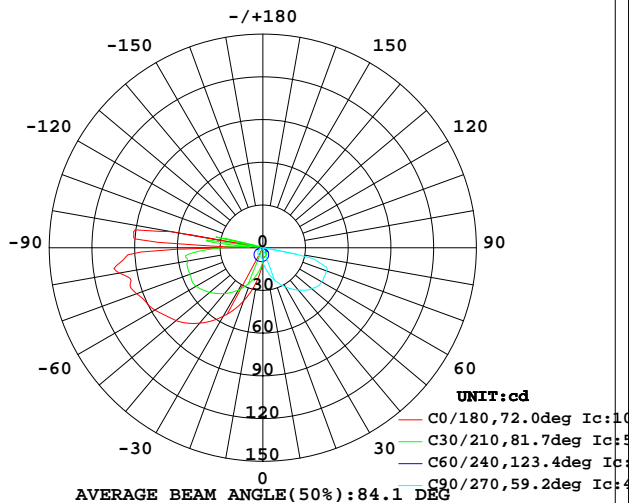
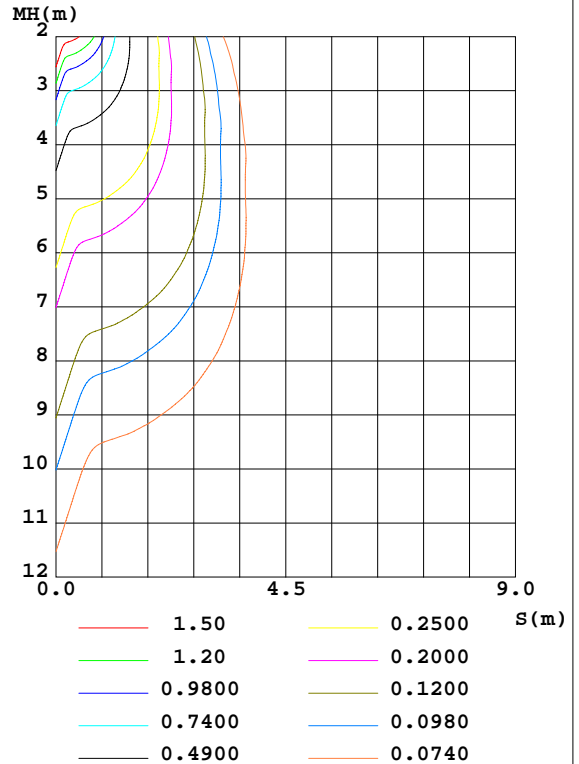


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.36 lm/W			
MODEL	8919	I _{max} (cd)	121.4	S/MH(C0/180)	4.63
NOMINAL POWER(W)	3.5	LOR(%)	100.0	S/MH(C90/270)	0.87
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	210.75	η UP,DN(C0-180)	9.0,55.0
NOMINAL FLUX(lm)	210.746	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	5.4,30.7
LAMPS INSIDE	1	η up(%)	14.3	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)		η down(%)	85.7	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-21

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	6.629	7.069	16.49	25.19	23.34	13.32	6.713	6.817	0- 10	1.117	1.117	0.53,0.53
20	5.909	6.035	24.17	43.51	39.81	17.22	6.543	6.117	10- 20	4.596	5.713	2.71,2.71
30	4.566	5.449	31.79	60.47	55.44	20.98	6.158	4.804	20- 30	9.860	15.57	7.39,7.39
40	3.225	4.663	38.79	75.14	69.21	24.25	5.495	3.517	30- 40	16.23	31.81	15.1,15.1
50	2.493	3.611	44.88	85.80	79.55	26.93	4.589	2.851	40- 50	22.85	54.66	25.9,25.9
60	2.042	2.383	47.91	92.93	87.54	28.95	3.484	2.380	50- 60	28.94	83.60	39.7,39.7
70	1.383	1.254	47.61	99.66	94.37	29.24	2.533	1.718	60- 70	33.36	117.0	55.5,55.5
80	1.498	0.8472	9.434	104.2	102.4	26.77	1.737	1.764	70- 80	36.86	153.8	73,73
90	1.274	0.6549	0.6239	100.7	28.55	17.07	1.636	1.349	80- 90	26.71	180.5	85.7,85.7
100	1.110	0.6586	0.5855	0.7950	65.73	24.48	1.174	1.148	90-100	24.71	205.2	97.4,97.4
110	1.090	0.6856	0.4585	0.9462	1.552	6.987	0.7317	1.078	100-110	2.076	207.3	98.4,98.4
120	1.090	0.7317	0.5505	0.7740	1.051	0.8666	0.9772	1.086	110-120	1.138	208.5	98.9,98.9
130	1.036	0.7317	0.5661	0.6392	0.9358	0.6472	0.7857	1.028	120-130	0.7312	209.2	99.3,99.3
140	0.9940	0.7008	0.5508	0.5584	0.7740	0.6085	0.7510	0.9360	130-140	0.5878	209.8	99.5,99.5
150	0.8859	0.6663	0.5122	0.5469	0.6547	0.5931	0.7201	0.8358	140-150	0.4359	210.2	99.7,99.7
160	0.8165	0.6546	0.5122	0.5469	0.6432	0.6007	0.6701	0.7587	150-160	0.3009	210.5	99.9,99.9
170	0.7241	0.6124	0.5392	0.5661	0.6432	0.6085	0.5969	0.6779	160-170	0.1780	210.7	100,100
180	0.6624	0.6085	0.5584	0.5892	0.6470	0.6085	0.5892	0.6085	170-180	0.0577	210.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

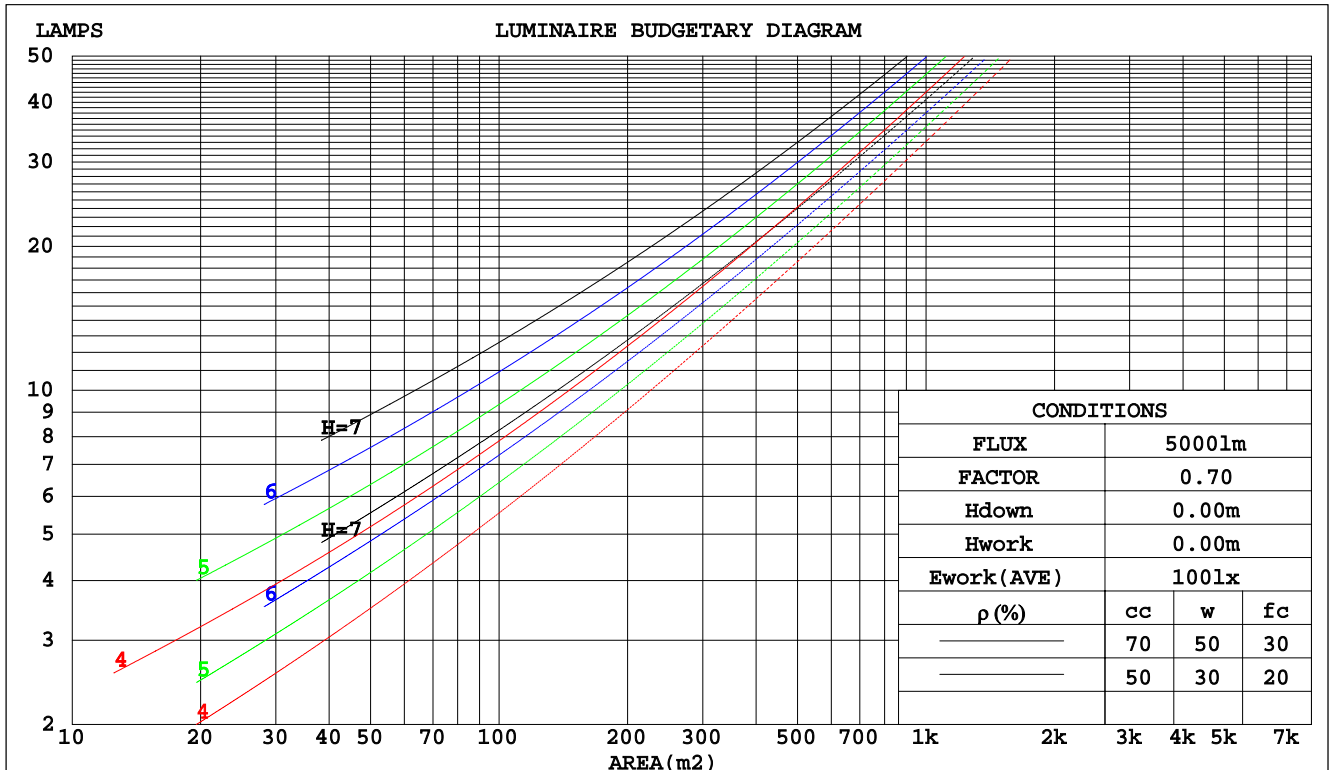
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.86
1.0	.91	.84	.78	.87	.81	.75	.80	.75	.70	.73	.69	.65	.67	.64	.61	.57
2.0	.75	.65	.57	.71	.62	.55	.65	.58	.51	.59	.53	.48	.54	.49	.45	.41
3.0	.63	.52	.43	.60	.50	.42	.55	.46	.39	.50	.43	.37	.45	.39	.34	.31
4.0	.54	.43	.34	.51	.41	.33	.47	.38	.31	.43	.35	.29	.39	.32	.27	.24
5.0	.47	.36	.28	.45	.35	.27	.41	.32	.25	.37	.30	.24	.34	.27	.22	.19
6.0	.41	.31	.23	.40	.30	.23	.36	.28	.21	.33	.25	.20	.30	.23	.18	.16
7.0	.37	.27	.20	.35	.26	.19	.32	.24	.18	.30	.22	.17	.27	.21	.16	.13
8.0	.33	.24	.17	.32	.23	.16	.29	.21	.15	.27	.20	.14	.24	.18	.13	.11
9.0	.30	.21	.15	.29	.20	.14	.27	.19	.13	.24	.17	.13	.22	.16	.12	.09
10.0	.27	.19	.13	.26	.18	.13	.24	.17	.12	.22	.16	.11	.21	.15	.10	.08



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm								
NAME: 8919__-1				TYPE:			WEIGHT:	
SPEC.:				DIM.:			SERIAL No.:	
MFR.:				SUR.:			PROTECTION ANGLE:	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.495	.282	.089	.483	.276	.088	.461	.265	.084	.441	.254	.082	.422	.244	.079	
2.0	.411	.225	.069	.400	.221	.068	.380	.211	.066	.361	.203	.063	.344	.195	.061	
3.0	.354	.189	.056	.345	.185	.056	.326	.177	.054	.309	.169	.052	.293	.162	.050	
4.0	.312	.162	.048	.303	.158	.047	.286	.152	.045	.271	.145	.044	.256	.139	.042	
5.0	.278	.142	.041	.270	.139	.040	.255	.133	.039	.241	.127	.038	.228	.122	.037	
6.0	.251	.126	.036	.244	.123	.035	.230	.118	.034	.217	.113	.033	.205	.108	.032	
7.0	.229	.113	.032	.222	.111	.032	.210	.106	.031	.198	.102	.030	.187	.097	.029	
8.0	.210	.103	.029	.204	.100	.028	.193	.096	.027	.182	.092	.027	.172	.088	.026	
9.0	.194	.094	.026	.188	.092	.026	.178	.088	.025	.168	.084	.024	.159	.081	.023	
10.0	.180	.086	.024	.175	.085	.024	.166	.081	.023	.157	.078	.022	.148	.074	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.300	.300	.300	.256	.256	.256	.175	.175	.175	.100	.100	.100	.032	.032	.032	
1.0	.303	.265	.230	.260	.227	.198	.178	.156	.137	.102	.090	.080	.033	.029	.026	
2.0	.299	.242	.194	.256	.209	.168	.176	.144	.117	.101	.084	.069	.032	.027	.022	
3.0	.292	.226	.174	.251	.195	.151	.172	.136	.106	.099	.079	.062	.032	.026	.020	
4.0	.284	.214	.161	.244	.185	.140	.168	.129	.098	.097	.076	.058	.031	.025	.019	
5.0	.276	.205	.152	.237	.177	.133	.163	.124	.094	.095	.073	.056	.030	.024	.018	
6.0	.268	.197	.146	.230	.171	.128	.159	.119	.090	.092	.070	.054	.030	.023	.018	
7.0	.260	.191	.142	.223	.165	.124	.154	.116	.088	.090	.068	.052	.029	.022	.017	
8.0	.252	.185	.139	.217	.160	.121	.150	.113	.086	.087	.066	.051	.028	.022	.017	
9.0	.245	.180	.136	.211	.156	.119	.146	.110	.084	.085	.065	.050	.028	.021	.017	
10.0	.239	.176	.134	.206	.153	.117	.143	.107	.083	.083	.064	.050	.027	.021	.016	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm											
NAME: 8919__-1					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		-8.2	-6.6	-7.7	-6.1	-5.6	8.5	10.1	9.0	10.6	11.1
3H		-6.7	-5.2	-6.2	-4.7	-4.1	12.8	14.3	13.3	14.8	15.4
4H		-5.5	-4.0	-5.0	-3.5	-2.9	15.0	16.4	15.5	16.9	17.5
6H		-3.8	-2.4	-3.2	-1.9	-1.3	15.9	17.3	16.5	17.9	18.5
8H		-2.7	-1.4	-2.2	-0.8	-0.2	15.9	17.2	16.4	17.8	18.4
12H		-1.9	-0.6	-1.3	-0.0	0.6	15.8	17.1	16.3	17.7	18.3
4H 2H		-6.0	-4.6	-5.5	-4.1	-3.5	8.1	9.5	8.6	10.0	10.6
3H		-5.0	-3.7	-4.4	-3.1	-2.5	12.4	13.7	12.9	14.3	14.9
4H		-4.0	-2.7	-3.4	-2.2	-1.5	14.7	15.9	15.3	16.5	17.2
6H		-2.3	-1.2	-1.7	-0.6	0.1	15.7	16.7	16.3	17.4	18.1
8H		-1.3	-0.2	-0.7	0.4	1.1	15.6	16.6	16.2	17.2	18.0
12H		-0.4	0.5	0.2	1.2	1.9	15.5	16.5	16.2	17.1	17.8
8H 4H		-2.2	-1.2	-1.6	-0.6	0.2	14.5	15.5	15.1	16.1	16.9
6H		-0.9	-0.0	-0.3	0.6	1.4	15.5	16.3	16.1	17.0	17.7
8H		0.0	0.8	0.7	1.5	2.3	15.4	16.2	16.1	16.9	17.6
12H		0.9	1.6	1.5	2.3	3.0	15.3	16.1	16.0	16.7	17.5
12H 4H		-2.2	-1.2	-1.5	-0.6	0.2	14.4	15.4	15.1	16.0	16.7
6H		-0.8	-0.0	-0.2	0.6	1.4	15.4	16.2	16.1	16.9	17.6
8H		0.1	0.9	0.8	1.5	2.3	15.3	16.1	16.0	16.7	17.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.3					+ 0.6 / - 0.5				
1.5H		+ 0.8 / - 0.8					+ 1.6 / - 1.6				
2.0H		+ 1.7 / - 1.2					+ 2.5 / - 3.3				

CIE Pub.117 Corrected 210.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.4)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

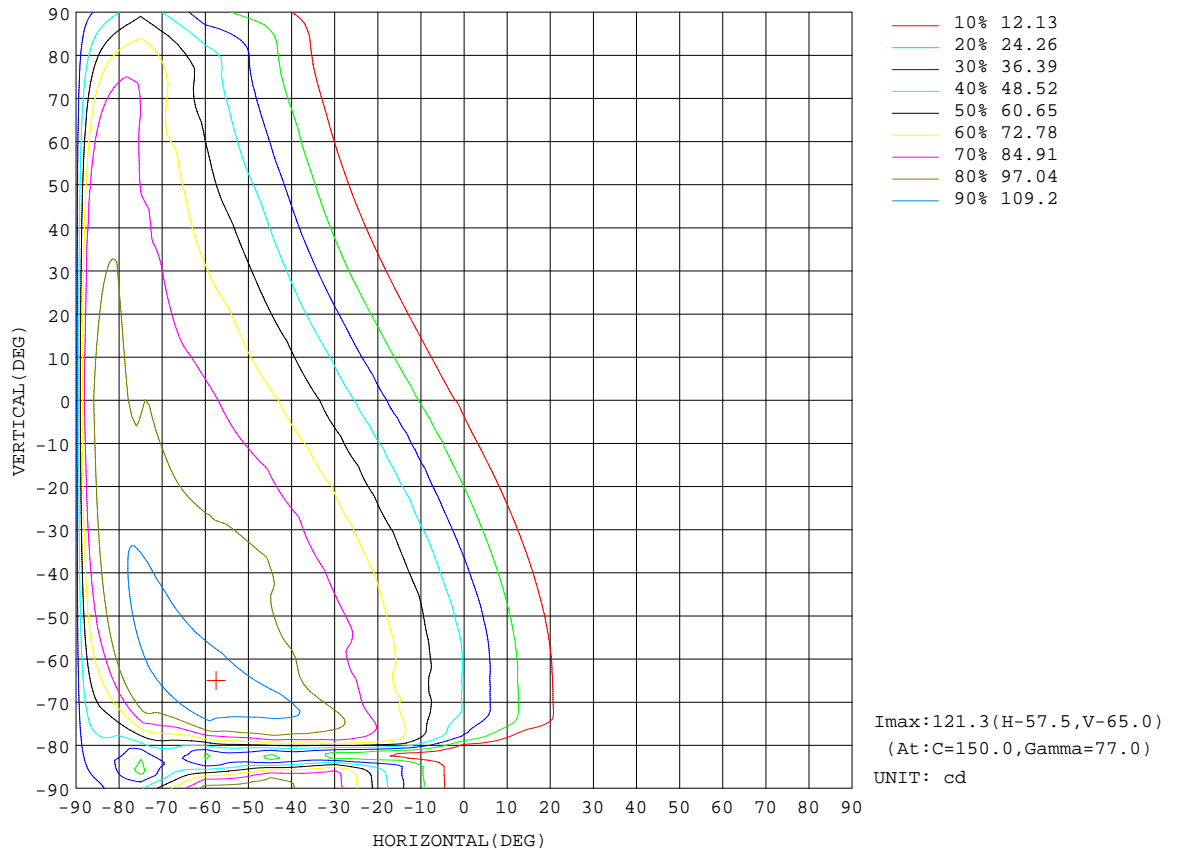
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	40	27	18	39	26	18	38	25	18	11
0.80	49	34	25	48	33	24	45	32	24	15
1.00	56	41	31	55	40	31	51	42	30	21
1.25	63	48	38	61	47	37	57	45	36	26
1.50	69	54	43	66	53	43	62	50	41	31
2.00	77	63	53	74	61	52	69	58	50	38
2.50	82	69	59	79	67	58	73	64	55	43
3.00	87	75	65	83	72	64	77	68	61	48
4.00	92	82	73	89	79	71	82	74	68	54
5.00	96	87	79	92	84	77	85	79	73	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:
 Test Date:2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

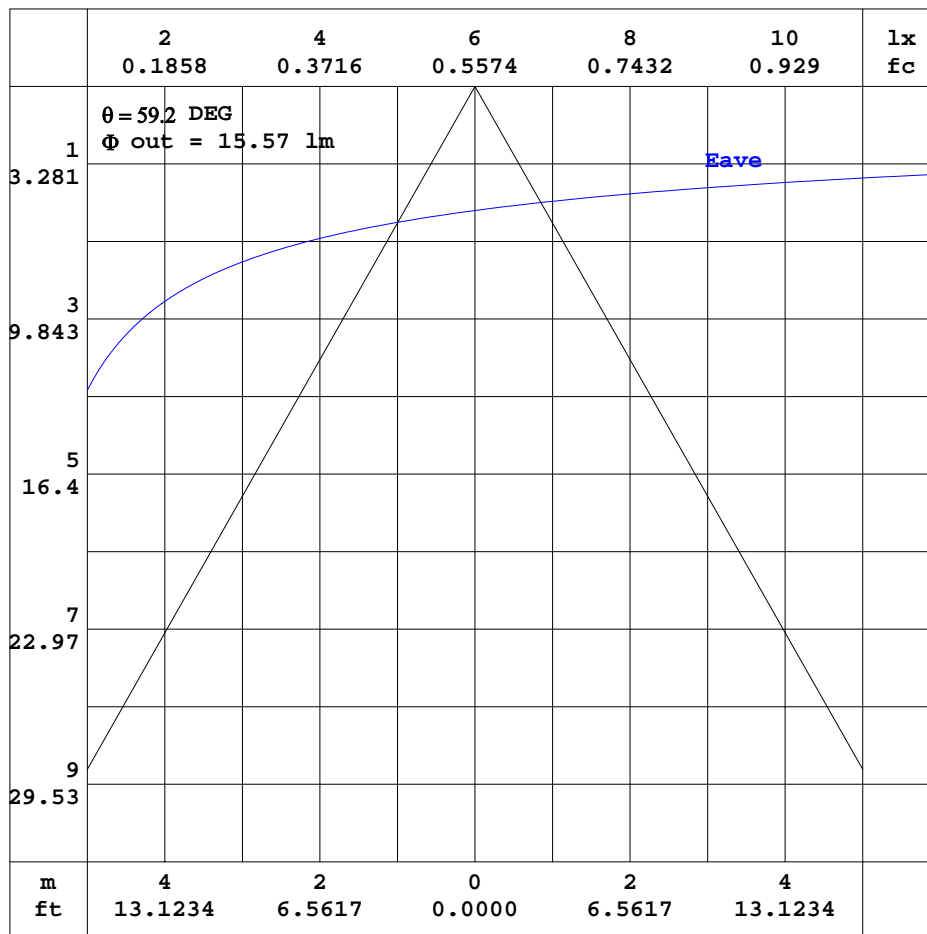


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



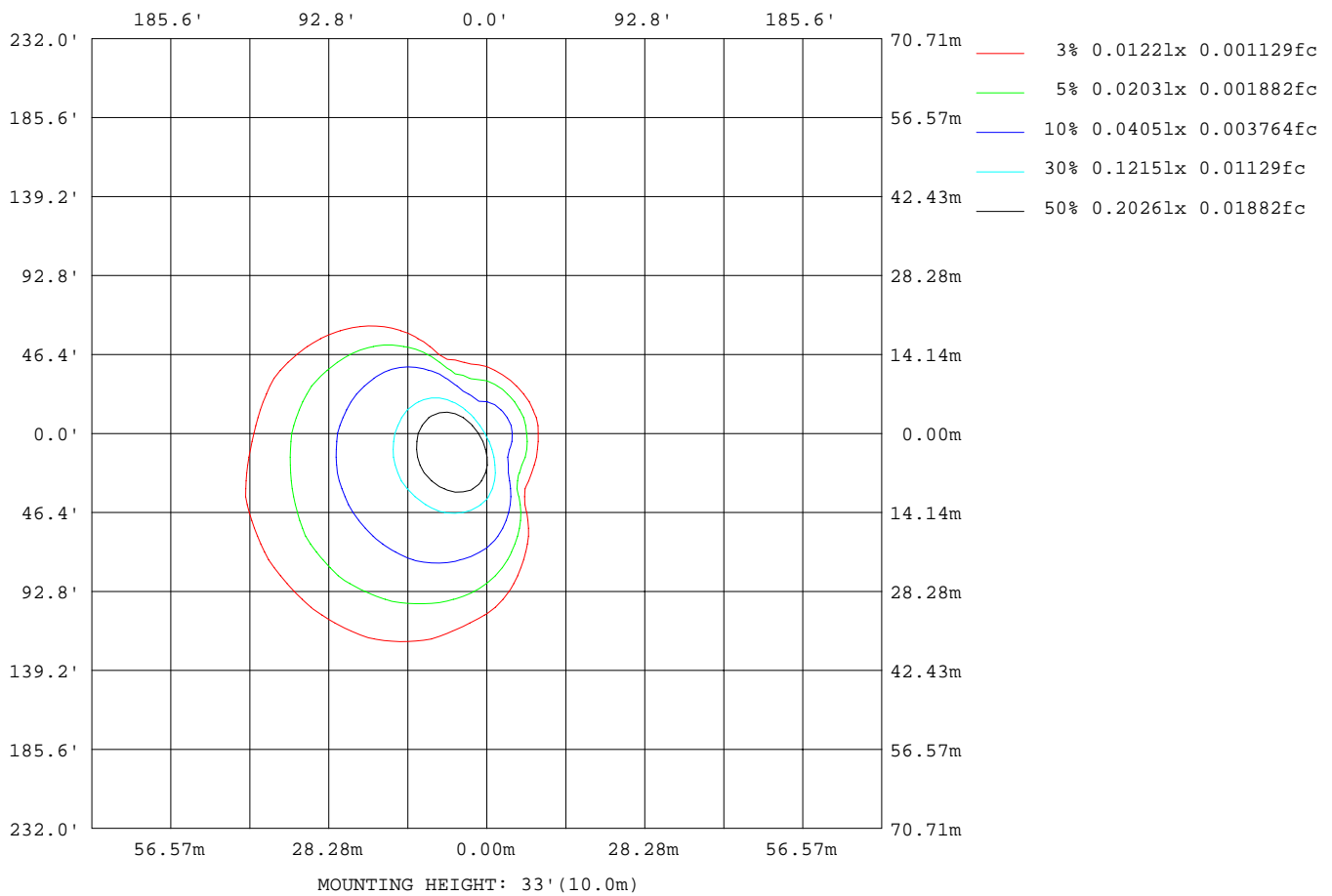
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	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: 2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

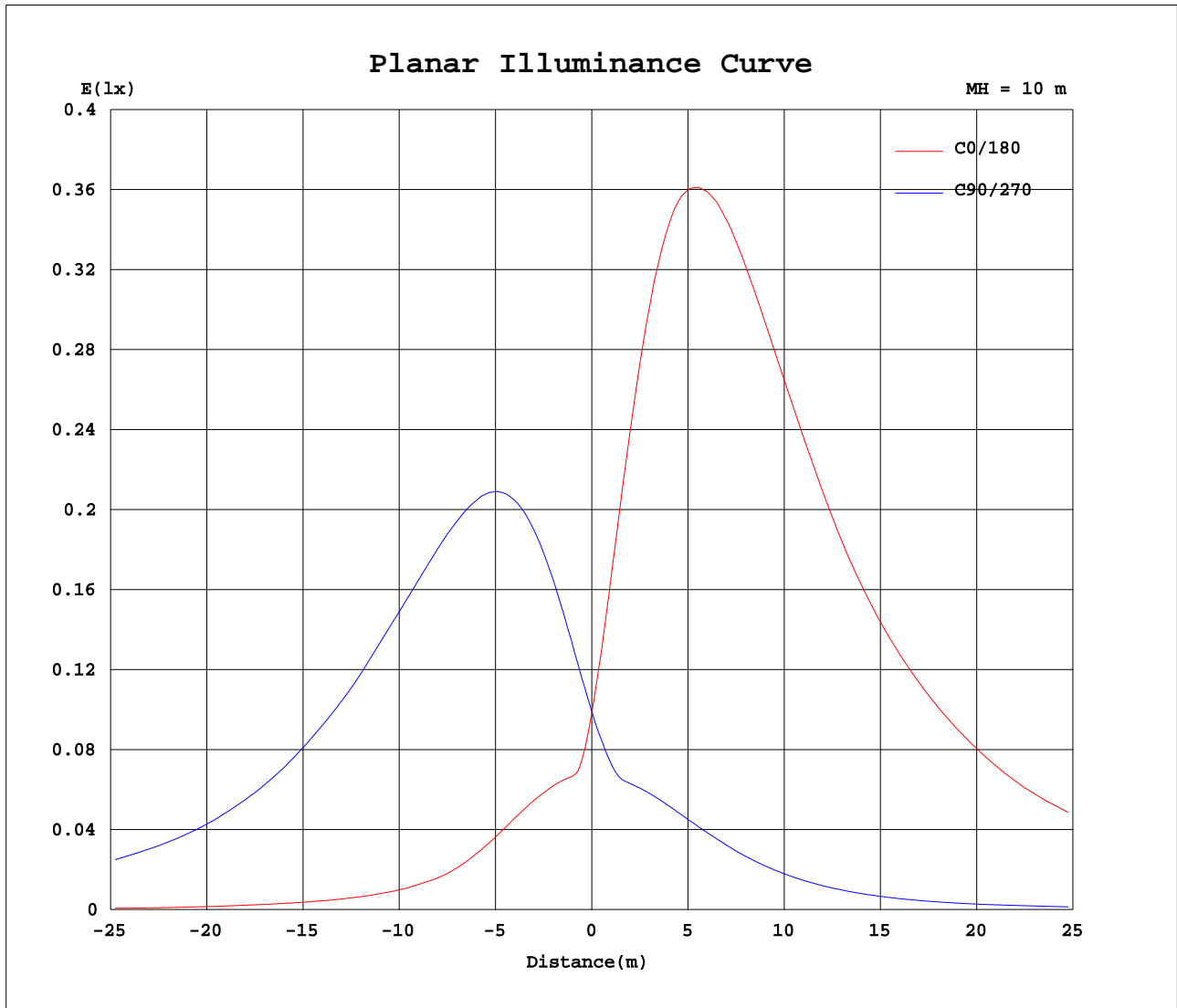
AvgL	cd/m2
L_0~180(65)av	1090
L_0~180(75)av	1890
L_0~180(85)av	5714
L_90~270(65)av	601
L_90~270(75)av	843
L_90~270(85)av	144
L_45(65)av	763
L_45(75)av	1386
L_45(85)av	1368

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-05-21

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:
 Test Date: 2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm																	
NAME: 8919__-1									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	9.84	9.90	9.74	9.77	9.76	9.76	9.91	9.93	10.1	10.0	10.2	10.1	9.84	9.90	9.74	9.77	9.76	9.76	9.91
5	6.82	6.92	7.36	8.28	9.56	11.1	13.0	14.5	16.0	16.8	17.3	16.9	15.8	14.8	13.1	11.5	9.88	8.55	7.66
10	6.63	6.53	6.50	7.07	9.31	12.6	16.5	20.1	23.4	25.2	26.3	25.4	23.3	20.7	17.0	13.3	9.92	7.55	6.71
15	6.34	6.29	6.32	6.32	8.97	14.1	20.3	26.1	31.3	34.3	35.9	34.7	31.5	27.1	21.3	15.3	9.92	6.86	6.64
20	5.91	5.95	6.05	6.03	8.59	15.5	24.2	32.3	39.2	43.5	45.4	43.9	39.8	33.7	25.6	17.2	9.89	6.65	6.54
25	5.30	5.49	5.69	5.77	8.13	17.0	28.0	38.3	47.1	52.3	54.3	52.8	47.9	40.2	30.0	19.1	9.77	6.55	6.37
30	4.57	4.87	5.26	5.45	7.62	18.3	31.8	44.4	54.6	60.5	63.0	61.2	55.4	46.4	34.3	21.0	9.60	6.44	6.16
35	3.81	4.17	4.72	5.08	7.08	19.5	35.3	50.3	61.5	68.2	71.2	69.1	62.7	52.4	38.2	22.7	9.34	6.24	5.87
40	3.22	3.45	4.10	4.66	6.45	20.6	38.8	55.4	67.9	75.1	78.4	76.2	69.2	58.0	42.0	24.2	9.02	5.99	5.49
45	2.81	2.90	3.44	4.19	5.79	21.6	42.1	60.1	73.1	80.8	84.2	82.3	74.9	62.8	45.5	25.7	8.61	5.70	5.07
50	2.49	2.44	2.80	3.61	5.10	22.4	44.9	63.8	77.6	85.8	89.4	87.0	79.5	67.3	48.7	26.9	8.14	5.39	4.59
55	2.25	2.12	2.27	3.01	4.32	22.8	47.1	66.5	82.2	91.3	96.0	91.9	83.2	71.1	51.6	28.1	7.57	5.01	4.05
60	2.04	1.84	1.79	2.38	3.48	22.8	47.9	69.1	84.6	92.9	99.4	96.3	87.5	73.2	54.1	28.9	6.97	4.58	3.48
65	1.61	1.57	1.46	1.81	2.57	22.0	47.7	69.1	85.3	96.0	102	98.7	90.5	75.2	55.1	29.1	6.25	4.05	3.04
70	1.38	1.26	1.21	1.25	1.44	21.5	47.6	72.2	89.8	99.7	105	103	94.4	77.7	54.6	29.2	5.43	3.42	2.53
75	1.47	1.32	1.07	0.87	0.82	20.3	41.6	73.9	97.2	113	117	108	96.3	80.7	54.7	28.0	4.46	2.65	2.02
80	1.50	1.26	1.06	0.85	0.63	0.67	9.43	63.3	89.4	104	113	117	102	79.2	53.9	26.8	3.39	1.89	1.74
85	1.09	0.84	0.79	0.65	0.48	0.54	0.68	37.9	54.7	18.9	49.5	102	98.5	84.0	52.4	26.4	2.83	1.90	1.83
90	1.27	0.97	0.79	0.65	0.54	0.54	0.62	38.8	91.1	101	102	46.5	28.5	58.2	28.9	17.1	2.30	1.80	1.64
95	1.15	0.96	0.79	0.66	0.54	0.52	0.64	26.3	92.2	107	108	101	91.1	68.7	17.8	14.6	1.54	1.36	1.19
100	1.11	0.93	0.79	0.66	0.55	0.50	0.59	0.84	28.1	0.80	2.96	12.3	65.7	16.9	1.58	24.5	1.47	1.19	1.17
105	1.04	0.97	0.79	0.66	0.56	0.49	0.50	0.93	0.60	1.02	0.77	1.31	2.41	1.00	15.7	0.46	0.57	0.73	0.89
110	1.09	1.02	0.81	0.69	0.56	0.49	0.46	0.47	0.49	0.95	0.77	1.55	1.55	1.49	2.14	6.99	0.49	0.59	0.73
115	1.09	1.02	0.85	0.73	0.59	0.55	0.47	0.54	1.42	0.80	0.74	1.17	1.20	0.84	1.39	7.26	0.62	0.73	0.97
120	1.09	0.99	0.85	0.73	0.62	0.61	0.55	0.66	0.89	0.77	0.72	1.12	1.05	0.73	0.79	0.87	0.66	0.74	0.98
125	1.05	1.00	0.89	0.73	0.65	0.60	0.56	0.64	0.72	0.65	0.72	1.05	0.94	0.72	0.65	0.71	0.61	0.71	0.81
130	1.04	0.95	0.88	0.73	0.66	0.60	0.57	0.60	0.66	0.64	0.77	0.96	0.94	0.70	0.60	0.65	0.61	0.70	0.79
135	1.02	0.94	0.86	0.73	0.66	0.60	0.57	0.58	0.61	0.62	0.72	0.80	0.84	0.70	0.60	0.63	0.61	0.70	0.78
140	0.99	0.89	0.81	0.70	0.65	0.57	0.55	0.52	0.58	0.56	0.71	0.73	0.77	0.70	0.60	0.61	0.61	0.69	0.75
145	0.93	0.84	0.80	0.67	0.64	0.56	0.52	0.52	0.56	0.55	0.60	0.65	0.74	0.66	0.60	0.61	0.61	0.67	0.73
150	0.89	0.79	0.77	0.67	0.62	0.57	0.51	0.52	0.54	0.55	0.57	0.56	0.65	0.63	0.60	0.59	0.61	0.65	0.72
155	0.84	0.77	0.74	0.67	0.62	0.57	0.51	0.53	0.54	0.55	0.56	0.56	0.65	0.62	0.60	0.59	0.60	0.64	0.68
160	0.82	0.76	0.72	0.65	0.62	0.57	0.51	0.53	0.54	0.55	0.56	0.56	0.64	0.62	0.61	0.60	0.60	0.64	0.67
165	0.77	0.71	0.70	0.61	0.60	0.57	0.52	0.53	0.54	0.55	0.56	0.56	0.64	0.62	0.61	0.60	0.59	0.64	0.65
170	0.72	0.66	0.67	0.61	0.60	0.57	0.54	0.56	0.54	0.57	0.56	0.56	0.64	0.62	0.61	0.61	0.59	0.61	0.60
175	0.69	0.65	0.64	0.61	0.60	0.58	0.54	0.56	0.54	0.58	0.56	0.56	0.65	0.62	0.61	0.60	0.58	0.60	0.60
180	0.66	0.65	0.63	0.61	0.59	0.59	0.56	0.56	0.57	0.59	0.56	0.56	0.65	0.62	0.62	0.61	0.58	0.59	0.59

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-21

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:119.9V I:0.0635A P:3.877W PF:0.5092 Lamp Flux:210.746x1 lm		
NAME: 8919__-1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2
UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	9.93	10.1	10.0	10.2	10.1													
5	7.07	6.93	6.96	6.96	7.03													
10	6.77	6.77	6.82	6.80	6.84													
15	6.66	6.55	6.55	6.48	6.51													
20	6.44	6.26	6.12	6.00	6.01													
25	6.16	5.79	5.52	5.33	5.32													
30	5.75	5.21	4.80	4.56	4.54													
35	5.25	4.57	4.06	3.79	3.77													
40	4.72	3.92	3.52	3.34	3.32													
45	4.14	3.45	3.13	2.96	2.93													
50	3.61	3.10	2.85	2.68	2.63													
55	3.24	2.80	2.59	2.42	2.40													
60	2.91	2.52	2.38	2.20	2.12													
65	2.53	2.29	2.00	1.64	1.62													
70	2.22	1.87	1.72	1.53	1.47													
75	1.91	1.84	1.69	1.60	1.52													
80	1.88	1.84	1.76	1.65	1.59													
85	1.90	1.77	1.77	1.65	1.35													
90	1.56	1.65	1.35	1.11	1.15													
95	1.15	1.49	1.44	1.23	1.18													
100	1.36	1.36	1.15	1.02	1.08													
105	0.97	0.97	1.02	1.13	0.98													
110	0.87	0.97	1.08	1.06	1.12													
115	0.94	1.10	1.09	1.05	1.01													
120	1.02	1.07	1.09	1.02	1.00													
125	0.97	1.02	1.09	1.02	0.95													
130	0.92	0.97	1.03	0.95	0.91													
135	0.90	0.94	1.00	0.93	0.88													
140	0.86	0.87	0.94	0.87	0.84													
145	0.84	0.84	0.89	0.82	0.79													
150	0.80	0.79	0.84	0.78	0.75													
155	0.76	0.75	0.79	0.72	0.71													
160	0.72	0.72	0.76	0.69	0.68													
165	0.70	0.70	0.74	0.67	0.66													
170	0.66	0.63	0.68	0.62	0.63													
175	0.62	0.60	0.64	0.60	0.59													
180	0.60	0.59	0.61	0.59	0.57													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-05-21

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: