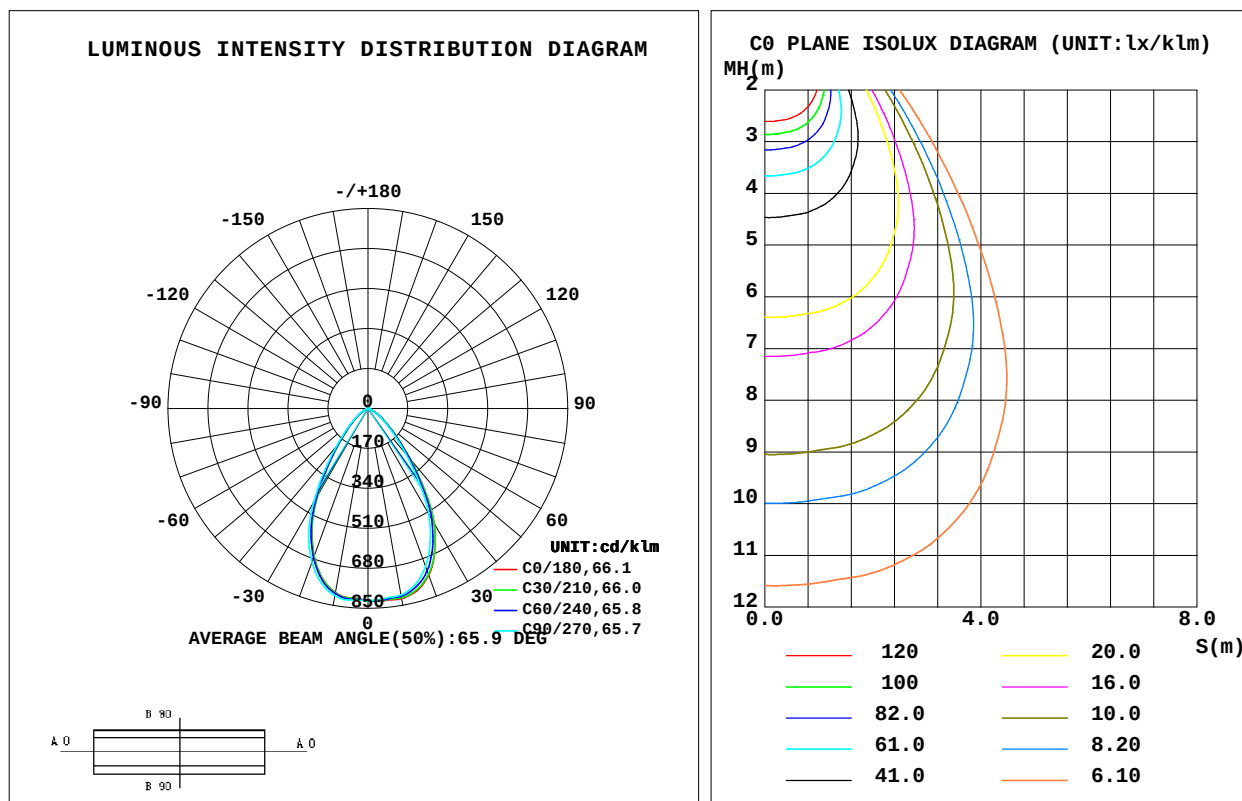


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.11 lm/W			
MODEL	PS-X16-D-30K60D80RA	I _{max} (cd/klm)	821.5	S/MH(C0/180)	0.93
NOMINAL POWER(W)	30W	LOR(%)	100.0	S/MH(C90/270)	0.95
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm/klm)	1000.0	h UP, DN(C0-180)	0.3,51.8
NOMINAL FLUX(lm)	2817.37	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4,47.4
LAMPS INSIDE	1	h up(%)	0.8	CIBSE SHR NOM	1.00
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	821.0	813.5	805.9	797.4	794.9	795.8	808.0	818.2	0- 10	77.50	77.50	7.75, 7.75
20	755.3	746.5	716.1	692.1	670.7	668.7	696.4	729.8	10- 20	216.2	293.7	29.4, 29.4
30	564.2	559.4	517.5	477.2	436.8	426.9	464.3	515.8	20- 30	279.8	573.5	57.4, 57.4
40	277.4	280.0	251.3	218.9	192.4	186.4	207.1	239.1	30- 40	220.5	794.0	79.4, 79.4
50	112.2	115.0	103.6	89.92	78.62	76.48	84.80	96.23	40- 50	117.0	911.1	91.1, 91.1
60	43.74	45.42	40.77	35.25	29.58	27.37	29.89	35.20	50- 60	54.73	965.8	96.6, 96.6
70	11.31	12.20	10.53	8.922	7.561	7.277	7.937	9.135	60- 70	19.79	985.6	98.6, 98.6
80	3.198	3.434	3.075	2.587	1.932	1.574	1.793	2.506	70- 80	5.500	991.1	99.1, 99.1
90	0.1321	0.2304	0.1913	0.0667	0.0753	0.0685	0.0696	0.0571	80- 90	1.060	992.2	99.2, 99.2
100	0.1094	0.1095	0.1103	0.1305	0.1954	0.1950	0.1830	0.1465	90-100	0.1109	992.3	99.2, 99.2
110	0.2368	0.2324	0.2482	0.2839	0.4764	0.4833	0.4402	0.3767	100-110	0.2454	992.5	99.3, 99.3
120	0.5231	0.5068	0.5554	0.6315	0.9956	1.015	0.9241	0.8182	110-120	0.5165	993.0	99.3, 99.3
130	1.071	1.036	1.133	1.259	1.778	1.793	1.666	1.510	120-130	0.9385	994.0	99.4, 99.4
140	1.817	1.782	1.895	2.065	2.662	2.671	2.523	2.346	130-140	1.388	995.4	99.5, 99.5
150	2.594	2.551	2.681	2.820	3.427	3.404	3.309	3.111	140-150	1.630	997.0	99.7, 99.7
160	3.254	3.174	3.322	3.395	3.963	3.937	3.876	3.690	150-160	1.515	998.5	99.8, 99.8
170	3.904	3.851	3.960	4.081	4.442	4.472	4.396	4.287	160-170	1.088	999.6	100, 100
180	4.587	4.592	4.558	4.631	4.587	4.593	4.560	4.625	170-180	0.4162	1000	100, 100
DEG	LUMINOUS INTENSITY: cd/klm									UNIT: lm/klm		

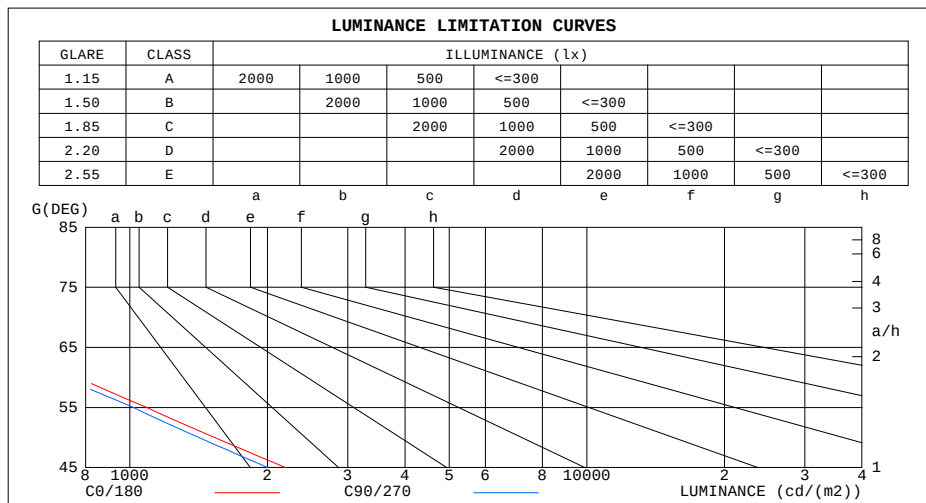
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	60	112
80	162	156
75	204	188
70	291	271
65	492	451
60	770	718
55	1090	1020
50	1537	1419
45	2197	2007

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

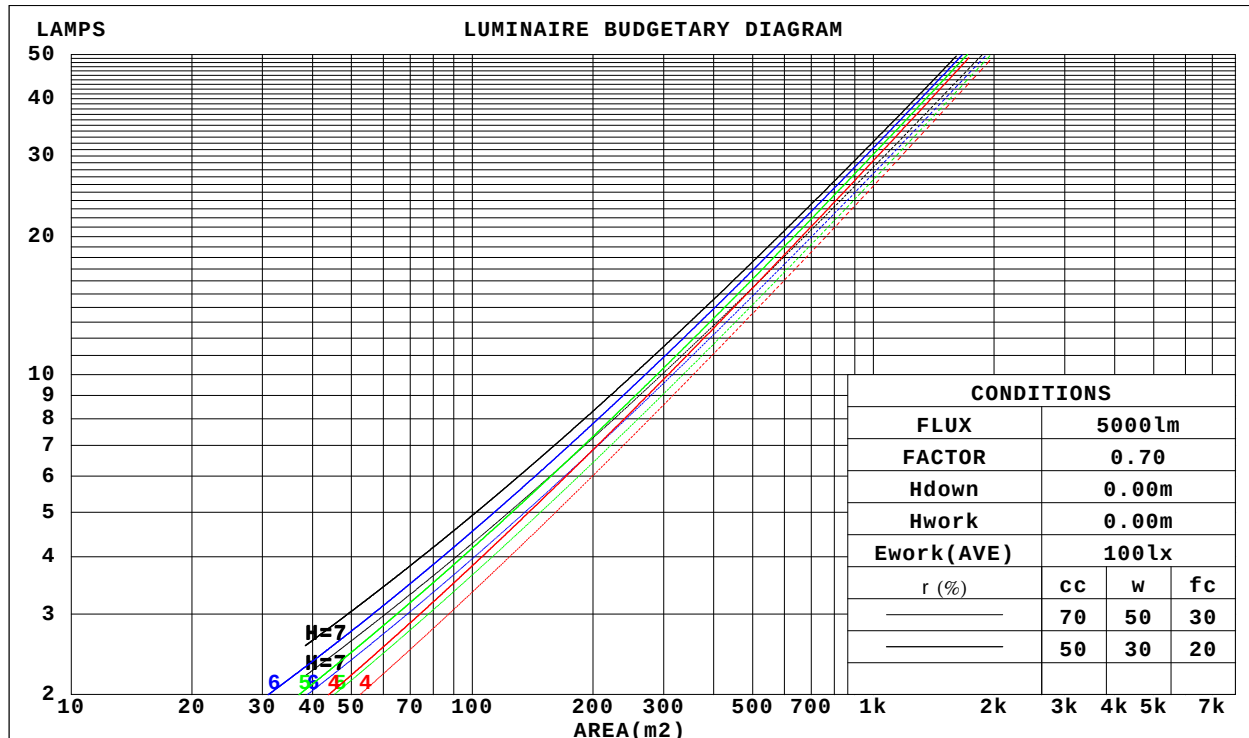
g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.00	.96	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.87	.82	.91	.85	.81	.88	.83	.80	.85	.82	.78	.83	.80	.77	.75
4.0	.85	.79	.74	.84	.78	.73	.81	.76	.72	.79	.75	.71	.77	.74	.71	.69
5.0	.79	.72	.67	.78	.71	.67	.76	.70	.66	.74	.69	.65	.72	.68	.65	.63
6.0	.73	.66	.61	.72	.66	.61	.70	.65	.61	.69	.64	.60	.67	.63	.60	.58
7.0	.68	.61	.56	.67	.61	.56	.66	.60	.56	.64	.59	.55	.63	.58	.55	.53
8.0	.63	.57	.52	.63	.56	.52	.61	.56	.52	.60	.55	.51	.59	.55	.51	.49
9.0	.59	.53	.48	.59	.52	.48	.58	.52	.48	.57	.51	.48	.56	.51	.47	.46
10.0	.56	.49	.45	.55	.49	.45	.54	.49	.45	.53	.48	.44	.52	.48	.44	.43



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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 lm					
NAME: Blacksnow			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:		Shielding Angle:

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 Wall Exitance Coefficients(WEC)															
0.0																
1.0	.202	.115	.036	.195	.111	.035	.182	.104	.033	.170	.098	.031	.158	.092	.030	
2.0	.195	.107	.033	.189	.104	.032	.178	.099	.031	.168	.094	.029	.158	.089	.028	
3.0	.187	.099	.030	.181	.097	.029	.172	.093	.028	.163	.089	.027	.154	.085	.026	
4.0	.177	.092	.027	.173	.090	.027	.164	.087	.026	.157	.084	.025	.149	.081	.025	
5.0	.169	.086	.025	.165	.084	.025	.157	.082	.024	.150	.079	.024	.144	.077	.023	
6.0	.160	.080	.023	.157	.079	.023	.150	.077	.022	.144	.075	.022	.138	.073	.022	
7.0	.152	.075	.021	.149	.074	.021	.143	.072	.021	.138	.071	.021	.132	.069	.020	
8.0	.145	.071	.020	.142	.070	.020	.137	.068	.020	.132	.067	.019	.127	.065	.019	
9.0	.138	.067	.019	.136	.066	.019	.131	.065	.018	.126	.063	.018	.122	.062	.018	
10.0	.132	.063	.018	.130	.063	.017	.125	.061	.017	.121	.060	.017	.117	.059	.017	

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	.196	.196	.196	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.179	.163	.149	.153	.140	.128	.105	.096	.089	.060	.056	.052	.019	.018	.017	
2.0	.165	.138	.116	.142	.119	.100	.097	.082	.070	.056	.048	.041	.018	.016	.013	
3.0	.155	.120	.092	.132	.103	.080	.091	.072	.056	.053	.042	.033	.017	.014	.011	
4.0	.145	.106	.075	.125	.091	.065	.086	.064	.046	.050	.037	.027	.016	.012	.009	
5.0	.137	.094	.063	.118	.082	.054	.081	.057	.038	.047	.033	.023	.015	.011	.008	
6.0	.130	.085	.053	.112	.074	.046	.077	.052	.033	.045	.030	.019	.014	.010	.006	
7.0	.124	.078	.046	.107	.068	.040	.074	.047	.028	.043	.028	.017	.014	.009	.006	
8.0	.118	.072	.040	.102	.062	.035	.071	.044	.025	.041	.026	.015	.013	.008	.005	
9.0	.113	.067	.036	.098	.058	.031	.068	.041	.022	.039	.024	.013	.013	.008	.004	
10.0	.109	.063	.032	.094	.054	.028	.065	.038	.020	.038	.023	.012	.012	.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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 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	12H	12.4	13.5	12.6	13.7	13.8	12.0	13.1	12.3	13.3	13.5
	8H	12.4	13.4	12.6	13.6	13.8	12.0	13.0	12.3	13.2	13.4
	6H	12.3	13.2	12.6	13.5	13.7	11.9	12.9	12.2	13.1	13.4
	4H	12.2	13.1	12.5	13.4	13.6	11.9	12.7	12.2	13.0	13.3
	3H	12.2	13.0	12.5	13.3	13.6	11.8	12.7	12.1	12.9	13.2
	2H	12.1	13.0	12.5	13.2	13.5	11.8	12.6	12.1	12.9	13.2
4H	12H	12.3	13.2	12.6	13.5	13.7	12.0	12.9	12.3	13.2	13.4
	8H	12.3	13.1	12.7	13.4	13.7	12.0	12.8	12.3	13.1	13.4
	6H	12.3	13.0	12.6	13.3	13.7	11.9	12.7	12.3	13.0	13.3
	4H	12.2	12.9	12.6	13.2	13.6	11.9	12.5	12.3	12.9	13.2
	3H	12.2	12.8	12.6	13.1	13.5	11.8	12.4	12.3	12.8	13.2
	2H	12.1	12.7	12.6	13.1	13.5	11.8	12.3	12.2	12.7	13.1
8H	12H	12.2	12.8	12.6	13.1	13.5	11.8	12.4	12.2	12.8	13.2
	6H	12.1	12.6	12.6	13.0	13.5	11.8	12.3	12.2	12.7	13.1
	4H	12.1	12.5	12.6	13.0	13.4	11.8	12.2	12.2	12.6	13.1
	2H	12.1	12.4	12.5	12.9	13.4	11.7	12.1	12.2	12.5	13.0
12H	12H	12.1	12.7	12.5	13.1	13.5	11.8	12.3	12.2	12.7	13.1
	6H	12.1	12.5	12.5	12.9	13.4	11.7	12.2	12.2	12.6	13.1
	4H	12.1	12.4	12.5	12.9	13.4	11.7	12.1	12.2	12.5	13.0
Variations with the observer position at spacings:											
S = 1.0H		+ 1.7 / - 3.1				+ 1.7 / - 3.1					
1.5H		+ 2.3 / - 2.1				+ 2.1 / - 1.9					
2.0H		+ 3.2 / - 3.2				+ 3.1 / - 3.1					

CIE Pub.117, 2817 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.6$)

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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 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	78	71	66	78	70	66	77	70	66	61
0.80	87	80	75	86	79	75	85	79	74	70
1.00	93	86	82	92	86	81	90	86	81	76
1.25	98	92	88	97	91	87	95	90	86	81
1.50	102	96	92	100	95	91	98	93	90	85
2.00	105	100	97	104	99	96	101	97	94	88
2.50	108	103	99	106	102	98	102	99	96	90
3.00	110	105	102	108	104	101	104	101	99	92
4.00	112	109	106	110	107	104	106	104	102	94
5.00	113	111	108	111	109	107	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

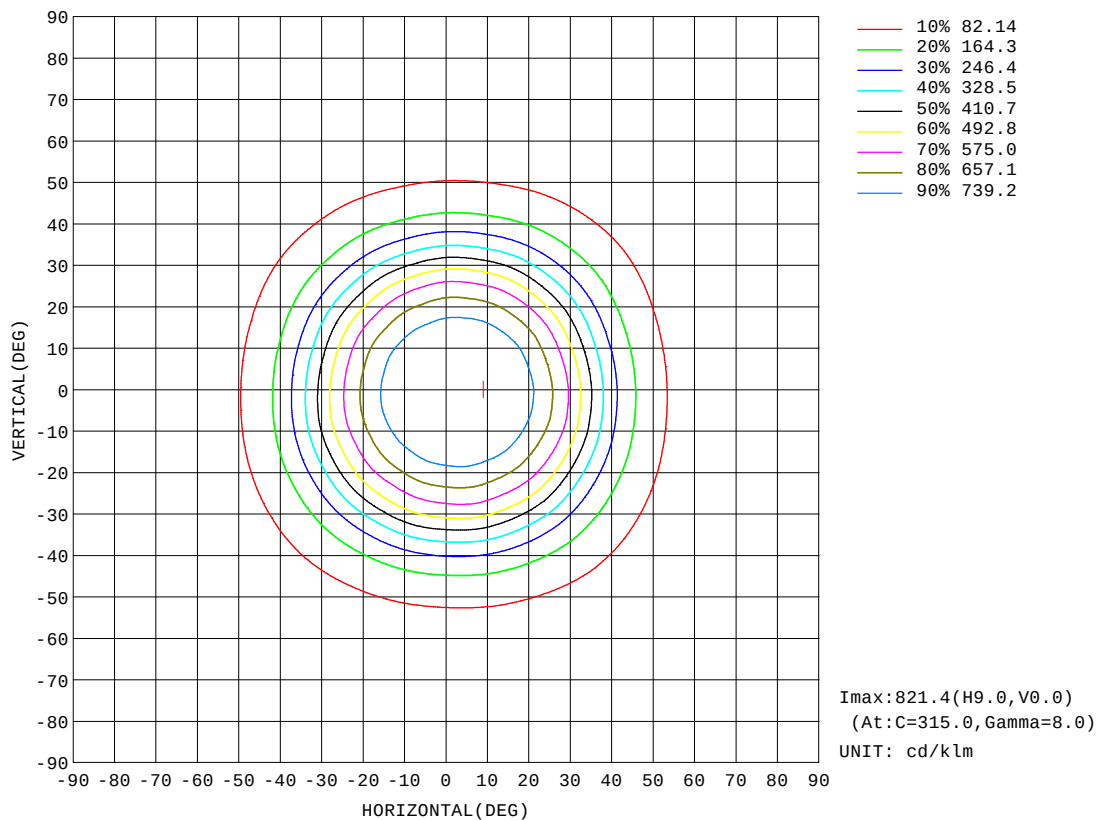
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-07-10

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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



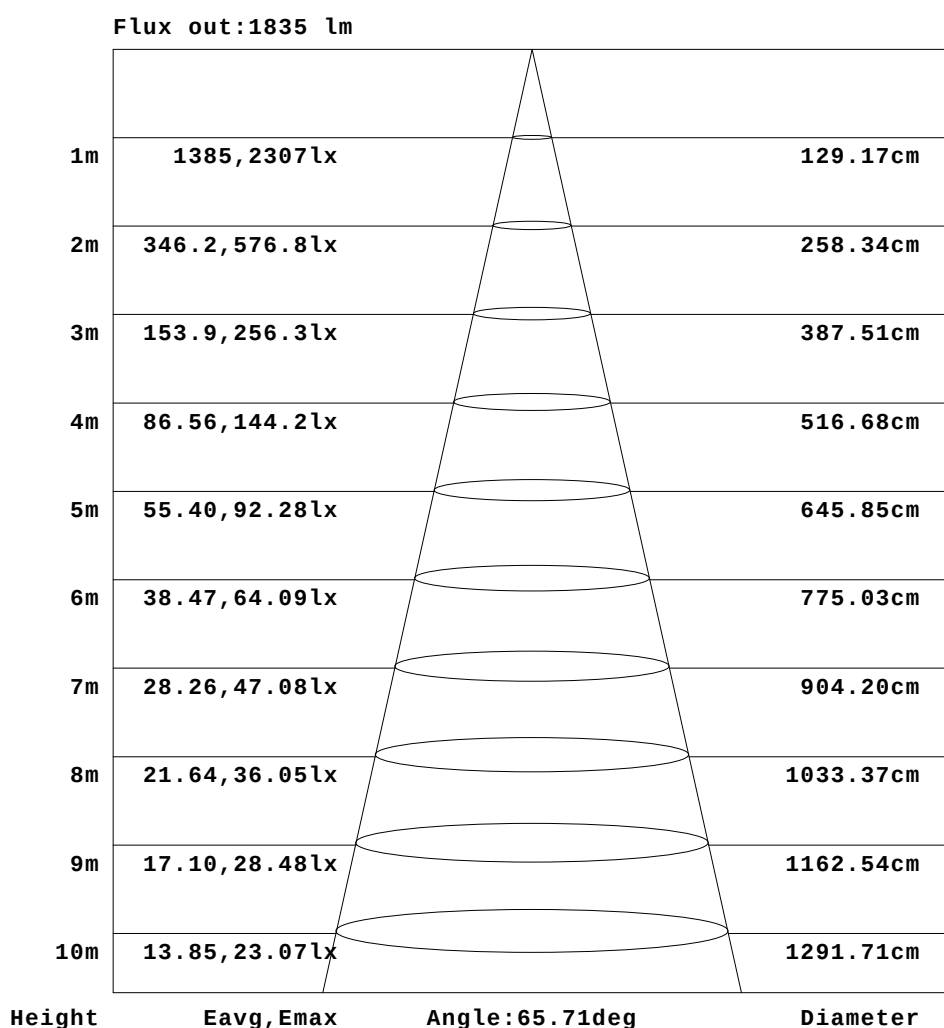
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 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.

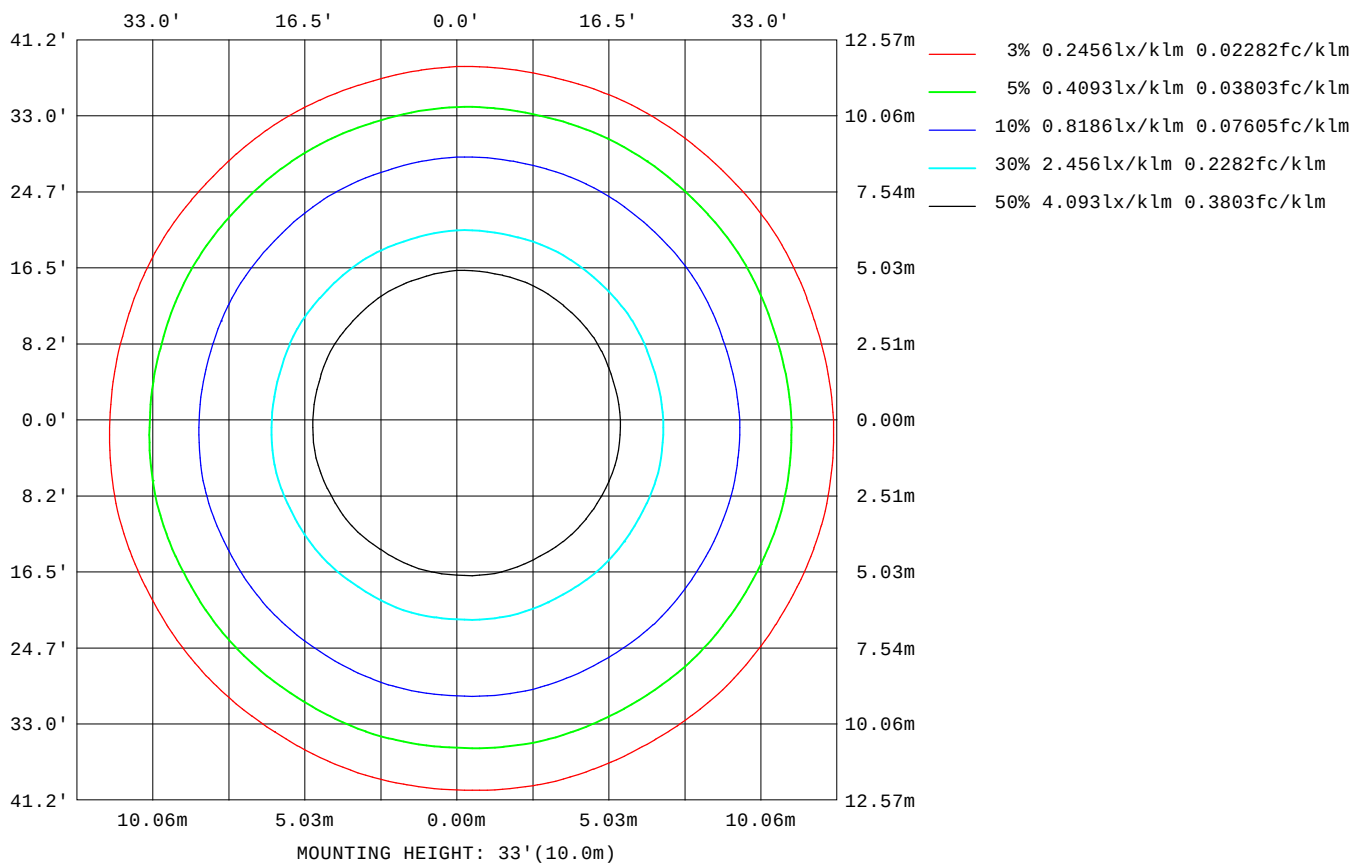
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

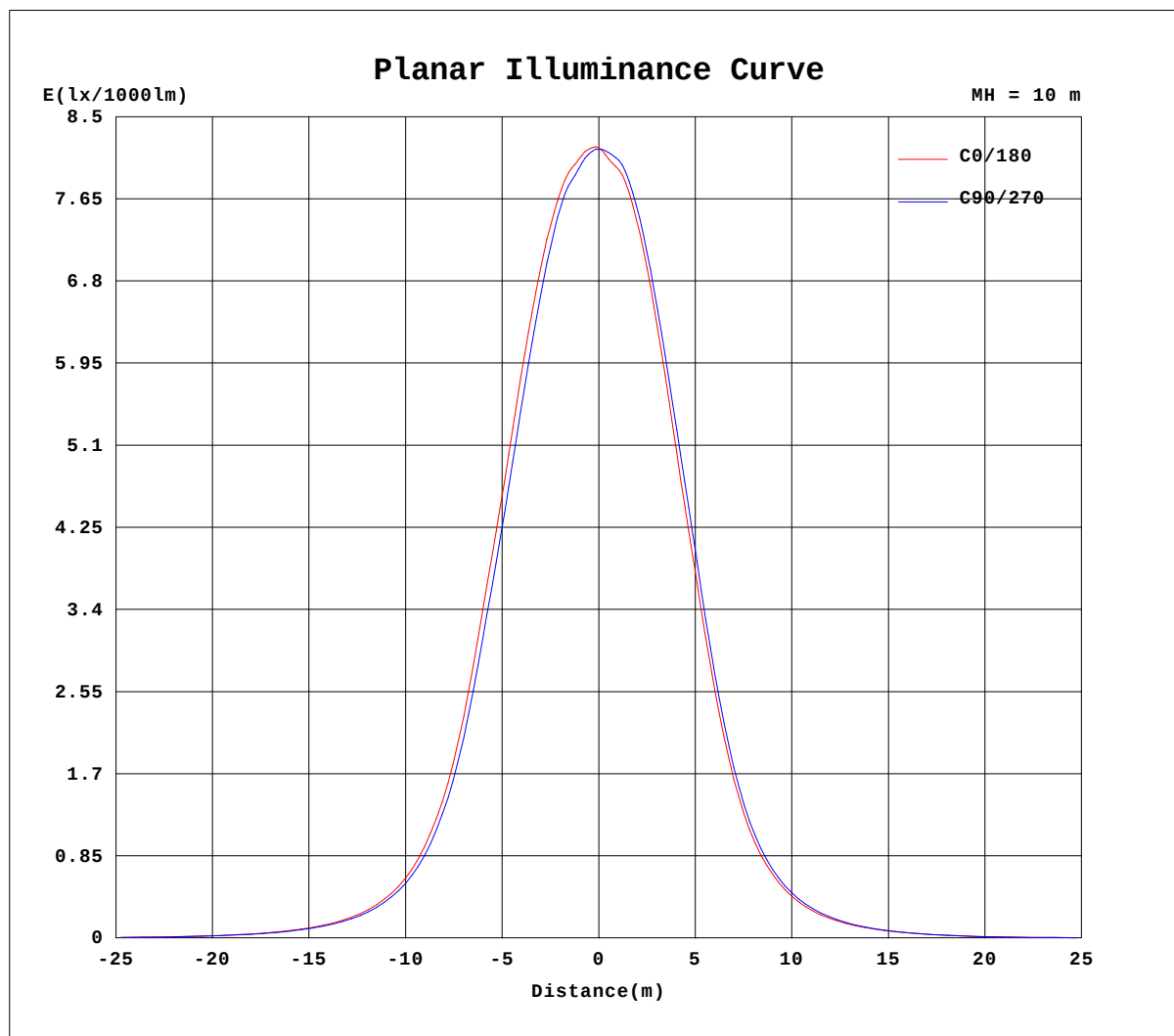
AvgL	cd/m2
L_0~180(65)av	404
L_0~180(75)av	167
L_0~180(85)av	59
L_90~270(65)av	384
L_90~270(75)av	163
L_90~270(85)av	79
L_45(65)av	393
L_45(75)av	165
L_45(85)av	81

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:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 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	818	817	817	817	817	817	816	817	816	816	816	817	818	817	817	817	817	817	816
5	820	819	818	817	815	814	811	808	805	805	805	806	808	809	810	812	815	816	817
10	821	819	817	814	811	808	806	804	799	797	796	796	795	794	796	796	799	803	808
15	803	802	798	795	786	781	775	771	763	759	754	752	749	746	749	750	755	758	768
20	755	755	751	746	735	728	716	709	697	692	681	678	671	665	670	669	677	682	696
25	672	678	670	664	651	644	627	617	601	595	581	577	566	561	566	564	574	581	599
30	564	572	564	559	542	537	517	507	487	477	460	454	437	426	430	427	439	444	464
35	415	425	418	418	403	395	376	366	346	336	320	314	298	290	292	290	299	304	321
40	277	284	278	280	271	264	251	241	228	219	208	203	192	186	187	186	193	196	207
45	176	182	180	180	174	170	161	155	146	140	133	130	123	119	120	119	124	126	133
50	112	116	115	115	111	109	104	99.7	93.4	89.9	85.4	82.9	78.6	76.4	77.0	76.5	78.9	80.5	84.8
55	71.0	73.8	73.3	73.5	71.0	70.1	66.5	64.3	60.0	57.8	54.5	53.0	50.0	48.1	48.2	47.6	49.1	49.8	52.5
60	43.7	45.5	45.1	45.4	43.9	43.1	40.8	39.3	36.6	35.3	32.9	31.9	29.6	28.3	27.8	27.4	27.9	28.3	29.9
65	23.6	24.8	24.6	24.9	23.7	23.2	21.6	20.8	19.0	18.2	16.9	16.4	15.2	14.4	14.4	13.9	14.2	14.3	15.3
70	11.3	12.1	12.0	12.2	11.6	11.3	10.5	10.1	9.28	8.92	8.31	8.04	7.56	7.28	7.41	7.28	7.46	7.49	7.94
75	6.00	6.32	6.28	6.36	6.10	5.96	5.54	5.33	4.87	4.64	4.24	4.10	3.84	3.71	3.71	3.70	3.80	3.84	4.03
80	3.20	3.35	3.36	3.43	3.33	3.27	3.08	2.96	2.74	2.59	2.34	2.20	1.93	1.77	1.72	1.57	1.62	1.61	1.79
85	0.59	1.11	1.26	1.33	1.26	1.25	1.11	1.03	0.89	0.82	0.73	0.68	0.57	0.48	0.43	0.37	0.39	0.38	0.45
90	0.13	0.25	0.28	0.23	0.27	0.26	0.19	0.15	0.08	0.07	0.07	0.07	0.08	0.07	0.08	0.07	0.07	0.06	0.07
95	0.08	0.08	0.07	0.08	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.12	0.12	0.12	0.11	0.11
100	0.11	0.11	0.10	0.11	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.20	0.20	0.20	0.19	0.20	0.19	0.18
105	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.18	0.18	0.19	0.19	0.21	0.31	0.31	0.32	0.31	0.31	0.30	0.29
110	0.24	0.23	0.23	0.23	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.31	0.48	0.49	0.49	0.48	0.47	0.46	0.44
115	0.35	0.34	0.34	0.34	0.35	0.36	0.37	0.39	0.40	0.42	0.45	0.47	0.70	0.72	0.71	0.72	0.69	0.68	0.65
120	0.52	0.51	0.51	0.51	0.52	0.53	0.56	0.57	0.61	0.63	0.67	0.69	1.00	1.02	1.01	1.02	0.98	0.97	0.92
125	0.76	0.74	0.74	0.74	0.76	0.77	0.81	0.83	0.88	0.91	0.96	0.99	1.36	1.39	1.38	1.38	1.34	1.32	1.27
130	1.07	1.04	1.04	1.04	1.06	1.08	1.13	1.16	1.22	1.26	1.32	1.35	1.78	1.81	1.79	1.79	1.75	1.73	1.67
135	1.43	1.40	1.40	1.39	1.42	1.44	1.50	1.54	1.60	1.65	1.72	1.75	2.23	2.25	2.24	2.23	2.19	2.15	2.09
140	1.82	1.78	1.78	1.78	1.81	1.83	1.89	1.93	2.01	2.06	2.13	2.16	2.66	2.69	2.68	2.67	2.62	2.59	2.52
145	2.22	2.17	2.18	2.18	2.21	2.23	2.30	2.34	2.40	2.47	2.52	2.55	3.07	3.10	3.08	3.07	3.02	2.99	2.93
150	2.59	2.55	2.54	2.55	2.58	2.61	2.68	2.72	2.77	2.82	2.87	2.91	3.43	3.45	3.43	3.40	3.37	3.37	3.31
155	2.93	2.88	2.87	2.88	2.91	2.97	3.04	3.08	3.09	3.12	3.16	3.22	3.72	3.75	3.72	3.68	3.66	3.66	3.61
160	3.25	3.20	3.17	3.17	3.20	3.27	3.32	3.36	3.38	3.40	3.45	3.50	3.96	4.00	3.96	3.94	3.92	3.92	3.88
165	3.57	3.51	3.48	3.49	3.54	3.58	3.63	3.67	3.68	3.72	3.76	3.81	4.20	4.23	4.22	4.20	4.19	4.20	4.16
170	3.90	3.86	3.84	3.85	3.90	3.92	3.96	3.99	4.03	4.08	4.13	4.17	4.44	4.48	4.49	4.47	4.44	4.42	4.40
175	4.28	4.26	4.25	4.26	4.27	4.27	4.28	4.31	4.36	4.44	4.47	4.48	4.62	4.63	4.67	4.66	4.63	4.60	4.59
180	4.59	4.58	4.57	4.59	4.57	4.56	4.56	4.56	4.58	4.63	4.61	4.61	4.59	4.58	4.58	4.59	4.58	4.56	4.56

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.48V I:0.1305A P:28.142W PF:0.9784 Freq:49.99Hz Lamp Flux:2817.37x1 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	817	816	816	816	817														
5	818	817	817	817	817														
10	811	815	818	819	819														
15	773	782	789	795	797														
20	706	720	730	743	747														
25	607	625	637	655	659														
30	478	501	516	536	546														
35	331	352	365	385	394														
40	214	229	239	252	261														
45	137	146	152	161	166														
50	87.2	92.4	96.2	102	105														
55	54.0	57.8	59.9	64.1	66.1														
60	30.8	33.4	35.2	38.3	40.2														
65	15.8	17.3	18.4	20.2	21.3														
70	8.11	8.75	9.13	9.85	10.2														
75	4.11	4.40	4.68	5.17	5.41														
80	1.92	2.27	2.51	2.78	2.90														
85	0.50	0.61	0.69	0.82	0.91														
90	0.06	0.06	0.06	0.06	0.09														
95	0.10	0.10	0.09	0.09	0.08														
100	0.17	0.16	0.15	0.14	0.13														
105	0.27	0.26	0.24	0.23	0.22														
110	0.42	0.40	0.38	0.36	0.35														
115	0.63	0.59	0.57	0.54	0.53														
120	0.90	0.85	0.82	0.78	0.76														
125	1.24	1.17	1.14	1.09	1.07														
130	1.62	1.55	1.51	1.45	1.43														
135	2.04	1.97	1.92	1.86	1.84														
140	2.47	2.39	2.35	2.28	2.25														
145	2.87	2.79	2.75	2.69	2.66														
150	3.24	3.16	3.11	3.07	3.05														
155	3.54	3.46	3.42	3.39	3.38														
160	3.82	3.73	3.69	3.67	3.67														
165	4.11	4.04	3.96	3.94	3.94														
170	4.36	4.33	4.29	4.24	4.21														
175	4.58	4.58	4.55	4.50	4.47														
180	4.57	4.59	4.62	4.62	4.60														

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 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	818.0	817.3	817.4	816.9	816.9	816.6	816.4	816.6	816.1	816.5
3.0	819.9	819.6	818.8	818.1	817.2	816.2	814.5	813.3	811.2	810.2
6.0	819.0	818.3	816.3	815.2	813.8	811.9	809.3	806.2	803.8	804.1
9.0	821.4	818.9	816.6	813.4	811.6	809.3	807.5	804.9	802.2	801.0
12.0	815.8	815.2	812.3	810.1	804.9	801.6	797.1	795.3	788.9	784.9
15.0	802.6	802.1	798.2	794.8	786.3	781.2	775.5	771.0	763.4	758.5
18.0	777.5	777.6	773.2	770.0	760.2	754.0	742.6	737.0	727.3	722.8
21.0	741.9	743.0	737.9	732.9	721.1	713.0	700.7	693.0	680.6	674.3
24.0	691.8	696.9	688.9	684.1	670.2	663.1	647.2	637.9	623.1	615.6
27.0	631.6	636.9	629.9	623.6	609.0	602.6	585.1	575.0	558.5	552.6
30.0	564.2	571.9	564.0	559.4	542.2	537.2	517.5	507.0	487.3	477.2
33.0	478.0	487.4	480.1	478.5	462.6	455.0	434.1	424.7	403.2	392.7
36.0	385.0	395.1	388.6	388.3	374.0	367.0	348.0	338.3	319.3	310.2
39.0	300.4	310.1	304.7	305.4	293.2	287.9	273.5	263.5	249.7	239.6
42.0	231.4	238.2	235.0	235.4	226.9	221.8	209.9	202.8	191.0	183.7
45.0	176.5	181.7	179.8	179.7	173.7	170.1	161.2	155.5	146.1	140.4
48.0	134.3	138.8	137.4	137.5	132.9	130.4	123.7	119.1	111.6	107.4
51.0	102.2	105.9	105.1	105.0	101.3	99.78	94.57	91.17	85.32	82.25
54.0	77.75	80.55	80.04	80.08	77.42	76.28	72.52	69.95	65.66	63.40
57.0	58.34	61.39	60.31	61.24	58.57	57.94	54.59	52.64	49.06	47.13
60.0	43.74	45.52	45.08	45.42	43.88	43.12	40.77	39.34	36.60	35.25
63.0	30.35	31.95	31.59	32.06	30.56	29.99	28.26	26.78	24.57	23.55
66.0	20.62	21.83	21.63	21.89	20.83	20.35	18.93	18.10	16.50	15.79
69.0	13.13	14.08	13.99	14.22	13.44	13.16	12.16	11.65	10.64	10.23
72.0	8.663	9.183	9.144	9.261	8.848	8.662	8.106	7.786	7.198	6.913
75.0	5.997	6.317	6.280	6.364	6.103	5.959	5.541	5.331	4.866	4.636
78.0	3.986	4.185	4.174	4.245	4.105	4.036	3.801	3.673	3.433	3.301
81.0	2.787	2.960	2.988	3.056	2.966	2.904	2.684	2.562	2.310	2.177
84.0	0.9591	1.524	1.614	1.683	1.609	1.604	1.454	1.365	1.148	1.037
87.0	0.4165	0.6494	0.7668	0.8013	0.7706	0.7632	0.6931	0.6528	0.5560	0.4967
90.0	0.1321	0.2550	0.2816	0.2304	0.2713	0.2596	0.1913	0.1507	0.0787	0.0667
93.0	0.0676	0.0733	0.0676	0.0695	0.0666	0.0714	0.0685	0.0733	0.0685	0.0781
96.0	0.0809	0.0848	0.0780	0.0829	0.0770	0.0857	0.0790	0.0905	0.0847	0.0962
99.0	0.1008	0.1038	0.0951	0.1010	0.0979	0.1057	0.1018	0.1105	0.1084	0.1200
102.0	0.1246	0.1295	0.1199	0.1257	0.1236	0.1296	0.1275	0.1391	0.1389	0.1515
105.0	0.1560	0.1610	0.1550	0.1581	0.1550	0.1648	0.1636	0.1772	0.1769	0.1924
108.0	0.1998	0.2001	0.1931	0.1982	0.1969	0.2077	0.2102	0.2220	0.2264	0.2430
111.0	0.2559	0.2544	0.2464	0.2515	0.2502	0.2620	0.2692	0.2820	0.2901	0.3077
114.0	0.3244	0.3172	0.3111	0.3153	0.3187	0.3296	0.3415	0.3563	0.3710	0.3916
117.0	0.4128	0.4039	0.3985	0.3992	0.4061	0.4192	0.4356	0.4535	0.4756	0.5002
120.0	0.5231	0.5087	0.5060	0.5068	0.5174	0.5296	0.5554	0.5744	0.6059	0.6315
123.0	0.6592	0.6392	0.6383	0.6335	0.6506	0.6640	0.6963	0.7202	0.7601	0.7897
126.0	0.8210	0.7954	0.7944	0.7897	0.8105	0.8259	0.8676	0.8926	0.9409	0.9754
129.0	1.006	0.9755	0.9788	0.9707	0.9959	1.014	1.063	1.089	1.147	1.184
132.0	1.208	1.176	1.181	1.171	1.200	1.218	1.273	1.304	1.365	1.408
135.0	1.430	1.396	1.400	1.390	1.420	1.441	1.501	1.537	1.602	1.653
138.0	1.666	1.628	1.631	1.624	1.655	1.674	1.739	1.771	1.844	1.899
141.0	1.898	1.857	1.863	1.860	1.893	1.909	1.975	2.016	2.090	2.149
144.0	2.136	2.091	2.099	2.103	2.129	2.152	2.221	2.262	2.325	2.389
147.0	2.373	2.325	2.332	2.334	2.360	2.383	2.462	2.497	2.554	2.616
150.0	2.594	2.545	2.545	2.551	2.578	2.607	2.681	2.723	2.768	2.820
153.0	2.798	2.751	2.743	2.752	2.784	2.828	2.903	2.942	2.968	3.006
156.0	3.002	2.946	2.933	2.938	2.971	3.031	3.101	3.134	3.147	3.177
159.0	3.192	3.134	3.116	3.115	3.145	3.209	3.264	3.299	3.315	3.338
162.0	3.377	3.320	3.294	3.292	3.330	3.390	3.441	3.478	3.497	3.514
165.0	3.570	3.510	3.476	3.490	3.536	3.584	3.635	3.670	3.684	3.717
168.0	3.760	3.706	3.678	3.698	3.752	3.791	3.830	3.859	3.886	3.935
171.0	3.980	3.938	3.918	3.931	3.966	3.991	4.021	4.055	4.097	4.148
174.0	4.209	4.182	4.168	4.175	4.191	4.199	4.211	4.246	4.294	4.369
177.0	4.414	4.401	4.393	4.412	4.418	4.411	4.412	4.444	4.476	4.547
180.0	4.587	4.575	4.573	4.592	4.571	4.558	4.558	4.563	4.585	4.631
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	816.4	816.8	818.0	817.3	817.4	816.9	816.9	816.6	816.4	816.6
3.0	808.9	808.6	809.4	809.1	810.7	812.1	814.0	815.3	816.1	816.2
6.0	805.6	806.6	808.6	809.8	810.4	812.2	814.5	816.3	818.6	819.5
9.0	801.2	801.0	800.5	800.3	801.5	801.8	805.1	807.6	812.6	815.1
12.0	782.1	781.8	779.7	778.4	781.0	780.7	786.0	788.6	795.4	798.7
15.0	754.0	752.5	748.7	746.0	749.3	750.1	755.0	758.0	767.8	773.5
18.0	714.5	711.2	705.0	699.9	705.4	704.2	711.0	716.4	728.7	737.0
21.0	663.0	659.2	651.0	645.3	650.7	649.0	658.5	663.5	679.0	688.2
24.0	602.5	598.5	588.3	583.7	589.2	586.6	597.2	604.2	620.1	628.7
27.0	536.5	531.9	518.9	510.3	515.1	512.8	525.1	530.5	550.1	560.8
30.0	459.7	453.6	436.8	425.6	429.5	426.9	439.3	444.0	464.3	477.8

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

Photometric Data Table [cd/klm]

33.0	375.8	369.8	352.3	341.7	345.4	343.2	353.1	358.7	377.1	388.0
36.0	294.6	288.8	274.8	267.0	268.6	267.2	275.1	277.5	295.6	304.2
39.0	227.7	221.5	210.4	204.0	205.0	204.0	210.9	214.7	226.5	234.7
42.0	174.2	169.9	161.2	156.1	156.9	156.1	161.4	164.8	173.6	179.5
45.0	133.2	129.8	123.1	119.3	120.1	119.3	123.5	126.2	133.0	137.1
48.0	101.9	99.16	93.73	91.06	91.72	91.12	94.11	96.12	101.3	104.2
51.0	78.00	75.83	72.03	69.95	70.57	69.96	72.18	73.38	77.49	79.62
54.0	59.98	58.39	55.36	53.24	53.21	52.40	54.58	54.75	58.13	59.43
57.0	44.54	43.35	41.22	39.79	39.86	39.26	40.42	40.75	43.13	44.33
60.0	32.93	31.91	29.58	28.26	27.79	27.37	27.89	28.30	29.89	30.78
63.0	21.91	21.38	20.00	19.06	19.03	18.57	19.04	19.15	20.42	21.09
66.0	14.55	14.09	13.03	12.35	12.41	12.06	12.36	12.38	13.20	13.60
69.0	9.473	9.155	8.582	8.265	8.395	8.247	8.466	8.478	9.003	9.174
72.0	6.464	6.274	5.887	5.646	5.723	5.601	5.730	5.664	6.115	6.281
75.0	4.239	4.099	3.843	3.707	3.707	3.702	3.797	3.837	4.027	4.106
78.0	3.076	2.980	2.757	2.613	2.609	2.515	2.613	2.577	2.791	2.906
81.0	1.910	1.787	1.571	1.409	1.364	1.232	1.260	1.227	1.380	1.481
84.0	0.8955	0.8447	0.7386	0.6462	0.6100	0.5444	0.5605	0.5520	0.6262	0.6692
87.0	0.4093	0.3634	0.2518	0.1575	0.1166	0.0679	0.0732	0.0669	0.1165	0.1567
90.0	0.0679	0.0733	0.0753	0.0704	0.0772	0.0685	0.0744	0.0637	0.0696	0.0590
93.0	0.0780	0.0848	0.1020	0.0961	0.1020	0.0942	0.0982	0.0894	0.0944	0.0828
96.0	0.0941	0.1057	0.1354	0.1313	0.1373	0.1293	0.1334	0.1246	0.1239	0.1094
99.0	0.1189	0.1334	0.1782	0.1769	0.1839	0.1750	0.1773	0.1674	0.1668	0.1512
102.0	0.1541	0.1667	0.2364	0.2397	0.2440	0.2378	0.2363	0.2264	0.2211	0.2055
105.0	0.1931	0.2115	0.3097	0.3140	0.3155	0.3121	0.3059	0.2959	0.2869	0.2693
108.0	0.2501	0.2677	0.4022	0.4128	0.4127	0.4081	0.3993	0.3891	0.3726	0.3529
111.0	0.3196	0.3382	0.5174	0.5309	0.5279	0.5308	0.5117	0.4985	0.4774	0.4557
114.0	0.4109	0.4297	0.6508	0.6670	0.6632	0.6613	0.6413	0.6299	0.6013	0.5785
117.0	0.5250	0.5469	0.8109	0.8306	0.8233	0.8258	0.8023	0.7858	0.7508	0.7259
120.0	0.6668	0.6916	0.9956	1.023	1.011	1.015	0.9832	0.9686	0.9241	0.8972
123.0	0.8324	0.8611	1.208	1.238	1.224	1.227	1.190	1.174	1.124	1.091
126.0	1.027	1.056	1.443	1.471	1.457	1.459	1.419	1.399	1.344	1.306
129.0	1.243	1.276	1.693	1.727	1.708	1.708	1.664	1.644	1.582	1.541
132.0	1.475	1.506	1.954	1.987	1.969	1.968	1.918	1.894	1.832	1.786
135.0	1.718	1.753	2.227	2.253	2.236	2.233	2.187	2.155	2.091	2.040
138.0	1.967	2.000	2.490	2.519	2.502	2.501	2.450	2.419	2.349	2.298
141.0	2.212	2.239	2.744	2.774	2.758	2.755	2.700	2.677	2.608	2.550
144.0	2.449	2.479	2.994	3.022	3.007	2.997	2.944	2.916	2.858	2.788
147.0	2.672	2.709	3.224	3.247	3.228	3.212	3.171	3.151	3.088	3.018
150.0	2.868	2.912	3.427	3.446	3.428	3.404	3.370	3.368	3.309	3.239
153.0	3.049	3.100	3.609	3.632	3.611	3.576	3.549	3.550	3.505	3.431
156.0	3.221	3.277	3.772	3.802	3.770	3.731	3.708	3.708	3.668	3.602
159.0	3.389	3.447	3.916	3.951	3.915	3.887	3.868	3.865	3.824	3.764
162.0	3.565	3.621	4.053	4.089	4.059	4.042	4.032	4.030	3.983	3.929
165.0	3.763	3.812	4.201	4.231	4.221	4.203	4.192	4.197	4.161	4.109
168.0	3.983	4.026	4.345	4.383	4.392	4.366	4.343	4.333	4.306	4.261
171.0	4.199	4.242	4.487	4.524	4.541	4.522	4.492	4.465	4.436	4.417
174.0	4.408	4.429	4.589	4.608	4.647	4.641	4.613	4.585	4.561	4.549
177.0	4.565	4.563	4.639	4.642	4.663	4.667	4.636	4.620	4.603	4.594
180.0	4.612	4.607	4.587	4.576	4.576	4.593	4.575	4.558	4.560	4.566
G/C	300.0	315.0	330.0	345.0						
0.0	816.1	816.5	816.4	816.8						
3.0	816.5	816.6	817.3	817.9						
6.0	819.1	818.4	817.8	818.0						
9.0	818.6	820.6	820.6	819.8						
12.0	804.7	809.3	812.6	813.6						
15.0	781.9	789.2	794.9	796.9						
18.0	749.0	757.4	767.5	769.8						
21.0	703.6	713.5	728.2	732.8						
24.0	646.4	657.6	675.7	679.3						
27.0	580.5	593.7	611.3	617.5						
30.0	501.1	515.8	536.4	546.0						
33.0	411.4	424.5	446.7	456.0						
36.0	325.1	336.9	356.5	365.4						
39.0	250.0	262.0	276.1	283.3						
42.0	191.0	199.4	211.4	217.4						
45.0	145.6	151.7	161.0	165.7						
48.0	110.6	115.2	122.3	126.1						
51.0	84.42	87.74	93.30	95.93						
54.0	63.48	66.08	70.64	72.72						
57.0	47.28	49.21	52.52	54.25						
60.0	33.43	35.20	38.33	40.23						
63.0	22.86	24.13	26.16	27.66						
66.0	14.90	15.80	17.43	18.41						

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:

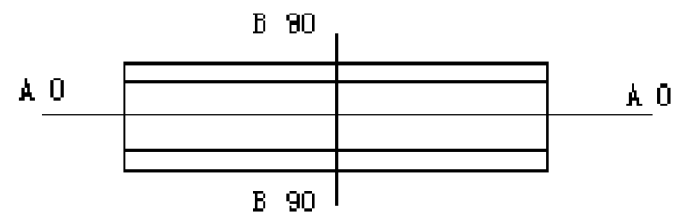
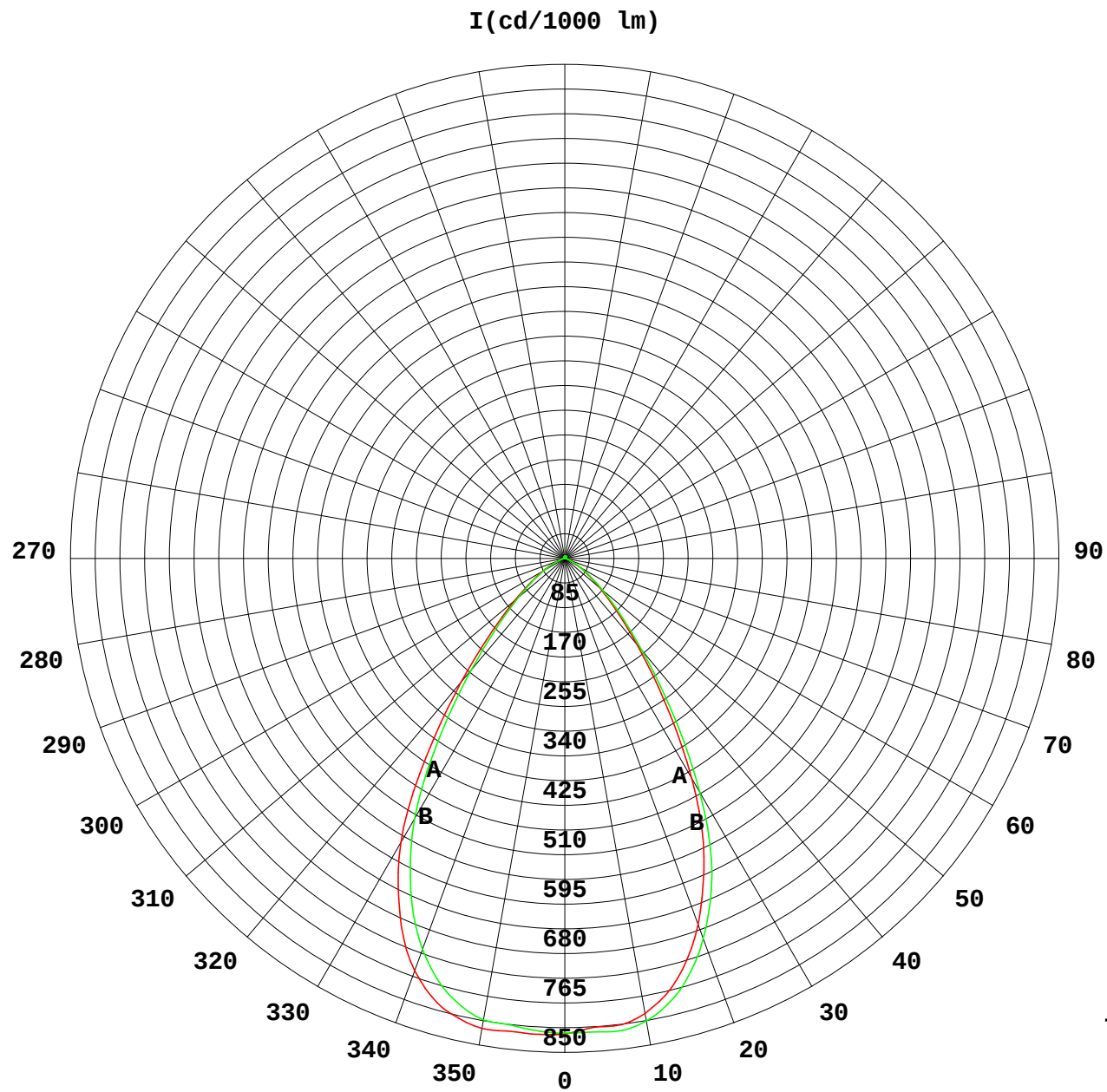
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

69.0	9.929	10.38	11.26	11.76
72.0	6.814	7.139	7.654	7.909
75.0	4.399	4.682	5.167	5.412
78.0	3.181	3.346	3.576	3.688
81.0	1.792	2.013	2.347	2.472
84.0	0.7889	0.8881	1.080	1.196
87.0	0.2669	0.3490	0.4629	0.5394
90.0	0.0601	0.0571	0.0572	0.0877
93.0	0.0820	0.0713	0.0725	0.0637
96.0	0.1096	0.0961	0.0982	0.0875
99.0	0.1468	0.1313	0.1315	0.1199
102.0	0.1954	0.1798	0.1763	0.1636
105.0	0.2573	0.2407	0.2316	0.2188
108.0	0.3345	0.3149	0.3021	0.2892
111.0	0.4307	0.4110	0.3935	0.3786
114.0	0.5460	0.5233	0.4984	0.4833
117.0	0.6851	0.6574	0.6270	0.6126
120.0	0.8460	0.8182	0.7784	0.7630
123.0	1.034	1.002	0.9565	0.9391
126.0	1.244	1.207	1.158	1.138
129.0	1.468	1.432	1.376	1.357
132.0	1.711	1.671	1.614	1.591
135.0	1.966	1.920	1.861	1.838
138.0	2.224	2.179	2.114	2.092
141.0	2.472	2.427	2.362	2.337
144.0	2.717	2.673	2.616	2.584
147.0	2.948	2.901	2.849	2.825
150.0	3.157	3.111	3.065	3.047
153.0	3.342	3.296	3.264	3.246
156.0	3.513	3.471	3.447	3.438
159.0	3.679	3.636	3.614	3.612
162.0	3.854	3.793	3.769	3.779
165.0	4.040	3.963	3.941	3.938
168.0	4.213	4.153	4.121	4.094
171.0	4.390	4.353	4.301	4.266
174.0	4.548	4.510	4.457	4.424
177.0	4.611	4.603	4.568	4.543
180.0	4.589	4.625	4.615	4.604

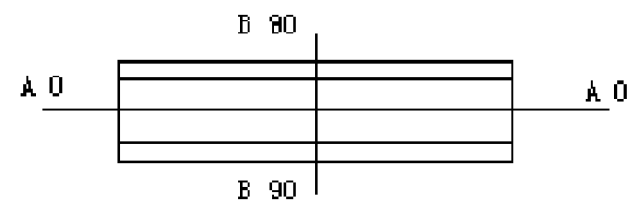
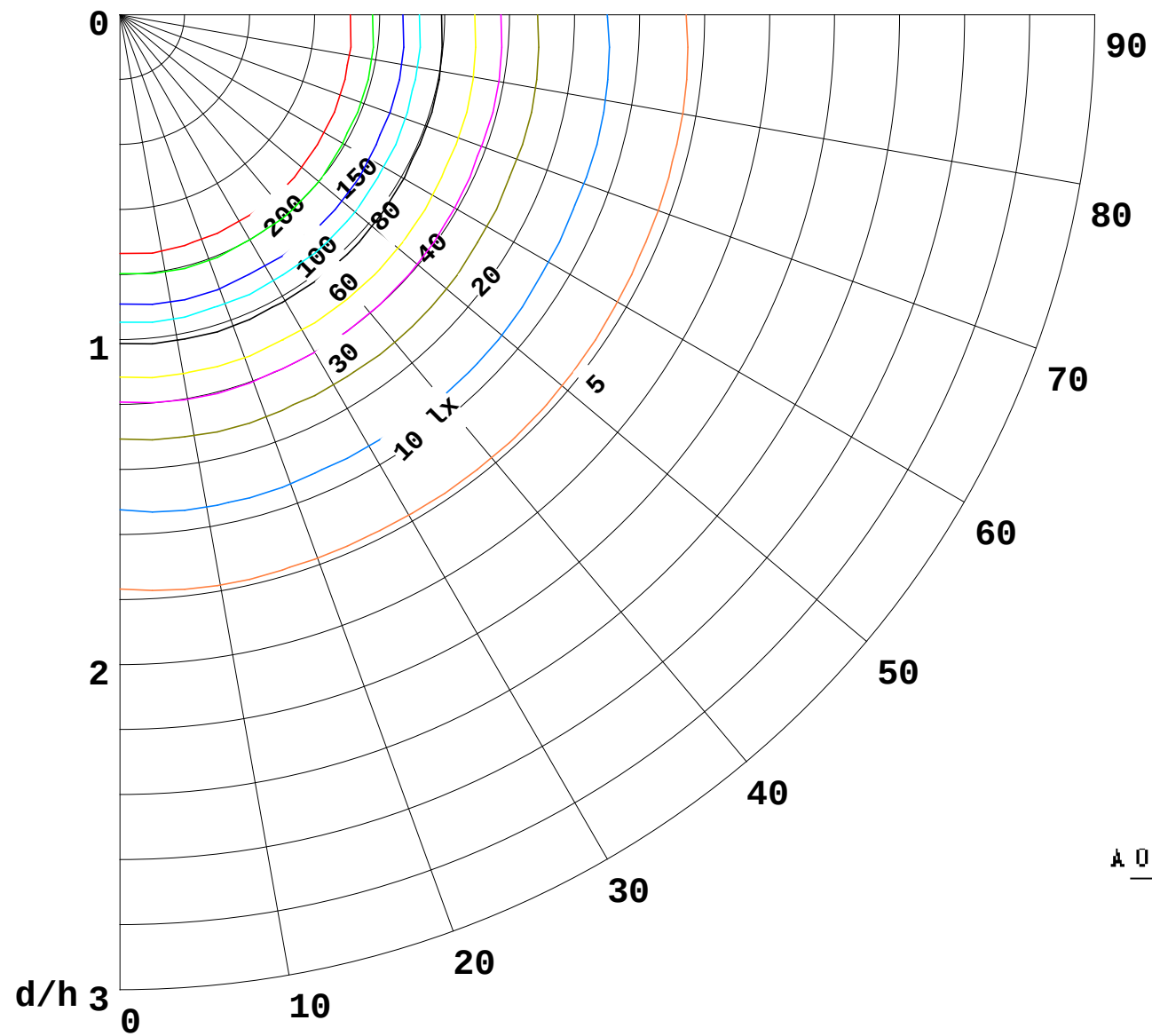
C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature: 25.3DEG
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Test Date: 2018-07-10

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:



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

