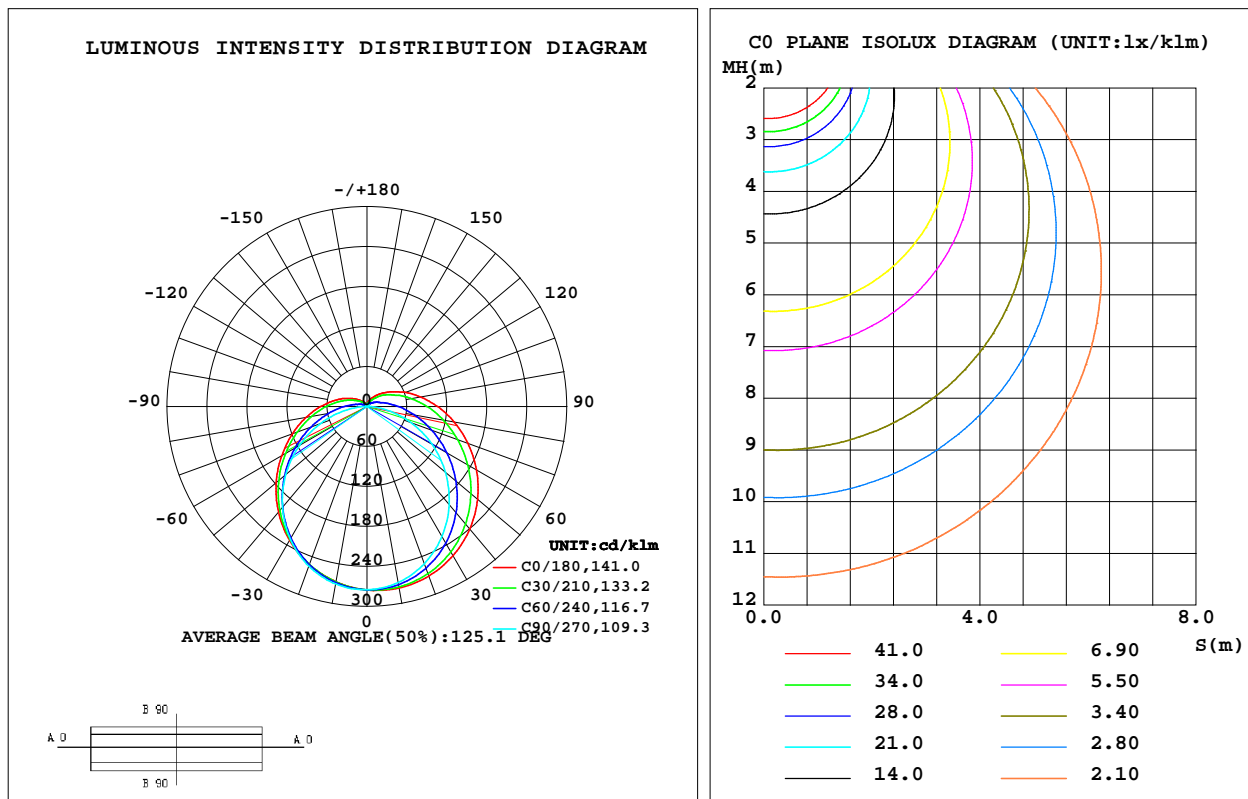


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.17 lm/W			
MODEL		I _{max} (cd/klm)	277.2	S/MH(C0/180)	1.26
NOMINAL POWER(W)	18	LOR(%)	107.7	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)	1076.5	h UP,DN(C0-180)	7.2,47.7
NOMINAL FLUX(lm)	2175.9	CIE CLASS	SEMI-D.	h UP,DN(C180-360)	6.1,46.7
LAMPS INSIDE	1	h up(%)	13.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	h down(%)	94.4	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-17

q Range: 0 - 180DEG
q Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	276.7	273.3	268.5	266.7	267.2	267.9	270.5	275.3	0- 10	26.06	26.06	2.42,2.61
20	270.9	262.8	251.4	249.6	252.7	252.5	255.2	266.0	10- 20	74.88	100.9	9.38,10.1
30	258.5	244.3	225.2	225.3	232.2	229.3	230.2	248.3	20- 30	114.4	215.3	20,21.5
40	240.2	219.0	191.9	195.4	206.8	200.2	197.4	223.4	30- 40	140.1	355.4	33,35.5
50	216.8	189.1	153.8	162.3	178.0	167.3	159.2	193.2	40- 50	149.7	505.1	46.9,50.5
60	189.7	156.5	112.6	128.0	147.9	133.0	117.3	159.9	50- 60	143.8	648.9	60.3,64.9
70	161.1	123.9	69.67	95.34	118.7	99.79	73.46	126.2	60- 70	125.2	774.1	71.9,77.4
80	132.6	93.90	28.95	66.98	92.37	70.81	30.85	94.79	70- 80	98.75	872.9	81.1,87.3
90	106.1	68.77	1.614	44.83	69.76	47.79	1.760	68.72	80- 90	70.89	943.7	87.7,94.4
100	82.56	49.39	0.7507	29.04	51.13	31.05	0.6531	47.77	90-100	48.99	992.7	92.2,99.3
110	62.39	34.55	1.137	17.83	36.05	19.08	1.020	33.10	100-110	33.15	1026	95.3,103
120	44.98	24.26	1.535	11.63	23.95	12.29	1.426	23.36	110-120	21.39	1047	97.3,105
130	31.94	16.20	1.948	7.688	15.61	7.933	1.813	16.20	120-130	13.52	1061	98.5,106
140	21.94	10.58	2.259	5.039	9.459	5.110	2.144	10.02	130-140	7.829	1069	99.3,107
150	14.61	6.941	2.600	3.622	5.527	3.534	2.474	6.774	140-150	4.273	1073	99.7,107
160	9.226	5.111	2.855	2.981	3.192	2.883	2.734	4.881	150-160	2.245	1075	99.9,108
170	3.835	3.681	3.001	3.053	2.956	3.024	2.953	3.689	160-170	1.070	1076	100,108
180	3.062	3.076	3.090	3.088	3.064	3.077	3.091	3.090	170-180	0.3034	1077	100,108
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

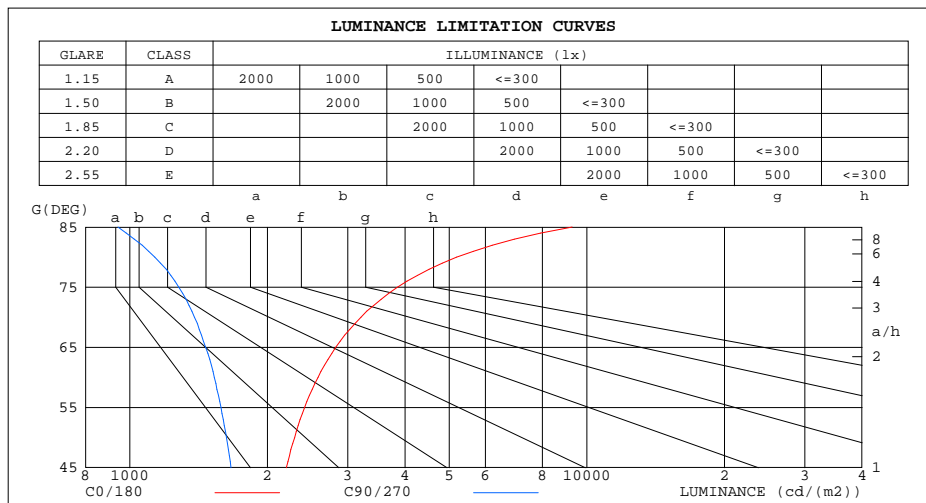
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	9286	942
80	5191	1133
75	3852	1280
70	3203	1385
65	2823	1466
60	2580	1531
55	2413	1584
50	2293	1627
45	2202	1666

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-17

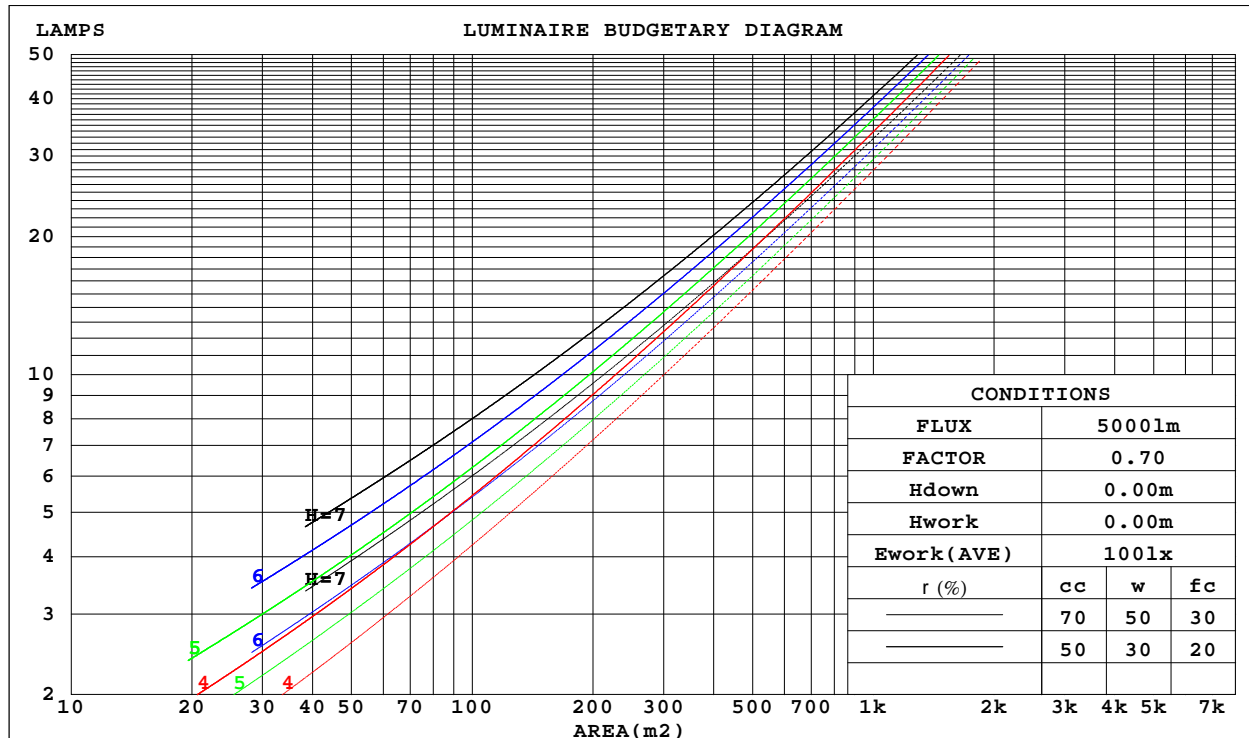
g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.25	1.25	1.25	1.21	1.21	1.21	1.12	1.12	1.12	1.05	1.05	1.05	.98	.98	.98	.94
1.0	1.05	.90	.95	1.01	.96	.92	.94	.90	.86	.88	.84	.81	.82	.79	.77	.73
2.0	.90	.82	.75	.87	.79	.73	.81	.75	.69	.75	.70	.66	.70	.66	.62	.59
3.0	.79	.69	.61	.76	.67	.60	.71	.63	.57	.66	.60	.54	.61	.56	.52	.49
4.0	.69	.59	.51	.67	.57	.50	.62	.54	.48	.58	.51	.46	.54	.49	.44	.41
5.0	.61	.51	.44	.59	.50	.43	.56	.47	.41	.52	.45	.40	.49	.43	.38	.35
6.0	.55	.45	.38	.53	.44	.37	.50	.42	.36	.47	.40	.34	.44	.38	.33	.31
7.0	.50	.40	.33	.48	.39	.33	.45	.37	.31	.43	.36	.30	.40	.34	.29	.27
8.0	.45	.36	.29	.44	.35	.29	.41	.34	.28	.39	.32	.27	.37	.31	.26	.24
9.0	.41	.32	.26	.40	.32	.26	.38	.30	.25	.36	.29	.24	.34	.28	.23	.21
10.0	.38	.30	.24	.37	.29	.23	.35	.28	.23	.33	.27	.22	.32	.26	.21	.19



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.401	.228	.072	.389	.222	.071	.367	.211	.067	.347	.200	.064	.328	.190	.061	
2.0	.351	.193	.059	.341	.188	.058	.321	.178	.055	.303	.170	.053	.286	.162	.051	
3.0	.314	.167	.050	.305	.163	.049	.287	.155	.047	.270	.148	.045	.255	.141	.044	
4.0	.284	.148	.043	.275	.144	.043	.259	.138	.041	.244	.131	.040	.230	.125	.038	
5.0	.259	.132	.038	.251	.129	.038	.237	.123	.036	.223	.118	.035	.210	.112	.034	
6.0	.238	.119	.034	.231	.117	.034	.217	.111	.032	.205	.107	.031	.194	.102	.030	
7.0	.220	.109	.031	.213	.106	.030	.201	.102	.029	.190	.097	.028	.179	.093	.027	
8.0	.204	.100	.028	.198	.098	.028	.187	.093	.027	.177	.090	.026	.167	.086	.025	
9.0	.190	.092	.026	.185	.090	.025	.175	.086	.025	.165	.083	.024	.156	.079	.023	
10.0	.178	.085	.024	.173	.084	.023	.164	.080	.023	.155	.077	.022	.147	.074	.021	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.306	.306	.306	.262	.262	.262	.179	.179	.179	.103	.103	.103	.033	.033	.033	
1.0	.301	.269	.241	.257	.231	.208	.176	.159	.144	.101	.092	.084	.032	.030	.027	
2.0	.293	.244	.204	.251	.210	.176	.172	.146	.123	.099	.085	.072	.032	.027	.023	
3.0	.285	.226	.180	.244	.195	.156	.168	.136	.109	.097	.079	.064	.031	.026	.021	
4.0	.276	.213	.164	.237	.184	.143	.163	.128	.100	.094	.075	.059	.030	.024	.020	
5.0	.268	.202	.153	.230	.175	.133	.159	.122	.094	.092	.072	.056	.030	.023	.018	
6.0	.260	.193	.145	.224	.167	.127	.154	.117	.090	.089	.069	.053	.029	.023	.018	
7.0	.253	.186	.140	.217	.161	.122	.150	.113	.086	.087	.067	.051	.028	.022	.017	
8.0	.245	.180	.135	.211	.156	.118	.146	.110	.084	.085	.065	.050	.028	.021	.016	
9.0	.239	.175	.132	.206	.152	.115	.142	.107	.082	.083	.063	.049	.027	.021	.016	
10.0	.232	.170	.129	.200	.148	.113	.139	.104	.080	.081	.062	.048	.026	.020	.016	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: DURALED					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	15.7	17.2	16.2	17.6	18.0	13.7	15.1	14.1	15.5	16.0	
	3H	18.3	19.6	18.7	20.0	20.5	15.2	16.6	15.7	17.0	17.5
	4H	19.7	20.9	20.2	21.4	21.9	15.9	17.1	16.4	17.6	18.1
	6H	21.2	22.4	21.7	22.9	23.4	16.3	17.5	16.8	18.0	18.6
	8H	22.0	23.2	22.6	23.7	24.2	16.5	17.6	17.0	18.1	18.7
	12H	23.0	24.1	23.6	24.6	25.2	16.6	17.7	17.1	18.2	18.8
4H	2H	16.3	17.5	16.8	18.0	18.5	14.8	16.1	15.3	16.5	17.0
	3H	19.1	20.2	19.6	20.7	21.3	16.6	17.7	17.1	18.2	18.8
	4H	20.7	21.7	21.2	22.2	22.8	17.4	18.4	18.0	19.0	19.6
	6H	22.4	23.3	23.0	23.9	24.5	18.1	19.0	18.7	19.6	20.2
	8H	23.4	24.2	24.0	24.8	25.5	18.4	19.2	19.0	19.8	20.4
	12H	24.5	25.3	25.1	25.9	26.6	18.5	19.3	19.1	19.9	20.6
8H	4H	21.0	21.9	21.6	22.4	23.1	18.4	19.3	19.0	19.8	20.5
	6H	23.1	23.8	23.7	24.4	25.1	19.5	20.2	20.1	20.8	21.5
	8H	24.3	24.9	24.9	25.5	26.2	19.9	20.6	20.6	21.2	21.9
	12H	25.6	26.2	26.3	26.8	27.6	20.3	20.9	21.0	21.5	22.3
12H	4H	21.0	21.8	21.6	22.4	23.1	18.7	19.5	19.3	20.1	20.8
	6H	23.2	23.8	23.8	24.5	25.2	20.0	20.6	20.6	21.3	22.0
	8H	24.5	25.1	25.1	25.7	26.4	20.6	21.2	21.3	21.8	22.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 2176 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.7$)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	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	41	33	53	41	33	51	40	33	26
0.80	64	51	42	63	50	42	60	49	41	33
1.00	73	59	51	71	58	50	68	59	49	40
1.25	80	67	58	78	66	58	74	64	56	47
1.50	86	73	64	83	72	63	79	69	61	51
2.00	93	82	74	91	80	72	85	77	70	58
2.50	98	88	79	95	85	78	89	81	75	63
3.00	102	92	85	99	90	83	92	85	80	67
4.00	107	99	92	103	96	90	96	91	86	72
5.00	110	103	97	106	100	94	99	94	90	75
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

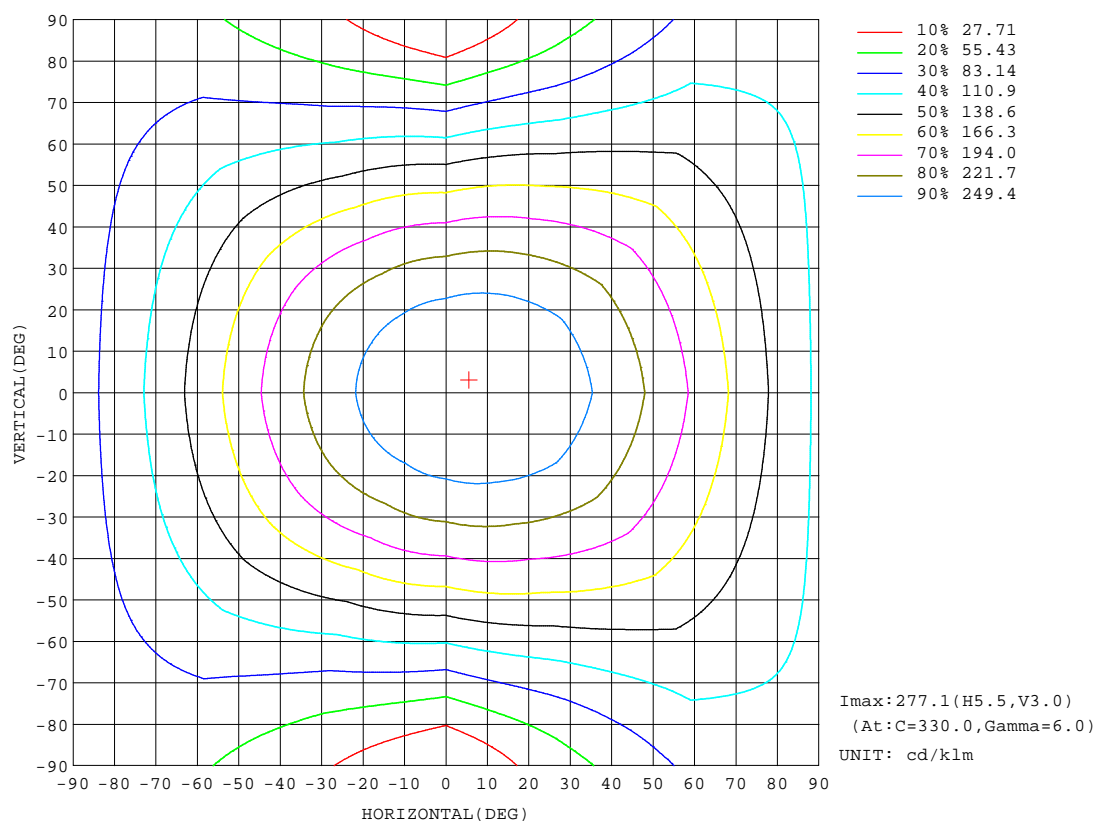
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-10-17

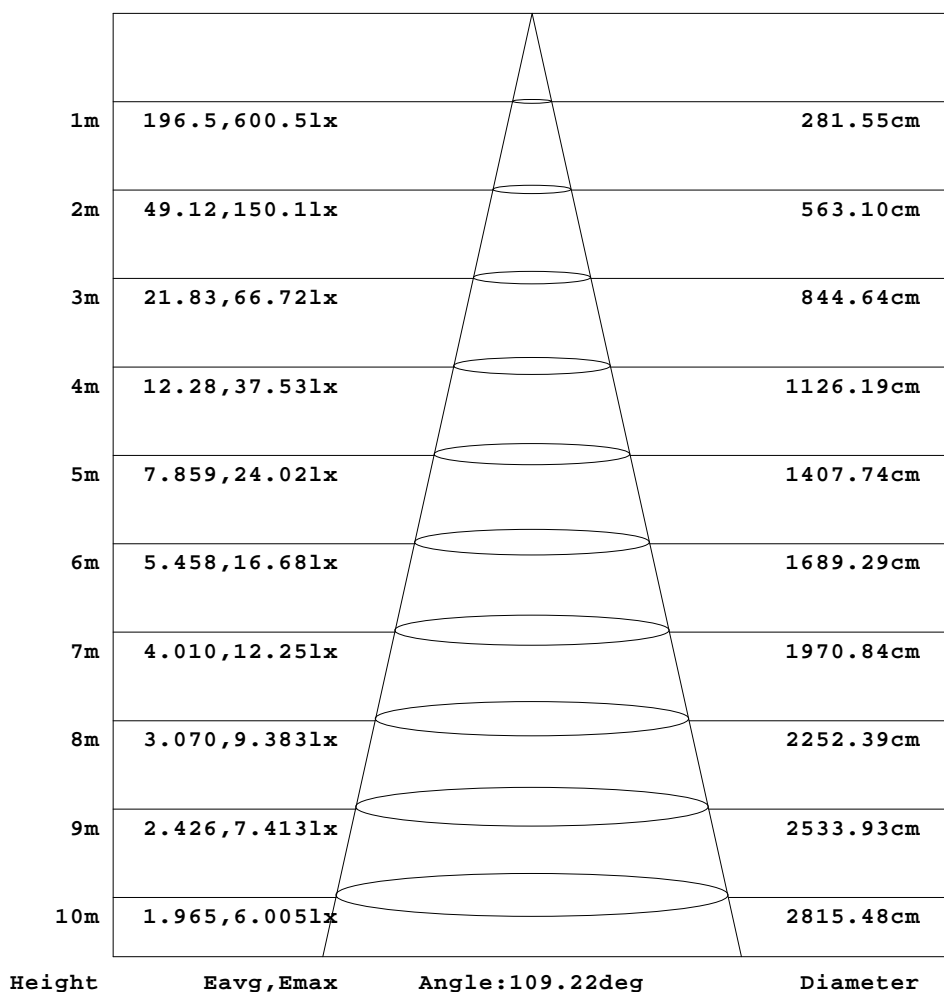
g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:

Flux out:1259 lm



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

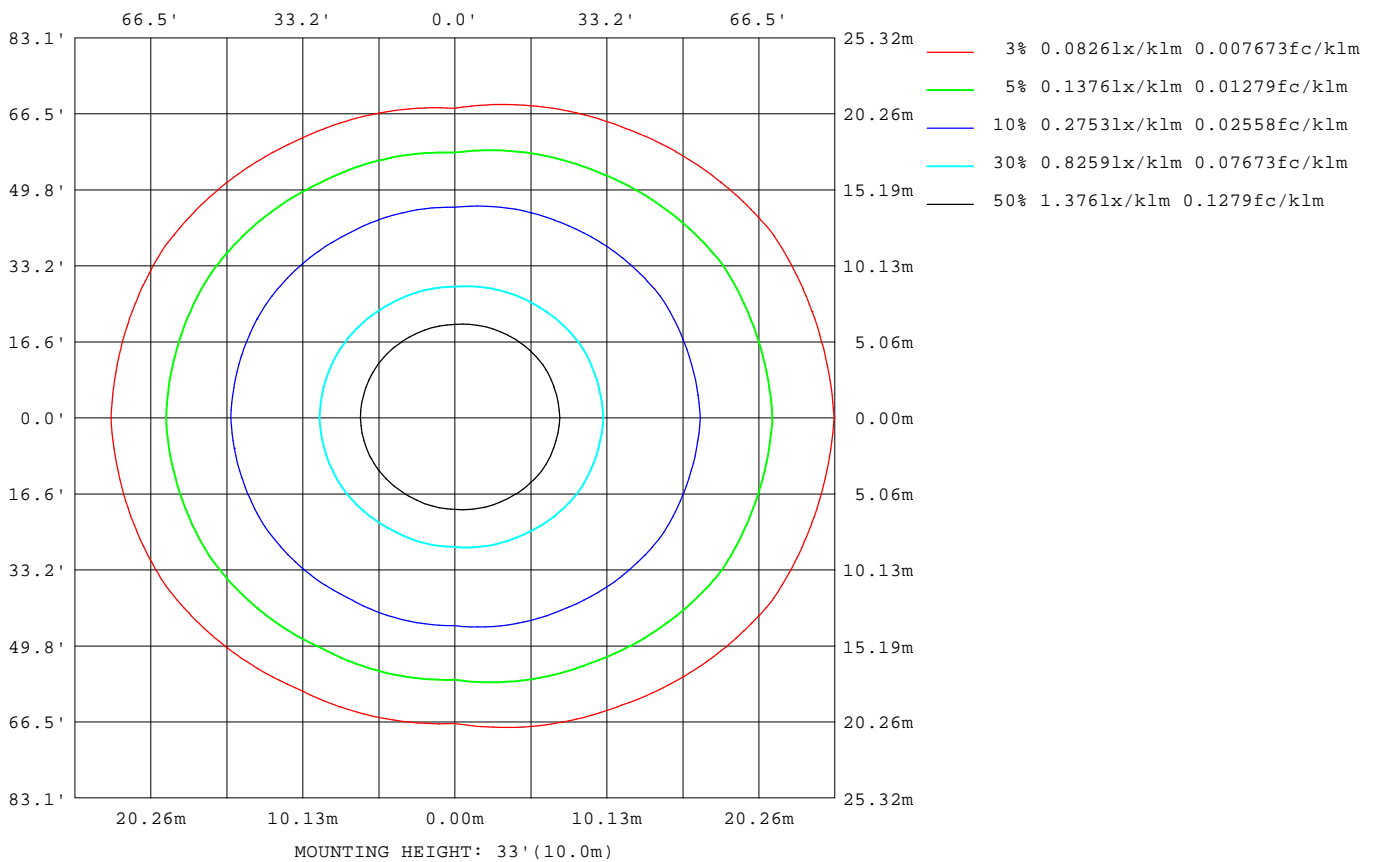
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-10-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Avg.L Report

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DURALED	SUR.:	Shielding Angle:

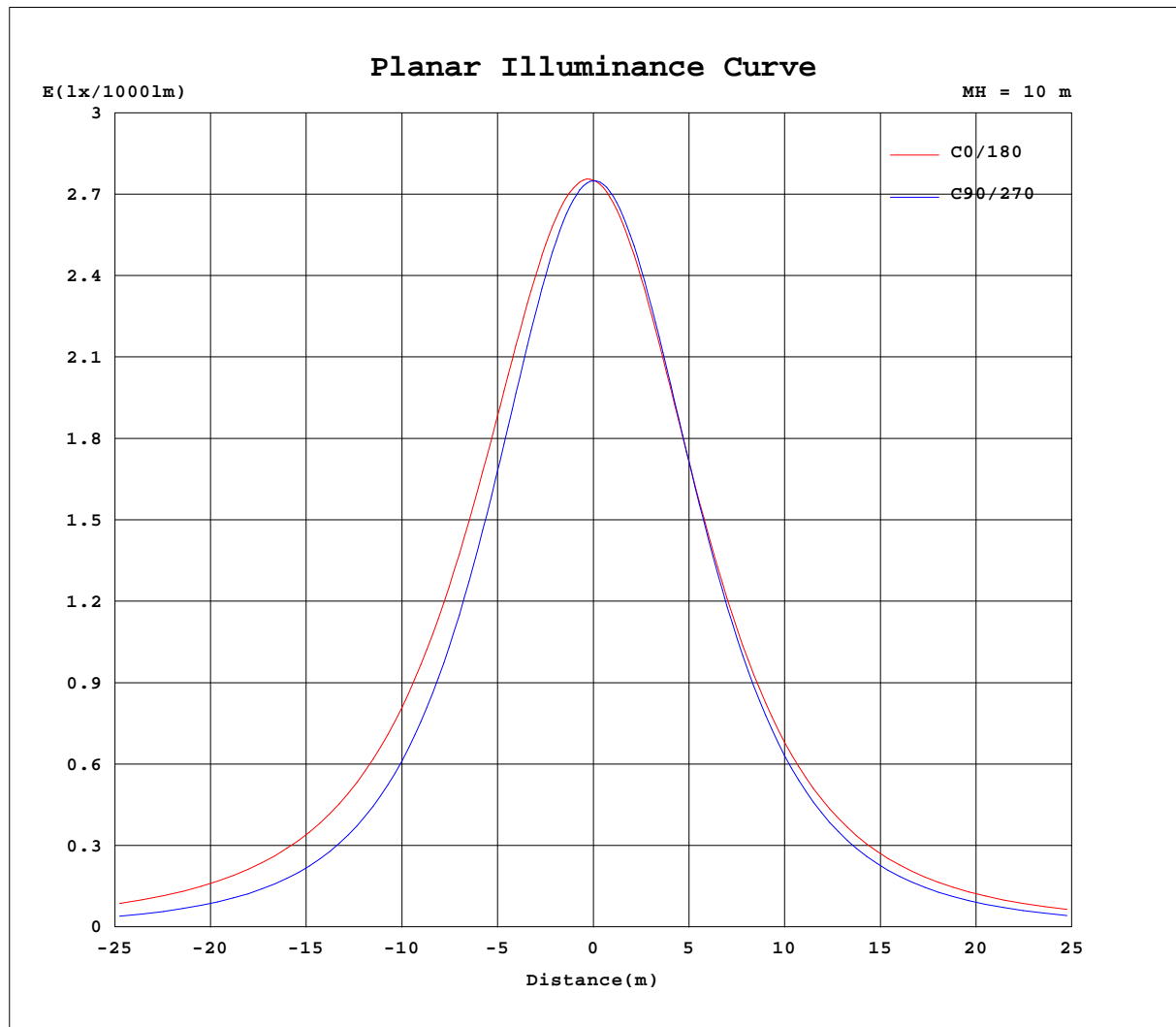
AvgL	cd/m2
L_0~180(65)av	2481
L_0~180(75)av	3308
L_0~180(85)av	7783
L_90~270(65)av	1501
L_90~270(75)av	1320
L_90~270(85)av	982
L_45(65)av	2061
L_45(75)av	2544
L_45(85)av	5496

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-10-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.23V I:0.1561A P:17.995W PF:0.9589 Freq:50.80Hz Lamp Flux:2175.9x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: DURALED									SUR.:						Shielding Angle:		

Table--1

UNIT: cd/klm

C(DEG) g (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	275	275	275	275	275	276	275	275	275	275	275	276						
5	277	276	274	273	272	272	272	272	273	274	276	277						
10	277	275	272	268	267	267	267	267	269	270	274	277						
15	275	272	266	261	259	259	261	261	262	264	269	274						
20	271	267	258	251	249	251	253	252	253	255	263	269						
25	266	260	249	239	236	240	243	242	241	244	253	263						
30	259	252	237	225	223	228	232	231	228	230	242	255						
35	250	242	223	209	207	215	220	218	213	215	229	245						
40	240	230	208	192	190	200	207	204	197	197	214	233						
45	229	217	192	173	173	185	193	189	180	179	197	220						
50	217	204	174	154	155	170	178	173	162	159	180	207						
55	204	189	157	134	136	154	163	157	143	139	162	192						
60	190	175	138	113	118	138	148	141	125	117	143	177						
65	175	159	121	91.1	100.0	123	133	126	107	95.5	125	161						
70	161	145	103	69.7	82.8	108	119	111	88.7	73.5	106	146						
75	147	130	86.8	48.7	66.9	94.1	105	96.9	72.4	51.8	88.7	131						
80	133	116	71.7	28.9	52.8	81.1	92.4	84.0	57.6	30.9	72.9	117						
85	119	103	58.5	12.1	40.8	69.5	80.5	72.1	44.9	13.1	58.9	103						
90	106	90.2	47.3	1.61	30.6	59.1	69.8	61.3	34.2	1.76	46.9	90.6						
95	93.9	78.9	38.0	0.57	22.6	49.7	60.0	51.7	25.6	0.47	36.2	78.5						
100	82.6	68.5	30.3	0.75	16.6	41.5	51.1	43.1	19.0	0.65	28.1	67.4						
105	72.0	59.1	22.7	0.96	11.3	34.3	43.3	35.5	13.2	0.84	21.1	57.8						
110	62.4	50.2	18.9	1.14	8.70	27.0	36.0	28.1	10.1	1.02	17.7	48.5						
115	52.5	41.8	16.1	1.33	6.79	21.8	29.2	22.8	7.81	1.23	13.8	40.7						
120	45.0	35.6	12.9	1.53	5.42	17.8	23.9	18.5	6.13	1.43	12.0	34.7						
125	38.0	30.1	10.6	1.75	4.51	14.4	19.5	14.8	4.93	1.63	9.89	29.4						
130	31.9	24.1	8.28	1.95	3.89	11.5	15.6	11.7	4.12	1.81	8.34	24.0						
135	26.6	18.7	7.48	2.12	3.37	9.04	12.3	9.18	3.55	1.98	7.11	18.3						
140	21.9	14.6	6.58	2.26	2.96	7.12	9.46	7.15	3.07	2.14	6.24	13.8						
145	18.0	11.4	5.85	2.45	2.69	5.66	7.23	5.63	2.68	2.30	5.51	10.9						
150	14.6	8.61	5.27	2.60	2.73	4.52	5.53	4.43	2.64	2.47	4.81	8.74						
155	11.7	7.27	5.00	2.74	2.82	3.60	4.20	3.50	2.69	2.60	4.52	6.98						
160	9.23	5.93	4.29	2.85	2.92	3.05	3.19	2.97	2.79	2.73	4.17	5.59						
165	7.12	4.92	4.03	2.95	3.00	3.02	2.90	2.96	2.90	2.85	3.96	4.77						
170	3.83	4.03	3.33	3.00	3.07	3.03	2.96	3.03	3.01	2.95	3.25	4.12						
175	3.26	3.29	3.07	3.06	3.09	3.11	3.02	3.10	3.05	3.05	3.06	3.17						
180	3.06	3.07	3.08	3.09	3.10	3.08	3.06	3.07	3.08	3.09	3.10	3.08						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	275.3	275.2	275.1	275.0	275.4	275.6	275.3	275.2	275.1	275.0
3.0	276.4	276.1	275.0	274.2	273.8	273.7	273.6	273.6	274.3	274.8
6.0	276.8	276.0	274.1	272.4	271.3	271.3	271.3	271.5	272.4	273.7
9.0	276.9	275.4	272.3	269.6	267.8	268.0	268.3	268.6	269.6	271.5
12.0	276.0	274.0	269.6	265.8	263.6	264.0	264.8	264.9	266.1	268.3
15.0	274.7	272.0	266.1	261.1	258.6	259.5	260.8	260.6	261.7	264.1
18.0	272.6	269.4	261.7	255.5	252.8	254.3	256.0	256.0	256.5	259.1
21.0	269.9	265.9	256.5	249.0	246.2	248.6	250.8	250.4	250.6	253.2
24.0	266.7	261.9	250.7	241.9	238.8	242.4	245.2	244.5	243.8	246.3
27.0	262.8	257.2	244.2	233.8	231.1	235.4	238.9	237.8	236.2	238.6
30.0	258.5	251.9	236.7	225.2	222.5	228.1	232.2	230.6	228.0	230.2
33.0	253.6	246.0	228.8	215.9	213.4	220.2	225.0	223.1	219.4	221.1
36.0	248.2	239.5	220.3	206.0	203.7	212.0	217.5	215.1	210.0	211.4
39.0	242.2	232.6	211.1	195.5	193.9	203.2	209.6	206.4	200.3	201.0
42.0	235.8	225.2	201.6	184.6	183.6	194.4	201.3	197.7	190.1	190.2
45.0	229.0	217.4	191.6	173.2	173.0	185.1	192.8	188.6	179.7	178.8
48.0	221.7	209.2	181.4	161.6	162.1	175.8	183.9	179.2	168.8	167.1
51.0	214.1	200.9	170.9	149.9	151.1	166.3	175.1	169.8	158.0	155.1
54.0	206.2	192.3	160.1	137.6	140.1	156.8	166.1	160.3	146.8	142.7
57.0	198.1	183.4	149.3	125.2	129.0	147.4	156.9	150.7	135.6	130.0
60.0	189.7	174.5	138.5	112.6	118.0	138.0	147.9	141.3	124.6	117.3
63.0	181.2	165.5	127.7	99.95	107.1	128.6	138.9	131.8	113.6	104.3
66.0	172.5	156.5	116.9	86.68	96.37	119.6	130.1	122.6	102.9	91.00
69.0	164.0	147.6	106.6	74.04	86.15	110.8	121.5	113.8	92.26	77.96
72.0	155.2	138.7	96.44	61.21	76.28	102.3	113.2	105.1	81.98	64.70
75.0	146.6	130.0	86.75	48.71	66.94	94.14	105.2	96.92	72.41	51.78
78.0	138.2	121.7	77.60	36.73	58.35	86.10	97.55	89.05	63.34	39.11
81.0	129.8	113.4	68.98	25.30	50.29	78.76	89.78	81.61	54.96	27.06
84.0	121.6	105.4	60.98	15.10	43.11	71.75	82.75	74.42	47.30	16.30
87.0	113.7	97.91	53.83	6.871	36.39	65.26	76.05	67.69	40.40	7.504
90.0	106.1	90.21	47.34	1.614	30.61	59.06	69.76	61.34	34.24	1.760
93.0	98.71	83.28	41.50	0.4724	25.59	53.28	63.72	55.33	28.79	0.4125
96.0	91.53	76.73	36.31	0.5866	21.28	47.96	58.07	49.89	24.12	0.5084
99.0	84.70	70.41	31.70	0.7183	17.64	42.97	52.82	44.75	20.16	0.5875
102.0	78.14	64.56	27.64	0.8472	14.07	38.45	47.85	39.79	16.43	0.7306
105.0	72.01	59.08	22.66	0.9567	11.32	34.27	43.25	35.52	13.17	0.8434
108.0	66.10	53.91	20.34	1.065	9.652	30.32	38.93	31.26	11.16	0.9609
111.0	60.57	47.97	18.32	1.172	8.282	25.56	34.26	26.87	9.554	1.065
114.0	54.27	43.16	16.73	1.290	7.162	22.69	30.39	23.77	8.216	1.185
117.0	49.47	39.28	14.78	1.408	6.155	20.13	27.03	20.96	7.078	1.304
120.0	44.98	35.63	12.89	1.535	5.420	17.83	23.95	18.46	6.128	1.426
123.0	40.64	32.26	11.37	1.665	4.835	15.73	21.19	16.21	5.356	1.549
126.0	36.72	29.17	10.21	1.786	4.369	13.80	18.65	14.17	4.741	1.664
129.0	33.09	25.65	8.675	1.902	3.994	12.04	16.35	12.32	4.258	1.774
132.0	29.77	21.69	7.984	2.018	3.669	10.47	14.24	10.66	3.874	1.879
135.0	26.57	18.67	7.481	2.116	3.372	9.042	12.29	9.179	3.547	1.978
138.0	23.63	16.20	6.927	2.196	3.118	7.818	10.53	7.886	3.254	2.081
141.0	21.08	13.85	6.412	2.288	2.889	6.790	8.979	6.817	2.984	2.173
144.0	18.71	11.93	5.978	2.409	2.713	5.912	7.623	5.900	2.751	2.265
147.0	16.54	10.35	5.601	2.520	2.698	5.176	6.489	5.117	2.616	2.394
150.0	14.61	8.611	5.271	2.600	2.727	4.516	5.527	4.431	2.637	2.474
153.0	12.87	7.747	5.066	2.676	2.774	3.935	4.688	3.842	2.657	2.547
156.0	10.76	6.961	4.902	2.763	2.845	3.441	3.966	3.331	2.702	2.619
159.0	9.742	6.179	4.350	2.837	2.898	3.073	3.365	2.992	2.763	2.703
162.0	8.536	5.339	4.166	2.893	2.949	3.014	2.965	2.950	2.831	2.780
165.0	7.115	4.924	4.034	2.948	3.004	3.016	2.901	2.957	2.895	2.854
168.0	4.469	4.269	3.790	2.972	3.033	3.014	2.918	3.003	2.968	2.912
171.0	3.679	3.945	3.336	3.016	3.086	3.045	2.972	3.046	3.032	2.972
174.0	3.288	3.284	3.070	3.049	3.078	3.091	3.006	3.088	3.038	3.031
177.0	3.057	3.069	3.073	3.078	3.096	3.082	3.040	3.075	3.074	3.073
180.0	3.062	3.067	3.085	3.090	3.098	3.078	3.064	3.069	3.085	3.091
G/C	300.0	330.0								
0.0	275.4	275.6								
3.0	276.1	276.8								
6.0	275.7	277.2								
9.0	274.6	276.8								
12.0	272.4	275.7								
15.0	269.4	274.0								
18.0	265.5	271.5								
21.0	261.0	268.1								
24.0	255.4	264.2								
27.0	249.1	259.8								
30.0	242.1	254.6								

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-10-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.040m [K=1.0000]
Remarks:

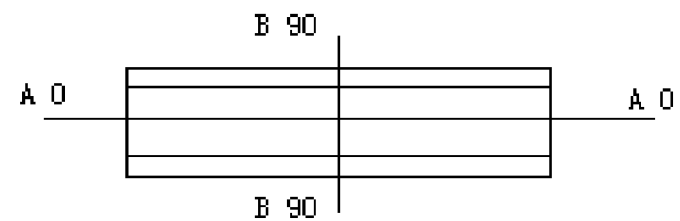
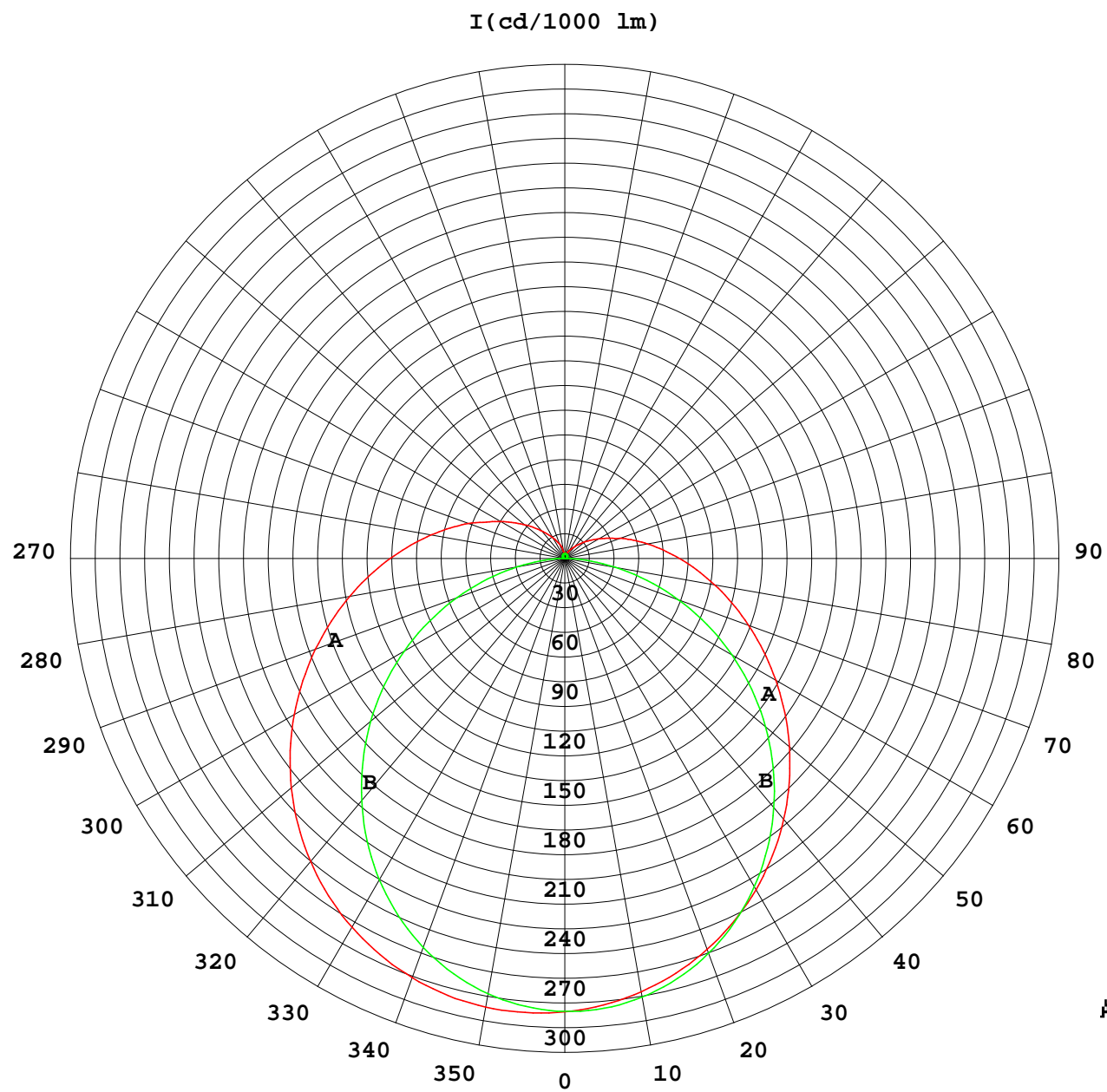
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

33.0	234.4	248.7
36.0	226.0	242.2
39.0	216.9	235.4
42.0	207.4	228.0
45.0	197.4	220.4
48.0	187.0	212.0
51.0	176.3	203.6
54.0	165.4	194.8
57.0	154.2	185.8
60.0	143.1	176.7
63.0	131.9	167.4
66.0	120.8	158.1
69.0	110.0	149.1
72.0	99.36	140.0
75.0	88.73	131.1
78.0	79.06	122.4
81.0	69.99	114.0
84.0	61.50	105.9
87.0	53.86	98.06
90.0	46.86	90.58
93.0	40.36	83.27
96.0	34.05	76.17
99.0	29.38	69.50
102.0	25.63	63.42
105.0	21.14	57.84
108.0	19.03	52.68
111.0	16.79	46.52
114.0	13.86	42.13
117.0	13.36	38.26
120.0	11.99	34.73
123.0	10.65	31.45
126.0	9.555	28.48
129.0	8.618	24.90
132.0	7.843	21.76
135.0	7.114	18.25
138.0	6.546	15.32
141.0	6.073	13.43
144.0	5.637	11.51
147.0	5.271	9.989
150.0	4.809	8.739
153.0	4.719	7.622
156.0	4.423	6.667
159.0	4.253	5.859
162.0	4.030	5.033
165.0	3.963	4.766
168.0	3.444	4.227
171.0	3.252	3.973
174.0	3.054	3.246
177.0	3.070	3.069
180.0	3.098	3.082

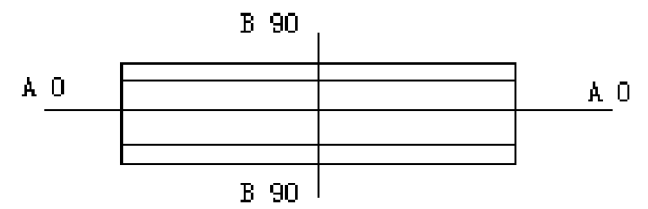
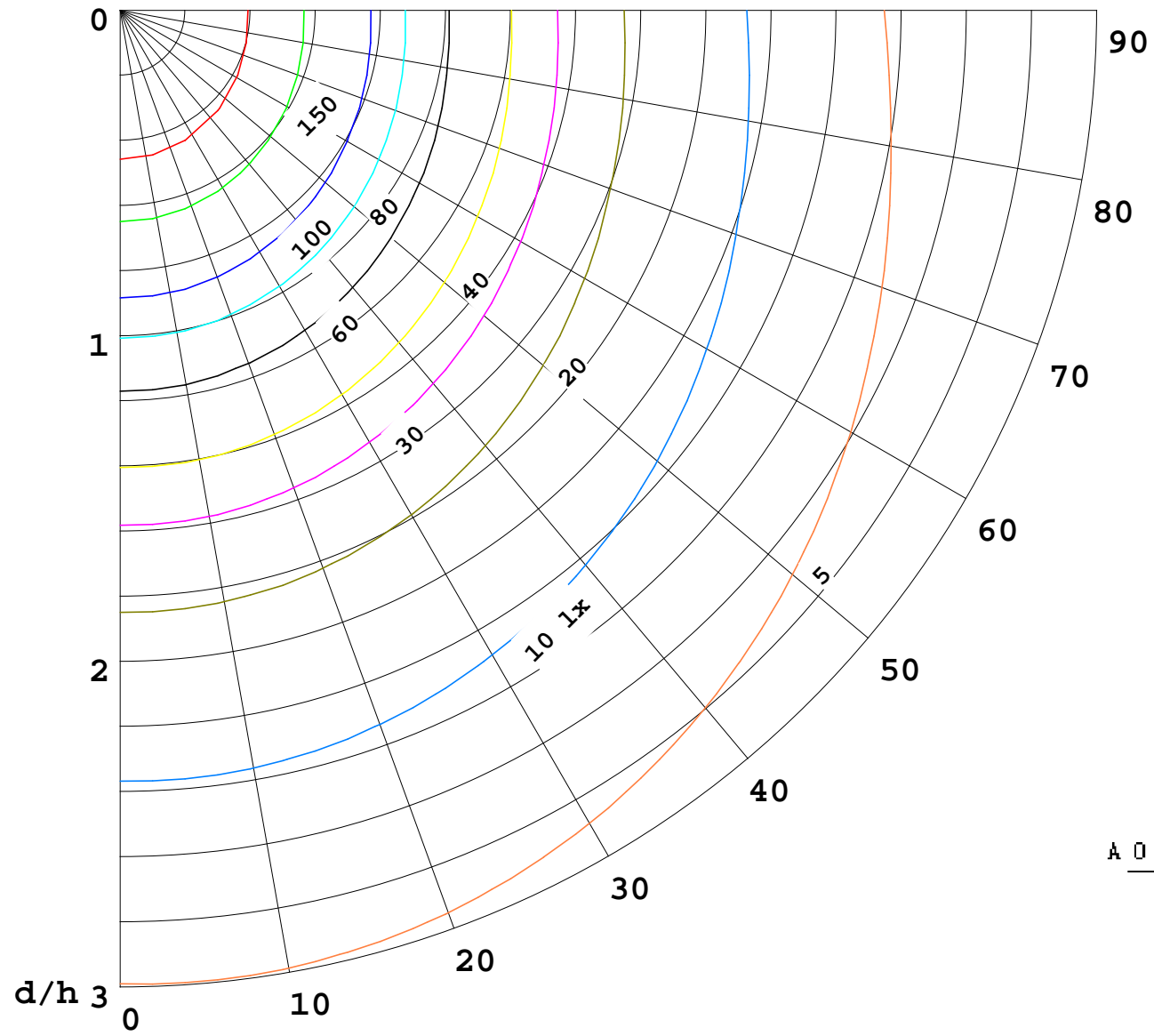
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-17

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:



1000 lm

$K = 1$



F = 5000 lm
K = 0.7
Hcc = 0.0 m
Hfc = 0.0 m
Eave = 100 lx

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

