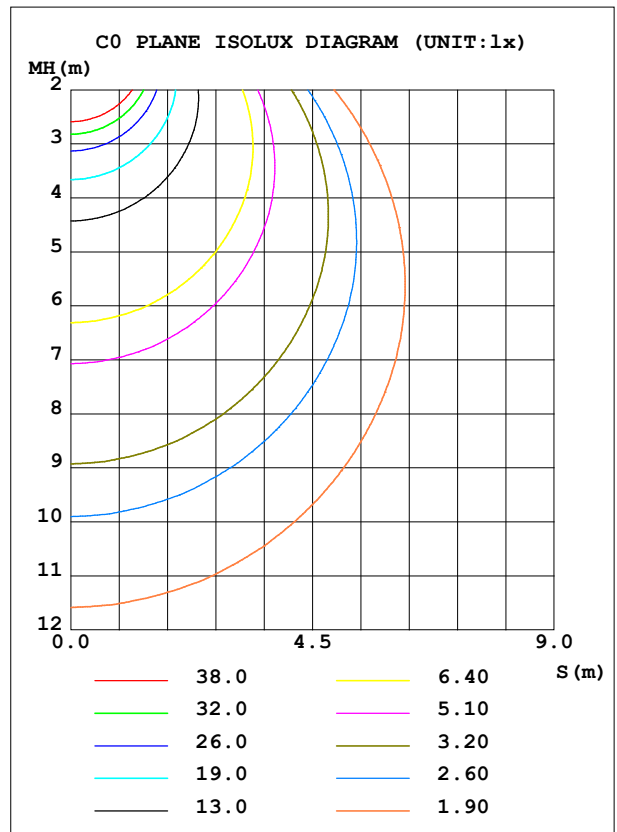
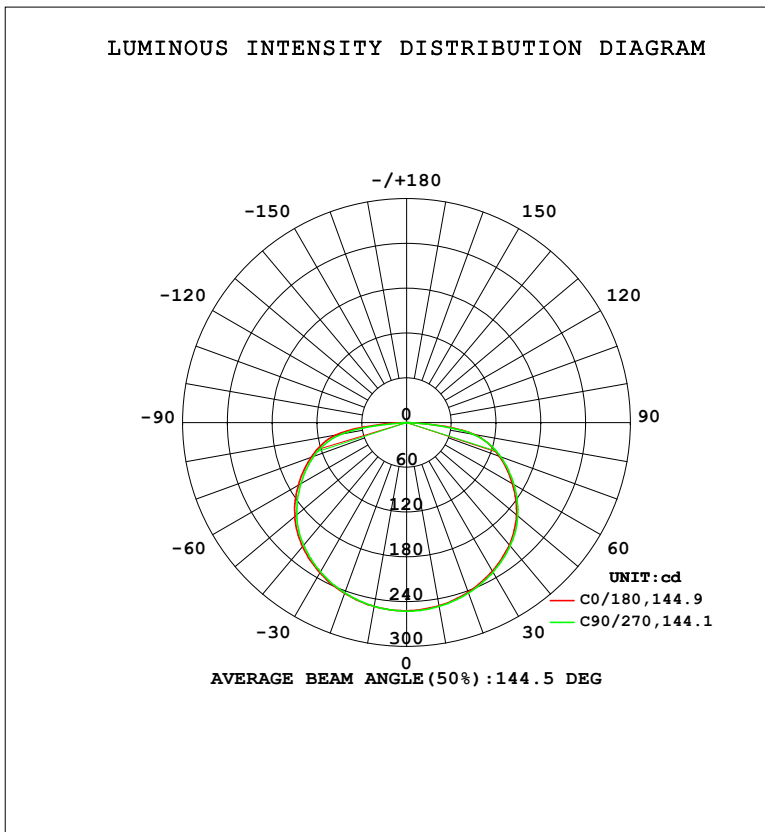


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	252.7	S/MH (C0/180)	1.38
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.37
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	975.44	$\eta$ UP, DN (C0-180)	0.0, 50.2
NOMINAL FLUX (lm)	975.445	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 49.8
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	$\eta$ 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: 2022-12-26

$\gamma$  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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

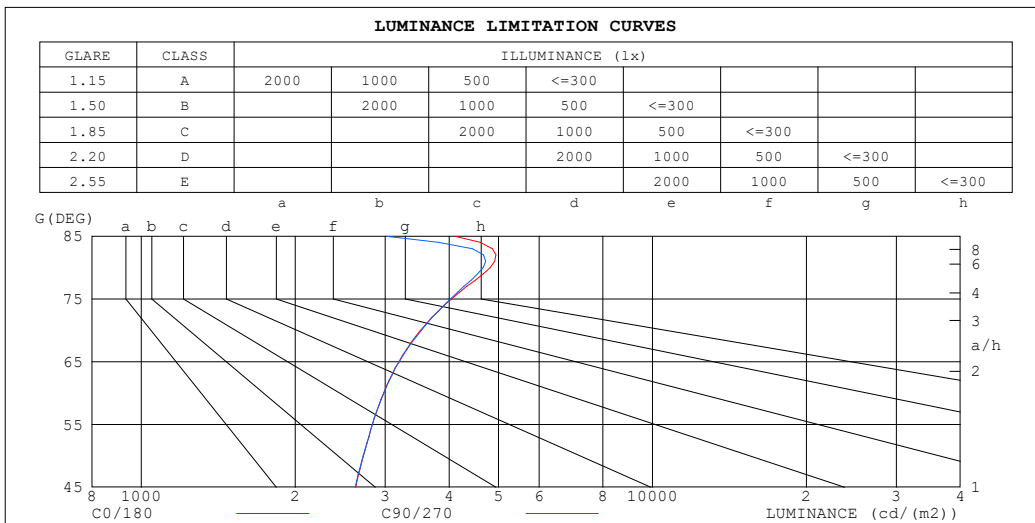
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	249.2	249.2	250.0	250.4	250.1	250.2	250.0	249.6	0- 10	23.98	23.98	2.46,2.46
20	241.6	241.8	243.0	243.4	243.3	243.5	242.7	242.4	10- 20	69.83	93.80	9.62,9.62
30	229.8	230.0	231.6	232.1	232.3	232.3	230.9	230.5	20- 30	109.7	203.5	20.9,20.9
40	214.1	214.0	215.7	216.6	217.0	216.8	214.7	214.7	30- 40	140.3	343.9	35.3,35.3
50	192.3	192.4	194.4	195.6	195.5	194.9	192.3	192.2	40- 50	158.7	502.6	51.5,51.5
60	163.6	163.9	166.0	167.4	167.4	166.5	163.5	163.0	50- 60	161.1	663.7	68,68
70	132.2	132.2	134.4	136.2	136.4	135.7	132.4	131.6	60- 70	148.4	812.2	83.3,83.3
80	91.93	86.25	90.08	96.20	96.16	91.51	87.86	91.04	70- 80	121.6	933.8	95.7,95.7
90	0.9052	0.7863	0.7974	0.9578	0.5878	0.4735	0.4925	0.5939	80- 90	41.66	975.4	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		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-26

$\gamma$  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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4107	3016
80	4815	4660
75	4041	4027
70	3515	3530
65	3192	3198
60	2976	2981
55	2831	2832
50	2720	2717
45	2625	2618

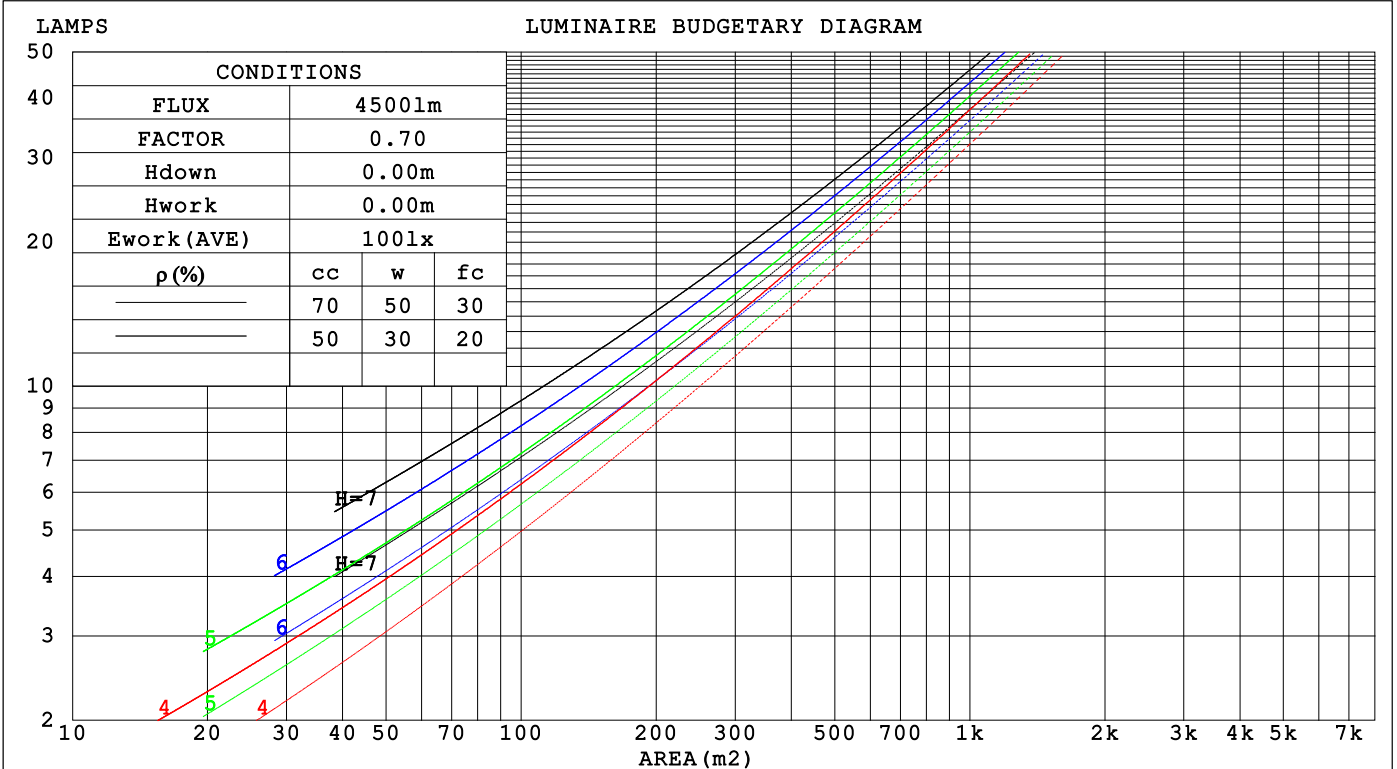
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2022-12-26

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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz		
UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 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	1.01	.95	.91	.98	.94	.89	.94	.90	.86	.90	.87	.84	.86	.84	.81	.79
2.0	.86	.78	.71	.84	.76	.70	.80	.74	.68	.77	.71	.67	.73	.69	.65	.63
3.0	.74	.65	.57	.72	.64	.57	.69	.62	.56	.66	.60	.55	.64	.58	.54	.51
4.0	.65	.55	.47	.63	.54	.47	.61	.53	.46	.58	.51	.46	.56	.50	.45	.43
5.0	.57	.47	.40	.56	.47	.40	.54	.46	.39	.52	.45	.39	.50	.44	.38	.36
6.0	.51	.42	.35	.50	.41	.34	.48	.40	.34	.47	.39	.34	.45	.38	.33	.31
7.0	.46	.37	.30	.45	.36	.30	.44	.36	.30	.42	.35	.30	.41	.34	.29	.27
8.0	.42	.33	.27	.41	.33	.27	.40	.32	.26	.39	.31	.26	.37	.31	.26	.24
9.0	.38	.30	.24	.38	.29	.24	.37	.29	.24	.35	.28	.23	.34	.28	.23	.21
10.0	.35	.27	.21	.35	.27	.21	.34	.26	.21	.33	.26	.21	.32	.26	.21	.19



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-26

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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 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	.372	.212	.067	.365	.208	.066	.352	.202	.064	.339	.196	.063	.328	.190	.061	
2.0	.337	.185	.057	.331	.182	.056	.319	.177	.055	.308	.173	.054	.297	.168	.053	
3.0	.304	.162	.049	.299	.160	.048	.288	.156	.047	.278	.152	.047	.269	.149	.046	
4.0	.276	.143	.042	.271	.142	.042	.261	.138	.041	.252	.135	.041	.244	.133	.040	
5.0	.251	.128	.037	.247	.127	.037	.238	.124	.037	.230	.122	.036	.223	.119	.036	
6.0	.230	.116	.033	.226	.114	.033	.219	.112	.033	.212	.110	.032	.205	.108	.032	
7.0	.213	.105	.030	.209	.104	.030	.202	.102	.029	.196	.100	.029	.190	.099	.029	
8.0	.197	.096	.027	.194	.095	.027	.188	.094	.027	.182	.092	.027	.177	.091	.026	
9.0	.184	.089	.025	.181	.088	.025	.175	.087	.025	.170	.085	.024	.166	.084	.024	
10.0	.172	.082	.023	.169	.082	.023	.164	.081	.023	.160	.079	.023	.156	.078	.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	.185	.156	.129	.158	.134	.111	.108	.092	.077	.062	.053	.045	.020	.017	.014	
2.0	.178	.132	.092	.153	.113	.080	.105	.078	.056	.060	.046	.033	.019	.015	.011	
3.0	.171	.115	.069	.147	.099	.060	.101	.069	.042	.058	.040	.025	.019	.013	.008	
4.0	.163	.102	.054	.140	.088	.047	.096	.061	.033	.056	.036	.020	.018	.012	.006	
5.0	.156	.091	.044	.134	.079	.038	.092	.055	.027	.053	.032	.016	.017	.011	.005	
6.0	.148	.083	.037	.127	.072	.032	.088	.050	.023	.051	.030	.013	.016	.010	.004	
7.0	.141	.076	.031	.121	.066	.027	.084	.046	.019	.049	.027	.012	.016	.009	.004	
8.0	.134	.071	.027	.115	.061	.024	.080	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.127	.066	.024	.110	.057	.021	.076	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.121	.061	.022	.104	.053	.019	.072	.037	.013	.042	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-26

$\gamma$  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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 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	16.8	18.5	17.1	18.7	18.9	16.8	18.4	17.1	18.7	18.9
3H	19.2	20.7	19.5	20.9	21.2	19.1	20.7	19.5	20.9	21.2
4H	20.4	21.9	20.7	22.1	22.4	20.4	21.8	20.7	22.1	22.4
6H	21.6	23.0	21.9	23.3	23.6	21.5	22.9	21.9	23.2	23.5
8H	22.1	23.4	22.4	23.7	24.0	22.0	23.3	22.3	23.6	23.9
12H	22.4	23.7	22.7	24.0	24.3	22.2	23.5	22.5	23.8	24.1
4H 2H	17.6	19.1	18.0	19.4	19.6	17.6	19.1	17.9	19.4	19.6
3H	20.2	21.5	20.6	21.8	22.1	20.2	21.5	20.6	21.8	22.1
4H	21.6	22.8	22.0	23.1	23.5	21.6	22.8	22.0	23.1	23.5
6H	23.0	24.1	23.4	24.4	24.8	22.9	24.0	23.3	24.3	24.7
8H	23.6	24.6	24.0	24.9	25.3	23.4	24.5	23.9	24.8	25.2
12H	23.9	24.8	24.3	25.2	25.6	23.7	24.6	24.1	25.0	25.4
8H 4H	22.1	23.2	22.6	23.5	23.9	22.1	23.1	22.5	23.5	23.9
6H	23.7	24.6	24.2	25.0	25.4	23.7	24.5	24.1	24.9	25.4
8H	24.4	25.2	24.9	25.6	26.1	24.3	25.1	24.8	25.5	26.0
12H	24.9	25.5	25.4	26.0	26.5	24.6	25.3	25.1	25.7	26.2
12H 4H	22.2	23.2	22.7	23.6	24.0	22.2	23.2	22.6	23.5	24.0
6H	23.9	24.7	24.4	25.1	25.6	23.8	24.6	24.3	25.0	25.5
8H	24.6	25.3	25.1	25.8	26.2	24.5	25.2	25.0	25.6	26.1

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 / - 0.2	+ 0.2 / - 0.2
2.0H	+ 0.2 / - 0.3	+ 0.1 / - 0.3

CIE Pub.117, 975.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)  
 Area: 0.111111 m2

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Temperature:25.3°C	Humidity:65.0%
Operators:	Test Distance:3.090m [K=1.0000]
Test Date:2022-12-26	Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

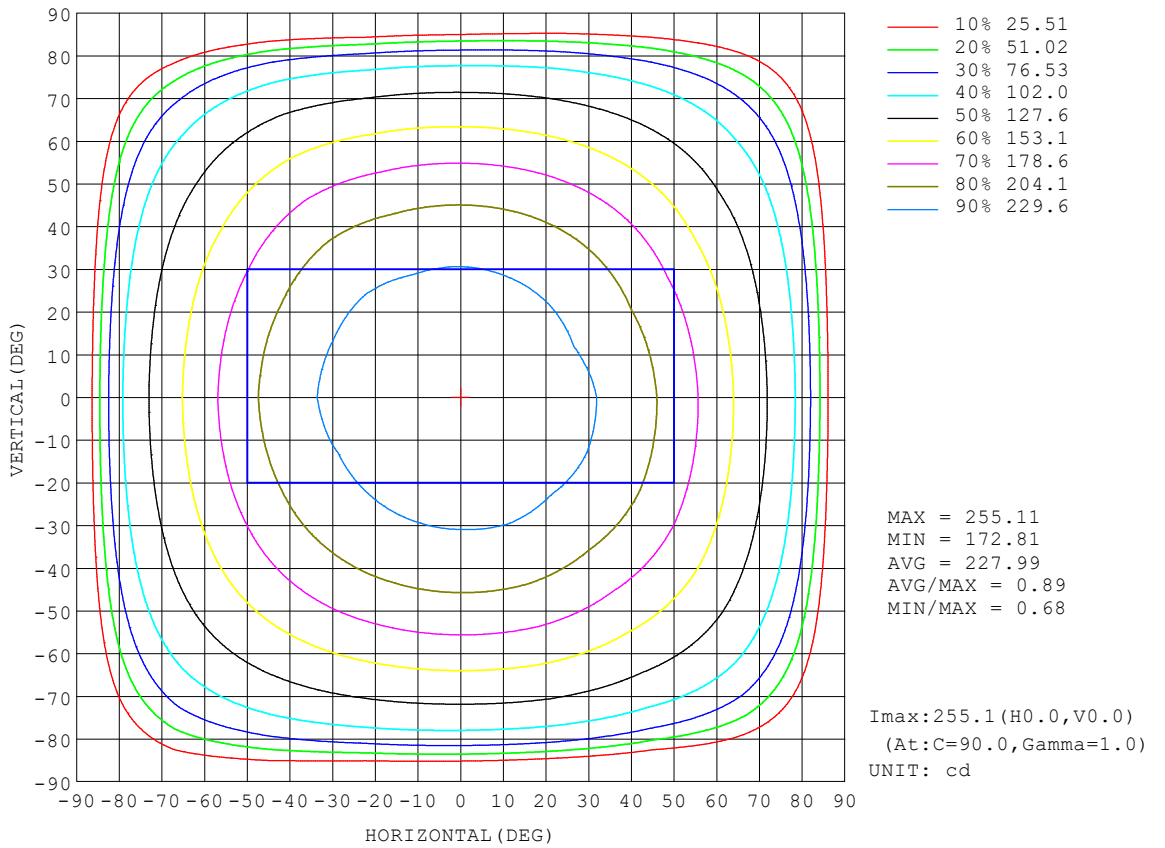
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	40	33	52	40	32	51	39	32	25
0.80	62	49	41	61	49	41	59	48	41	33
1.00	70	58	50	69	57	49	67	59	49	41
1.25	78	66	57	76	65	57	73	63	56	48
1.50	83	71	63	81	71	63	78	69	62	53
2.00	90	80	73	88	79	72	85	77	70	62
2.50	95	86	79	93	84	78	89	81	76	67
3.00	99	90	84	96	89	83	92	86	81	71
4.00	103	96	91	101	95	89	96	91	87	77
5.00	106	100	95	104	98	94	99	95	91	81
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:2022-12-26

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:

**ISOCANDELA DIAGRAM**

Test:U:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



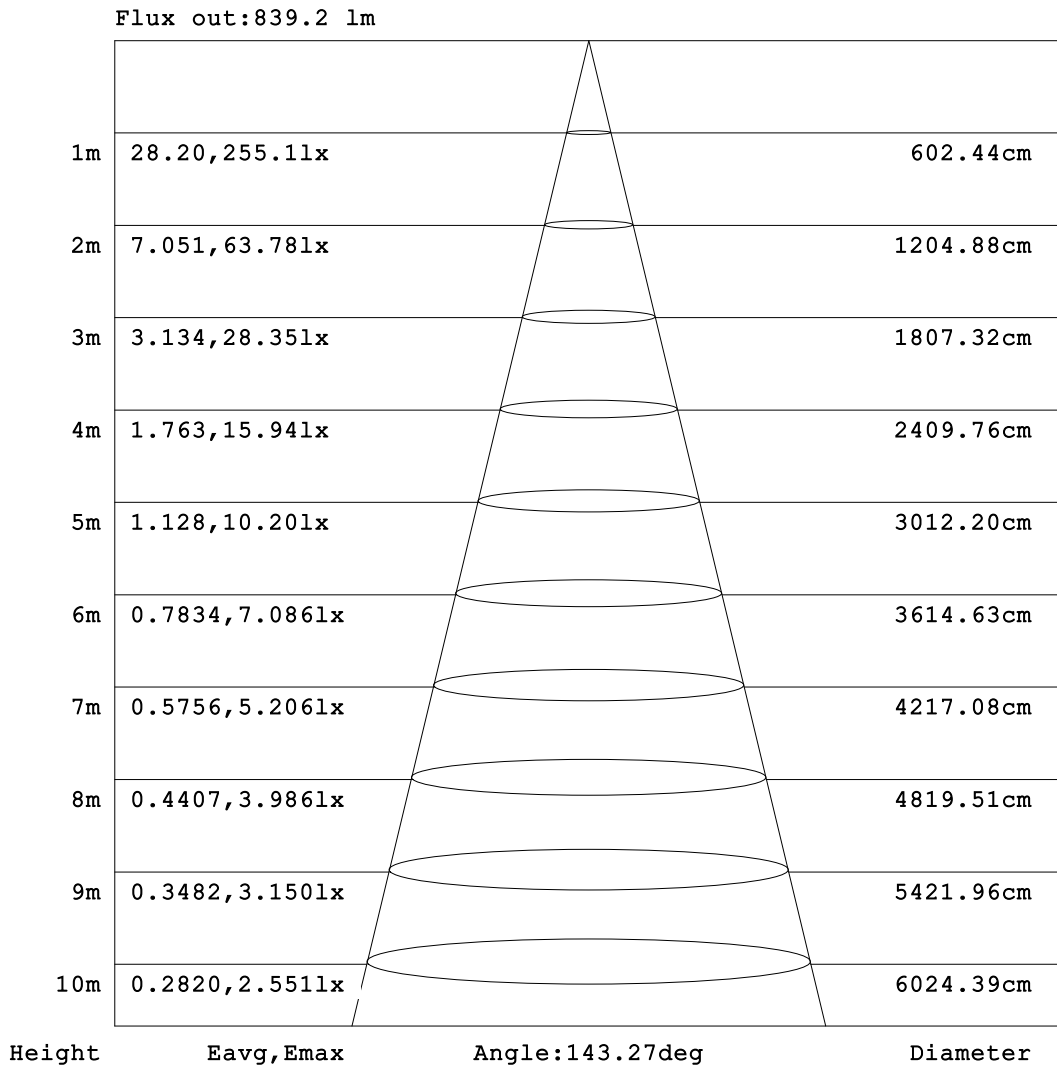
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-12-26

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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



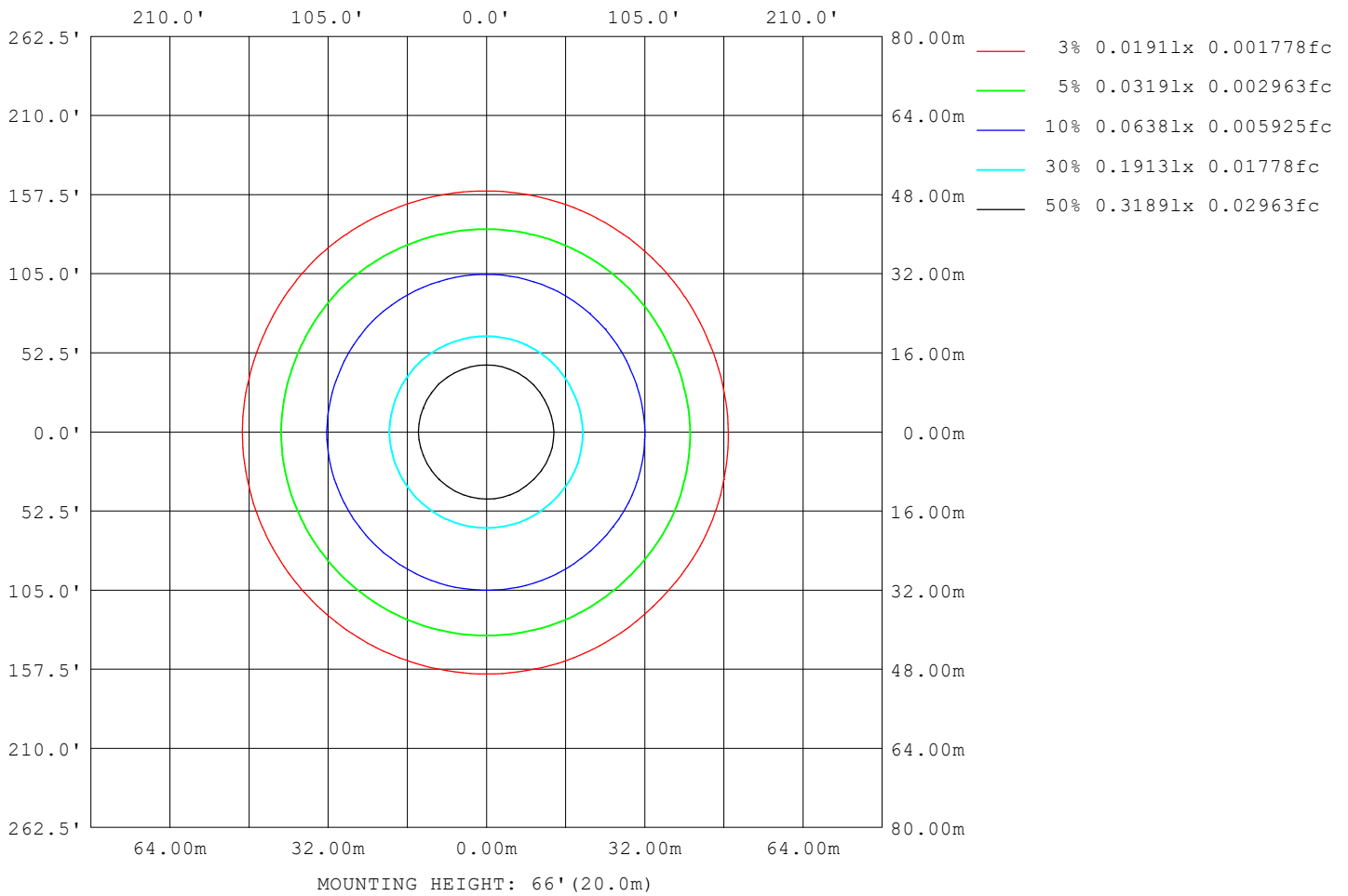
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2022-12-26

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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 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:2022-12-26

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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

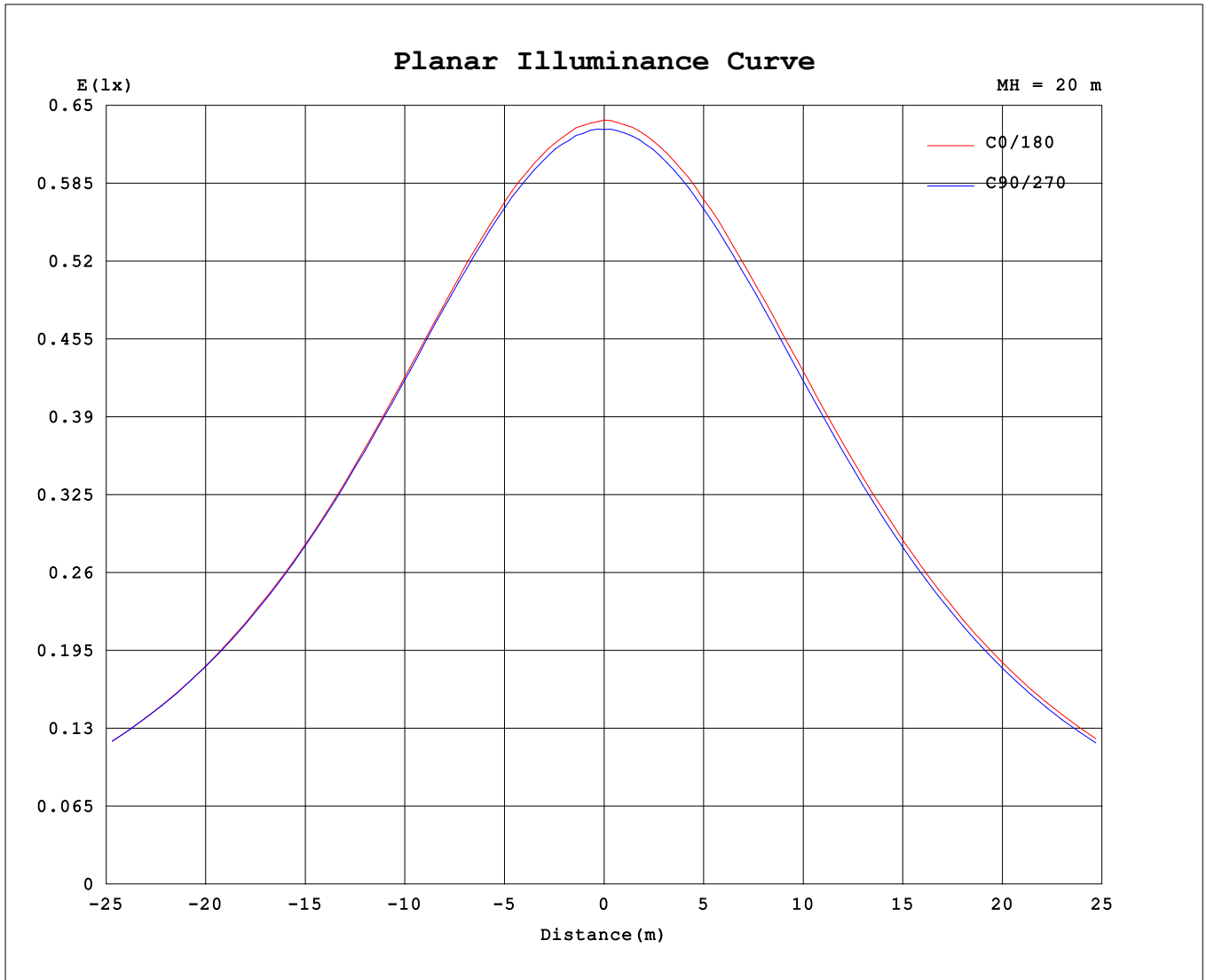
AvgL	cd/m2
L_0~180 (65) av	3199
L_0~180 (75) av	4074
L_0~180 (85) av	4318
L_90~270 (65) av	3182
L_90~270 (75) av	4007
L_90~270 (85) av	2783
L_45 (65) av	3190
L_45 (75) av	4040
L_45 (85) av	3573

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2022-12-26

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: 2022-12-26

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:119.84V I:0.1170A P:13.811W PF:0.9853 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:975.445x1 lm		
NAME: DS-LED-6-S15W-5CCTWH	TYPE:	WEIGHT:
SPEC.: 2700K 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	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252			
5	251	252	251	252	252	252	252	252	252	252	252	252	252	252	252	252			
10	249	250	249	250	250	250	250	250	250	250	250	250	250	250	250	249			
15	246	247	246	247	247	247	247	248	248	247	248	247	247	247	247	246			
20	242	243	242	243	243	243	243	244	243	243	244	243	243	243	242	241			
25	236	238	236	238	238	238	238	239	239	238	238	237	237	237	237	236			
30	230	231	230	232	232	232	232	233	232	232	232	231	231	231	231	229			
35	222	224	223	224	224	225	225	226	225	224	225	223	223	223	223	222			
40	214	216	214	216	216	216	217	218	217	216	217	215	215	214	215	214			
45	204	206	204	206	206	206	207	208	207	206	207	205	205	205	204	204			
50	192	194	192	194	194	194	196	197	195	194	195	192	192	192	192	191			
55	179	181	179	181	181	181	182	183	182	180	181	179	178	178	178	178			
60	164	166	164	166	166	166	167	169	167	166	167	164	164	163	163	162			
65	148	150	148	150	150	151	152	153	152	151	151	149	148	148	148	147			
70	132	134	132	134	134	135	136	138	136	135	136	133	132	132	132	131			
75	115	116	114	116	116	117	119	121	119	117	118	114	114	115	115	114			
80	91.9	91.8	86.2	88.9	90.1	91.8	96.2	98.6	96.2	92.0	91.5	87.3	87.9	90.8	91.0	90.3			
85	39.4	34.6	21.4	24.4	29.3	32.5	46.9	54.6	44.3	33.1	30.9	20.7	24.6	34.3	39.2	40.1			
90	0.91	0.84	0.79	0.78	0.80	0.82	0.96	1.26	0.59	0.50	0.47	0.48	0.49	0.51	0.59	0.59			

C Range: 0 - 360DEG      γ Range: 0 - 90DEG  
 C Interval: 22.5DEG      γ Interval: 1.0DEG  
 Test Speed: HIGH      Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Temperature:25.3℃      Humidity:65.0%  
 Operators:      Test Distance:3.090m [K=1.0000]  
 Test Date:2022-12-26      Remarks: