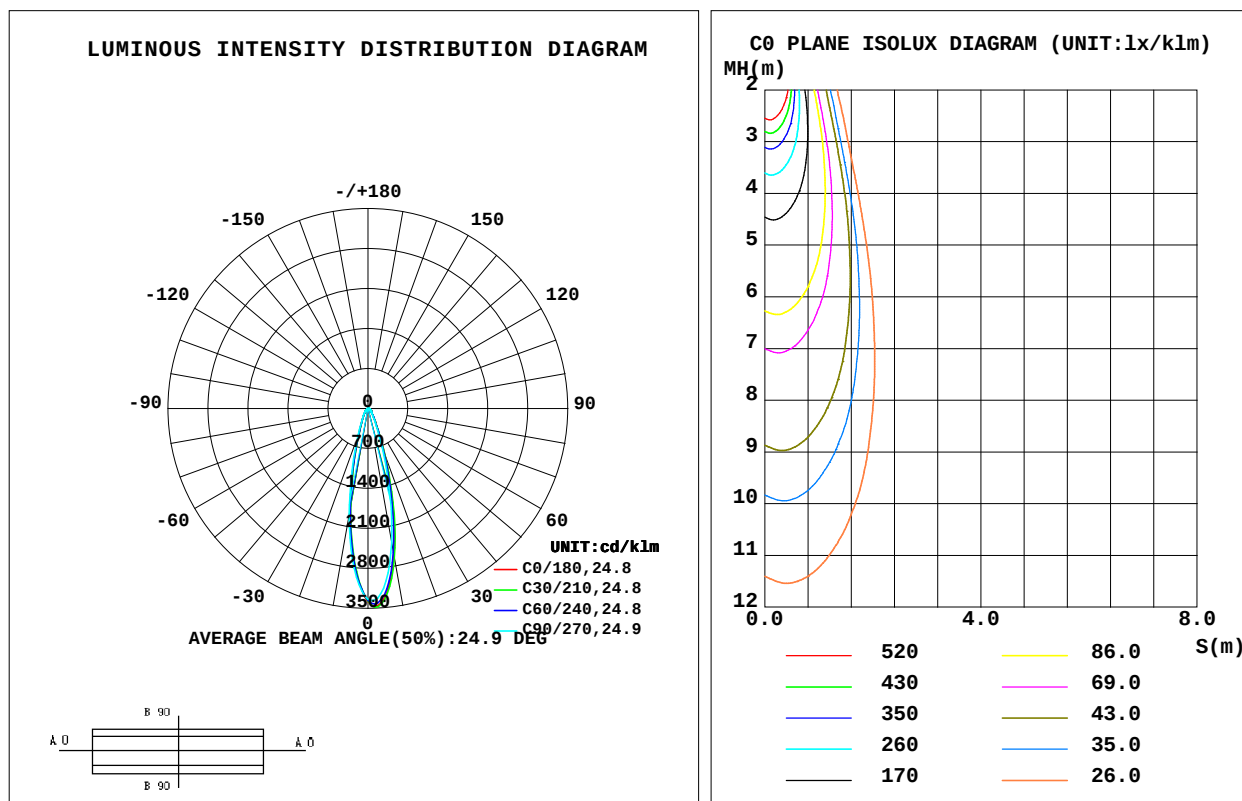


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.50 lm/W			
MODEL	PS-X16-D-30K24D80RA	I _{max} (cd/klm)	3482	S/MH(C0/180)	0.36
NOMINAL POWER(W)	30W	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm/klm)	1000.0	h UP, DN(C0-180)	0.3,54.5
NOMINAL FLUX(lm)	2630.07	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.5,44.7
LAMPS INSIDE	1	h up(%)	0.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220.0	h down(%)	99.2	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-07-10

α Range: 0 - 180DEG
 α Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:6.160m [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	2628	2655	2392	2097	1785	1739	1907	2143	0- 10	258.3	258.3	25.8, 25.8
20	872.6	892.4	737.6	599.6	468.9	453.5	524.1	628.9	10- 20	349.4	607.7	60.8, 60.8
30	251.4	252.8	224.8	196.2	175.3	173.1	189.5	209.6	20- 30	164.3	772.0	77.2, 77.2
40	115.3	113.1	102.9	94.70	86.67	86.87	93.50	99.19	30- 40	89.26	861.2	86.1, 86.1
50	62.94	62.78	57.91	52.97	50.27	50.74	55.03	57.57	40- 50	57.32	918.6	91.9, 91.9
60	36.83	36.81	33.51	30.90	29.11	29.41	31.48	32.48	50- 60	38.51	957.1	95.7, 95.7
70	19.45	19.40	17.42	15.08	12.92	12.30	13.89	15.58	60- 70	23.65	980.7	98.1, 98.1
80	5.545	5.823	5.033	4.139	2.640	2.151	3.158	4.071	70- 80	9.628	990.3	99.9, 99.9
90	0.1993	0.3658	0.2200	0.0724	0.0837	0.0734	0.0715	0.0672	80- 90	1.530	991.9	99.2, 99.2
100	0.1141	0.1143	0.1182	0.1337	0.1572	0.1437	0.1439	0.1182	90-100	0.1101	992.0	99.2, 99.2
110	0.2232	0.2265	0.2364	0.2571	0.2877	0.2752	0.2612	0.2242	100-110	0.1933	992.2	99.2, 99.2
120	0.3690	0.3734	0.3884	0.4091	0.5747	0.5727	0.5144	0.4403	110-120	0.3332	992.5	99.3, 99.3
130	0.5810	0.5765	0.6135	0.6633	1.331	1.344	1.191	1.025	120-130	0.5752	993.1	99.3, 99.3
140	1.208	1.165	1.290	1.482	2.832	2.841	2.587	2.276	130-140	1.041	994.1	99.4, 99.4
150	2.898	2.803	3.045	3.389	4.818	4.807	4.550	4.161	140-150	1.751	995.9	99.6, 99.6
160	4.923	4.775	5.013	5.131	5.928	5.854	5.820	5.575	150-160	2.153	998.0	99.8, 99.8
170	5.090	5.011	5.010	4.902	5.074	5.057	5.103	5.151	160-170	1.525	999.5	100, 100
180	4.545	4.505	4.348	4.424	4.552	4.497	4.357	4.421	170-180	0.4521	1000	100, 100
DEG	LUMINOUS INTENSITY: cd/klm									UNIT: lm/klm		

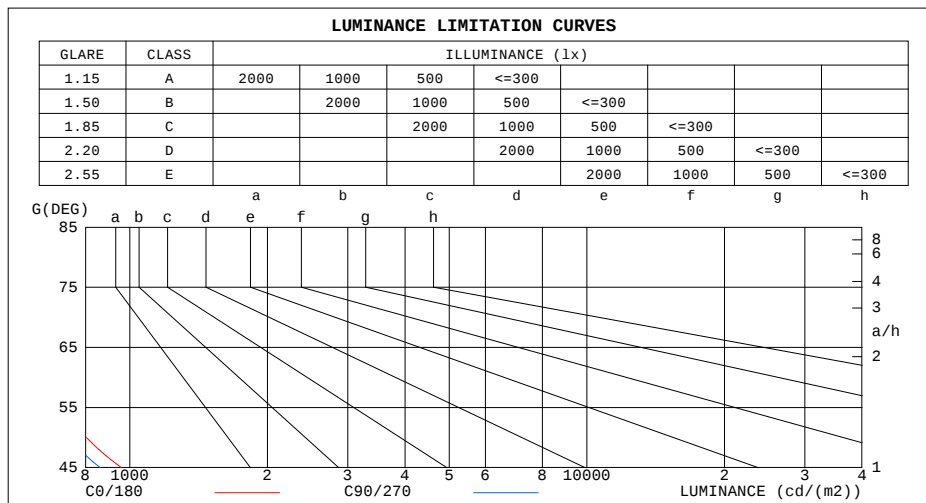
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-07-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 6.160m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	104	118
80	262	238
75	358	318
70	467	419
65	542	491
60	605	551
55	691	629
50	805	741
45	959	863

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

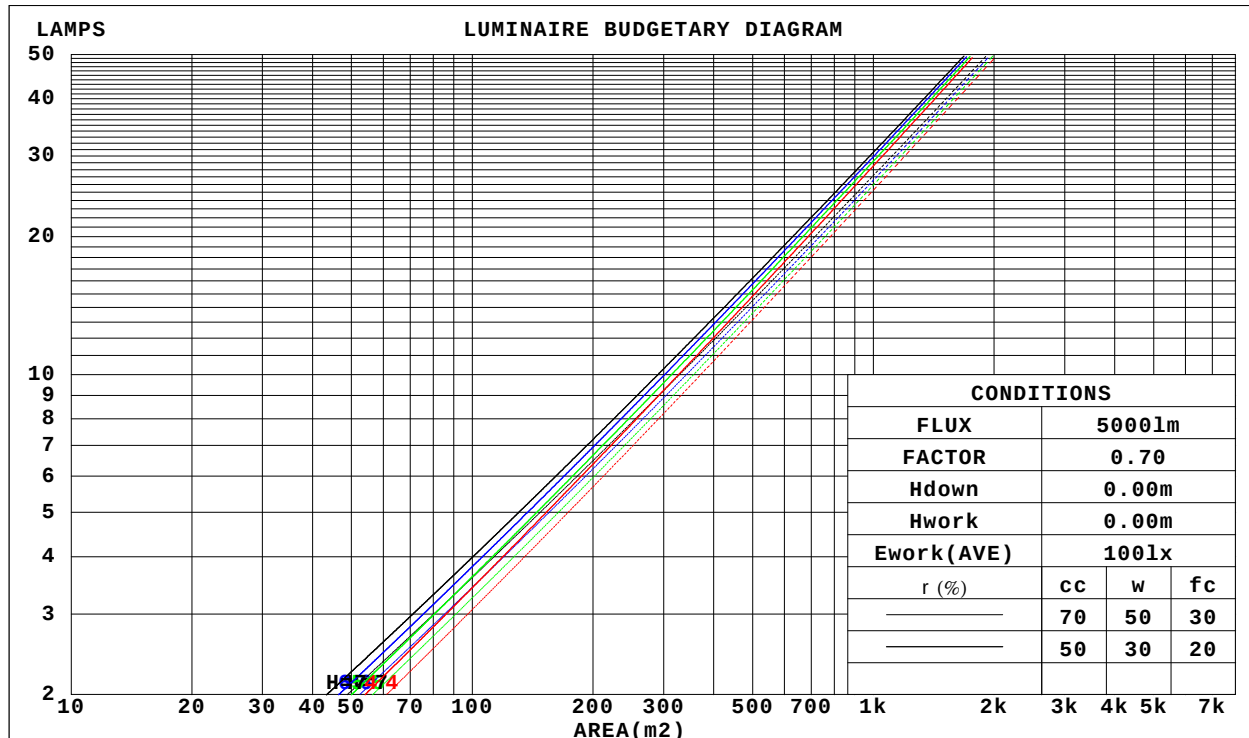
g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.11	1.08	1.06	1.09	1.06	1.05	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	.90	.97	1.02	.98	.95	.99	.96	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.88	.86	.84	.82
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.87	.82	.78	.86	.81	.78	.85	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.79	.76	.73	.78	.75	.72	.71
7.0	.79	.74	.70	.79	.74	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.68
8.0	.76	.71	.67	.76	.71	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65
9.0	.73	.68	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.68	.64	.61	.60



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-07-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 6.160m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm					
NAME: Blacksnow			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			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	.173	.098	.031	.166	.095	.030	.153	.088	.028	.141	.081	.026	.130	.075	.024				
2.0	.163	.089	.027	.157	.087	.027	.146	.081	.025	.136	.076	.024	.127	.072	.023				
3.0	.153	.081	.024	.148	.079	.024	.139	.075	.023	.130	.071	.022	.122	.068	.021				
4.0	.143	.075	.022	.139	.073	.022	.131	.070	.021	.124	.066	.020	.117	.063	.019				
5.0	.135	.069	.020	.131	.067	.020	.124	.065	.019	.118	.062	.018	.112	.060	.018				
6.0	.127	.064	.018	.124	.063	.018	.118	.060	.018	.112	.058	.017	.107	.056	.017				
7.0	.120	.059	.017	.117	.058	.017	.112	.057	.016	.107	.055	.016	.102	.053	.016				
8.0	.114	.056	.016	.111	.055	.016	.107	.053	.015	.102	.052	.015	.098	.050	.015				
9.0	.108	.052	.015	.106	.052	.015	.102	.050	.014	.098	.049	.014	.094	.048	.014				
10.0	.103	.049	.014	.101	.049	.014	.097	.048	.013	.094	.047	.013	.090	.045	.013				

r c c	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 f c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.177	.164	.151	.152	.140	.130	.104	.097	.090	.060	.056	.052	.019	.018	.017	
2.0	.161	.139	.120	.138	.119	.104	.095	.083	.072	.055	.048	.042	.018	.016	.014	
3.0	.148	.120	.097	.127	.103	.084	.087	.072	.059	.050	.042	.035	.016	.014	.011	
4.0	.137	.105	.080	.118	.091	.070	.081	.063	.049	.047	.037	.029	.015	.012	.010	
5.0	.128	.093	.068	.110	.081	.059	.075	.056	.042	.044	.033	.025	.014	.011	.008	
6.0	.119	.084	.058	.103	.072	.051	.071	.051	.036	.041	.030	.021	.013	.010	.007	
7.0	.112	.076	.050	.096	.066	.044	.067	.046	.031	.039	.027	.019	.013	.009	.006	
8.0	.106	.069	.044	.091	.060	.039	.063	.042	.027	.037	.025	.016	.012	.008	.005	
9.0	.100	.064	.039	.086	.055	.034	.060	.039	.024	.035	.023	.015	.011	.008	.005	
10.0	.095	.059	.035	.082	.051	.031	.057	.036	.022	.033	.021	.013	.011	.007	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-07-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:6.160m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm											
NAME: Blacksnow					TYPE:			WEIGHT:			
SPEC.:					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	7.9	8.8	8.2	9.0	9.1	7.5	8.3	7.7	8.5	8.7	
	3H	8.8	9.5	9.0	9.8	10.0	8.3	9.0	8.5	9.3	9.5
	4H	9.0	9.8	9.3	10.0	10.2	8.5	9.2	8.8	9.5	9.7
	6H	9.1	9.8	9.4	10.1	10.3	8.6	9.3	8.9	9.5	9.8
	8H	9.1	9.8	9.5	10.1	10.4	8.6	9.3	8.9	9.5	9.8
	12H	9.1	9.8	9.4	10.1	10.3	8.6	9.2	8.9	9.5	9.8
4H	2H	8.3	9.0	8.5	9.2	9.5	7.9	8.6	8.2	8.9	9.1
	3H	9.2	9.9	9.6	10.2	10.5	8.8	9.5	9.1	9.7	10.0
	4H	9.6	10.2	9.9	10.5	10.8	9.1	9.7	9.5	10.0	10.3
	6H	9.7	10.3	10.1	10.6	11.0	9.3	9.8	9.7	10.1	10.5
	8H	9.8	10.3	10.2	10.6	11.0	9.3	9.8	9.7	10.2	10.5
	12H	9.8	10.2	10.2	10.6	11.0	9.3	9.7	9.7	10.1	10.5
8H	4H	9.6	10.1	10.0	10.5	10.9	9.2	9.7	9.6	10.1	10.4
	6H	9.9	10.3	10.3	10.7	11.1	9.4	9.8	9.9	10.2	10.7
	8H	10.0	10.3	10.4	10.7	11.2	9.5	9.9	10.0	10.3	10.7
	12H	10.0	10.3	10.4	10.7	11.2	9.5	9.8	10.0	10.3	10.7
12H	4H	9.6	10.1	10.0	10.4	10.8	9.2	9.6	9.6	10.0	10.4
	6H	9.9	10.2	10.3	10.6	11.1	9.4	9.8	9.9	10.2	10.7
	8H	10.0	10.3	10.4	10.7	11.2	9.5	9.8	10.0	10.3	10.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.7					
1.5H	+ 0.6 / - 0.4					+ 0.5 / - 0.5					
2.0H	+ 0.9 / - 0.7					+ 0.8 / - 0.8					

CIE Pub.117, 2630 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.4$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	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) $k(RI) \times RCR = 5$									
k = 0.60	83	76	72	82	76	71	81	75	71	67
0.80	91	84	80	90	84	80	89	83	79	75
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	94	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	102	98	105	101	97	102	99	96	90
2.50	109	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	113	109	107	110	108	105	107	104	103	95
5.00	114	111	109	112	110	108	108	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

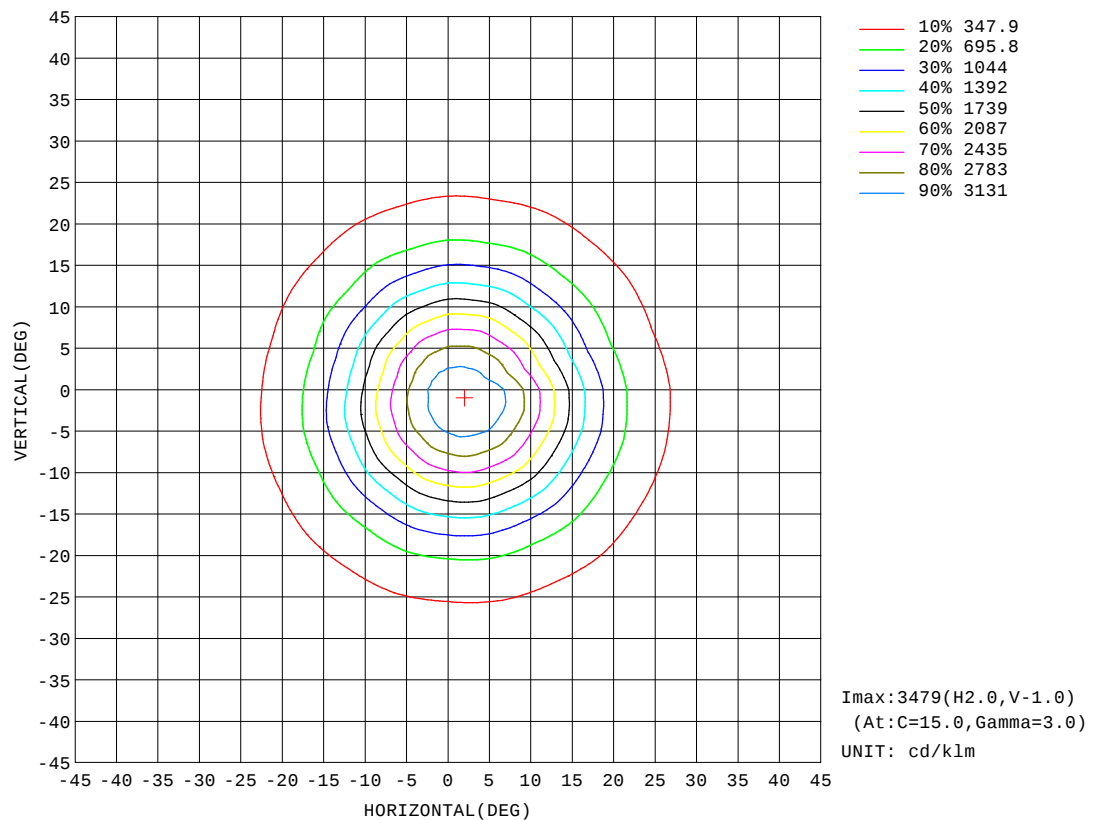
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-07-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:6.160m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



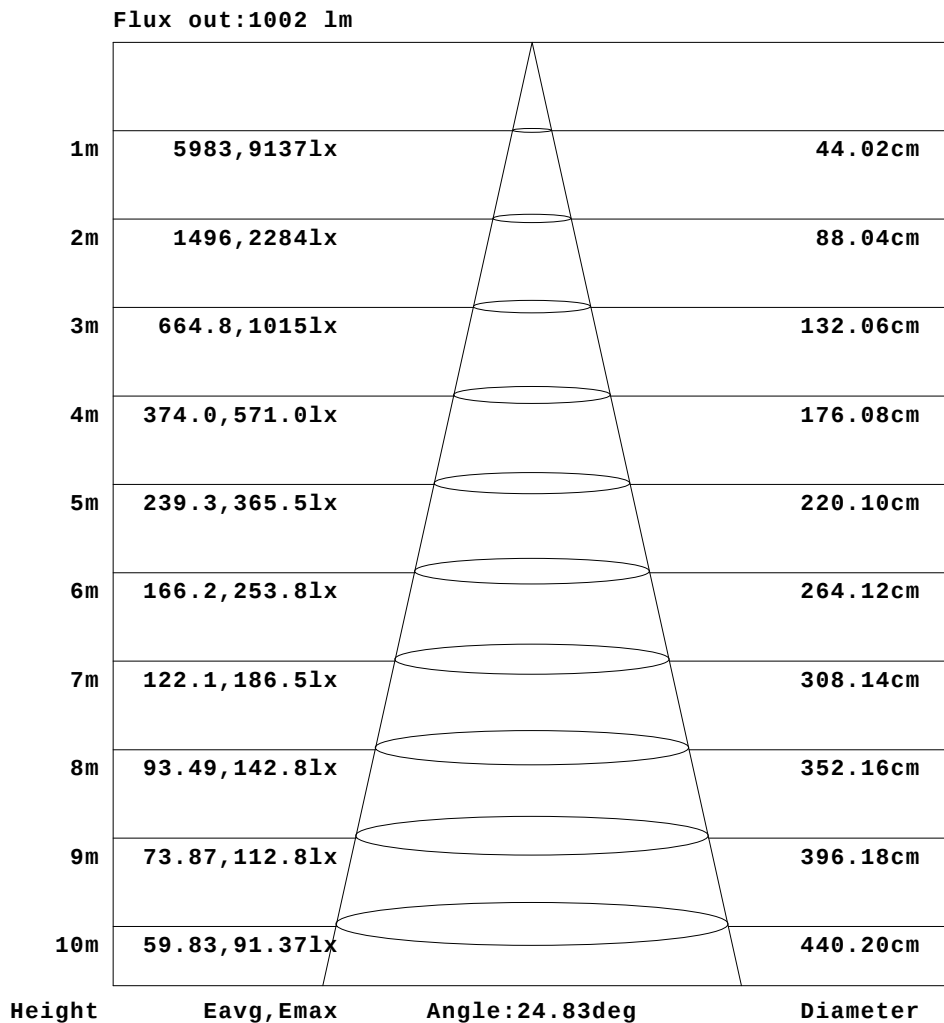
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	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.

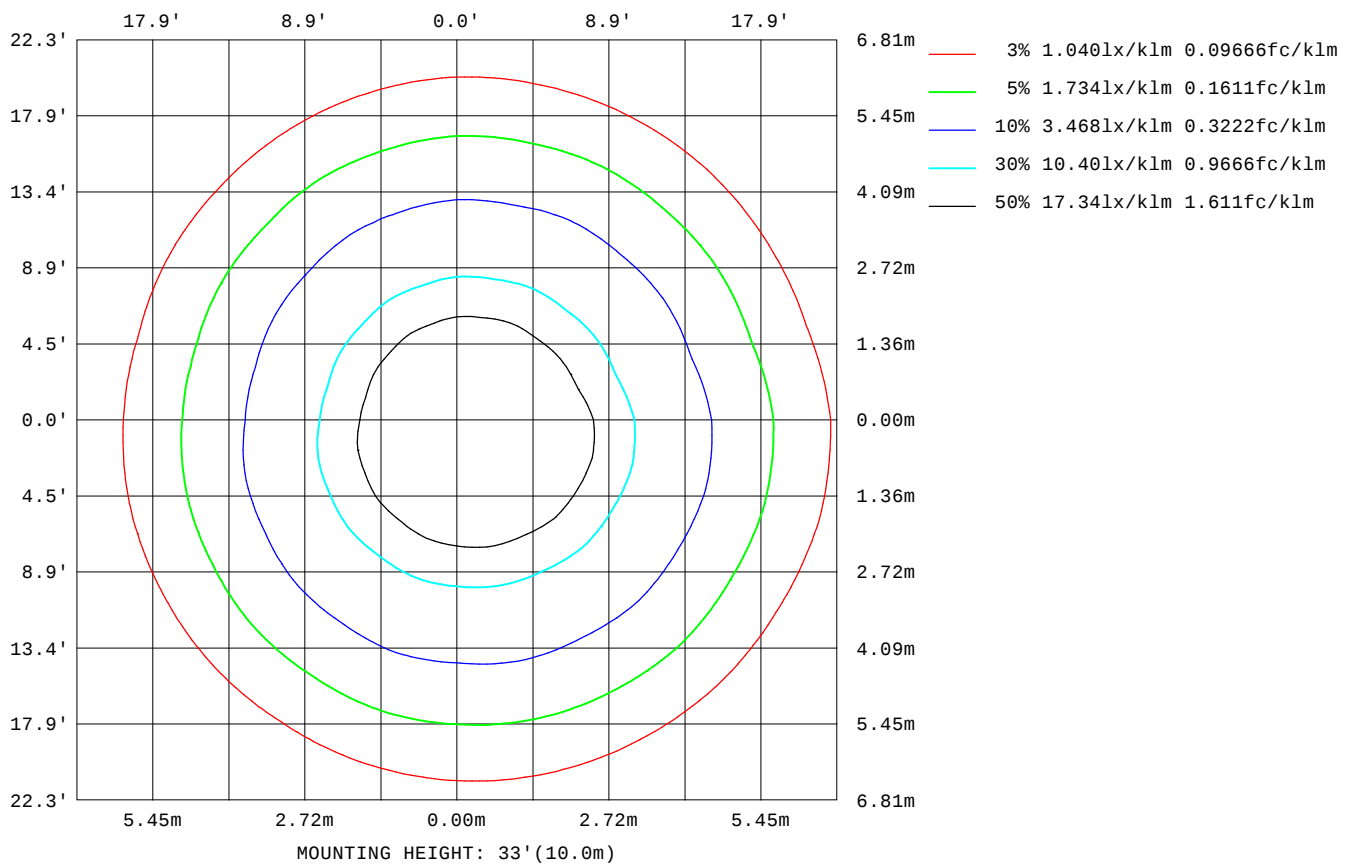
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Avg.L Report

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

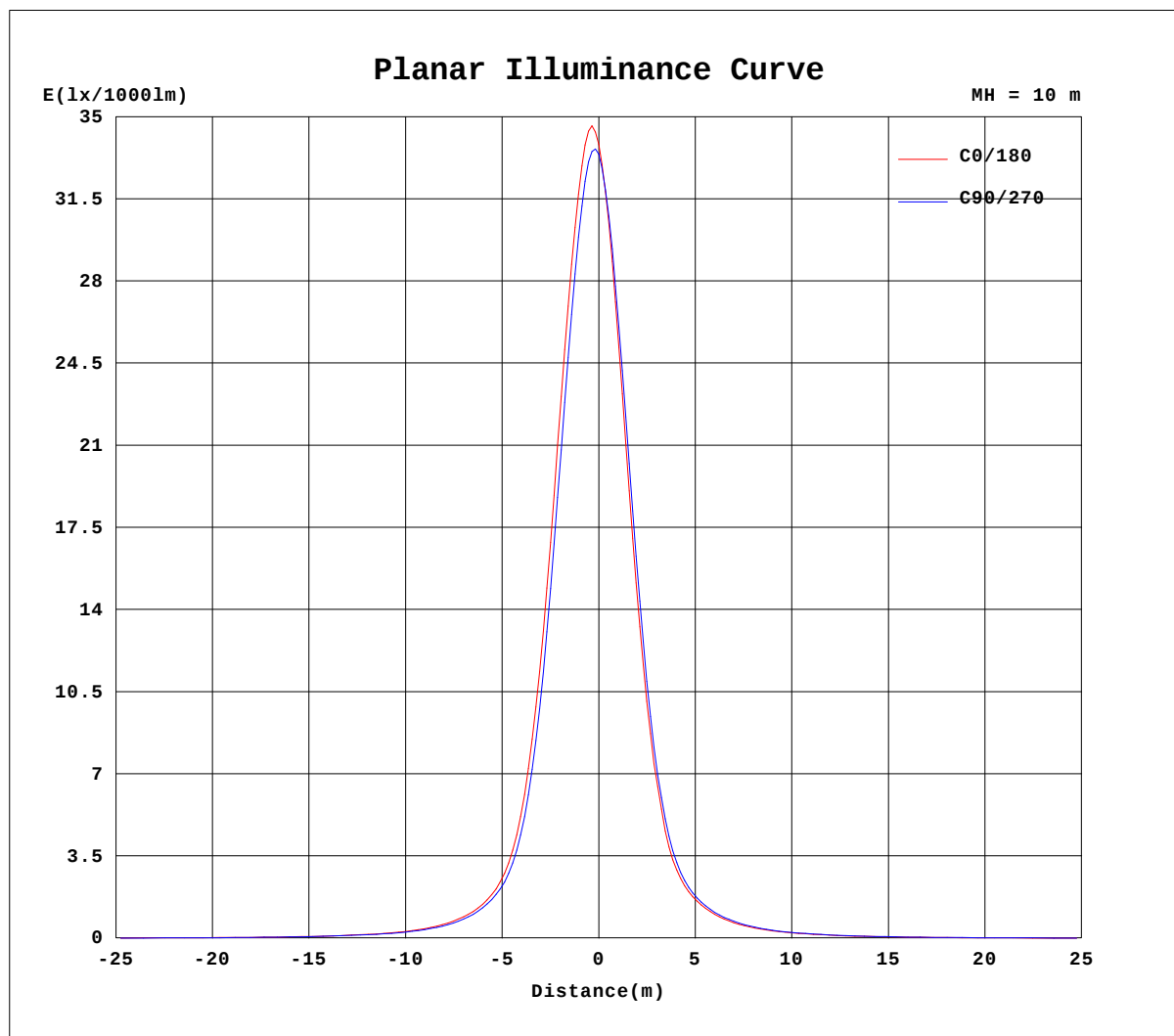
AvgL	cd/m2
L_0~180(65)av	473
L_0~180(75)av	284
L_0~180(85)av	77
L_90~270(65)av	462
L_90~270(75)av	275
L_90~270(85)av	88
L_45(65)av	462
L_45(75)av	274
L_45(85)av	94

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:6.160m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-07-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 6.160m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm																	
NAME: Blacksnow									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd/klm

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3382	3362	3370	3353	3359	3342	3340	3325	3319	3313	3307	3309	3382	3362	3370	3353	3359	3342	3340
5	3330	3370	3356	3340	3280	3232	3155	3095	2999	2944	2851	2803	2743	2679	2701	2686	2739	2750	2809
10	2628	2700	2670	2655	2558	2503	2392	2306	2167	2097	1971	1908	1785	1718	1748	1739	1804	1824	1907
15	1656	1734	1701	1697	1591	1546	1449	1382	1266	1209	1109	1061	968	913	931	919	973	985	1049
20	873	924	898	892	829	796	738	710	635	600	544	522	469	446	455	454	479	491	524
25	432	452	440	442	412	402	372	361	331	318	298	284	267	261	262	265	274	280	291
30	251	258	252	253	241	235	225	215	203	196	187	182	175	169	172	173	178	183	189
35	166	167	163	162	157	153	148	141	136	132	128	125	120	118	121	122	125	127	131
40	115	117	116	113	109	107	103	101	96.6	94.7	91.0	89.5	86.7	85.5	86.6	86.9	90.6	91.4	93.5
45	82.5	84.0	83.6	82.1	78.9	77.2	74.2	73.3	70.4	69.1	66.9	65.7	65.3	64.7	65.6	66.4	69.1	70.1	70.6
50	62.9	64.0	62.9	62.8	60.7	59.0	57.9	56.8	54.2	53.0	52.3	51.3	50.3	49.4	50.1	50.7	52.7	53.9	55.0
55	48.2	49.3	48.9	48.5	46.7	45.5	43.9	42.8	40.5	39.8	38.8	38.5	38.1	37.8	38.5	38.7	39.9	40.5	41.3
60	36.8	37.7	37.1	36.8	35.5	34.8	33.5	32.9	31.5	30.9	29.7	29.5	29.1	28.9	29.3	29.4	30.5	30.8	31.5
65	27.9	28.6	28.1	27.9	26.8	26.2	25.2	24.7	23.4	22.7	21.7	21.4	20.8	20.4	20.8	20.7	21.4	21.7	22.3
70	19.5	20.0	19.6	19.4	18.8	18.3	17.4	16.8	15.7	15.1	14.2	13.8	12.9	12.4	12.6	12.3	12.9	13.2	13.9
75	11.3	11.8	11.5	11.5	10.9	10.6	10.0	9.61	8.82	8.39	7.78	7.48	6.62	6.09	6.25	6.10	6.53	6.74	7.31
80	5.55	5.89	5.78	5.82	5.52	5.38	5.03	4.85	4.42	4.14	3.64	3.34	2.64	2.19	2.19	2.15	2.62	2.79	3.16
85	1.11	1.88	1.78	1.88	1.70	1.58	1.25	1.09	0.90	0.83	0.72	0.66	0.53	0.46	0.47	0.47	0.52	0.55	0.62
90	0.20	0.35	0.36	0.37	0.31	0.28	0.22	0.17	0.09	0.07	0.07	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07
95	0.08	0.08	0.07	0.08	0.08	0.08	0.08	0.09	0.08	0.09	0.09	0.10	0.12	0.11	0.11	0.10	0.11	0.10	0.11
100	0.11	0.12	0.11	0.11	0.11	0.12	0.12	0.13	0.12	0.13	0.13	0.15	0.16	0.15	0.16	0.14	0.15	0.14	0.14
105	0.16	0.16	0.15	0.17	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.21	0.21	0.21	0.21	0.20	0.20	0.19	0.19
110	0.22	0.23	0.22	0.23	0.22	0.24	0.24	0.25	0.24	0.26	0.26	0.27	0.29	0.28	0.29	0.28	0.27	0.26	0.26
115	0.29	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.31	0.33	0.33	0.34	0.39	0.40	0.39	0.38	0.38	0.36	0.36
120	0.37	0.37	0.36	0.37	0.37	0.39	0.39	0.40	0.39	0.41	0.41	0.43	0.57	0.59	0.58	0.57	0.55	0.54	0.51
125	0.46	0.46	0.45	0.46	0.46	0.48	0.48	0.49	0.49	0.51	0.52	0.54	0.87	0.90	0.88	0.88	0.84	0.82	0.78
130	0.58	0.58	0.57	0.58	0.58	0.60	0.61	0.63	0.64	0.66	0.69	0.72	1.33	1.37	1.35	1.34	1.29	1.25	1.19
135	0.80	0.78	0.78	0.78	0.80	0.82	0.85	0.87	0.92	0.95	1.01	1.05	1.99	2.03	2.02	1.99	1.93	1.87	1.79
140	1.21	1.16	1.17	1.16	1.21	1.23	1.29	1.33	1.42	1.48	1.59	1.65	2.83	2.89	2.86	2.84	2.75	2.69	2.59
145	1.90	1.83	1.84	1.84	1.90	1.94	2.03	2.10	2.22	2.32	2.46	2.55	3.81	3.88	3.85	3.82	3.72	3.65	3.54
150	2.90	2.80	2.80	2.80	2.88	2.93	3.04	3.13	3.27	3.39	3.54	3.65	4.82	4.87	4.84	4.81	4.72	4.66	4.55
155	4.00	3.90	3.88	3.89	3.96	4.05	4.15	4.24	4.35	4.43	4.56	4.66	5.61	5.64	5.60	5.57	5.51	5.48	5.39
160	4.92	4.81	4.79	4.77	4.85	4.93	5.01	5.07	5.11	5.13	5.20	5.27	5.93	5.93	5.88	5.85	5.86	5.86	5.82
165	5.29	5.23	5.16	5.18	5.21	5.27	5.30	5.33	5.30	5.27	5.24	5.24	5.65	5.62	5.61	5.61	5.67	5.71	5.70
170	5.09	5.06	5.00	5.01	5.02	5.02	5.01	4.99	4.93	4.90	4.85	4.83	5.07	5.07	5.10	5.06	5.06	5.06	5.10
175	4.71	4.70	4.65	4.62	4.59	4.52	4.46	4.45	4.44	4.50	4.48	4.39	4.61	4.60	4.66	4.66	4.59	4.56	4.57
180	4.55	4.50	4.47	4.50	4.43	4.36	4.35	4.30	4.33	4.42	4.33	4.30	4.55	4.49	4.48	4.50	4.43	4.35	4.36

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.45V I:0.1304A P:28.129W PF:0.9783 Freq:49.99Hz Lamp Flux:2630.07x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd/klm

C(DEG) g (DEG)	285	300	315	330	345														
0	3325	3319	3313	3307	3309														
5	2839	2927	2976	3060	3106														
10	1963	2080	2143	2274	2356														
15	1088	1186	1239	1359	1425														
20	541	597	629	700	732														
25	298	320	331	359	371														
30	193	202	210	218	226														
35	134	137	140	145	150														
40	94.5	97.8	99.2	103	106														
45	70.9	72.8	74.1	76.3	77.0														
50	55.1	56.6	57.6	59.5	59.8														
55	41.3	42.1	42.8	44.6	45.0														
60	31.4	32.1	32.5	33.5	34.1														
65	22.6	23.2	23.7	24.7	25.5														
70	14.2	15.1	15.6	16.7	17.4														
75	7.58	8.24	8.52	9.19	9.72														
80	3.38	3.82	4.07	4.49	4.76														
85	0.66	0.76	0.83	0.97	1.11														
90	0.07	0.07	0.07	0.13	0.17														
95	0.09	0.09	0.08	0.08	0.07														
100	0.13	0.13	0.12	0.12	0.11														
105	0.17	0.18	0.16	0.16	0.15														
110	0.24	0.24	0.22	0.22	0.21														
115	0.34	0.33	0.31	0.30	0.29														
120	0.49	0.46	0.44	0.42	0.41														
125	0.75	0.70	0.67	0.63	0.61														
130	1.15	1.07	1.03	0.96	0.93														
135	1.73	1.62	1.56	1.46	1.42														
140	2.49	2.37	2.28	2.17	2.09														
145	3.43	3.28	3.18	3.04	2.96														
150	4.44	4.28	4.16	4.02	3.94														
155	5.30	5.14	5.05	4.93	4.87														
160	5.75	5.64	5.57	5.52	5.50														
165	5.67	5.63	5.55	5.56	5.58														
170	5.09	5.14	5.15	5.15	5.13														
175	4.58	4.65	4.64	4.57	4.58														
180	4.30	4.33	4.42	4.34	4.30														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	3382	3362	3370	3353	3359	3342	3340	3325	3319	3313
3.0	3453	3482	3473	3451	3407	3369	3322	3279	3210	3169
6.0	3224	3275	3258	3244	3175	3122	3037	2972	2864	2799
9.0	2795	2868	2836	2825	2731	2677	2568	2491	2355	2285
12.0	2243	2327	2296	2285	2172	2117	2007	1921	1786	1722
15.0	1656	1734	1701	1697	1591	1546	1449	1382	1266	1209
18.0	1146	1206	1179	1172	1089	1050	979.6	931.7	846.6	801.9
21.0	754.1	797.0	775.7	772.9	714.9	697.2	636.7	609.2	549.8	519.4
24.0	492.0	520.0	503.4	504.4	470.1	458.2	420.6	408.1	371.6	357.0
27.0	340.2	352.4	344.3	347.2	323.9	317.3	296.5	288.2	270.1	257.8
30.0	251.4	258.3	251.9	252.8	240.9	234.7	224.8	215.0	203.1	196.2
33.0	193.4	197.3	192.5	191.0	185.6	180.0	173.6	166.0	158.1	153.6
36.0	153.9	155.7	151.8	150.2	144.9	142.1	137.7	131.9	126.3	123.4
39.0	124.2	125.8	123.8	121.1	116.2	114.4	110.5	107.9	103.0	100.9
42.0	100.1	102.1	101.9	99.42	95.73	93.69	90.13	88.94	84.70	83.05
45.0	82.51	84.00	83.58	82.06	78.90	77.18	74.21	73.28	70.37	69.15
48.0	69.65	70.79	69.91	69.05	66.99	65.24	63.38	62.62	60.16	58.84
51.0	59.92	60.86	60.07	59.94	58.20	56.68	55.31	54.04	51.13	50.27
54.0	51.00	51.87	51.58	51.40	49.47	48.04	46.42	45.30	42.83	42.02
57.0	43.19	43.84	43.43	43.23	41.55	40.68	39.22	38.44	36.66	36.11
60.0	36.83	37.66	37.07	36.81	35.51	34.78	33.51	32.94	31.49	30.90
63.0	31.43	32.07	31.50	31.18	30.09	29.45	28.48	28.00	26.78	26.17
66.0	25.96	26.75	26.23	25.98	25.04	24.44	23.50	22.94	21.68	21.06
69.0	21.01	21.53	21.11	20.97	20.26	19.80	18.93	18.39	17.32	16.69
72.0	16.12	16.76	16.34	16.24	15.56	15.12	14.27	13.75	12.64	11.97
75.0	11.26	11.84	11.48	11.47	10.94	10.62	10.01	9.606	8.824	8.391
78.0	7.711	8.189	8.007	8.029	7.631	7.378	6.777	6.341	5.725	5.428
81.0	4.851	5.137	5.036	5.075	4.819	4.697	4.367	4.193	3.742	3.380
84.0	2.144	2.708	2.601	2.719	2.438	2.342	1.975	1.663	1.271	1.087
87.0	0.4408	0.7880	0.8737	0.8908	0.8147	0.7839	0.7099	0.6575	0.5577	0.4934
90.0	0.1993	0.3537	0.3648	0.3658	0.3128	0.2772	0.2200	0.1705	0.0913	0.0724
93.0	0.0744	0.0735	0.0725	0.0735	0.0724	0.0765	0.0755	0.0796	0.0724	0.0836
96.0	0.0866	0.0898	0.0795	0.0878	0.0815	0.0909	0.0856	0.0959	0.0887	0.1000
99.0	0.1040	0.1092	0.1019	0.1081	0.1039	0.1133	0.1090	0.1194	0.1161	0.1255
102.0	0.1284	0.1337	0.1254	0.1337	0.1264	0.1398	0.1355	0.1459	0.1427	0.1551
105.0	0.1590	0.1633	0.1549	0.1653	0.1590	0.1735	0.1712	0.1806	0.1794	0.1898
108.0	0.1977	0.1980	0.1906	0.2000	0.1987	0.2112	0.2089	0.2194	0.2161	0.2286
111.0	0.2354	0.2398	0.2293	0.2388	0.2375	0.2520	0.2507	0.2602	0.2579	0.2724
114.0	0.2803	0.2816	0.2721	0.2816	0.2823	0.2959	0.2936	0.3040	0.2997	0.3132
117.0	0.3201	0.3244	0.3129	0.3255	0.3241	0.3387	0.3404	0.3499	0.3465	0.3591
120.0	0.3690	0.3703	0.3639	0.3734	0.3741	0.3866	0.3884	0.3978	0.3945	0.4091
123.0	0.4230	0.4224	0.4128	0.4224	0.4240	0.4387	0.4424	0.4509	0.4506	0.4652
126.0	0.4801	0.4795	0.4710	0.4795	0.4811	0.4979	0.5025	0.5152	0.5188	0.5346
129.0	0.5534	0.5469	0.5412	0.5499	0.5554	0.5714	0.5809	0.5939	0.6054	0.6245
132.0	0.6522	0.6397	0.6370	0.6428	0.6523	0.6693	0.6889	0.7051	0.7307	0.7541
135.0	0.7989	0.7765	0.7765	0.7786	0.7989	0.8173	0.8488	0.8694	0.9150	0.9511
138.0	1.016	0.9767	0.9823	0.9808	1.013	1.032	1.082	1.112	1.186	1.234
141.0	1.325	1.265	1.281	1.272	1.324	1.342	1.413	1.456	1.558	1.630
144.0	1.744	1.675	1.683	1.683	1.739	1.777	1.854	1.922	2.031	2.134
147.0	2.281	2.193	2.202	2.201	2.268	2.317	2.415	2.487	2.626	2.734
150.0	2.898	2.797	2.803	2.803	2.877	2.933	3.045	3.132	3.272	3.389
153.0	3.563	3.462	3.457	3.461	3.538	3.612	3.720	3.815	3.937	4.045
156.0	4.224	4.113	4.104	4.097	4.187	4.256	4.370	4.439	4.544	4.613
159.0	4.766	4.660	4.643	4.629	4.704	4.783	4.873	4.936	5.002	5.035
162.0	5.140	5.056	5.010	5.003	5.059	5.144	5.202	5.252	5.262	5.257
165.0	5.290	5.228	5.160	5.176	5.210	5.269	5.299	5.325	5.298	5.273
168.0	5.217	5.168	5.104	5.126	5.176	5.184	5.190	5.185	5.137	5.101
171.0	5.024	4.996	4.941	4.937	4.932	4.920	4.899	4.870	4.826	4.794
174.0	4.799	4.777	4.720	4.688	4.644	4.591	4.553	4.523	4.505	4.544
177.0	4.593	4.572	4.530	4.542	4.510	4.417	4.378	4.367	4.361	4.427
180.0	4.545	4.502	4.473	4.505	4.426	4.356	4.348	4.304	4.329	4.424
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3307	3309	3382	3362	3370	3353	3359	3342	3340	3325
3.0	3105	3074	3060	3009	3027	3009	3046	3047	3089	3101
6.0	2699	2643	2560	2498	2518	2505	2563	2579	2645	2685
9.0	2155	2095	1978	1908	1939	1928	1996	2014	2099	2153
12.0	1606	1540	1419	1352	1381	1370	1434	1452	1535	1580
15.0	1109	1061	967.6	912.9	931.2	919.0	973.2	984.9	1049	1088
18.0	729.4	702.5	639.4	588.1	601.6	596.6	647.0	646.9	697.9	719.4
21.0	471.6	452.6	410.9	391.7	400.3	400.1	421.5	430.9	458.5	470.6
24.0	326.4	315.7	294.0	286.7	288.0	292.0	302.6	305.7	322.6	329.7
27.0	241.9	234.3	224.4	215.4	219.3	218.5	227.9	233.1	243.1	248.8
30.0	187.4	182.5	175.3	169.3	172.3	173.1	177.9	183.2	189.5	193.4

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

33.0	148.8	144.7	139.4	136.3	138.6	139.7	142.8	145.9	150.7	153.9
36.0	119.4	117.0	112.6	110.7	113.1	113.7	116.9	118.7	122.9	124.9
39.0	97.52	96.03	92.75	91.30	92.65	92.87	96.12	97.14	100.1	101.4
42.0	79.89	78.33	76.76	75.79	76.71	77.13	80.35	81.65	82.84	83.15
45.0	66.91	65.71	65.25	64.72	65.55	66.35	69.06	70.07	70.62	70.93
48.0	57.58	57.08	56.60	55.89	56.79	56.83	59.56	60.77	61.82	62.04
51.0	49.09	48.28	47.16	46.41	47.34	47.87	49.45	50.61	51.69	51.73
54.0	40.81	40.47	39.99	39.59	40.38	40.72	42.06	42.77	43.59	43.56
57.0	35.02	34.84	34.26	33.94	34.38	34.52	35.68	36.20	36.90	36.89
60.0	29.68	29.47	29.11	28.87	29.31	29.41	30.50	30.78	31.48	31.41
63.0	25.00	24.67	23.91	23.55	23.98	23.92	24.74	25.11	25.74	25.97
66.0	20.18	19.90	19.29	18.89	19.24	19.12	19.80	20.09	20.75	20.96
69.0	15.81	15.46	14.56	14.05	14.23	13.99	14.62	14.90	15.62	15.91
72.0	11.14	10.80	10.01	9.609	9.745	9.550	10.03	10.24	10.85	11.07
75.0	7.781	7.483	6.615	6.091	6.253	6.101	6.534	6.742	7.310	7.575
78.0	4.990	4.745	4.191	3.895	3.954	3.961	4.234	4.372	4.707	4.892
81.0	2.829	2.544	1.915	1.519	1.525	1.525	1.806	1.963	2.261	2.348
84.0	0.9076	0.8406	0.6945	0.6238	0.6333	0.6279	0.6873	0.7168	0.7963	0.8379
87.0	0.3966	0.3394	0.2037	0.1472	0.1572	0.1554	0.2017	0.2339	0.2953	0.3369
90.0	0.0746	0.0786	0.0837	0.0785	0.0837	0.0734	0.0735	0.0694	0.0715	0.0694
93.0	0.0785	0.0898	0.1031	0.0907	0.0980	0.0866	0.0949	0.0846	0.0939	0.0764
96.0	0.0978	0.1112	0.1225	0.1162	0.1204	0.1091	0.1143	0.1019	0.1133	0.0958
99.0	0.1233	0.1357	0.1480	0.1407	0.1459	0.1355	0.1388	0.1274	0.1347	0.1192
102.0	0.1539	0.1684	0.1766	0.1702	0.1735	0.1671	0.1684	0.1560	0.1623	0.1447
105.0	0.1896	0.2051	0.2112	0.2059	0.2113	0.1998	0.2011	0.1886	0.1919	0.1743
108.0	0.2303	0.2449	0.2531	0.2497	0.2521	0.2436	0.2429	0.2293	0.2327	0.2150
111.0	0.2721	0.2867	0.3031	0.2997	0.3041	0.2935	0.2919	0.2783	0.2776	0.2599
114.0	0.3129	0.3305	0.3684	0.3670	0.3674	0.3598	0.3521	0.3374	0.3317	0.3139
117.0	0.3618	0.3785	0.4543	0.4606	0.4563	0.4484	0.4359	0.4209	0.4093	0.3883
120.0	0.4138	0.4315	0.5747	0.5900	0.5777	0.5727	0.5502	0.5360	0.5144	0.4892
123.0	0.4709	0.4897	0.7370	0.7592	0.7432	0.7378	0.7074	0.6899	0.6564	0.6268
126.0	0.5463	0.5642	0.9524	0.9794	0.9616	0.9560	0.9146	0.8928	0.8473	0.8123
129.0	0.6471	0.6704	1.225	1.269	1.240	1.238	1.179	1.157	1.093	1.054
132.0	0.7938	0.8214	1.571	1.618	1.593	1.584	1.512	1.478	1.400	1.354
135.0	1.011	1.049	1.989	2.032	2.016	1.994	1.925	1.873	1.792	1.727
138.0	1.324	1.370	2.473	2.528	2.502	2.484	2.402	2.340	2.249	2.163
141.0	1.732	1.809	3.015	3.078	3.050	3.029	2.935	2.872	2.765	2.670
144.0	2.260	2.354	3.613	3.677	3.651	3.624	3.526	3.450	3.344	3.235
147.0	2.887	2.984	4.227	4.290	4.261	4.230	4.134	4.064	3.949	3.841
150.0	3.536	3.650	4.818	4.871	4.841	4.807	4.721	4.664	4.550	4.440
153.0	4.177	4.297	5.329	5.383	5.342	5.311	5.229	5.198	5.090	4.992
156.0	4.742	4.830	5.719	5.748	5.708	5.663	5.618	5.595	5.521	5.428
159.0	5.116	5.199	5.916	5.920	5.882	5.838	5.838	5.824	5.777	5.697
162.0	5.283	5.340	5.884	5.879	5.826	5.817	5.851	5.864	5.830	5.773
165.0	5.240	5.244	5.646	5.620	5.610	5.611	5.674	5.709	5.704	5.668
168.0	5.042	5.014	5.305	5.292	5.322	5.286	5.328	5.349	5.386	5.357
171.0	4.755	4.740	4.970	4.964	4.990	4.961	4.955	4.938	4.960	4.980
174.0	4.518	4.461	4.672	4.658	4.717	4.722	4.678	4.655	4.660	4.691
177.0	4.401	4.308	4.561	4.521	4.555	4.542	4.472	4.435	4.436	4.406
180.0	4.326	4.300	4.552	4.491	4.480	4.497	4.430	4.347	4.357	4.297
G/C	300.0	315.0	330.0	345.0						
0.0	3319	3313	3307	3309						
3.0	3155	3188	3246	3282						
6.0	2776	2834	2931	2993						
9.0	2272	2332	2452	2529						
12.0	1693	1755	1890	1969						
15.0	1186	1239	1359	1425						
18.0	790.2	834.0	917.3	967.7						
21.0	520.3	546.2	600.4	632.8						
24.0	358.5	371.5	404.4	419.4						
27.0	262.9	272.6	290.6	297.0						
30.0	201.8	209.6	218.3	225.7						
33.0	158.4	163.8	168.9	175.4						
36.0	127.8	129.9	135.0	139.3						
39.0	104.4	106.0	110.0	113.4						
42.0	86.40	87.64	90.51	92.65						
45.0	72.75	74.07	76.27	76.98						
48.0	62.86	63.78	65.65	65.42						
51.0	52.99	54.04	56.48	57.03						
54.0	44.44	45.13	47.22	47.69						
57.0	37.65	38.16	39.90	40.30						
60.0	32.08	32.48	33.53	34.11						
63.0	26.66	27.23	28.22	29.04						
66.0	21.67	22.08	22.98	23.69						

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:

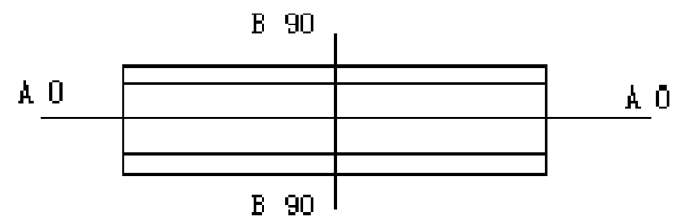
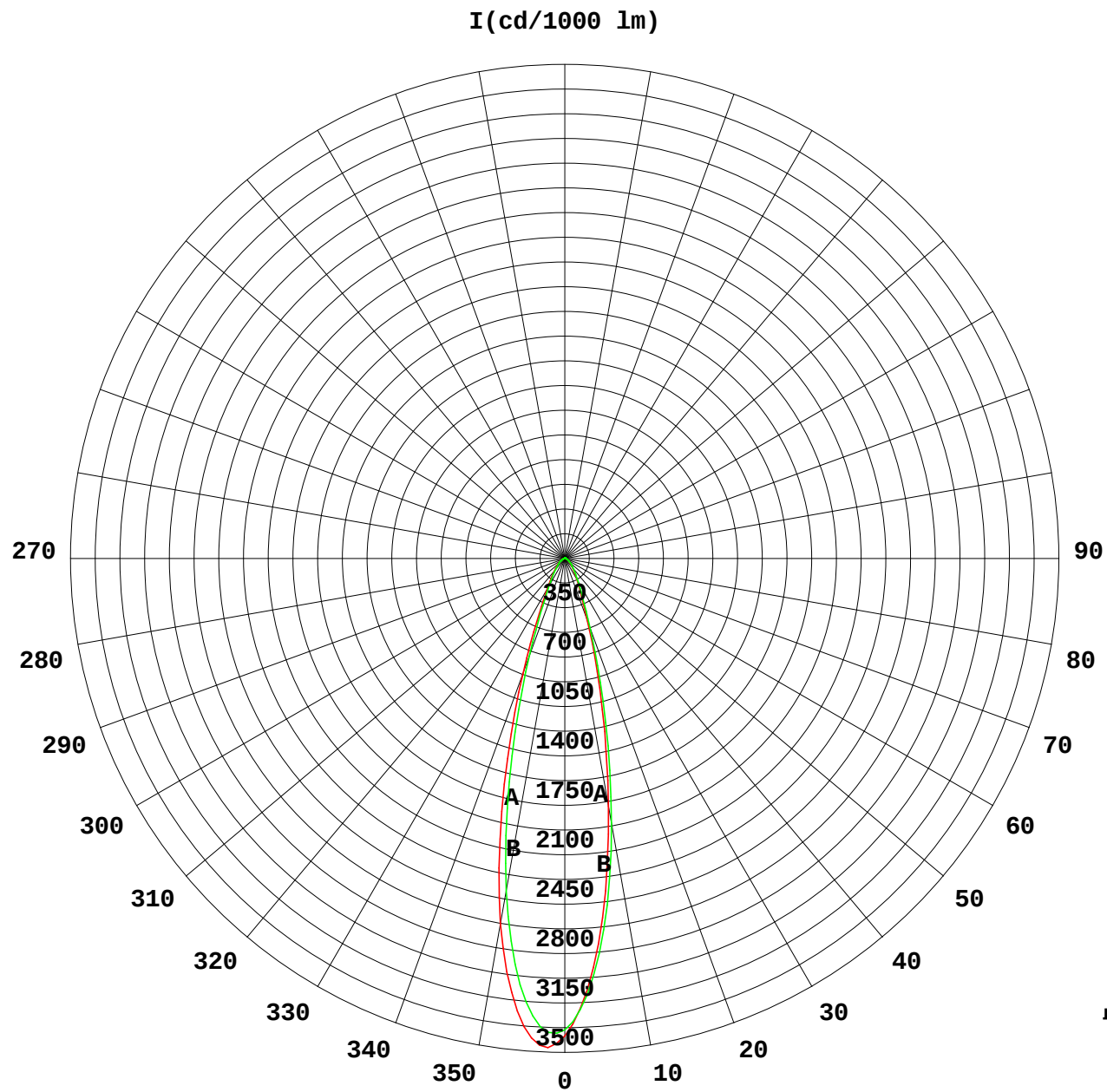
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

69.0	16.79	17.29	18.39	19.04
72.0	11.76	12.23	13.41	14.14
75.0	8.236	8.522	9.190	9.719
78.0	5.306	5.419	5.896	6.325
81.0	2.964	3.301	3.808	4.059
84.0	0.9733	1.099	1.481	1.755
87.0	0.4207	0.4798	0.5736	0.6370
90.0	0.0653	0.0672	0.1288	0.1735
93.0	0.0786	0.0693	0.0725	0.0663
96.0	0.0980	0.0846	0.0898	0.0785
99.0	0.1194	0.1050	0.1112	0.1019
102.0	0.1449	0.1325	0.1337	0.1233
105.0	0.1755	0.1621	0.1633	0.1498
108.0	0.2113	0.1977	0.1970	0.1845
111.0	0.2531	0.2375	0.2378	0.2252
114.0	0.3041	0.2875	0.2837	0.2722
117.0	0.3715	0.3526	0.3430	0.3282
120.0	0.4624	0.4403	0.4205	0.4077
123.0	0.5880	0.5615	0.5349	0.5147
126.0	0.7605	0.7257	0.6850	0.6615
129.0	0.9791	0.9415	0.8821	0.8549
132.0	1.263	1.217	1.138	1.107
135.0	1.617	1.557	1.463	1.421
138.0	2.049	1.964	1.867	1.811
141.0	2.536	2.443	2.326	2.251
144.0	3.091	2.984	2.858	2.774
147.0	3.681	3.570	3.436	3.348
150.0	4.277	4.161	4.023	3.941
153.0	4.825	4.719	4.592	4.516
156.0	5.280	5.195	5.088	5.032
159.0	5.581	5.509	5.446	5.410
162.0	5.707	5.630	5.609	5.598
165.0	5.634	5.554	5.557	5.578
168.0	5.381	5.334	5.353	5.343
171.0	5.034	5.057	5.033	5.021
174.0	4.745	4.734	4.686	4.692
177.0	4.496	4.493	4.415	4.411
180.0	4.333	4.421	4.338	4.296

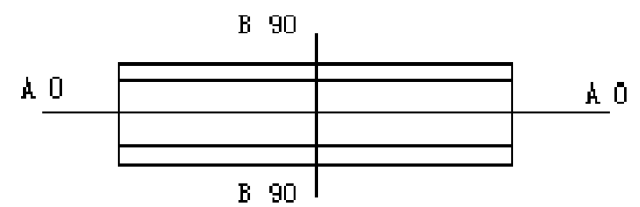
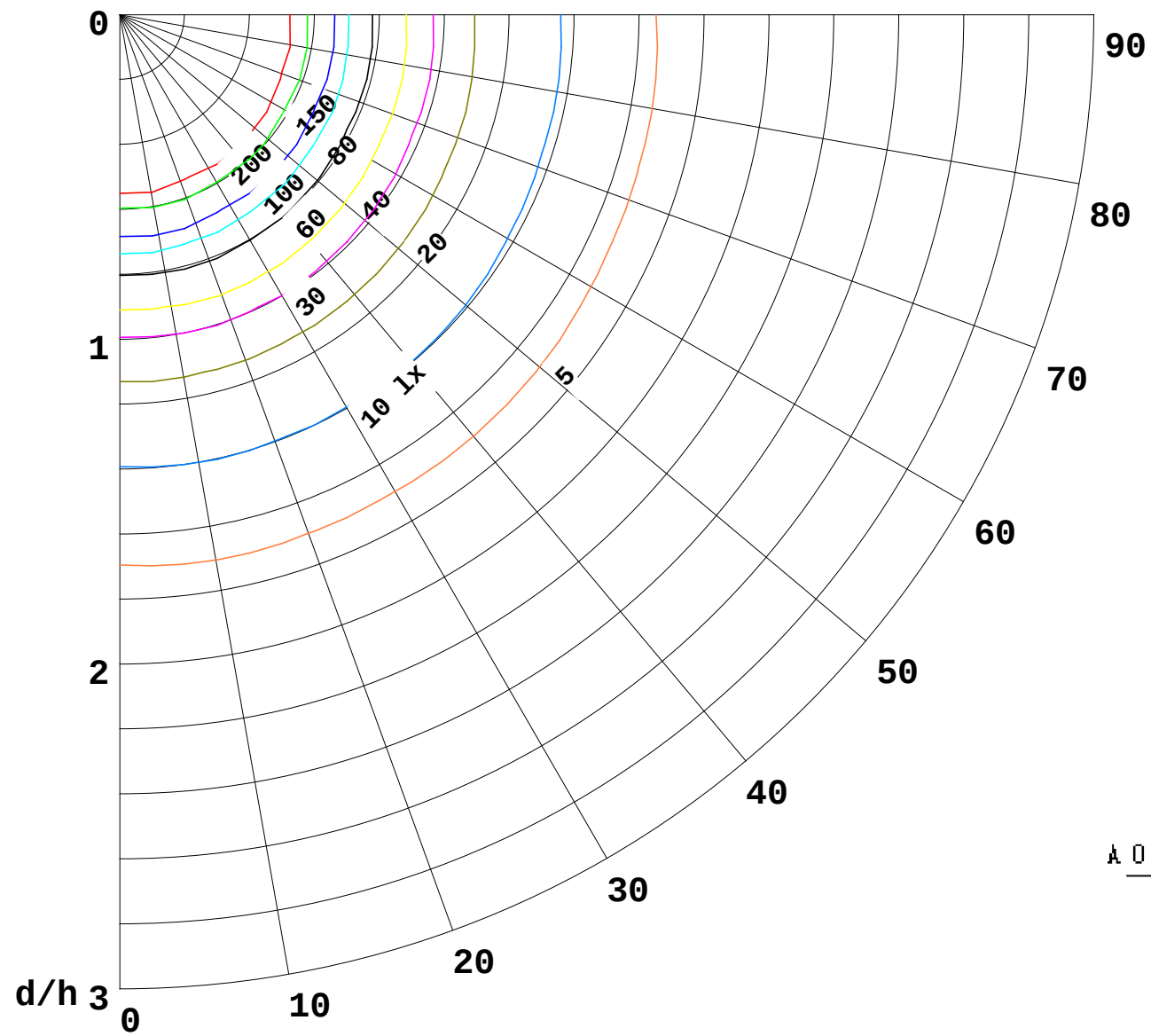
C Range: 0 - 360DEG
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g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:



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

