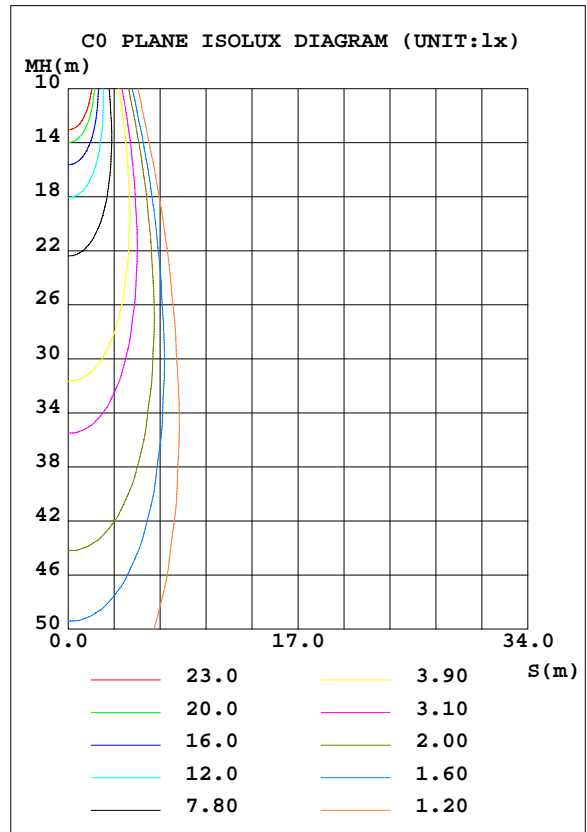
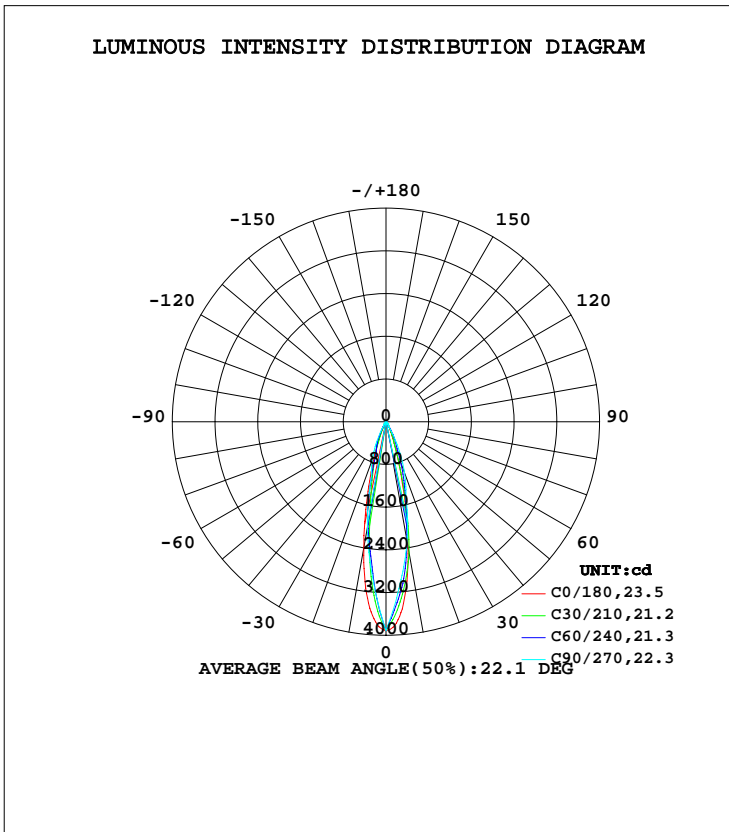


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.86 lm/W			
MODEL	T500-4000K-10	I _{max} (cd)	3909	S/MH(C0/180)	0.40
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	893.37	η UP, DN(C0-180)	0.0,52.8
NOMINAL FLUX(lm)	893.368	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,47.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	48	η down(%)	100.0	CIBSE SHR MAX	1.00



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks: SDCM4.1

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2366	2334	2277	1995	2398	1844	2017	2199	0- 10	267.3	267.3	29.9,29.9
20	519.5	685.8	1013	525.3	532.7	393.7	744.2	542.2	10- 20	332.9	600.1	67.2,67.2
30	129.2	151.4	116.9	146.6	105.9	113.2	90.59	130.9	20- 30	146.4	746.5	83.6,83.6
40	57.15	48.43	64.00	47.32	45.41	41.84	52.91	44.03	30- 40	47.42	793.9	88.9,88.9
50	32.75	32.59	33.10	31.70	30.59	29.77	30.38	30.47	40- 50	29.99	823.9	92.2,92.2
60	24.00	24.55	24.16	23.66	23.50	22.65	23.00	23.27	50- 60	24.31	848.2	94.9,94.9
70	19.26	19.44	20.87	19.14	19.13	18.66	19.89	19.01	60- 70	21.04	869.3	97.3,97.3
80	19.18	14.97	0	15.30	18.78	14.66	0	14.93	70- 80	18.51	887.8	99.4,99.4
90	18.74	0	0	0	18.61	0	0	0	80- 90	5.585	893.4	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 810.17 lm

%lum = 90.7%
 %lamp = 90.7%

Conical surface Flux(120deg): 848.23 lm

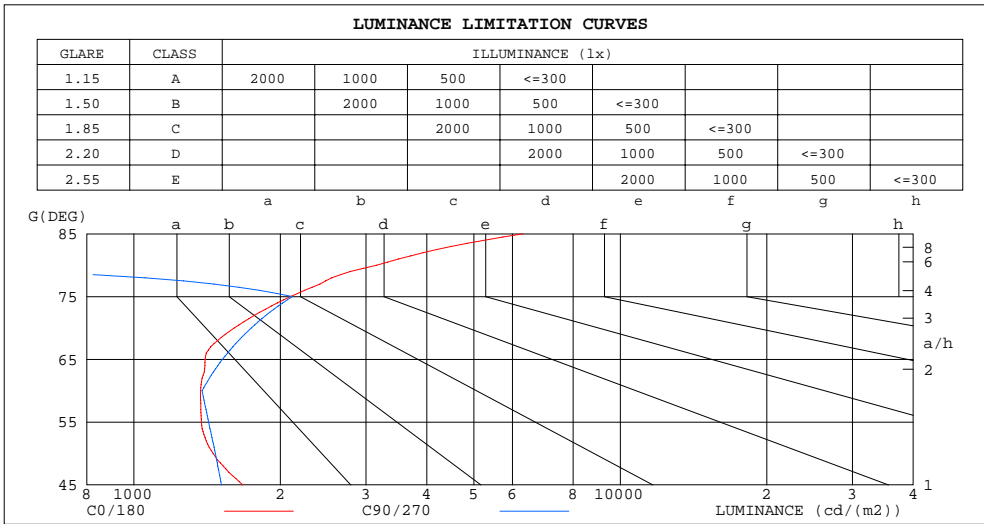
%lum = 94.9%
 %lamp = 94.9%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks: SDCM4.1

LUMINANCE LIMITATION CURVES

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6307	0
80	3155	0
75	2098	2117
70	1609	1743
65	1401	1521
60	1371	1381
55	1377	1424
50	1456	1471
45	1674	1514

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

WEC AND CCEC

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.174	.099	.031	.167	.095	.030	.155	.089	.028	.143	.082	.026	.132	.077	.025	
2.0	.160	.088	.027	.155	.085	.026	.144	.080	.025	.134	.075	.024	.125	.071	.022	
3.0	.148	.079	.024	.143	.077	.023	.134	.073	.022	.126	.069	.021	.118	.066	.020	
4.0	.137	.071	.021	.133	.070	.021	.126	.067	.020	.119	.064	.019	.112	.061	.019	
5.0	.128	.065	.019	.124	.064	.019	.118	.061	.018	.112	.059	.018	.106	.057	.017	
6.0	.120	.060	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016	.101	.053	.016	
7.0	.113	.056	.016	.110	.055	.016	.106	.053	.015	.101	.052	.015	.097	.050	.015	
8.0	.107	.052	.015	.105	.052	.015	.100	.050	.014	.096	.049	.014	.092	.047	.014	
9.0	.101	.049	.014	.099	.048	.014	.096	.047	.013	.092	.046	.013	.089	.045	.013	
10.0	.097	.046	.013	.095	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.012	

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.132	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.092	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.087	.062	.102	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.111	.077	.053	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.011	.008	.005	
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.078	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

UGR(Unified Glare Rating) Table

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:3995K-Ra91					DIM.:			SERIAL No.:		
MFR.:					SUR.:			Shielding 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	9.2	10.0	9.4	10.2	10.3	9.2	10.0	9.4	10.2	10.3
3H	11.1	11.8	11.3	12.0	12.2	11.3	12.0	11.5	12.2	12.4
4H	12.4	13.1	12.7	13.3	13.5	12.5	13.3	12.8	13.5	13.7
6H	14.1	14.7	14.4	15.0	15.2	12.8	13.5	13.1	13.7	13.9
8H	15.1	15.7	15.4	16.0	16.3	12.7	13.4	13.0	13.6	13.9
12H	16.3	17.0	16.6	17.2	17.5	12.7	13.3	13.0	13.6	13.9
4H 2H	9.9	10.6	10.2	10.8	11.1	9.9	10.6	10.2	10.8	11.0
3H	12.1	12.7	12.4	13.0	13.3	12.3	12.9	12.6	13.2	13.5
4H	13.6	14.2	14.0	14.5	14.8	13.8	14.3	14.1	14.6	15.0
6H	15.5	16.1	15.9	16.4	16.7	14.0	14.6	14.4	14.9	15.2
8H	16.7	17.2	17.1	17.5	17.9	14.0	14.5	14.4	14.8	15.2
12H	18.0	18.5	18.4	18.8	19.2	13.9	14.4	14.3	14.8	15.1
8H 4H	14.3	14.8	14.7	15.1	15.5	14.4	14.9	14.8	15.2	15.6
6H	16.5	16.9	16.9	17.3	17.7	14.7	15.1	15.2	15.5	15.9
8H	17.8	18.2	18.3	18.6	19.0	14.7	15.0	15.1	15.4	15.9
12H	19.4	19.7	19.8	20.1	20.6	14.6	14.9	15.1	15.4	15.8
12H 4H	14.3	14.7	14.7	15.1	15.5	14.6	15.0	15.0	15.4	15.8
6H	16.5	16.9	17.0	17.3	17.7	14.9	15.3	15.4	15.7	16.1
8H	17.9	18.2	18.3	18.6	19.1	14.9	15.2	15.3	15.6	16.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.2					+ 0.5 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117, 893.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

UTILIZATION FACTORS TABLE

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

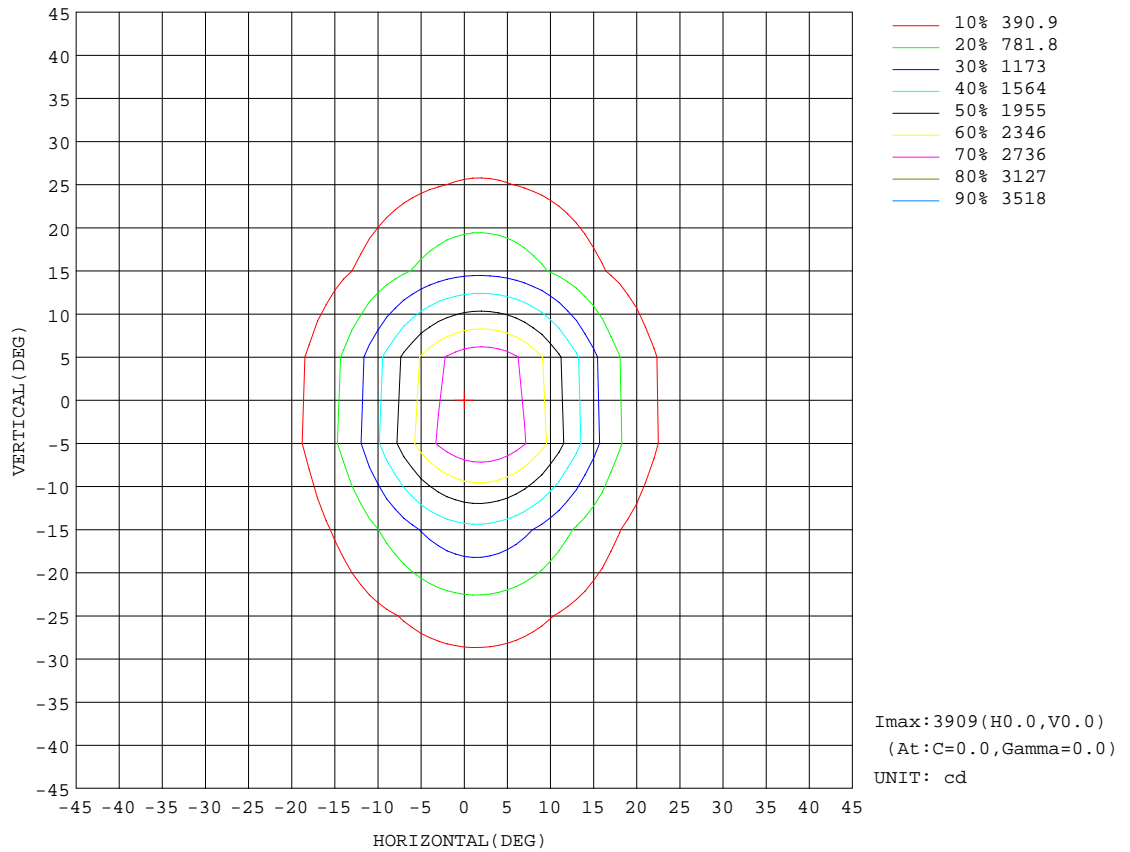
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	85	78	74	84	78	74	84	78	74	70
0.80	92	86	82	92	85	82	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	91	100	94	91	98	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	98	105	101	98	102	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	110	107	103	109	105	102	105	102	100	93
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	109	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

ISOCANDELA DIAGRAM

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

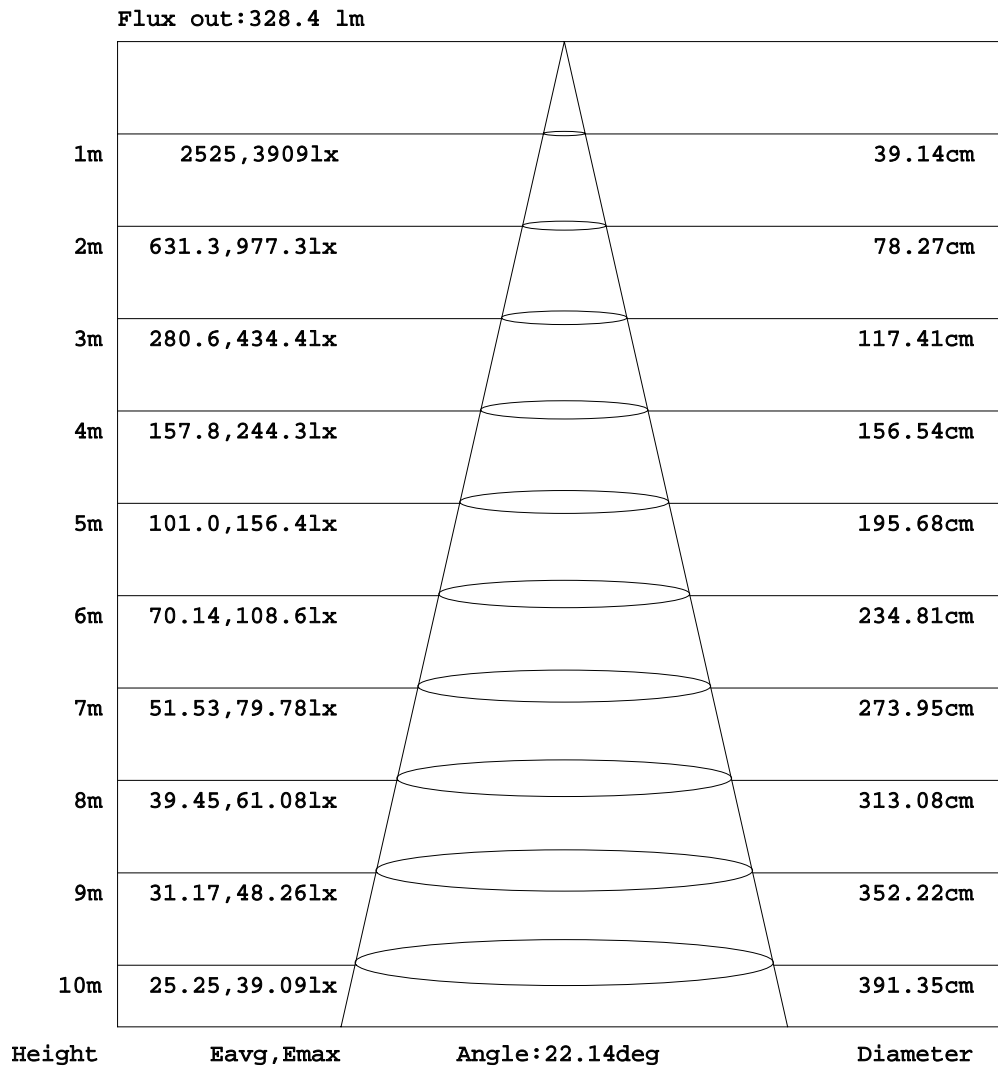


H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: sunny
 Test Date: 2023-08-23

V(B) Range: -75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 8.200m [K=1.0000]
 Remarks: SDCM4.1

AAI Figure

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

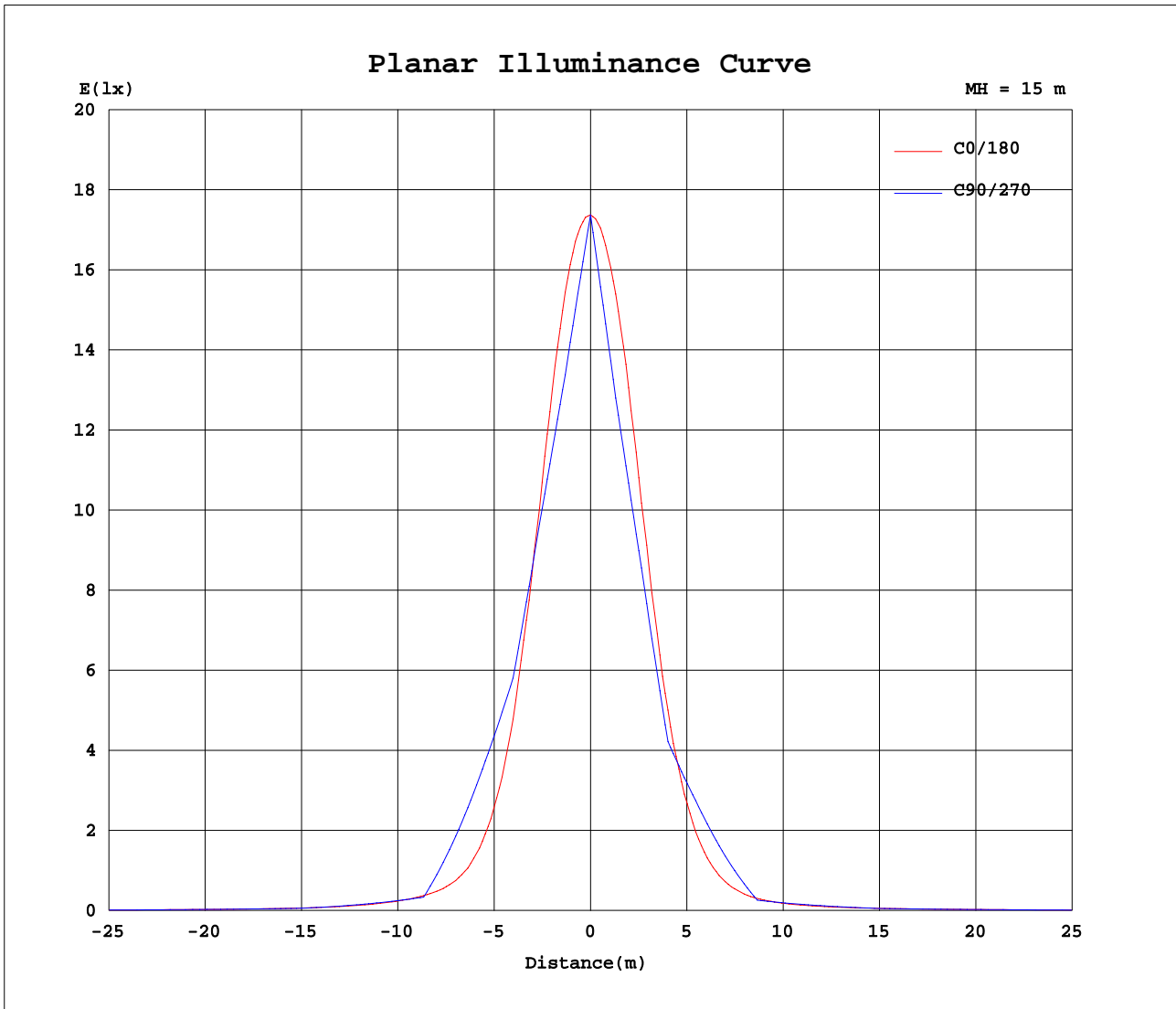


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909
5	3516	3471	3431	3396	3364	3337	3313	3292	3270	3248	3229	3208	3183	3161	3136	3111	3088	3063	3045
10	2366	2357	2367	2391	2426	2468	2497	2427	2372	2334	2295	2269	2258	2248	2248	2252	2260	2269	2277
15	1191	1231	1291	1367	1421	1355	1294	1232	1184	1223	1288	1351	1403	1443	1472	1484	1483	1471	1450
20	519	553	602	638	586	536	498	556	616	686	731	767	804	843	884	924	962	992	1013
25	227	246	275	257	226	225	256	295	303	310	316	357	412	465	514	549	568	571	561
30	129	137	141	126	121	133	139	135	132	151	176	202	208	203	189	166	142	123	117
35	84.3	89.4	86.2	77.2	84.2	85.7	79.1	80.4	85.9	88.0	82.5	67.4	69.1	74.6	80.8	85.8	89.2	90.7	90.3
40	57.1	61.7	56.8	56.5	59.5	54.2	55.8	57.3	52.7	48.4	51.3	54.1	55.8	57.3	59.1	60.9	62.3	63.4	64.0
45	41.4	45.1	40.2	43.9	41.1	41.5	41.7	37.9	39.5	41.4	41.3	41.0	40.9	41.0	40.7	40.2	39.2	38.1	37.5
50	32.7	34.5	33.1	33.9	33.0	33.3	31.6	33.2	33.2	32.6	32.9	32.8	32.5	32.6	32.5	32.7	33.0	33.1	33.1
55	27.6	28.5	28.9	27.6	28.4	27.4	28.5	28.0	28.3	28.4	28.1	28.0	28.3	28.5	28.6	28.7	28.8	28.7	28.6
60	24.0	24.4	25.0	24.9	24.1	24.8	24.5	25.3	24.8	24.6	24.8	25.0	24.9	24.8	24.6	24.5	24.4	24.2	24.2
65	20.7	20.9	20.8	20.9	21.7	21.6	22.2	21.8	21.8	21.6	21.5	21.4	21.9	22.2	22.3	22.4	22.5	22.6	22.5
70	19.3	19.5	19.3	19.5	19.6	19.6	19.9	19.6	19.0	19.4	20.1	20.4	20.6	20.7	20.7	20.7	20.7	20.8	20.9
75	19.0	19.1	18.9	19.1	19.1	18.9	18.8	18.8	18.9	18.9	19.1	19.2	19.4	19.3	19.2	19.1	19.0	19.2	19.2
80	19.2	18.9	18.8	18.8	18.7	18.7	18.7	18.6	18.7	15.0	11.1	8.04	5.72	3.83	2.38	1.31	0.57	0.14	0.00
85	19.2	18.8	18.6	18.6	16.2	6.31	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	18.7	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909
5	3018	2998	2981	2969	2964	2961	2967	2977	2992	3017	3050	3091	3140	3198	3264	3338	3418	3504	3408
10	2278	2274	2259	2237	2207	2168	2112	2054	1995	1919	1850	1796	1862	1937	2026	2132	2255	2398	2242
15	1417	1387	1357	1333	1312	1297	1286	1274	1267	1238	1125	1028	936	856	920	1017	1125	1250	1115
20	1014	992	951	890	814	731	646	562	525	538	541	547	479	413	361	399	461	533	455
25	542	520	497	475	452	427	397	358	291	235	195	210	217	203	170	156	186	218	183
30	124	140	157	169	171	165	151	149	147	141	118	99.5	95.7	101	94.2	83.2	91.0	106	90.4
35	88.4	85.6	82.3	78.9	75.2	71.8	69.8	72.4	69.3	67.9	69.8	66.7	58.9	58.4	61.9	56.5	56.7	64.1	56.2
40	63.9	63.0	61.2	58.5	55.0	51.9	49.4	48.4	47.3	46.2	44.0	45.3	46.0	42.5	43.5	43.1	41.2	45.4	40.8
45	37.6	38.4	39.6	40.6	41.1	41.2	40.2	38.2	36.4	36.4	36.5	35.1	35.4	35.8	34.3	35.7	33.4	36.2	33.2
50	33.0	32.7	32.4	31.9	31.4	30.9	30.9	31.6	31.7	30.7	30.0	30.7	29.8	30.2	29.8	30.0	29.0	30.6	28.9
55	28.4	28.3	28.1	27.9	27.8	27.7	27.4	26.8	26.2	26.7	26.9	26.2	26.9	26.1	26.8	26.2	26.1	26.9	25.9
60	24.2	24.2	24.3	24.2	24.1	23.9	23.7	23.7	23.7	23.5	23.3	23.9	23.2	23.9	23.0	23.2	23.3	23.5	23.1
65	22.4	22.4	22.2	22.0	21.8	21.5	21.1	20.8	20.6	20.8	21.3	20.8	20.5	20.3	20.6	21.0	20.9	20.4	20.3
70	20.8	20.8	20.8	20.6	20.5	20.3	19.9	19.4	19.1	18.9	19.4	19.4	19.0	18.9	18.9	19.0	19.4	19.1	19.1
75	19.2	19.3	19.3	19.2	19.3	19.3	19.3	19.1	19.0	19.1	19.0	19.0	18.9	18.8	18.6	18.5	19.1	19.0	18.8
80	0.14	0.58	1.32	2.38	3.82	5.72	8.13	11.2	15.3	19.1	19.1	19.1	19.0	18.9	18.8	18.6	18.6	18.8	18.7
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.46	16.5	19.0	18.9	18.5	18.7	18.5
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	18.6	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909
5	3318	3235	3159	3091	3032	2982	2940	2906	2883	2866	2853	2849	2849	2856	2870	2887	2913	2932	2959
10	2105	1986	1882	1791	1710	1743	1790	1844	1881	1919	1957	1979	1995	2007	2014	2016	2017	2016	2016
15	995	886	809	865	933	1001	1083	1089	1072	1056	1038	1022	1012	1009	1016	1032	1055	1080	1105
20	386	341	377	422	469	450	426	394	401	461	521	582	638	686	721	740	744	734	717
25	151	158	182	188	174	150	177	212	259	285	306	324	342	359	377	395	411	422	424
30	81.5	89.7	93.6	86.8	85.9	96.5	110	113	114	114	122	125	124	117	105	94.6	90.6	96.3	112
35	55.3	59.9	55.8	55.9	61.3	62.1	59.3	58.8	59.1	56.4	57.1	58.7	60.9	63.8	66.7	69.1	71.0	72.1	72.2
40	42.2	42.1	40.7	43.7	42.8	41.3	41.9	41.8	42.1	42.4	43.9	45.7	47.6	49.6	51.4	52.4	52.9	53.0	52.8
45	35.1	33.5	34.6	34.0	33.5	34.4	34.0	33.6	34.7	35.8	36.3	36.2	35.7	35.3	34.6	34.1	34.0	34.5	35.3
50	29.7	29.2	29.3	28.8	29.3	28.7	29.1	29.8	29.4	28.8	28.8	29.2	29.5	29.9	30.0	30.3	30.4	30.4	30.3
55	25.9	26.2	25.2	25.8	25.1	25.7	25.5	25.0	25.3	25.7	25.9	25.9	25.9	26.2	26.4	26.5	26.7	26.8	26.8
60	22.8	22.2	23.0	22.1	22.6	22.1	22.5	22.7	22.4	22.2	22.4	22.5	22.6	22.9	22.9	23.0	23.0	23.1	23.1
65	20.3	19.8	19.6	19.7	19.5	20.3	20.1	19.9	19.6	19.8	20.2	20.5	20.7	21.0	21.3	21.2	21.5	21.5	21.5
70	18.9	18.7	18.8	18.6	18.6	18.5	18.4	18.7	18.7	18.9	19.2	19.5	19.6	19.8	19.9	19.9	19.9	19.9	19.9
75	18.6	18.6	18.5	18.2	18.2	18.3	18.3	18.4	18.5	18.6	18.6	18.7	18.6	18.5	18.4	18.4	18.4	18.4	18.4
80	18.4	18.3	18.2	18.2	18.0	18.3	18.3	14.7	10.9	7.88	5.53	3.71	2.31	1.27	0.56	0.14	0.00	0.14	0.56
85	18.1	18.2	15.9	6.19	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.26V I:0.1911A P:9.224W PF:1.000 Freq:60.00Hz Lamp Flux:893.368x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3995K-Ra91	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909				
5	2985	3013	3044	3072	3104	3132	3160	3191	3222	3252	3286	3324	3365	3411	3461				
10	2021	2031	2047	2074	2101	2143	2199	2252	2321	2404	2392	2366	2347	2338	2343				
15	1128	1147	1153	1150	1138	1115	1086	1077	1143	1221	1294	1370	1330	1267	1219				
20	692	666	638	613	588	563	542	513	485	454	503	559	616	588	547				
25	414	391	359	321	282	255	252	248	244	225	208	216	250	269	243				
30	131	150	163	168	165	148	131	118	122	126	123	114	121	138	135				
35	71.1	68.9	65.9	62.5	61.5	73.5	79.3	78.5	73.1	71.5	77.4	77.5	73.6	83.8	88.0				
40	52.5	52.2	51.6	50.9	49.7	46.9	44.0	47.9	52.0	51.4	50.7	55.6	53.9	55.4	60.9				
45	36.3	37.3	37.8	37.8	37.7	37.9	37.9	36.4	35.6	39.3	39.6	39.5	42.3	39.5	44.6				
50	30.3	30.3	30.2	30.2	30.5	30.7	30.5	31.2	31.5	30.6	32.2	32.1	33.1	32.5	34.2				
55	26.8	26.8	26.7	26.4	26.3	26.5	26.8	26.8	26.7	27.4	26.8	27.8	27.1	28.4	28.2				
60	23.2	23.3	23.4	23.4	23.5	23.3	23.3	23.6	23.9	23.3	23.9	23.5	24.4	24.5	24.1				
65	21.4	21.3	21.1	20.8	20.2	20.2	20.7	21.0	20.9	21.0	20.4	21.0	20.4	20.5	20.6				
70	19.9	19.9	19.9	19.8	19.5	19.2	19.0	18.9	19.4	19.4	18.9	18.8	19.0	19.1	19.2				
75	18.5	18.6	18.7	18.7	18.7	18.6	18.8	18.8	18.8	18.8	18.7	18.6	18.4	18.6	18.9				
80	1.27	2.31	3.72	5.55	7.89	10.9	14.9	18.7	18.7	18.7	18.6	18.6	18.4	18.4	18.6				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.29	16.0	18.4	18.5	18.4			
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				

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.200m [K=1.0000]
Remarks: SDCM4.1