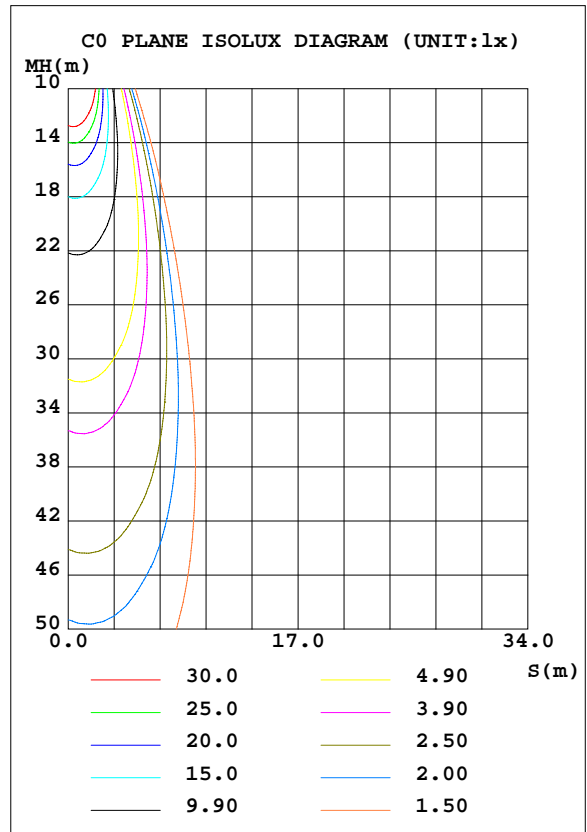
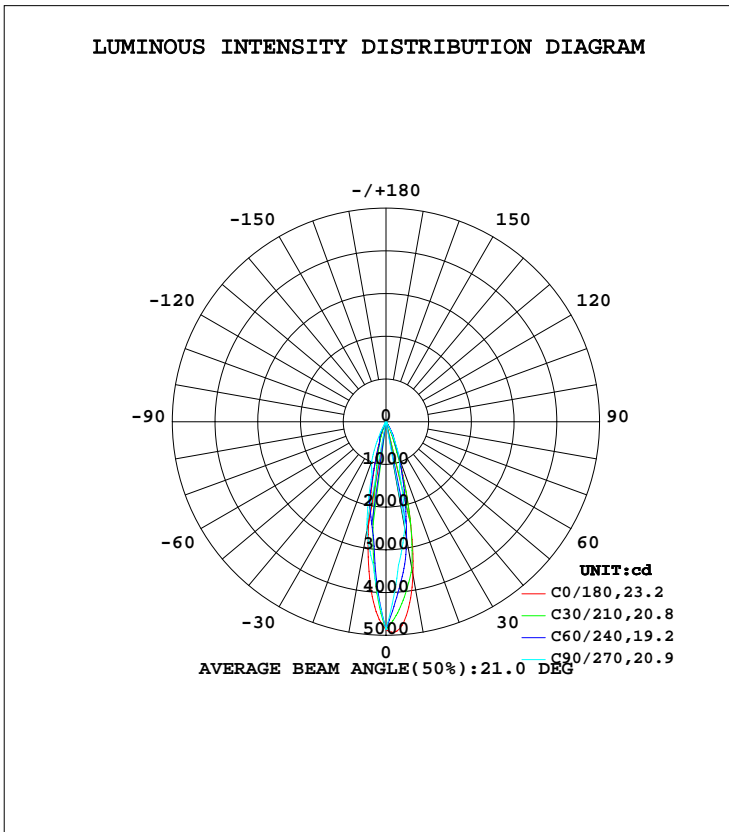


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.16 lm/W			
MODEL	D500-4000K-10W	I _{max} (cd)	4934	S/MH(C0/180)	0.33
NOMINAL POWER(W)	10W	LOR(%)	100.0	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	48V	TOTAL FLUX(lm)	891.61	η UP, DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	891.608	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	48V	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:2023-11-29

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:8.400m [K=1.0000]
 Remarks: SDCM4.5

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3633	3061	2527	1741	2340	1743	2582	3113	0- 10	316.3	316.3	35.5,35.5
20	812.2	885.2	926.9	253.3	320.7	249.1	982.0	958.3	10- 20	385.1	701.4	78.7,78.7
30	113.1	149.5	63.47	61.24	45.44	59.23	63.15	159.5	20- 30	146.8	848.2	95.1,95.1
40	34.49	23.55	28.57	16.55	14.85	14.84	27.38	22.33	30- 40	29.54	877.7	98.4,98.4
50	9.506	8.654	7.581	5.865	5.606	4.731	6.329	7.560	40- 50	10.52	888.2	99.6,99.6
60	1.028	2.303	0.5007	0.9198	0.0012	0.3258	0.0000	1.677	50- 60	3.157	891.4	100,100
70	0	0	0.1669	0	0	0	0	0	60- 70	0.2110	891.6	100,100
80	0	0	0	0	0	0	0	0	70- 80	0.0025	891.6	100,100
90	0	0	0	0	0	0	0	0	80- 90	0	891.6	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): 884.41 lm

%lum = 99.2%
 %lamp = 99.2%

Conical surface Flux(120deg): 891.39 lm

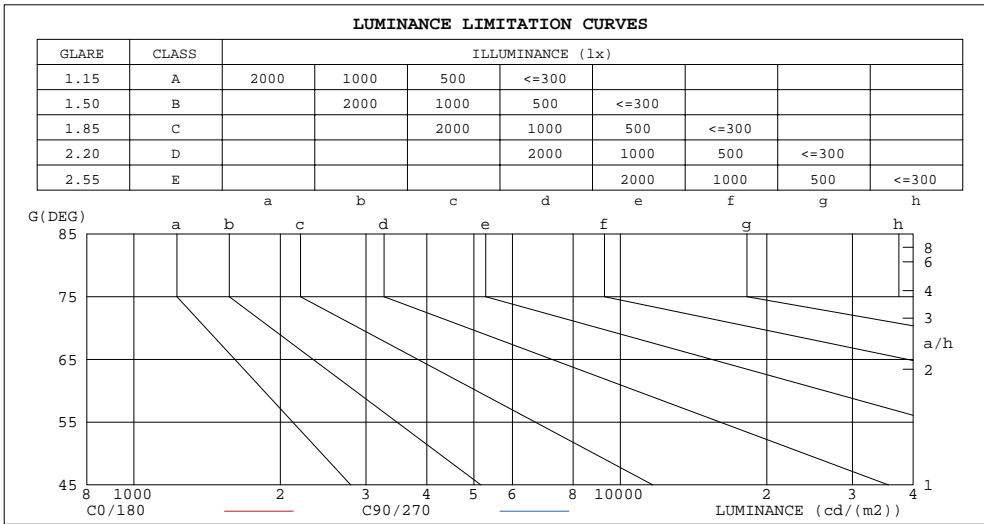
%lum = 100.0%
 %lamp = 100.0%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-11-29

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:8.400m [K=1.0000]
 Remarks: SDCM4.5

LUMINANCE LIMITATION CURVES

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	14
65	0	18
60	59	29
55	224	194
50	423	337
45	725	441

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

WEC AND CCEC

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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	.137	.078	.025	.130	.074	.024	.118	.068	.022	.106	.061	.020	.096	.056	.018	
2.0	.127	.070	.021	.121	.067	.021	.111	.062	.019	.102	.057	.018	.093	.053	.017	
3.0	.118	.063	.019	.114	.061	.018	.105	.057	.017	.097	.053	.016	.090	.050	.015	
4.0	.111	.058	.017	.107	.056	.017	.100	.053	.016	.093	.050	.015	.087	.047	.014	
5.0	.105	.053	.015	.101	.052	.015	.095	.050	.015	.090	.047	.014	.084	.045	.014	
6.0	.099	.050	.014	.096	.049	.014	.091	.047	.014	.086	.045	.013	.081	.043	.013	
7.0	.094	.047	.013	.092	.046	.013	.087	.044	.013	.083	.042	.012	.079	.041	.012	
8.0	.090	.044	.012	.088	.043	.012	.084	.042	.012	.080	.040	.012	.076	.039	.011	
9.0	.086	.042	.012	.084	.041	.011	.080	.040	.011	.077	.039	.011	.074	.038	.011	
10.0	.082	.039	.011	.081	.039	.011	.077	.038	.011	.074	.037	.011	.072	.036	.010	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.168	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.057	.066	.052	.040	.038	.030	.024	.012	.010	.008	
6.0	.103	.076	.056	.089	.065	.048	.061	.046	.034	.036	.027	.020	.011	.009	.007	
7.0	.096	.067	.047	.082	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.089	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.028	.018	.012	.009	.006	.004	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

UGR(Unified Glare Rating) Table

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:4125K-Ra92					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	2.5	3.2	2.8	3.3	3.5	0.3	1.0	0.6	1.1	1.3
3H	2.4	3.0	2.6	3.2	3.4	0.2	0.8	0.4	1.0	1.2
4H	2.3	2.9	2.6	3.1	3.3	0.1	0.7	0.4	0.9	1.1
6H	2.2	2.8	2.5	3.0	3.2	0.0	0.6	0.3	0.8	1.1
8H	2.2	2.7	2.5	3.0	3.2	-0.0	0.5	0.3	0.8	1.0
12H	2.1	2.7	2.5	2.9	3.2	-0.0	0.5	0.3	0.7	1.0
4H 2H	2.4	2.9	2.6	3.1	3.4	0.2	0.8	0.4	1.0	1.2
3H	2.2	2.7	2.5	2.9	3.2	0.0	0.5	0.3	0.8	1.1
4H	2.1	2.6	2.4	2.8	3.1	-0.1	0.4	0.3	0.7	1.0
6H	2.0	2.4	2.4	2.7	3.1	-0.2	0.2	0.2	0.6	0.9
8H	1.9	2.3	2.3	2.7	3.0	-0.2	0.2	0.2	0.5	0.9
12H	1.9	2.2	2.3	2.6	3.0	-0.3	0.1	0.1	0.4	0.8
8H 4H	1.9	2.3	2.3	2.7	3.0	-0.2	0.2	0.2	0.5	0.9
6H	1.8	2.1	2.2	2.5	2.9	-0.3	-0.0	0.1	0.4	0.8
8H	1.8	2.0	2.2	2.5	2.9	-0.4	-0.1	0.0	0.3	0.7
12H	1.7	1.9	2.2	2.4	2.8	-0.5	-0.2	-0.0	0.2	0.7
12H 4H	1.9	2.2	2.3	2.6	3.0	-0.3	0.1	0.1	0.4	0.8
6H	1.8	2.0	2.2	2.5	2.9	-0.4	-0.1	0.0	0.3	0.7
8H	1.7	1.9	2.2	2.4	2.8	-0.5	-0.2	-0.0	0.2	0.7
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 9.2					+ 2.5 / - 8.4				
1.5H	+ 3.8 / - 5.2					+ 3.9 / - 4.5				
2.0H	+ 5.5 / -19.8					+ 3.9 / - 1.5				

CIE Pub.117, 891.6 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:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

UTILIZATION FACTORS TABLE

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

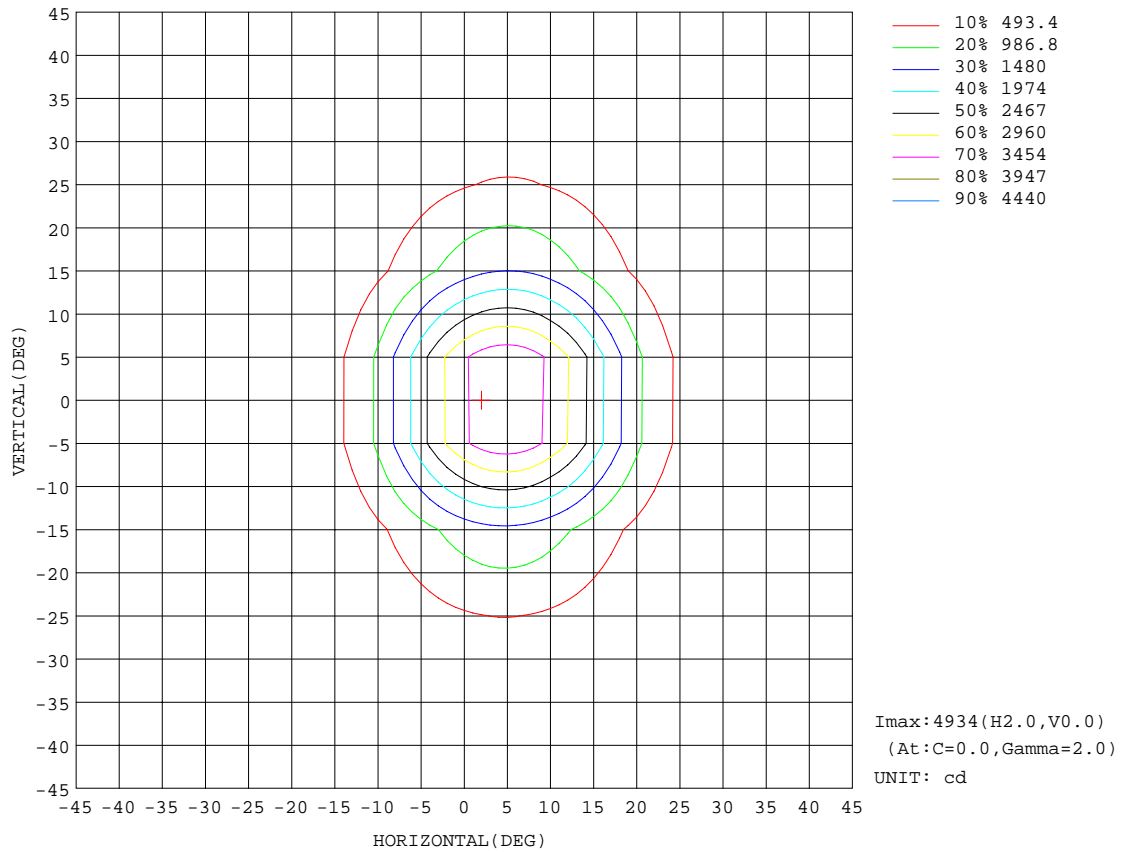
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	91	85	81	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	88	85
1.00	101	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	109	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
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:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

ISOCANDELA DIAGRAM

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

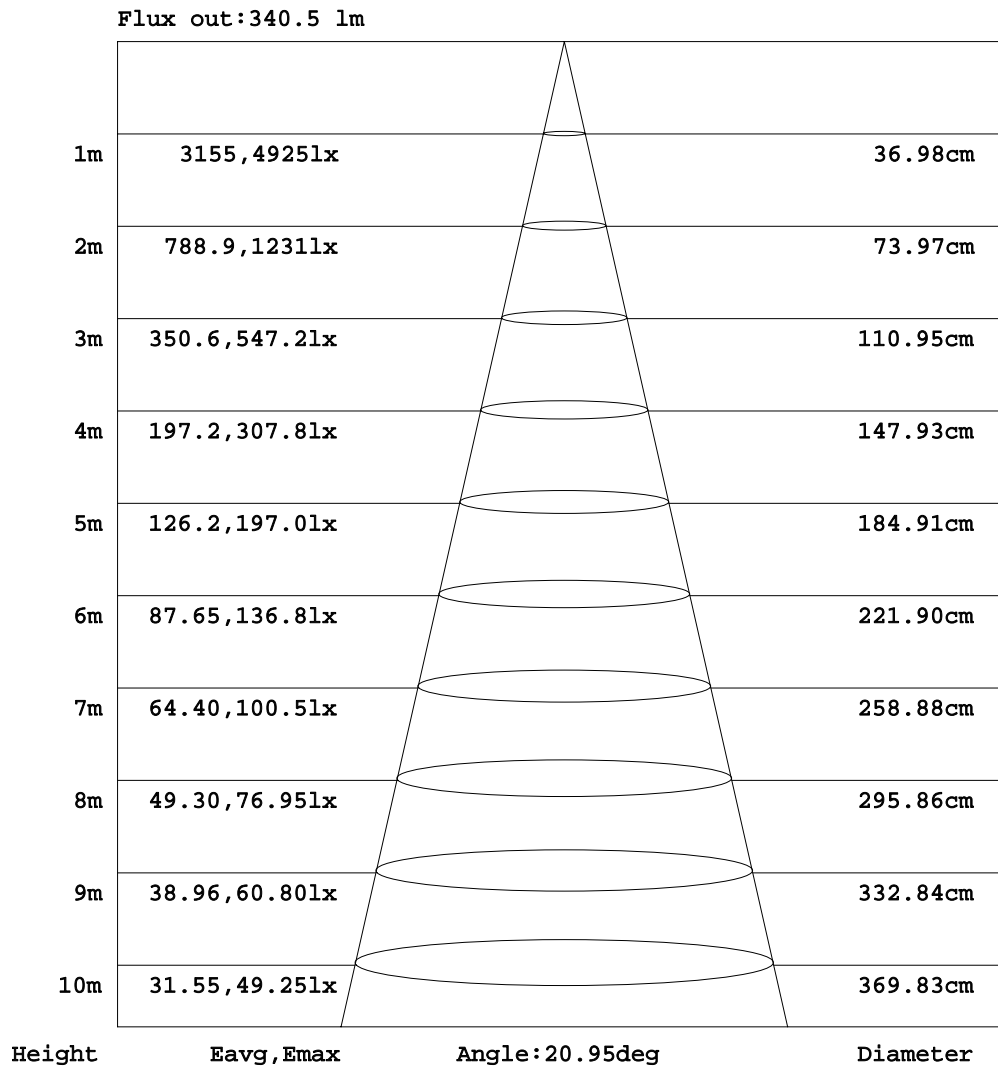


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-11-29

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:8.400m [K=1.0000]
 Remarks: SDCM4.5

AAI Figure

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

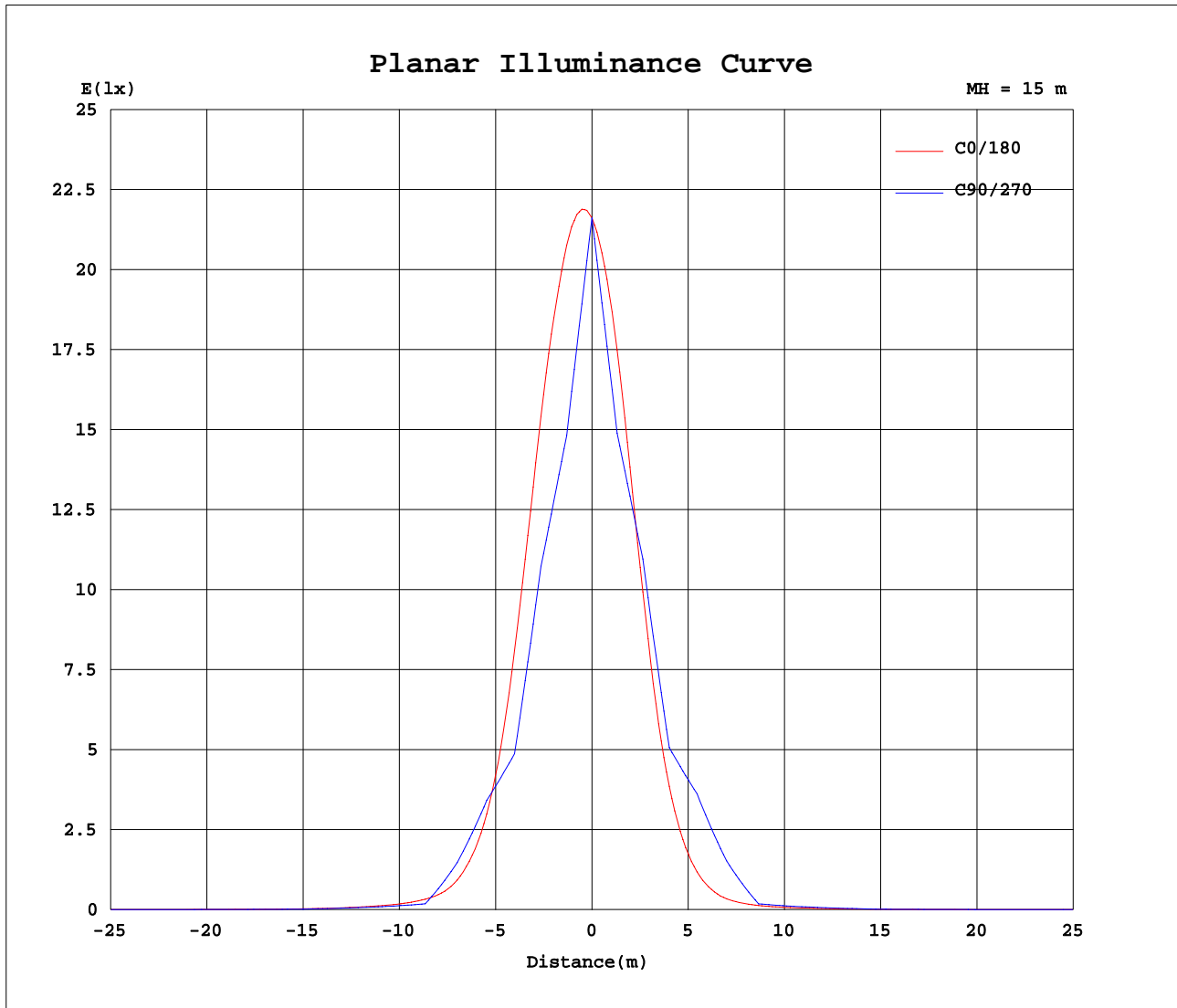


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	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	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864
5	4726	4642	4563	4486	4412	4340	4270	4202	4129	4054	3981	3906	3826	3749	3668	3588	3513	3437	3372
10	3633	3586	3555	3535	3523	3514	3488	3332	3187	3061	2948	2856	2784	2720	2668	2627	2592	2560	2527
15	2022	2100	2209	2340	2416	2205	2009	1828	1666	1656	1674	1674	1654	1615	1560	1485	1397	1304	1217
20	812	929	1077	1180	1014	840	706	774	838	885	904	910	915	923	932	942	948	945	927
25	279	351	442	386	293	267	316	376	376	368	354	397	457	507	538	546	529	492	446
30	113	138	155	120	104	126	139	127	117	150	193	229	224	204	171	132	96.3	72.2	63.5
35	60.5	72.2	68.5	52.9	63.3	65.2	54.8	57.3	69.9	74.7	66.5	42.2	41.2	44.0	46.2	47.8	47.8	46.3	43.7
40	34.5	42.4	35.0	34.1	37.8	29.9	32.2	34.9	29.1	23.5	26.6	29.4	30.4	30.2	29.9	29.7	29.5	29.2	28.6
45	17.9	24.7	17.1	22.3	18.1	18.6	18.7	13.6	15.4	17.8	17.3	16.4	16.1	15.9	15.2	13.9	12.6	11.5	10.9
50	9.51	12.6	10.7	11.9	10.4	10.8	8.48	9.97	9.63	8.65	9.04	8.86	8.50	8.33	8.16	8.00	7.84	7.71	7.58
55	4.49	6.19	7.07	4.98	6.15	4.55	5.82	4.75	4.94	5.17	5.00	4.75	4.72	4.70	4.65	4.54	4.36	4.14	3.90
60	1.03	1.88	3.07	2.66	1.28	2.31	1.40	2.33	2.35	2.30	2.45	2.40	2.03	1.57	1.11	0.86	0.71	0.58	0.50
65	0.00	0.04	0.03	0.15	0.37	0.16	0.05	0.22	0.94	0.89	0.46	0.00	0.00	0.00	0.05	0.23	0.34	0.34	0.26
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.15	0.17	0.17
75	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	0.01	0.00	0.00
80	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
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	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:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	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	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864
5	3305	3250	3201	3163	3137	3117	3115	3123	3146	3184	3237	3302	3382	3476	3584	3704	3837	3980	3837
10	2485	2434	2372	2299	2211	2109	1991	1867	1741	1617	1495	1378	1486	1624	1775	1943	2130	2340	2130
15	1140	1080	1040	1019	1012	1012	1013	1015	1015	973	819	687	580	488	573	694	821	963	821
20	884	820	738	642	542	442	349	267	253	287	308	318	259	202	159	199	257	321	257
25	399	359	327	299	274	247	220	182	129	94.0	73.7	91.4	100	91.7	71.3	62.4	82.3	103	82.1
30	66.9	75.5	83.4	85.4	80.2	70.5	59.7	61.1	61.2	59.7	48.8	39.0	38.6	43.4	39.7	31.8	36.5	45.4	36.4
35	40.7	38.3	36.3	34.5	32.9	31.5	30.5	28.9	25.9	24.9	27.3	26.6	21.4	20.9	24.1	19.9	19.9	25.5	19.8
40	27.4	26.0	24.6	22.8	20.7	18.5	16.9	16.7	16.5	15.1	13.2	14.3	15.0	11.6	12.7	12.7	11.3	14.9	11.3
45	10.9	11.3	11.8	12.2	12.5	12.5	11.7	9.93	8.56	9.11	9.79	7.96	7.88	8.25	6.56	8.52	6.54	9.50	6.46
50	7.41	7.25	7.00	6.58	6.01	5.34	5.12	5.55	5.86	5.00	4.33	5.39	4.04	4.15	3.60	4.07	3.39	5.61	3.29
55	3.69	3.58	3.58	3.58	3.56	3.50	3.20	2.42	1.38	1.71	2.00	1.52	2.05	0.74	1.54	0.46	0.87	2.28	0.79
60	0.39	0.32	0.50	0.76	0.98	1.11	1.11	1.13	0.92	0.10	0.05	0.58	0.05	0.00	0.01	0.00	0.01	0.00	0.01
65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.10	0.01	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
75	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
80	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
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	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:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	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	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864
5	3705	3584	3477	3383	3303	3239	3187	3149	3128	3120	3124	3144	3172	3212	3262	3319	3388	3455	3532
10	1942	1774	1622	1483	1376	1492	1616	1743	1872	1999	2122	2229	2324	2406	2474	2533	2582	2621	2658
15	694	572	487	577	683	815	968	1010	1010	1009	1009	1012	1023	1052	1102	1173	1264	1367	1474
20	198	158	201	258	316	305	285	249	262	342	436	539	647	753	848	925	982	1012	1023
25	62.0	70.5	90.6	98.9	89.7	71.7	92.1	127	178	215	242	269	296	326	362	408	461	517	563
30	31.5	39.0	42.6	37.6	37.7	47.1	57.6	59.2	59.1	57.8	67.9	77.3	82.5	81.4	74.4	66.2	63.2	72.6	99.0
35	19.7	23.7	20.3	20.7	25.5	26.0	23.5	24.1	26.9	28.3	29.3	30.7	32.3	34.3	36.5	39.2	42.6	45.6	47.3
40	12.5	12.4	11.2	14.2	13.4	12.2	13.7	14.8	15.0	15.2	16.8	18.9	20.9	22.8	24.4	26.1	27.4	28.1	28.6
45	8.38	6.32	7.81	7.25	7.11	8.59	7.95	7.40	8.56	10.2	11.0	11.0	10.7	10.2	9.79	9.33	9.32	9.91	11.1
50	3.90	3.29	3.61	3.29	4.51	3.61	3.96	4.73	4.35	3.90	4.18	4.91	5.47	5.88	6.10	6.23	6.33	6.47	6.64
55	0.40	1.25	0.45	1.24	0.96	1.59	1.14	0.40	1.52	2.35	2.78	2.92	2.97	2.99	3.01	3.03	3.11	3.24	3.46
60	0.00	0.00	0.00	0.00	0.34	0.04	0.00	0.33	0.64	0.73	0.81	0.78	0.62	0.41	0.21	0.06	0.00	0.06	0.24
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	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
75	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
80	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
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	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:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.27V I:0.2169A P:10.47W PF:1.000 Freq:60.00Hz Lamp Flux:891.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4125K-Ra92	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	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864	4864				
5	3609	3689	3771	3848	3928	4003	4075	4149	4220	4286	4354	4423	4495	4569	4645				
10	2695	2737	2788	2849	2918	3005	3113	3235	3375	3526	3546	3549	3554	3567	3592				
15	1575	1658	1716	1751	1762	1749	1717	1715	1869	2045	2236	2443	2359	2221	2106				
20	1023	1013	1006	998	993	987	958	891	812	731	859	1029	1193	1086	933				
25	588	584	551	497	431	384	400	408	410	336	276	298	390	446	352				
30	138	182	219	240	247	207	160	123	134	146	131	107	122	157	139				
35	47.4	45.9	43.6	40.6	41.7	68.8	77.3	71.7	58.9	57.0	68.4	66.4	54.8	69.8	72.9				
40	28.8	29.1	29.4	29.5	28.4	25.4	22.3	28.3	35.1	33.0	31.2	40.0	35.6	35.7	42.9				
45	12.5	13.9	14.7	14.9	15.2	16.1	16.7	14.2	12.6	18.4	18.7	18.5	23.2	17.3	24.9				
50	6.87	7.05	7.18	7.29	7.68	7.93	7.56	8.54	8.94	7.60	10.3	10.1	11.9	10.7	12.6				
55	3.72	3.94	4.04	4.03	4.01	4.14	4.14	3.94	3.78	4.91	3.78	5.58	4.53	6.86	6.06				
60	0.55	0.93	1.35	1.74	2.03	1.97	1.68	1.54	1.30	0.97	1.85	0.58	2.12	2.84	1.73				
65	0.00	0.00	0.00	0.00	0.00	0.37	0.66	0.54	0.02	0.00	0.03	0.07	0.13	0.02	0.02				
70	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				
75	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				
80	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				
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	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				

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-11-29

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:8.400m [K=1.0000]
Remarks: SDCM4.5