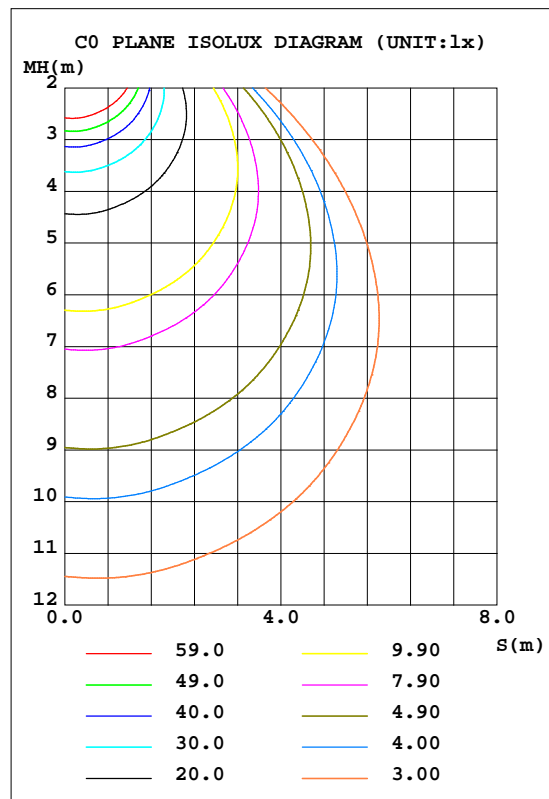
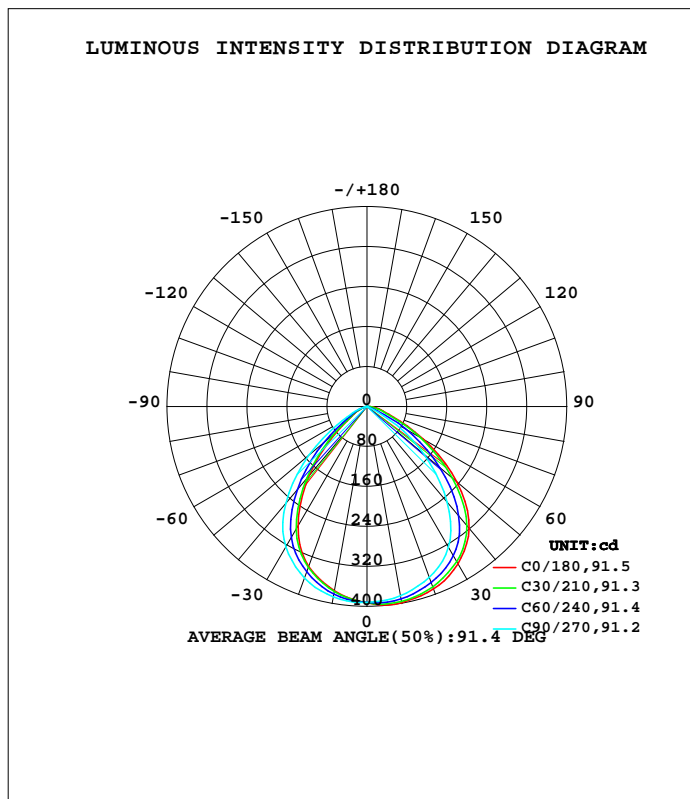


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.92 lm/W
MODEL	1868BL-0006	I <sub>max</sub> (cd)	399.4	S/MH(C0/180)	1.09	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.23	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	789.75	h UP, DN(C0-180)	0.0,50.3	
NOMINAL FLUX(lm)	789.748	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,49.7	
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		h down(%)	100.0	CIBSE SHR MAX	1.30	



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

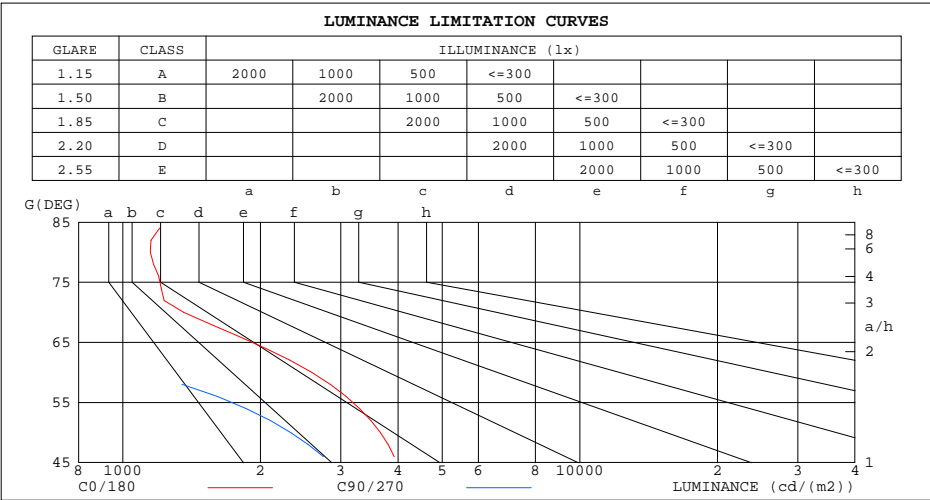
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	398.7	393.8	384.7	376.2	374.6	378.5	386.8	394.7	0- 10	37.16	37.16	4.7,4.7
20	388.8	380.0	363.8	347.4	340.8	346.8	365.6	382.9	10- 20	106.3	143.5	18.2,18.2
30	363.6	352.9	325.7	290.7	276.4	293.0	324.5	351.9	20- 30	159.3	302.8	38.3,38.3
40	318.4	300.5	249.5	198.7	179.4	200.3	252.6	300.6	30- 40	180.3	483.1	61.2,61.2
50	235.4	209.0	149.9	98.46	78.93	99.74	151.2	210.9	40- 50	156.1	639.3	80.9,80.9
60	129.6	107.2	39.45	34.80	30.82	35.06	56.97	106.9	50- 60	96.72	736.0	93.2,93.2
70	46.44	25.89	0.8098	6.232	10.63	13.93	17.75	36.39	60- 70	39.97	775.9	98.3,98.3
80	19.95	0.7496	0.2801	0.5687	0.7431	1.412	1.409	8.023	70- 80	11.06	787.0	99.7,99.7
90	1.188	0.3799	0.2508	0.5422	0.6565	1.143	1.114	0.9184	80- 90	2.747	789.7	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: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

g Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

LUMINANCE LIMITATION CURVES

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



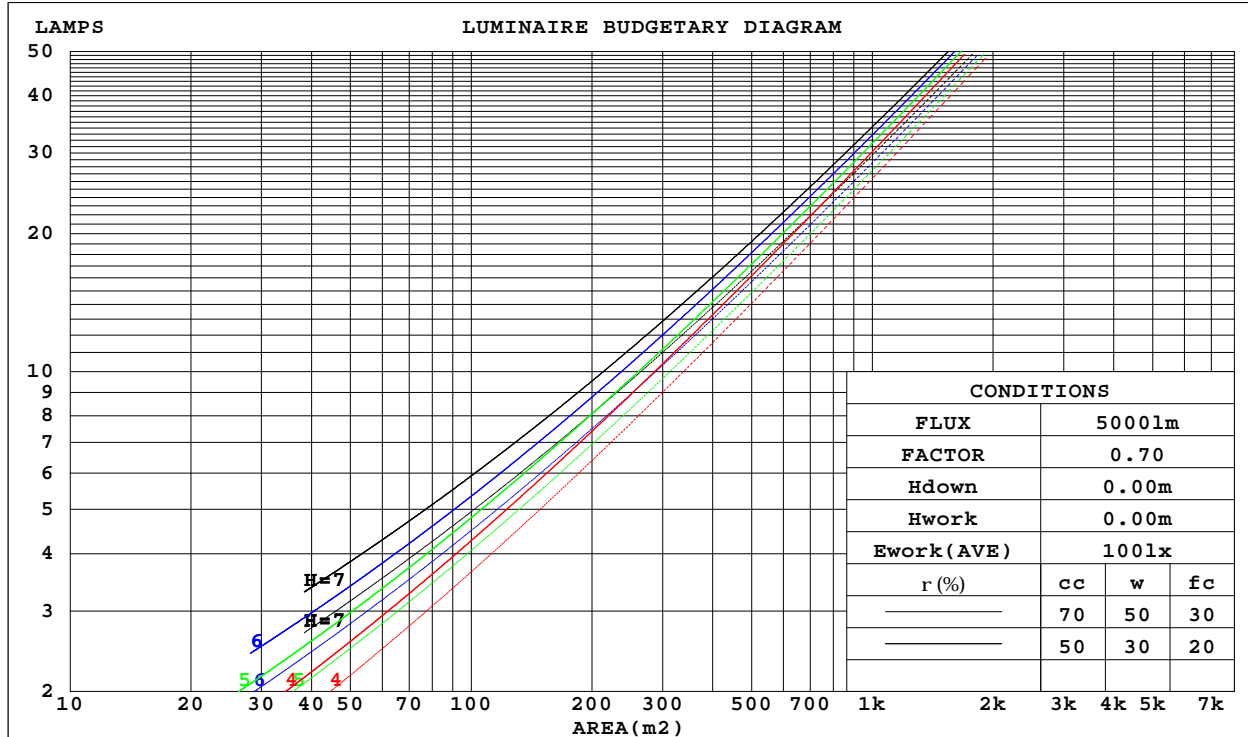
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

G Range: 0 - 90DEG  
 G Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	20%			20%			20%			20%			20%			0
R <sub>CR</sub>	R <sub>CR</sub> :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	.00
1.0	1.08	1.04	1.01	1.05	1.02	.00	1.01	.99	.97	.97	.95	.94	.94	.92	.91	.89
2.0	.97	.91	.87	.95	.90	.85	.91	.87	.84	.88	.85	.82	.85	.82	.80	.78
3.0	.87	.80	.75	.85	.79	.74	.83	.77	.73	.80	.75	.72	.77	.74	.70	.69
4.0	.78	.71	.65	.77	.70	.65	.75	.69	.64	.73	.67	.63	.71	.66	.62	.60
5.0	.71	.63	.58	.70	.63	.57	.68	.62	.57	.66	.61	.56	.64	.59	.56	.54
6.0	.65	.57	.51	.64	.56	.51	.62	.55	.51	.61	.55	.50	.59	.54	.50	.48
7.0	.59	.51	.46	.58	.51	.46	.57	.50	.45	.56	.50	.45	.54	.49	.45	.43
8.0	.54	.47	.41	.54	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.41	.39
9.0	.50	.43	.38	.50	.42	.38	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35
10.0	.47	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

WEC AND CCEC

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.239	.136	.043	.232	.132	.042	.219	.126	.040	.207	.119	.038	.196	.114	.037	
2.0	.233	.128	.039	.227	.125	.038	.216	.120	.037	.205	.115	.036	.196	.111	.035	
3.0	.222	.118	.035	.217	.116	.035	.207	.112	.034	.198	.108	.033	.190	.105	.032	
4.0	.210	.109	.032	.205	.108	.032	.197	.104	.031	.189	.101	.031	.181	.099	.030	
5.0	.198	.101	.029	.194	.100	.029	.187	.097	.029	.180	.095	.028	.173	.092	.028	
6.0	.187	.094	.027	.184	.093	.027	.177	.091	.026	.170	.089	.026	.164	.087	.026	
7.0	.177	.087	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024	.156	.081	.024	
8.0	.167	.082	.023	.164	.081	.023	.159	.079	.023	.154	.078	.022	.149	.076	.022	
9.0	.158	.077	.021	.156	.076	.021	.151	.075	.021	.146	.073	.021	.142	.072	.021	
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.020	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.175	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.164	.132	.105	.141	.114	.091	.096	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.155	.114	.081	.133	.098	.070	.091	.068	.049	.053	.040	.029	.017	.013	.010	
4.0	.147	.100	.064	.126	.087	.056	.087	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.140	.089	.052	.120	.077	.045	.083	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.115	.070	.037	.079	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.036	.109	.064	.032	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.055	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

g Range: 0 - 90DEG  
 g Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

UGR(Unified Glare Rating) Table

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm										
NAME: D-light outdoor 10W AC LED					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: CG LIGHTING					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	18.2	19.5	18.5	19.7	19.9	15.9	17.2	16.1	17.4	17.6
3H	18.7	19.9	18.9	20.1	20.3	15.7	16.9	16.0	17.1	17.3
4H	18.8	19.9	19.1	20.2	20.4	15.6	16.7	15.9	17.0	17.2
6H	18.9	20.0	19.2	20.2	20.5	15.5	16.5	15.8	16.8	17.1
8H	19.0	20.0	19.3	20.3	20.5	15.4	16.5	15.8	16.7	17.0
12H	19.0	20.0	19.4	20.3	20.6	15.4	16.4	15.7	16.6	16.9
4H 2H	18.3	19.4	18.6	19.7	19.9	16.3	17.4	16.6	17.6	17.9
3H	18.8	19.8	19.2	20.1	20.4	16.1	17.1	16.4	17.3	17.6
4H	19.1	19.9	19.4	20.2	20.6	16.0	16.9	16.3	17.2	17.5
6H	19.3	20.1	19.7	20.4	20.8	15.9	16.7	16.3	17.0	17.4
8H	19.4	20.1	19.8	20.5	20.8	15.8	16.6	16.3	16.9	17.3
12H	19.5	20.1	19.9	20.5	20.9	15.8	16.5	16.2	16.8	17.2
8H 4H	18.9	19.7	19.3	20.0	20.4	15.9	16.7	16.3	17.0	17.4
6H	19.2	19.8	19.7	20.2	20.6	15.9	16.4	16.3	16.8	17.3
8H	19.4	19.9	19.8	20.3	20.8	15.8	16.3	16.3	16.7	17.2
12H	19.6	20.0	20.0	20.4	20.9	15.8	16.2	16.2	16.6	17.1
12H 4H	18.9	19.5	19.3	19.9	20.3	15.9	16.6	16.3	17.0	17.4
6H	19.2	19.7	19.6	20.1	20.6	15.8	16.3	16.3	16.8	17.2
8H	19.3	19.8	19.8	20.2	20.7	15.8	16.2	16.3	16.7	17.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.9 / - 1.1				
1.5H	+ 0.4 / - 0.5					+ 0.6 / - 1.0				
2.0H	+ 1.1 / - 1.2					+ 1.7 / - 5.4				

CIE Pub.117, 789.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.8)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

g Range: 0 - 90DEG  
 g Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

UTILIZATION FACTORS TABLE

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

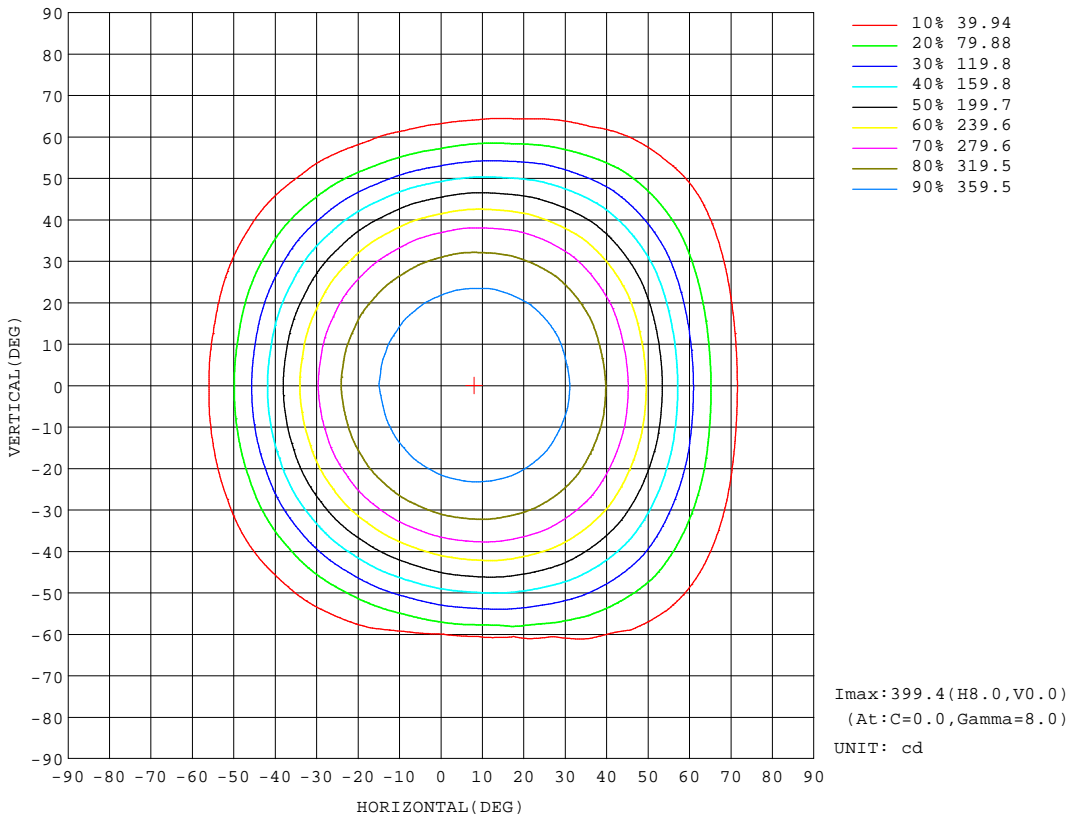
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	67	57	51	66	57	51	65	56	50	45
0.80	77	67	61	76	67	61	74	66	61	55
1.00	85	76	70	84	76	70	82	76	70	64
1.25	92	83	78	90	83	77	88	81	77	71
1.50	96	88	83	94	87	82	92	86	81	75
2.00	101	95	90	100	94	89	97	92	88	81
2.50	104	98	94	102	97	93	99	95	91	84
3.00	107	102	98	105	100	96	101	97	94	87
4.00	110	105	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	103	105	102	100	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

g Range: 0 - 90DEG  
 g Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

ISOCANDELA DIAGRAM

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



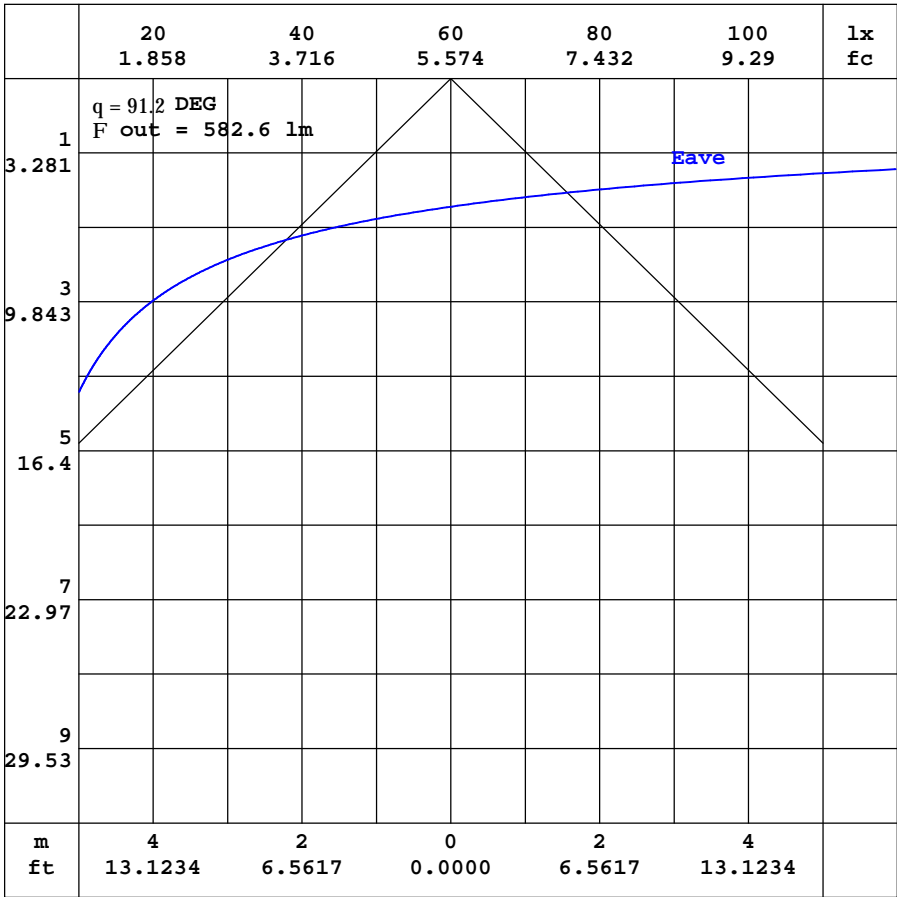
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LQL  
 Test Date: 08 December 2022

Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity: 65.0%  
 Test Distance: 10.365m [K=1.0000]  
 Remarks: AC 10W LED



AAI CURVES

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



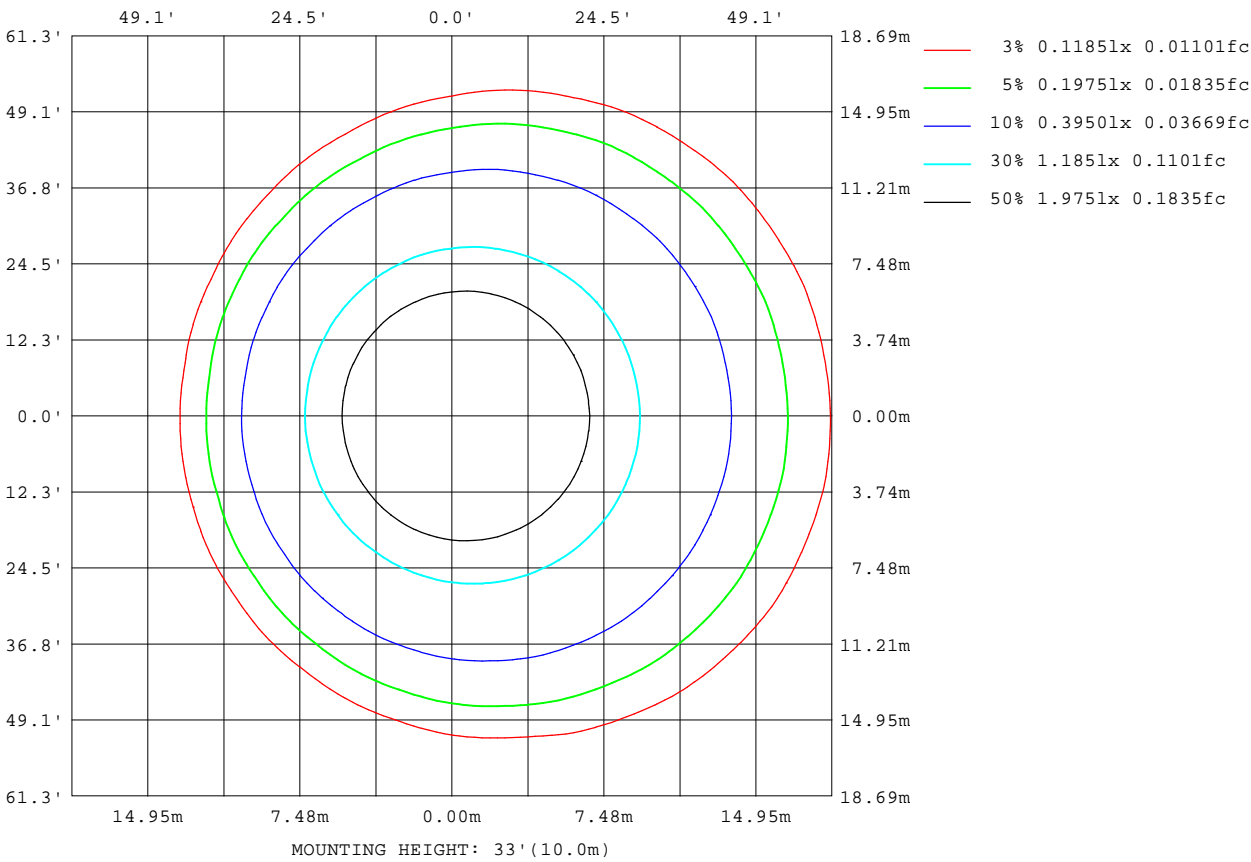
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

**ISOLUX DIAGRAM**

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LQL  
 Test Date: 08 December 2022

Page Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity: 65.0%  
 Test Distance: 10.365m [K=1.0000]  
 Remarks: AC 10W LED

LED Avg.L Report

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

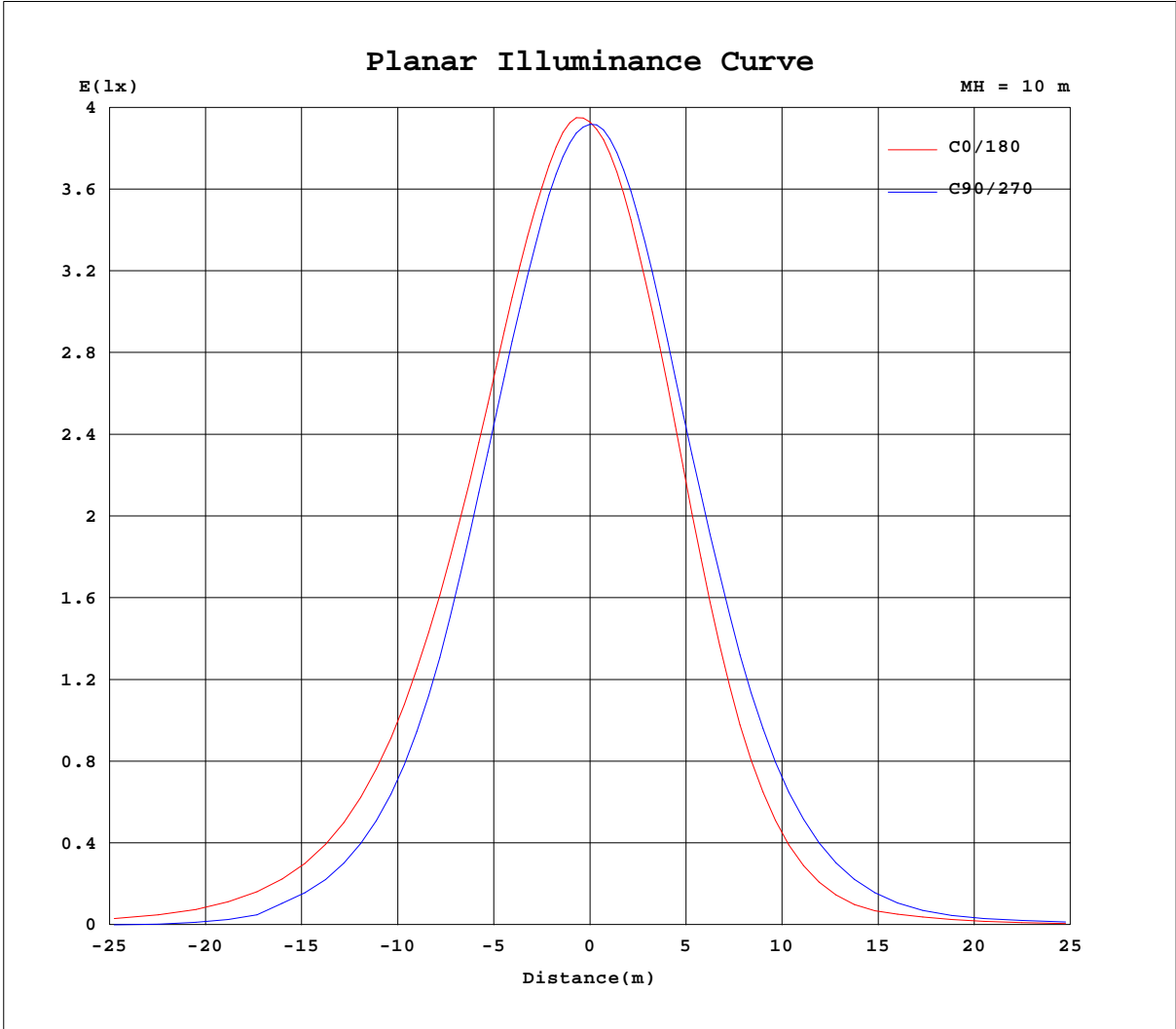
AvgL	cd/m2
L_0~180(65)av	1192
L_0~180(75)av	681
L_0~180(85)av	655
L_90~270(65)av	526
L_90~270(75)av	63
L_90~270(85)av	92
L_45(65)av	1016
L_45(75)av	321
L_45(85)av	149

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

g Range: 0 - 90DEG  
 g Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LQL  
Test Date: 08 December 2022

Page Range: 0 - 90DEG  
Page Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
Humidity: 65.0%  
Test Distance: 10.365m [K=1.0000]  
Remarks: AC 10W LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

Table--1																	UNIT: cd			
C(DEC)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
g (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
0	393	393	393	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392	393	
5	398	398	397	397	396	395	394	392	391	390	389	389	388	387	386	386	386	386	387	
10	399	398	397	396	395	393	391	389	387	385	382	380	379	377	375	375	374	374	375	
15	395	395	394	393	391	389	386	384	381	378	375	372	369	367	365	363	362	362	363	
20	389	388	386	384	382	378	375	371	367	364	360	356	352	349	346	344	341	340	341	
25	381	380	378	375	372	369	365	361	357	352	346	342	336	332	327	324	321	320	320	
30	364	363	360	358	355	351	346	340	333	326	317	310	301	294	287	282	278	276	276	
35	349	348	346	343	339	334	327	319	310	300	289	279	269	261	252	247	242	240	240	
40	318	318	315	311	304	297	286	275	262	250	235	224	212	203	194	188	182	180	179	
45	290	290	285	280	272	263	251	240	225	211	196	184	172	163	153	147	140	138	137	
50	235	235	229	223	213	205	191	179	163	150	136	125	112	103	93.7	88.0	82.1	80.0	78.9	
55	194	193	187	182	172	163	149	136	121	110	96.2	86.3	75.2	68.1	60.5	56.5	52.1	50.6	49.5	
60	130	130	125	121	112	103	89.1	77.5	48.6	39.5	36.7	39.8	36.9	35.6	34.0	33.0	31.6	31.2	30.8	
65	90.1	91.3	87.2	83.7	74.5	66.2	39.3	26.0	18.0	15.0	13.4	16.4	20.1	26.2	25.2	24.3	22.8	22.2	21.6	
70	46.4	46.0	43.3	40.5	34.6	17.2	4.93	1.80	1.05	0.81	0.80	0.87	1.28	3.65	8.82	12.4	11.7	11.1	10.6	
75	33.4	33.4	32.2	29.9	11.2	1.94	0.71	0.43	0.40	0.35	0.37	0.36	0.41	0.49	2.11	6.08	5.75	5.41	5.10	
80	19.9	19.9	18.6	13.1	1.14	0.36	0.35	0.34	0.36	0.28	0.35	0.31	0.38	0.38	0.75	1.30	1.16	0.93	0.74	
85	12.6	12.6	11.9	8.30	0.89	0.35	0.31	0.19	0.19	0.19	0.20	0.23	0.28	0.40	0.46	0.46	0.38	0.41	0.48	
90	1.19	4.14	0.60	0.37	0.39	0.37	0.26	0.25	0.24	0.25	0.26	0.35	0.36	0.49	0.60	0.59	0.61	0.60	0.66	

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

g Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED

### LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.63V I:0.0456A P:10.267W PF:0.9763 Freq:49.99Hz Lamp Flux:789.748x1 lm		
NAME: D-light outdoor 10W AC LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: CG LIGHTING	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	393	393	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392		
5	387	387	388	388	389	390	390	391	392	393	394	394	395	395	396	396	396		
10	375	376	376	378	379	381	383	385	387	389	391	393	394	395	396	397	397		
15	362	364	365	367	369	372	375	378	380	384	386	389	390	392	393	394	394		
20	340	342	343	346	348	352	356	361	366	370	374	378	381	384	386	387	388		
25	320	322	324	328	331	336	340	346	351	357	362	368	371	375	378	380	380		
30	276	280	284	290	296	303	310	318	325	332	338	344	349	355	358	361	362		
35	240	244	248	256	263	273	282	292	301	310	317	326	331	337	341	345	346		
40	179	184	188	196	204	217	228	242	253	266	277	288	296	305	309	314	316		
45	137	142	146	156	163	176	187	202	214	229	241	254	264	274	280	286	287		
50	79.1	83.8	88.0	96.2	103	114	124	139	151	167	179	194	205	217	224	231	233		
55	49.3	52.1	54.8	60.9	67.0	76.5	85.2	97.7	110	125	138	152	163	175	182	190	192		
60	30.7	31.8	32.6	34.3	35.8	38.3	41.6	49.1	57.0	68.7	78.8	92.2	102	112	118	126	127		
65	21.5	22.2	22.9	24.8	26.5	29.2	31.5	34.4	36.8	41.4	47.6	57.3	65.8	74.8	80.2	86.0	87.9		
70	10.7	11.4	12.1	13.4	14.5	15.8	16.5	17.5	17.8	20.7	26.5	32.5	35.1	37.7	40.2	43.7	45.4		
75	5.12	5.67	6.15	6.98	6.02	4.20	3.72	4.27	4.37	5.53	9.47	18.4	25.4	28.8	30.8	32.4	33.0		
80	0.82	1.24	1.59	1.60	1.23	1.20	1.31	1.31	1.41	1.34	1.45	1.57	3.07	13.0	17.3	17.9	19.6		
85	0.60	0.77	0.89	1.08	1.17	1.20	1.31	1.31	1.40	1.33	1.36	1.29	1.61	6.58	10.3	2.13	11.9		
90	0.79	0.94	1.04	1.11	1.18	1.12	1.08	1.06	1.11	1.11	1.19	1.19	1.08	0.76	0.82	0.74	3.30		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LQL  
 Test Date:08 December 2022

g Range: 0 - 90DEG  
 Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.403  
 Humidity:65.0%  
 Test Distance:10.365m [K=1.0000]  
 Remarks: AC 10W LED