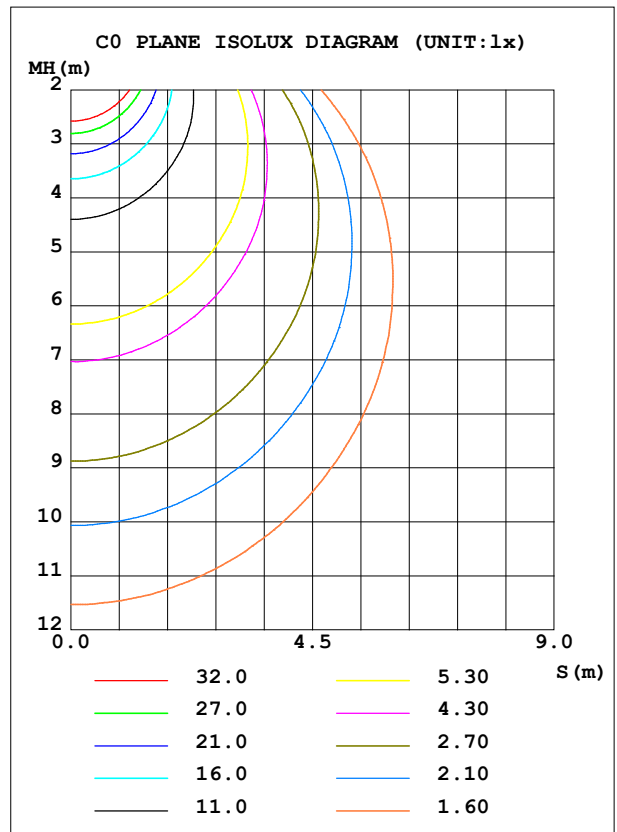
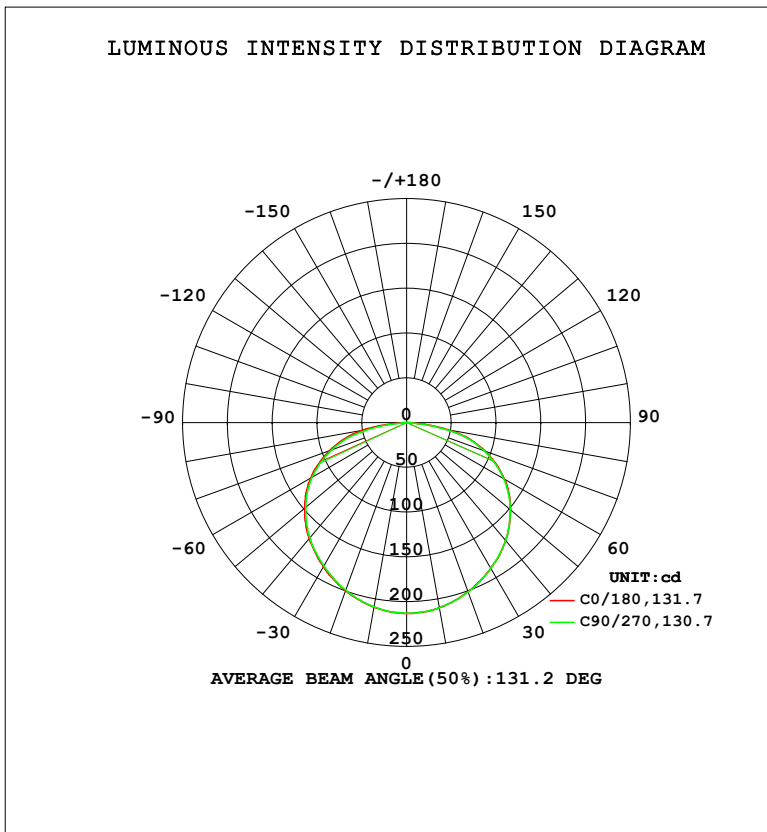


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	213.1	S/MH (C0/180)	1.30
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	728.24	η UP, DN (C0-180)	0.0, 50.5
NOMINAL FLUX (lm)	728.243	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

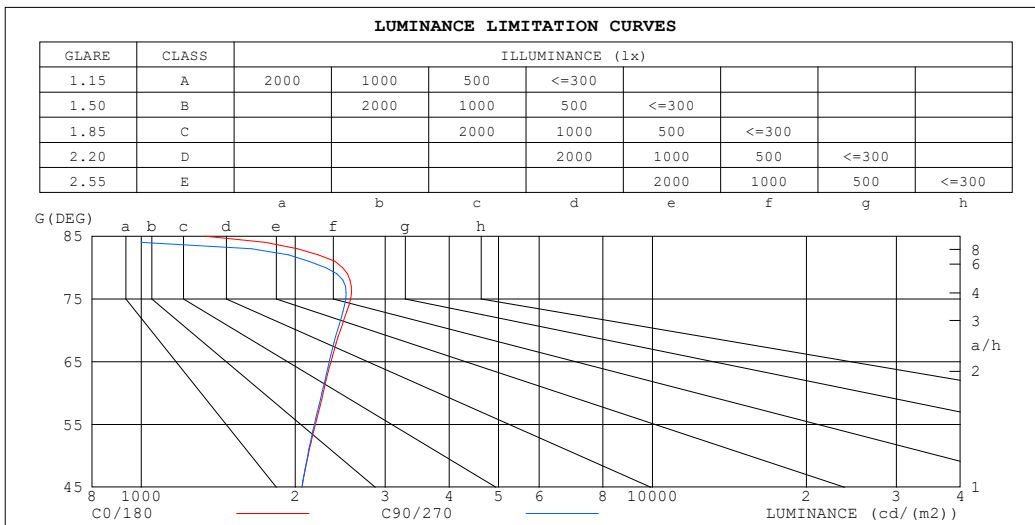
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	209.7	210.2	210.0	209.3	209.5	208.8	209.1	209.4	0- 10	20.16	20.16	2.77,2.77
20	201.0	202.0	201.1	200.3	199.8	198.8	199.0	200.4	10- 20	58.05	78.21	10.7,10.7
30	187.9	189.5	187.9	187.2	185.9	185.4	184.9	187.5	20- 30	89.57	167.8	23,23
40	172.0	174.3	172.1	171.4	169.2	169.4	168.2	171.3	30- 40	112.4	280.2	38.5,38.5
50	151.5	153.5	151.1	150.9	148.6	148.3	147.3	150.3	40- 50	124.5	404.7	55.6,55.6
60	126.2	126.8	125.3	124.5	123.7	121.7	121.8	123.0	50- 60	123.5	528.3	72.5,72.5
70	93.23	93.17	91.99	91.63	91.55	89.66	88.91	89.44	60- 70	107.5	635.8	87.3,87.3
80	47.83	44.11	44.23	49.25	50.74	41.88	40.62	47.25	70- 80	75.08	710.9	97.6,97.6
90	0.5559	0.4547	0.4568	0.5453	0.3708	0.2757	0.2795	0.3430	80- 90	17.37	728.2	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		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	1337	379
80	2476	2293
75	2567	2511
70	2450	2421
65	2350	2329
60	2268	2256
55	2189	2181
50	2119	2116
45	2063	2064

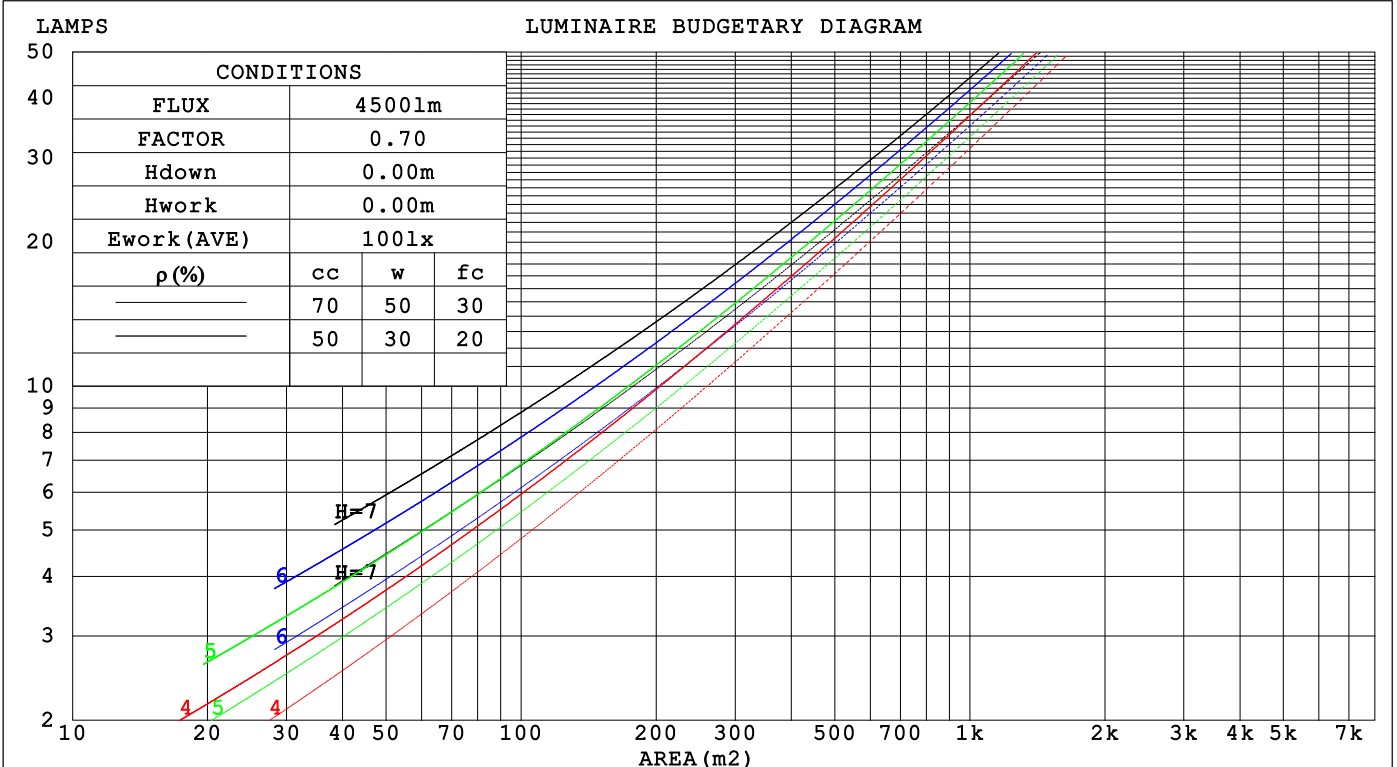
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding 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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.02	.98	.93	.90	.96	.92	.96	.92	.89	.92	.89	.86	.88	.86	.83	.81
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.79	.74	.70	.76	.72	.68	.66
3.0	.76	.67	.60	.75	.66	.60	.72	.64	.59	.69	.63	.58	.66	.61	.57	.54
4.0	.67	.58	.50	.66	.57	.50	.63	.55	.49	.61	.54	.49	.58	.53	.48	.46
5.0	.59	.50	.43	.58	.49	.43	.56	.48	.42	.54	.47	.42	.52	.46	.41	.39
6.0	.53	.44	.37	.52	.43	.37	.50	.42	.36	.49	.42	.36	.47	.41	.36	.34
7.0	.48	.39	.32	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.29
8.0	.44	.35	.29	.43	.34	.29	.42	.34	.28	.40	.33	.28	.39	.33	.28	.26
9.0	.40	.31	.26	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.30	.25	.23
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.340	.194	.061	.333	.190	.060	.320	.183	.059	.307	.177	.057	.296	.172	.055	
2.0	.317	.174	.053	.310	.171	.053	.299	.166	.052	.288	.161	.050	.277	.157	.049	
3.0	.290	.154	.046	.284	.152	.046	.274	.148	.045	.264	.145	.044	.255	.141	.044	
4.0	.265	.138	.041	.260	.136	.040	.251	.133	.040	.242	.130	.039	.234	.127	.039	
5.0	.243	.124	.036	.239	.123	.036	.230	.120	.035	.223	.118	.035	.215	.115	.035	
6.0	.224	.112	.032	.220	.111	.032	.213	.109	.032	.206	.107	.031	.199	.105	.031	
7.0	.208	.103	.029	.204	.102	.029	.197	.100	.029	.191	.098	.029	.185	.096	.028	
8.0	.193	.094	.027	.190	.093	.026	.184	.092	.026	.178	.090	.026	.173	.089	.026	
9.0	.180	.087	.024	.177	.086	.024	.172	.085	.024	.167	.084	.024	.162	.082	.024	
10.0	.169	.081	.022	.166	.080	.022	.162	.079	.022	.157	.078	.022	.153	.077	.022	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.182	.156	.132	.156	.134	.114	.107	.092	.079	.061	.053	.046	.020	.017	.015	
2.0	.176	.132	.095	.150	.113	.082	.103	.078	.057	.059	.046	.034	.019	.015	.011	
3.0	.168	.114	.071	.144	.099	.062	.099	.069	.043	.057	.040	.026	.018	.013	.008	
4.0	.161	.101	.056	.138	.088	.049	.095	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.153	.091	.045	.132	.079	.039	.091	.055	.028	.053	.032	.016	.017	.011	.005	
6.0	.146	.083	.038	.125	.072	.033	.086	.050	.023	.050	.030	.014	.016	.010	.005	
7.0	.139	.076	.032	.119	.066	.028	.082	.046	.020	.048	.027	.012	.015	.009	.004	
8.0	.132	.070	.028	.114	.061	.024	.079	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.126	.065	.024	.108	.057	.021	.075	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.120	.061	.022	.103	.053	.019	.072	.037	.014	.042	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	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	17.0	18.6	17.3	18.8	19.0	17.1	18.7	17.3	18.9	19.1
3H	19.1	20.6	19.4	20.9	21.1	19.1	20.6	19.4	20.8	21.1
4H	20.1	21.5	20.4	21.8	22.0	20.0	21.4	20.3	21.7	22.0
6H	20.8	22.2	21.2	22.5	22.8	20.7	22.1	21.1	22.3	22.6
8H	21.1	22.4	21.4	22.6	22.9	20.9	22.2	21.2	22.5	22.8
12H	21.1	22.4	21.5	22.7	23.0	20.9	22.1	21.2	22.4	22.7
4H 2H	17.8	19.2	18.1	19.5	19.7	17.8	19.3	18.1	19.5	19.8
3H	20.1	21.4	20.5	21.7	22.0	20.1	21.3	20.4	21.6	21.9
4H	21.2	22.4	21.6	22.7	23.0	21.1	22.3	21.5	22.6	22.9
6H	22.1	23.1	22.5	23.5	23.9	22.0	23.0	22.4	23.3	23.7
8H	22.4	23.3	22.8	23.7	24.1	22.2	23.1	22.6	23.5	23.9
12H	22.4	23.3	22.9	23.7	24.1	22.2	23.1	22.6	23.5	23.9
8H 4H	21.6	22.6	22.1	23.0	23.4	21.5	22.5	22.0	22.9	23.3
6H	22.7	23.5	23.1	23.9	24.3	22.5	23.3	23.0	23.7	24.2
8H	23.0	23.7	23.4	24.1	24.6	22.8	23.5	23.3	24.0	24.4
12H	23.1	23.7	23.6	24.1	24.6	22.8	23.4	23.3	23.9	24.4
12H 4H	21.7	22.5	22.1	22.9	23.3	21.6	22.5	22.0	22.9	23.3
6H	22.7	23.5	23.2	23.9	24.3	22.6	23.3	23.1	23.7	24.2
8H	23.1	23.7	23.6	24.1	24.6	22.9	23.5	23.4	24.0	24.5

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.1 / - 0.4	+ 0.1 / - 0.4

CIE Pub.117, 728.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.1)  
 Area: 0.111111 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

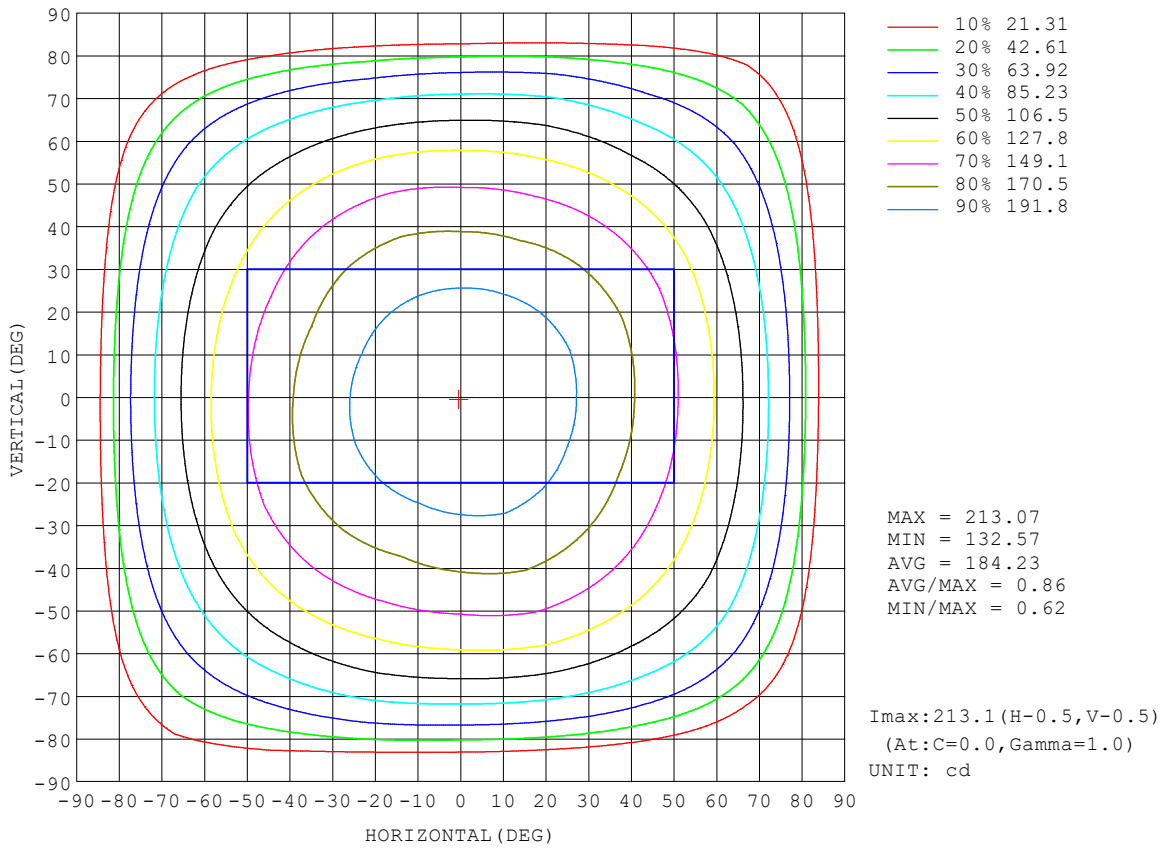
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	34	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	61	53	71	60	52	69	62	52	44
1.25	80	68	61	78	68	60	75	66	59	51
1.50	85	74	66	83	73	66	80	71	65	57
2.00	92	83	76	90	82	75	87	79	74	65
2.50	97	88	81	95	87	81	91	84	79	70
3.00	100	93	87	98	91	86	94	88	83	74
4.00	105	98	93	102	97	92	98	93	89	80
5.00	107	102	98	105	100	96	100	96	93	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



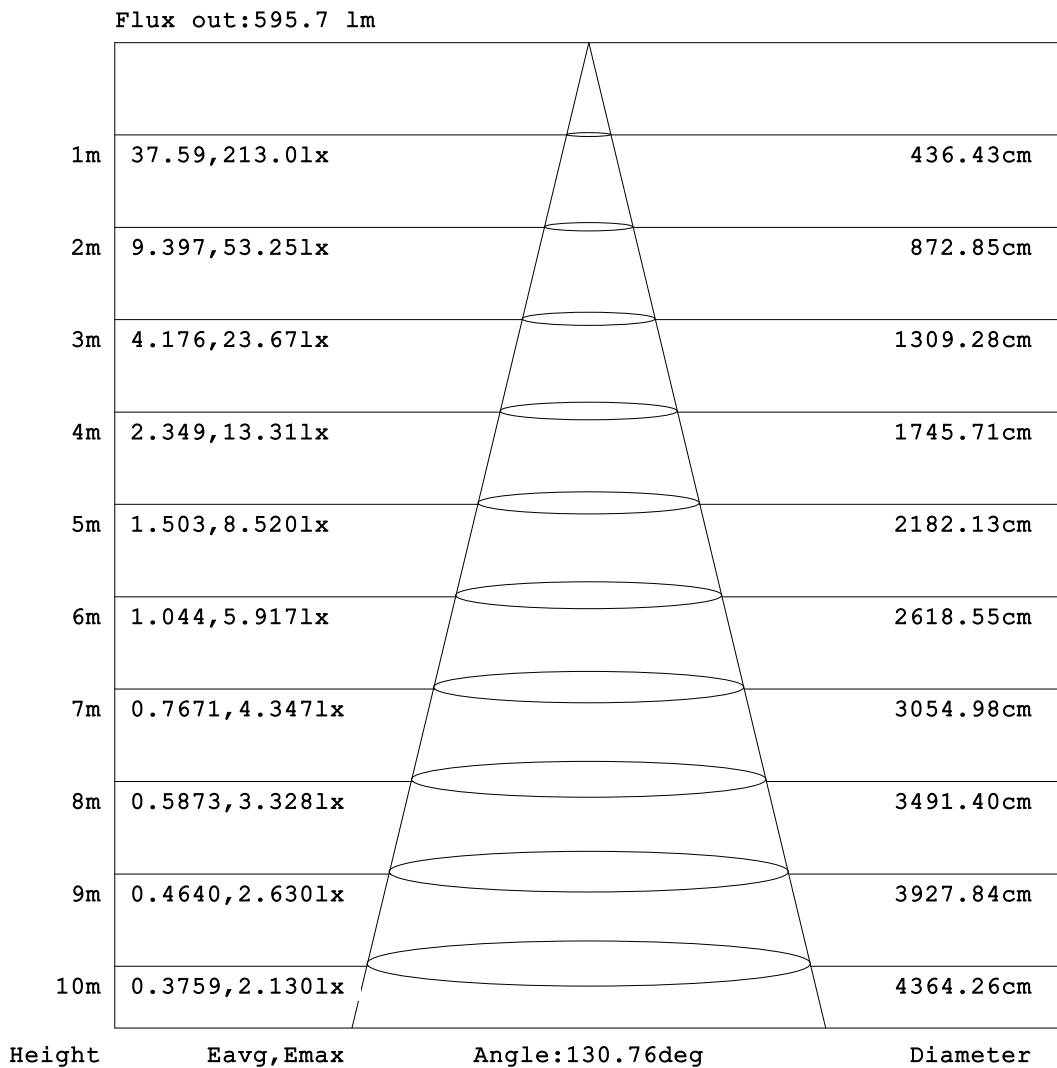
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



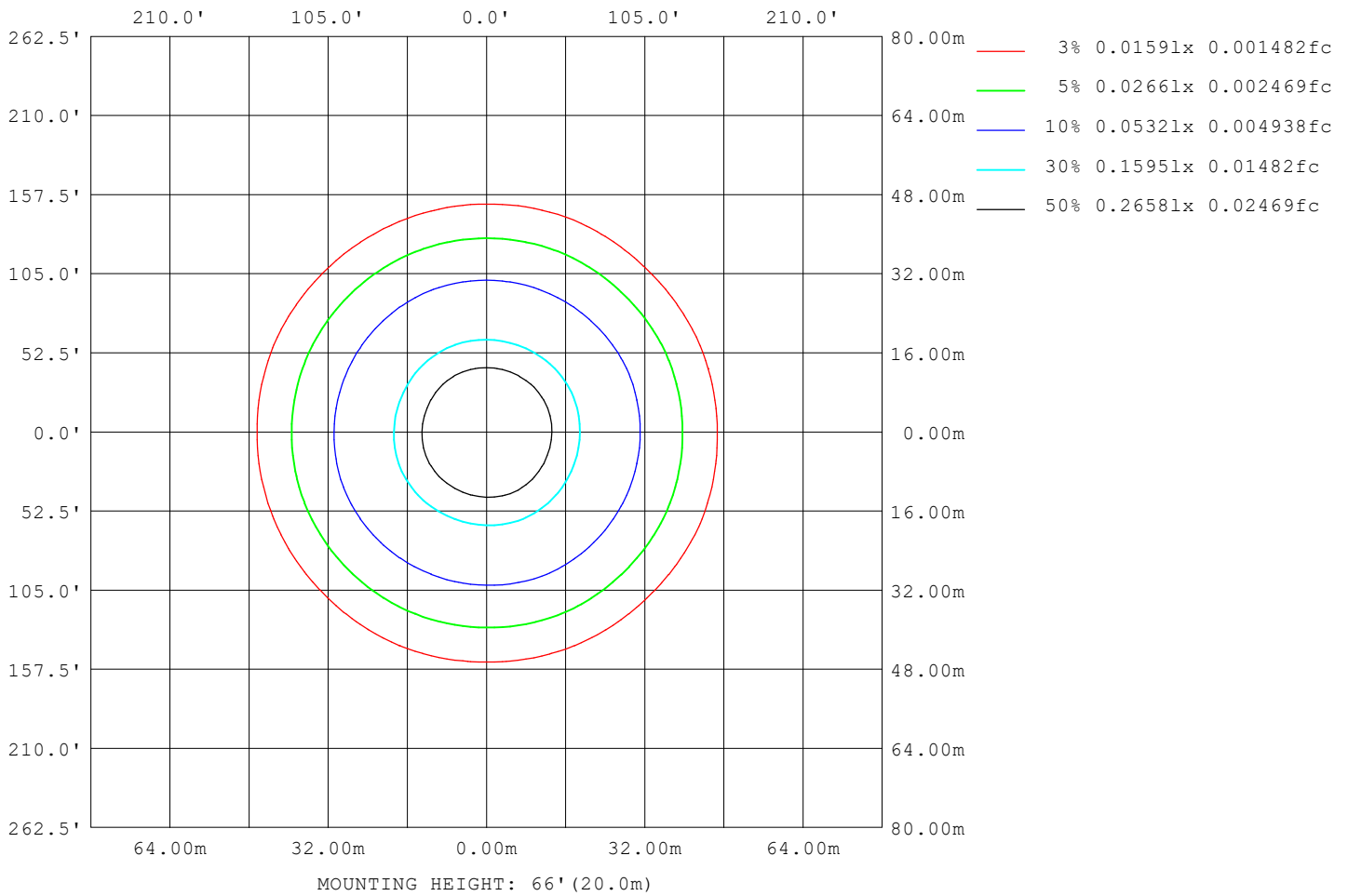
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

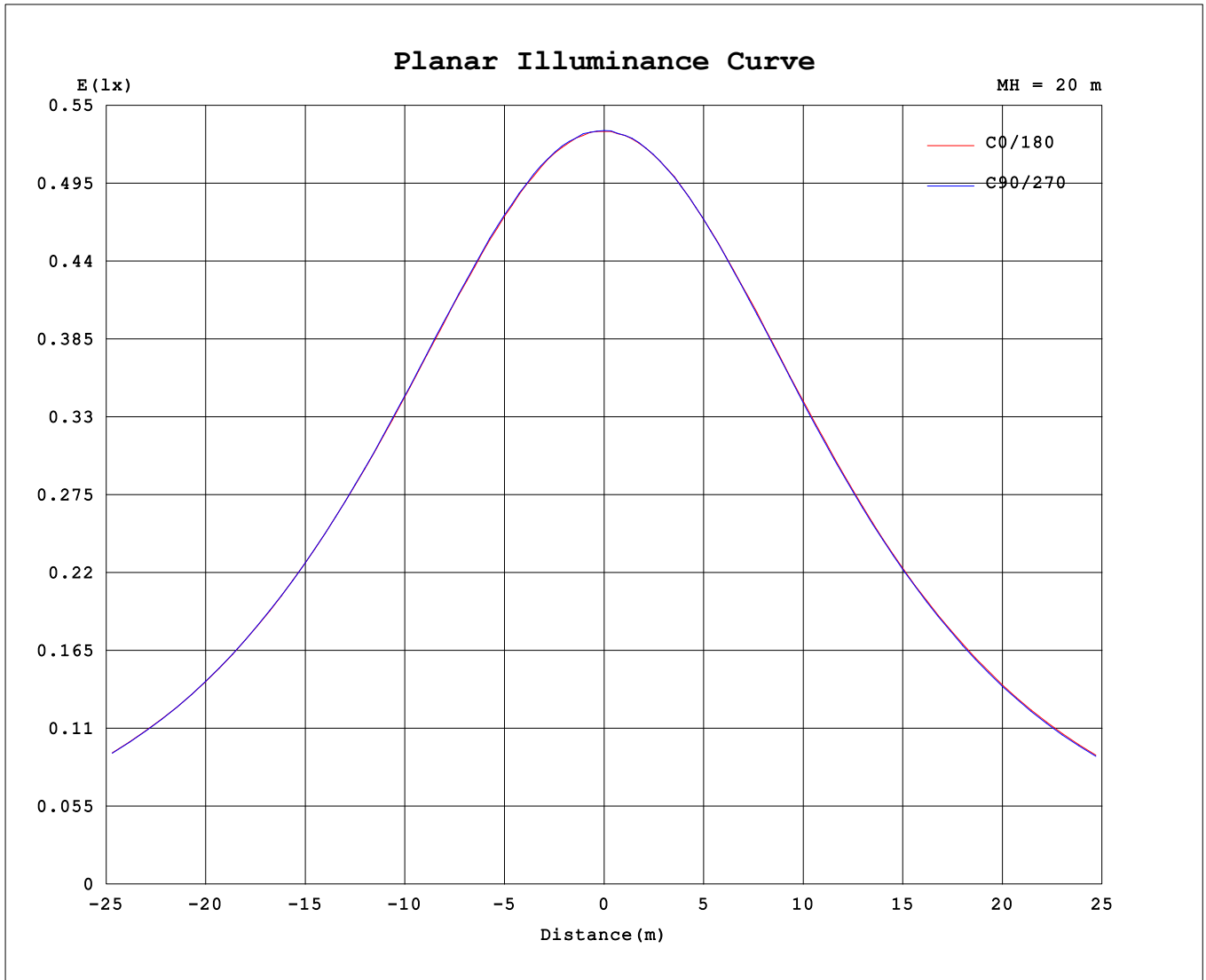
AvgL	cd/m2
L_0~180 (65) av	2330
L_0~180 (75) av	2562
L_0~180 (85) av	1576
L_90~270 (65) av	2293
L_90~270 (75) av	2454
L_90~270 (85) av	363
L_45 (65) av	2301
L_45 (75) av	2491
L_45 (85) av	1153

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2022-12-28

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.86V I:0.1300A P:11.304W PF:0.7255 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:728.243x1 lm		
NAME: DS-LED-4-S12W-5CCT-WH-SQ	TYPE:	WEIGHT:
SPEC.: 4000K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG)\ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213			
5	212	212	212	212	212	212	212	212	212	212	212	211	212	212	212	212			
10	210	210	210	210	210	209	209	209	210	209	209	209	209	210	209	210			
15	206	206	207	207	206	206	205	205	205	204	204	204	205	205	206	206			
20	201	201	202	202	201	200	200	200	200	199	199	199	199	200	200	201			
25	195	195	196	197	195	194	194	194	193	192	192	193	193	193	194	195			
30	188	188	189	190	188	186	187	187	186	184	185	186	185	185	188	189			
35	181	180	182	184	180	178	180	180	178	176	178	179	177	177	180	182			
40	172	172	174	176	172	169	171	172	169	167	169	170	168	169	171	173			
45	162	163	165	166	162	160	162	163	160	158	159	160	158	159	161	164			
50	152	152	153	155	151	150	151	152	149	147	148	149	147	148	150	153			
55	140	140	141	143	139	138	139	139	137	135	136	136	135	135	138	141			
60	126	127	127	128	125	124	125	125	124	122	122	122	122	122	123	126			
65	110	112	111	111	109	110	109	109	108	108	106	106	106	108	107	110			
70	93.2	96.0	93.2	93.0	92.0	93.5	91.6	91.3	91.5	92.3	89.7	88.2	88.9	91.0	89.4	92.2			
75	73.9	75.7	73.1	72.6	72.2	74.0	73.0	73.2	73.4	73.2	70.0	67.3	68.9	71.9	70.4	73.2			
80	47.8	47.0	44.1	44.0	44.2	47.9	49.3	51.8	50.7	46.7	41.9	39.1	40.6	45.4	47.3	50.6			
85	13.0	3.62	3.10	3.53	3.67	9.21	20.0	25.2	17.6	10.0	3.22	2.50	3.36	10.4	18.4	23.7			
90	0.56	0.48	0.45	0.46	0.46	0.48	0.55	0.55	0.37	0.30	0.28	0.27	0.28	0.30	0.34	0.34			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2022-12-28  
 γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks: