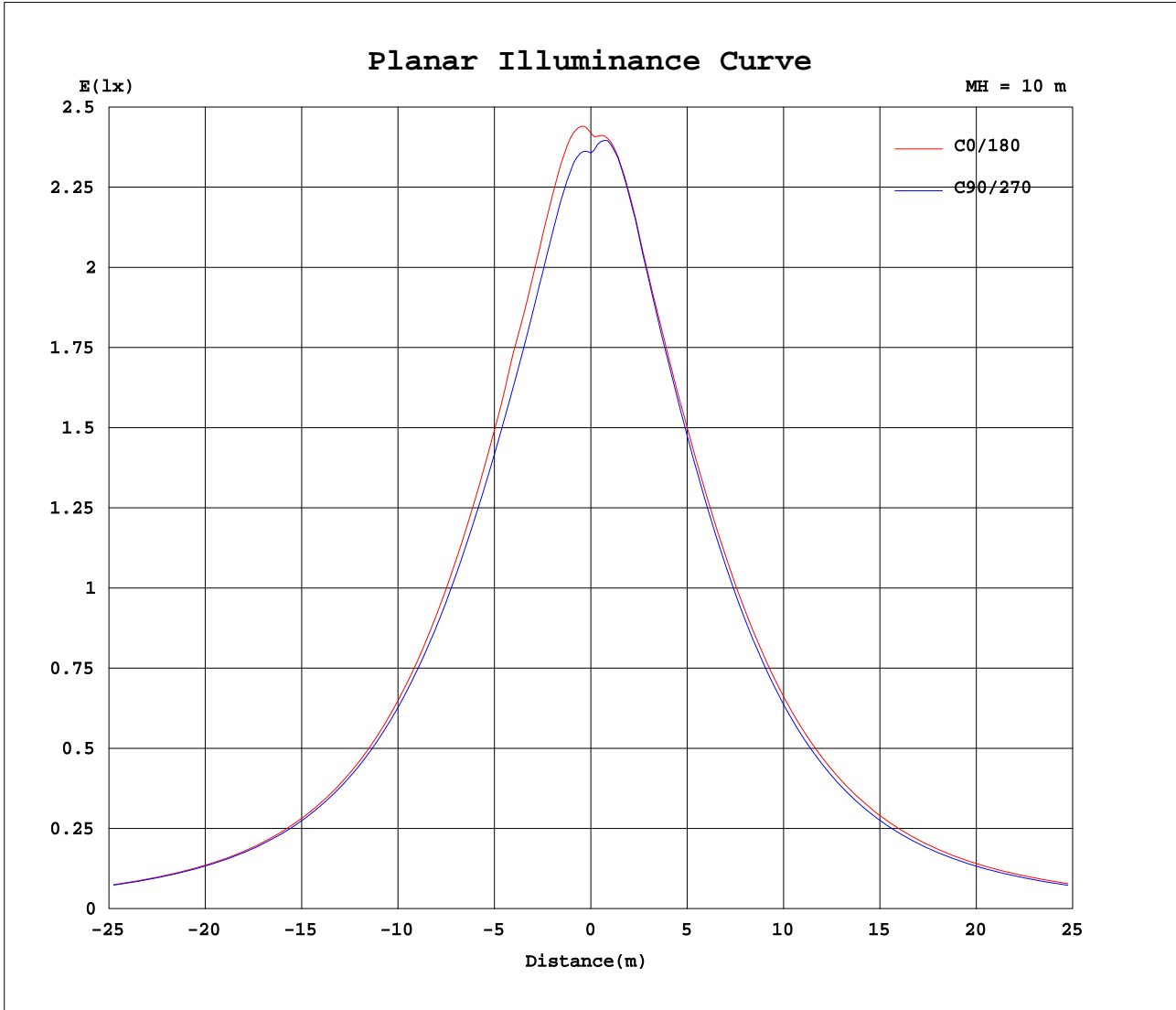
AvgL	cd/m2
L_0~180(65)av	3591
L_0~180(75)av	5047
L_0~180(85)av	10182
L_90~270(65)av	3445
L_90~270(75)av	4820
L_90~270(85)av	9699
L_45(65)av	3487
L_45(75)av	4896
L_45(85)av	9868

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-01-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: 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: wxh
 Test Date: 2019-01-22

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	TYPE:	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	242	240	239	238	237	236	236	235	235	236	235	235	242	240	239	238	237	236	236
5	245	243	241	239	237	236	235	235	235	236	236	237	243	243	242	242	242	242	242
10	238	236	233	230	228	227	226	226	228	229	230	231	239	238	238	236	237	237	238
15	228	225	223	219	217	216	215	216	217	219	220	221	228	228	226	225	226	226	227
20	219	218	215	211	208	207	206	207	209	211	212	212	219	218	216	215	215	216	217
25	211	209	207	204	202	200	200	201	202	204	205	205	211	210	208	207	206	207	208
30	204	202	201	198	195	194	194	195	197	199	200	200	206	204	201	200	200	200	201
35	197	196	195	192	190	189	189	190	192	193	194	194	200	198	196	194	193	194	195
40	191	189	188	186	184	184	184	184	186	187	188	188	194	193	190	188	187	187	188
45	184	182	181	179	178	177	178	178	179	180	181	181	187	186	184	182	180	180	180
50	176	175	174	172	171	170	171	171	172	173	174	174	180	179	177	175	173	173	172
55	167	166	165	164	163	163	163	164	164	165	166	167	173	172	169	167	165	164	164
60	158	157	156	155	154	154	154	155	156	157	157	158	164	163	161	158	156	155	155
65	149	147	147	146	146	145	146	146	147	147	148	148	155	154	151	149	147	146	145
70	139	137	137	137	136	136	136	136	137	137	138	139	145	144	142	140	137	136	136
75	127	126	126	125	125	125	125	125	126	127	127	128	134	133	131	129	127	125	125
80	113	113	112	113	112	112	112	113	112	114	114	115	122	121	119	116	115	113	112
85	79.8	79.6	80.4	82.5	81.8	83.4	82.6	84.0	83.1	86.3	85.7	88.1	97.7	96.9	94.1	89.9	89.1	86.4	86.5
90	55.1	54.9	54.7	54.7	55.0	55.2	55.3	55.7	55.8	56.1	56.1	56.9	63.6	63.0	61.0	57.7	57.4	55.1	55.4
95	57.8	56.1	55.1	55.1	56.0	56.7	57.7	57.3	56.7	55.8	55.9	56.1	57.8	57.3	56.6	55.7	54.5	53.7	53.3
100	69.5	67.8	66.7	66.3	67.3	68.8	70.5	69.8	68.6	66.1	65.6	65.5	67.6	69.1	69.7	68.5	65.5	63.9	63.0
105	62.5	62.5	61.9	64.6	65.7	67.3	68.1	68.1	67.3	67.4	64.8	64.2	69.9	69.0	70.8	69.8	68.0	66.5	66.4
110	62.6	61.7	59.8	57.9	56.3	55.8	52.9	57.5	57.9	59.4	61.1	63.2	63.7	62.4	62.8	60.1	58.1	56.2	54.8
115	64.7	63.4	61.2	54.8	51.8	50.0	48.6	51.4	53.3	56.1	60.7	64.3	67.5	61.8	57.8	57.1	54.0	52.7	50.8
120	63.4	63.3	62.7	56.3	49.0	46.7	45.6	48.3	50.3	56.0	62.1	64.2	66.6	61.3	58.1	55.0	52.8	49.3	46.2
125	61.0	60.3	60.0	57.4	49.0	45.0	43.9	47.1	49.5	57.1	60.7	62.6	64.5	61.2	58.4	54.7	49.5	47.0	43.1
130	45.6	49.6	54.5	53.4	47.6	42.6	43.2	44.0	47.1	53.1	54.9	52.8	58.4	54.7	53.3	50.6	47.5	44.6	42.2
135	42.4	45.5	47.6	45.0	42.4	43.0	40.9	42.5	43.2	45.8	47.1	43.5	42.6	45.7	45.8	44.9	43.1	43.3	41.5
140	30.6	35.5	37.5	38.7	35.4	30.7	30.0	33.1	36.1	39.4	39.4	36.7	34.0	37.5	39.0	38.5	36.7	33.3	30.5
145	23.9	27.3	33.2	33.3	32.2	31.2	28.4	31.9	33.3	34.9	36.1	33.5	30.7	34.1	36.5	33.7	34.4	31.8	27.6
150	19.7	23.2	25.1	27.2	25.2	23.5	24.5	24.1	26.5	29.7	25.7	26.0	29.0	26.4	26.9	29.7	26.5	25.1	26.5
155	19.0	19.7	19.7	19.7	19.7	19.4	17.3	19.9	19.7	20.3	22.4	21.3	19.8	22.7	23.4	20.2	21.2	20.9	18.1
160	14.4	13.2	13.7	14.5	13.6	14.1	14.1	13.7	15.6	17.0	16.3	15.8	15.6	16.4	17.4	17.1	16.4	14.9	15.4
165	10.3	9.90	9.74	9.92	9.64	9.99	10.5	11.3	11.1	11.6	11.1	11.5	12.3	12.2	12.0	11.7	12.1	12.5	11.4
170	6.46	6.60	6.72	6.63	6.55	6.73	7.39	7.13	6.52	7.10	7.29	7.99	9.29	8.71	8.05	7.45	7.63	8.16	8.27
175	4.52	4.60	4.50	4.43	4.32	4.37	4.58	4.49	4.31	4.43	4.49	4.66	5.40	5.48	5.48	5.08	5.06	4.95	5.04
180	4.51	4.49	4.51	4.48	4.43	4.42	4.38	4.39	4.41	4.51	4.49	4.39	4.52	4.48	4.52	4.47	4.44	4.41	4.39

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-01-22

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2058A P:24.35W PF:0.9862 Lamp Flux:1267.88x1 lm		
NAME: 4319	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	235	235	236	235	235														
5	242	243	242	242	241														
10	238	239	238	238	237														
15	228	228	227	226	225														
20	218	217	216	215	215														
25	209	209	207	206	207														
30	202	201	200	199	200														
35	195	194	194	194	193														
40	188	188	187	187	187														
45	181	180	180	180	180														
50	173	173	173	173	173														
55	164	164	164	165	165														
60	155	155	156	156	157														
65	146	146	147	147	148														
70	136	137	137	137	138														
75	125	126	126	127	127														
80	112	114	113	114	114														
85	85.8	87.6	85.3	86.3	84.6														
90	54.5	55.8	54.5	54.7	54.7														
95	53.4	53.6	54.6	55.1	56.0														
100	63.5	64.3	67.1	68.2	68.5														
105	64.9	65.7	65.3	64.7	63.4														
110	56.1	55.6	55.6	57.0	59.1														
115	51.4	51.9	54.0	56.1	59.2														
120	47.8	50.7	54.8	57.3	59.7														
125	45.2	48.5	55.6	56.4	58.8														
130	41.7	47.6	50.9	52.3	47.0														
135	41.7	42.4	44.7	44.9	43.7														
140	30.8	36.8	36.8	36.1	33.1														
145	31.2	33.2	33.1	30.7	26.0														
150	24.6	25.6	26.2	24.2	21.9														
155	20.1	19.6	19.6	19.8	18.3														
160	15.3	14.3	14.2	13.9	13.6														
165	10.9	10.3	9.92	10.0	10.3														
170	7.30	7.05	6.80	7.17	6.79														
175	4.67	4.66	4.56	4.66	4.70														
180	4.39	4.41	4.50	4.49	4.39														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-01-22

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