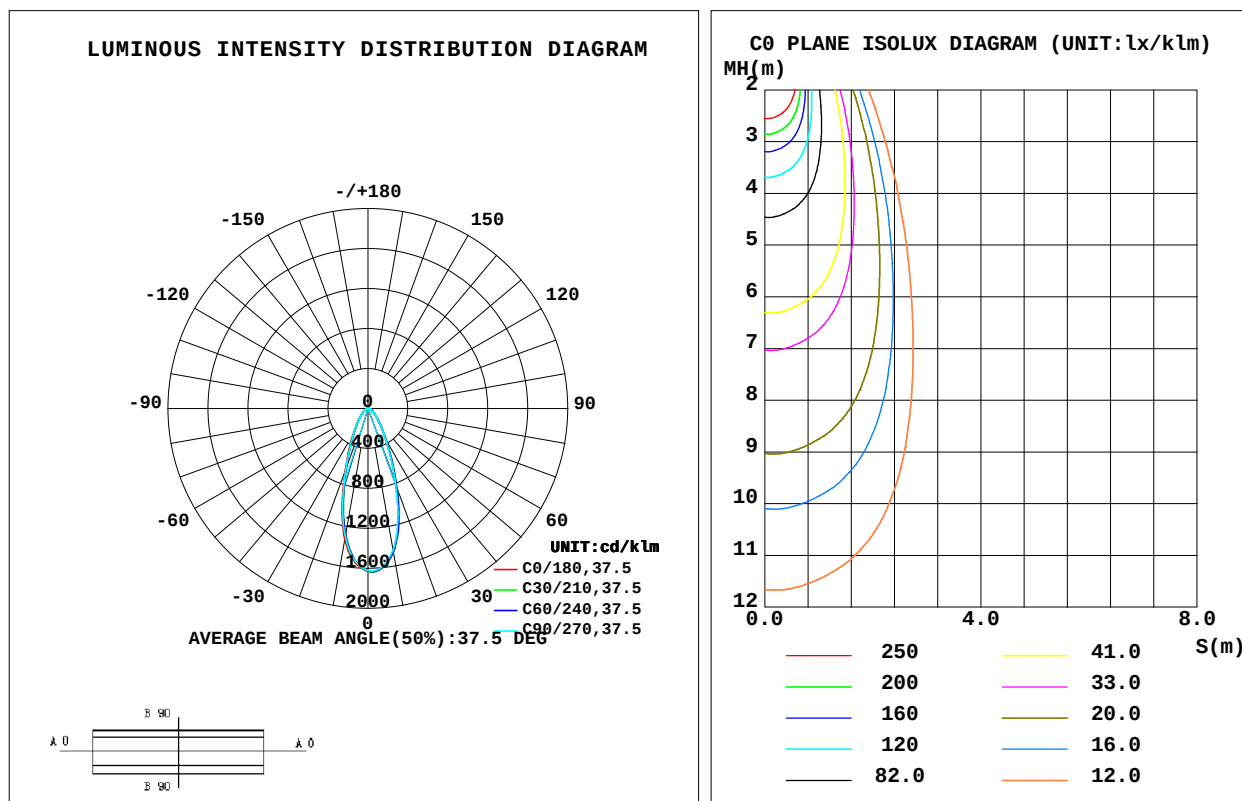


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.06 lm/W			
MODEL	PS-X16-D-30K38D80RA	I _{max} (cd/klm)	1637	S/MH(C0/180)	0.58
NOMINAL POWER(W)	30W	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm/klm)	1000.0	h UP, DN(C0-180)	0.3,53.0
NOMINAL FLUX(lm)	2586.65	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.5,46.2
LAMPS INSIDE	1	h up(%)	0.8	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220.0	h down(%)	99.2	CIBSE SHR MAX	0.65



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	1450	1469	1442	1390	1336	1274	1305	1350	0- 10	143.1	143.1	14.3,14.3
20	818.0	868.9	819.0	747.4	675.5	630.5	661.7	708.4	10- 20	291.8	435.0	43.5,43.5
30	355.1	374.0	354.0	339.5	301.9	279.9	281.9	304.7	20- 30	226.7	661.7	66.2,66.2
40	164.0	171.8	171.2	158.8	143.7	138.3	139.4	146.1	30- 40	139.5	801.2	80.1,80.1
50	88.07	91.73	88.11	85.52	77.21	76.36	76.36	79.28	40- 50	87.66	888.9	88.9,88.9
60	50.42	52.36	50.49	47.72	43.65	41.80	43.15	45.07	50- 60	56.46	945.3	94.5,94.5
70	24.49	24.94	23.53	20.35	17.60	15.89	17.96	19.97	60- 70	32.49	977.8	97.8,97.8
80	6.847	7.057	6.052	5.113	3.699	2.946	3.450	5.227	70- 80	12.33	990.1	99,99
90	0.1983	0.3130	0.2627	0.0861	0.1038	0.0933	0.0986	0.0841	80- 90	1.907	992.1	99.2,99.2
100	0.1513	0.1473	0.1451	0.1629	0.2044	0.2031	0.2055	0.1762	90-100	0.1427	992.2	99.2,99.2
110	0.2809	0.2780	0.2787	0.3008	0.3922	0.4021	0.3954	0.3555	100-110	0.2603	992.5	99.2,99.2
120	0.4933	0.4741	0.4829	0.5073	0.7565	0.7907	0.7668	0.6995	110-120	0.4564	992.9	99.3,99.3
130	0.8808	0.8279	0.8487	0.9006	1.440	1.513	1.458	1.347	120-130	0.7636	993.7	99.4,99.4
140	1.646	1.542	1.589	1.705	2.537	2.646	2.551	2.387	130-140	1.207	994.9	99.5,99.5
150	2.844	2.705	2.791	2.925	3.830	3.913	3.840	3.638	140-150	1.668	996.5	99.7,99.7
160	3.958	3.815	3.932	3.982	4.661	4.668	4.656	4.484	150-160	1.763	998.3	99.8,99.8
170	4.368	4.313	4.344	4.373	4.710	4.742	4.682	4.624	160-170	1.255	999.6	100,100
180	4.653	4.652	4.552	4.607	4.662	4.652	4.560	4.608	170-180	0.4334	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT: lm/klm		

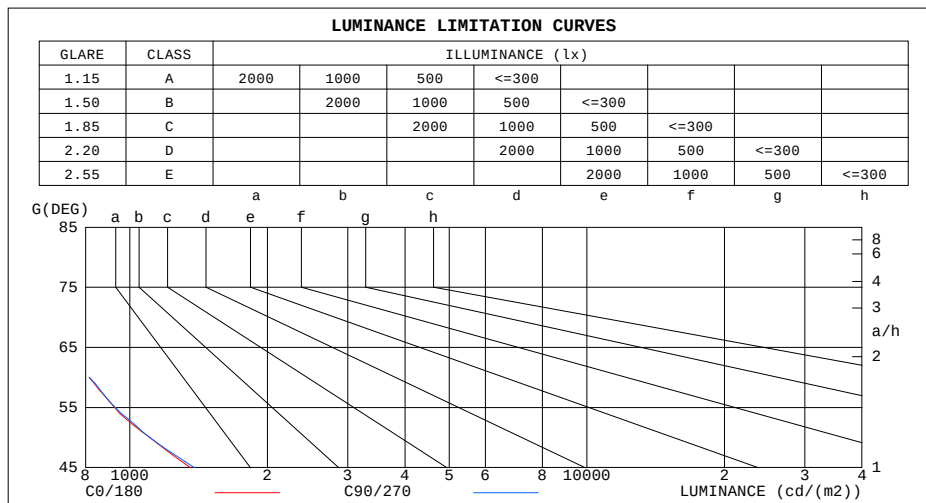
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-07-10

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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	90	152
80	319	282
75	436	406
70	579	556
65	699	684
60	815	816
55	927	931
50	1108	1108
45	1358	1386

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

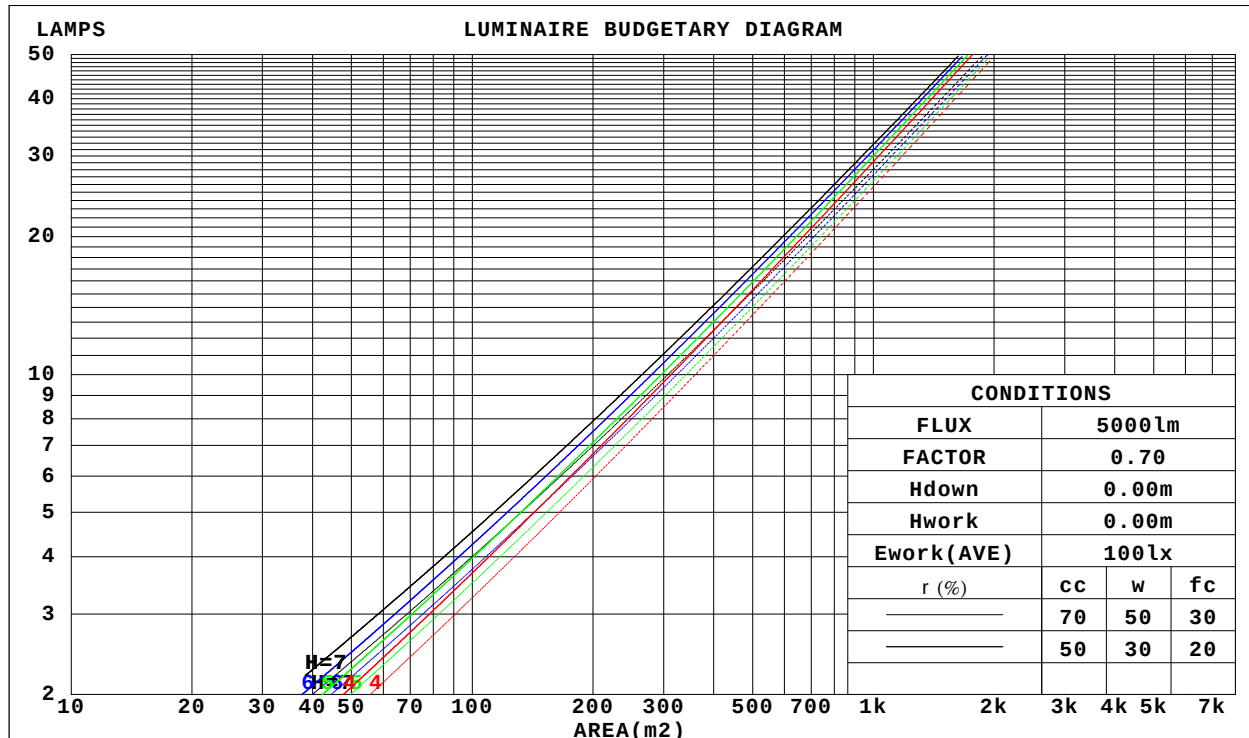
g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 6.160m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.99	.99	.98	.96	.96	.94	.93	.91
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.82	.87	.83	.80	.84	.82	.79	.77
4.0	.87	.81	.77	.86	.80	.76	.84	.79	.75	.82	.77	.74	.80	.76	.73	.72
5.0	.81	.75	.71	.80	.75	.70	.79	.73	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.76	.70	.66	.76	.70	.65	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.65	.61	.69	.64	.60	.67	.63	.60	.59
8.0	.68	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
9.0	.64	.58	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.52
10.0	.61	.55	.52	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.51	.50



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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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
R C R	R C R:Room Cavity Ratio Wall Exitance Coefficients(W E C)															
0.0																
1.0	.196	.112	.035	.189	.108	.034	.176	.101	.032	.164	.095	.030	.153	.089	.029	
2.0	.188	.103	.032	.182	.100	.031	.170	.095	.029	.160	.090	.028	.151	.085	.027	
3.0	.177	.094	.028	.172	.092	.028	.162	.088	.027	.154	.084	.026	.145	.080	.025	
4.0	.167	.087	.026	.163	.085	.025	.154	.082	.024	.146	.079	.024	.139	.076	.023	
5.0	.157	.080	.023	.154	.079	.023	.146	.076	.022	.139	.074	.022	.133	.071	.021	
6.0	.149	.075	.021	.145	.073	.021	.139	.071	.021	.133	.069	.020	.127	.067	.020	
7.0	.141	.070	.020	.138	.069	.020	.132	.067	.019	.127	.065	.019	.122	.063	.019	
8.0	.134	.065	.018	.131	.064	.018	.126	.063	.018	.121	.061	.018	.116	.060	.017	
9.0	.127	.061	.017	.125	.061	.017	.120	.059	.017	.116	.058	.017	.112	.057	.016	
10.0	.121	.058	.016	.119	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	

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	.179	.163	.149	.153	.140	.129	.104	.096	.089	.060	.056	.052	.019	.018	.017	
2.0	.164	.139	.117	.141	.119	.101	.097	.083	.070	.056	.048	.041	.018	.016	.013	
3.0	.153	.120	.094	.131	.103	.081	.090	.072	.057	.052	.042	.034	.017	.014	.011	
4.0	.143	.105	.077	.123	.091	.067	.084	.063	.047	.049	.037	.028	.016	.012	.009	
5.0	.134	.094	.064	.115	.081	.056	.079	.057	.039	.046	.033	.023	.015	.011	.008	
6.0	.127	.085	.055	.109	.073	.048	.075	.051	.034	.044	.030	.020	.014	.010	.007	
7.0	.120	.077	.047	.103	.067	.041	.071	.047	.029	.041	.028	.017	.013	.009	.006	
8.0	.114	.071	.042	.098	.062	.036	.068	.043	.026	.039	.026	.015	.013	.008	.005	
9.0	.108	.066	.037	.093	.057	.032	.065	.040	.023	.038	.024	.014	.012	.008	.005	
10.0	.103	.061	.033	.089	.053	.029	.062	.037	.021	.036	.022	.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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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	10.3	11.3	10.5	11.5	11.7	10.3	11.3	10.5	11.5	11.7	
	3H	10.9	11.9	11.2	12.1	12.3	10.9	11.8	11.2	12.0	12.3
	4H	11.1	12.0	11.4	12.2	12.5	11.0	11.9	11.3	12.2	12.4
	6H	11.2	12.0	11.5	12.3	12.5	11.1	11.9	11.4	12.2	12.4
	8H	11.2	12.0	11.5	12.2	12.5	11.1	11.9	11.4	12.2	12.4
	12H	11.1	11.9	11.5	12.2	12.5	11.0	11.8	11.4	12.1	12.4
4H	2H	10.6	11.4	10.8	11.7	11.9	10.6	11.4	10.9	11.7	11.9
	3H	11.3	12.1	11.7	12.4	12.7	11.3	12.1	11.6	12.4	12.6
	4H	11.6	12.3	11.9	12.6	12.9	11.5	12.2	11.9	12.5	12.9
	6H	11.7	12.3	12.1	12.7	13.0	11.6	12.2	12.0	12.6	13.0
	8H	11.7	12.3	12.1	12.7	13.1	11.6	12.2	12.0	12.6	13.0
	12H	11.7	12.2	12.1	12.6	13.0	11.6	12.1	12.0	12.5	12.9
8H	4H	11.6	12.2	12.0	12.6	12.9	11.6	12.1	12.0	12.5	12.9
	6H	11.8	12.3	12.2	12.7	13.1	11.7	12.2	12.2	12.6	13.0
	8H	11.9	12.3	12.3	12.7	13.2	11.8	12.2	12.2	12.6	13.1
	12H	11.8	12.2	12.3	12.7	13.1	11.8	12.1	12.2	12.6	13.0
12H	4H	11.6	12.1	12.0	12.5	12.9	11.5	12.0	12.0	12.4	12.8
	6H	11.8	12.2	12.2	12.6	13.1	11.7	12.1	12.2	12.5	13.0
	8H	11.9	12.2	12.3	12.7	13.2	11.8	12.1	12.2	12.6	13.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.9					+ 0.7 / - 0.9					
1.5H	+ 0.7 / - 0.6					+ 0.8 / - 0.6					
2.0H	+ 1.1 / - 0.8					+ 1.1 / - 0.8					

CIE Pub.117, 2587 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.3$)

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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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	79	71	67	78	71	67	78	71	66	62
0.80	87	80	75	87	80	75	85	79	75	70
1.00	93	86	82	92	86	81	90	86	81	76
1.25	98	92	87	97	91	87	95	90	86	81
1.50	101	95	91	100	95	91	97	93	89	84
2.00	105	100	96	104	99	95	101	97	94	88
2.50	107	103	99	106	101	98	102	99	96	89
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	106	110	107	104	106	103	101	94
5.00	113	111	108	111	109	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

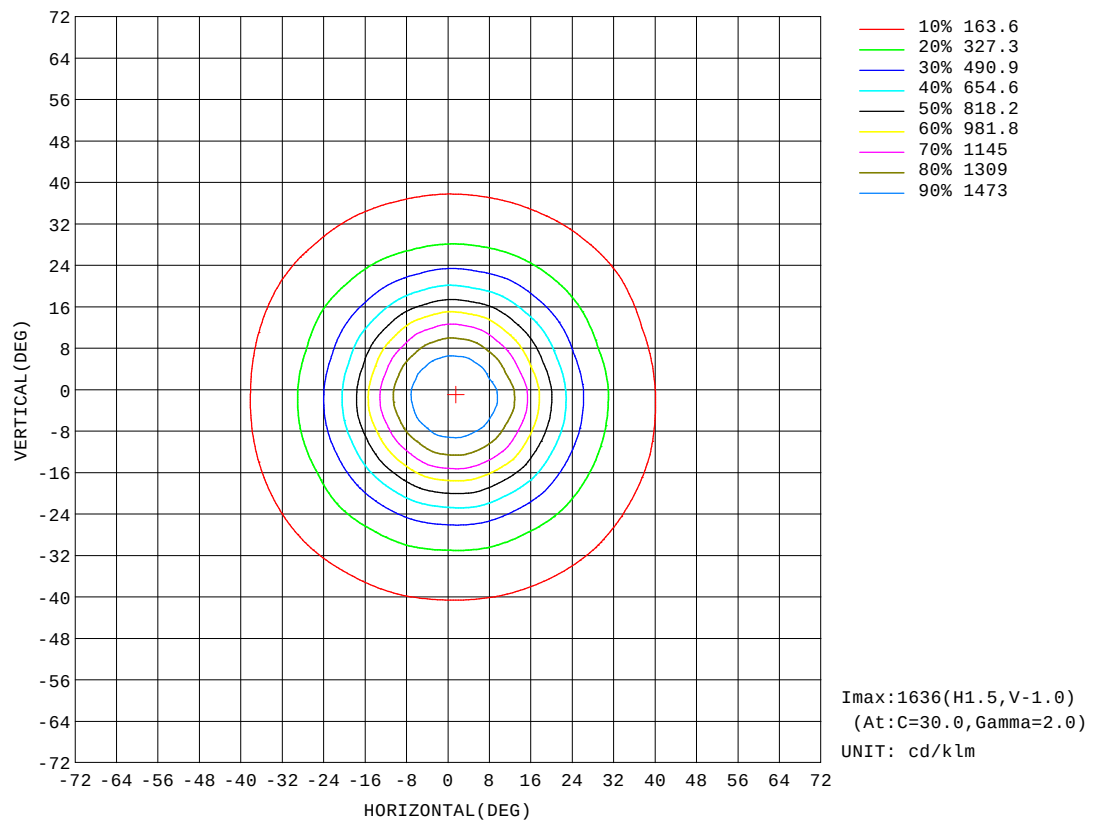
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-07-10

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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



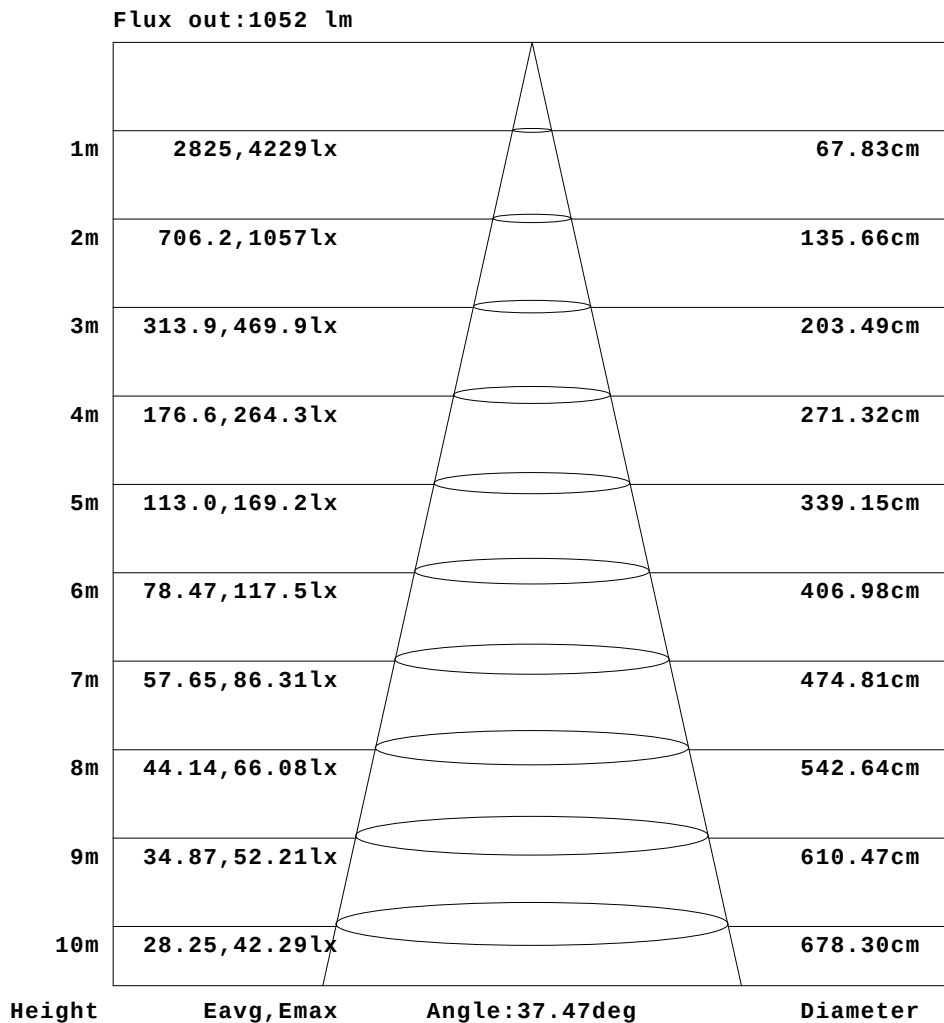
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-07-10

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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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.

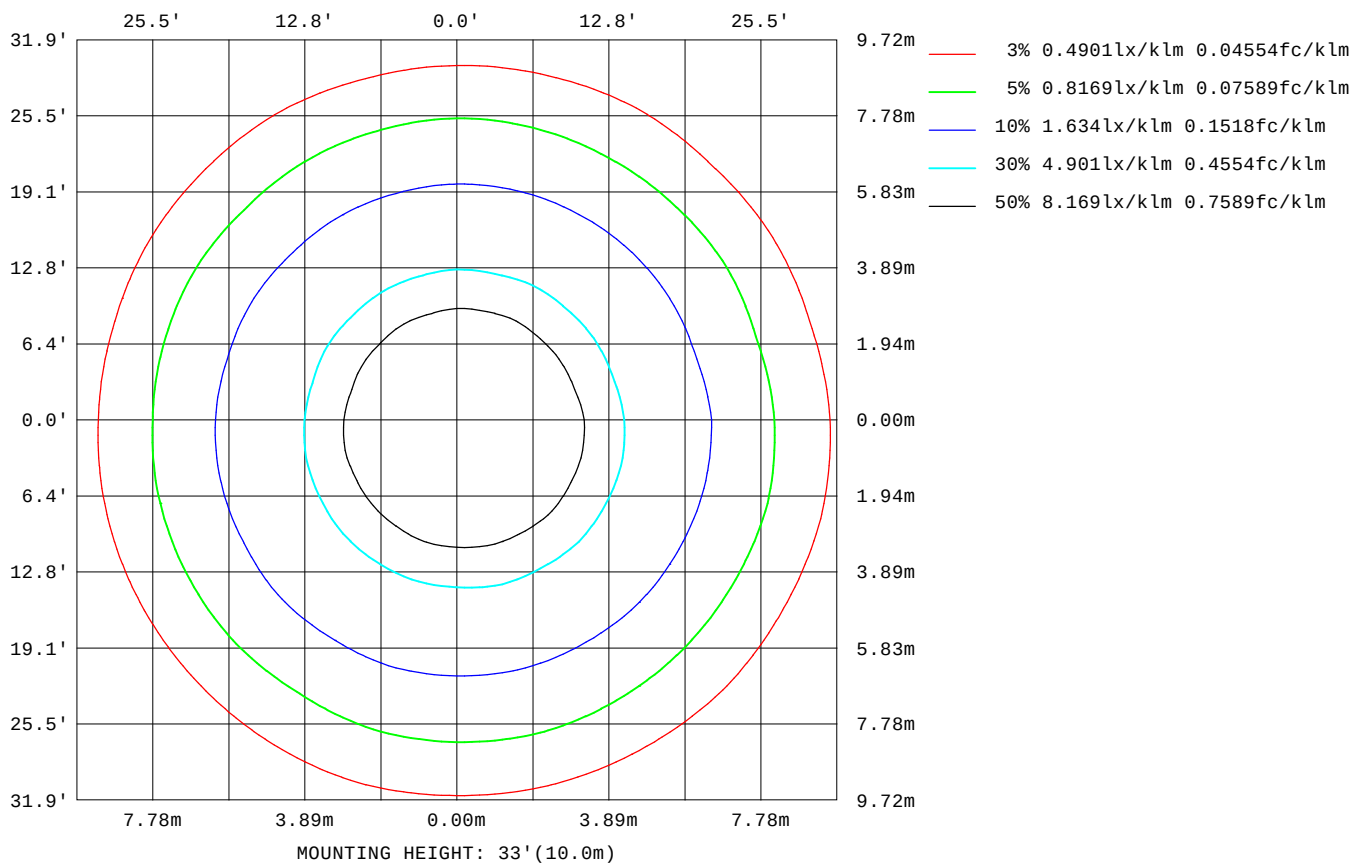
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-07-10

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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 lm		
NAME: Blacksnow	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

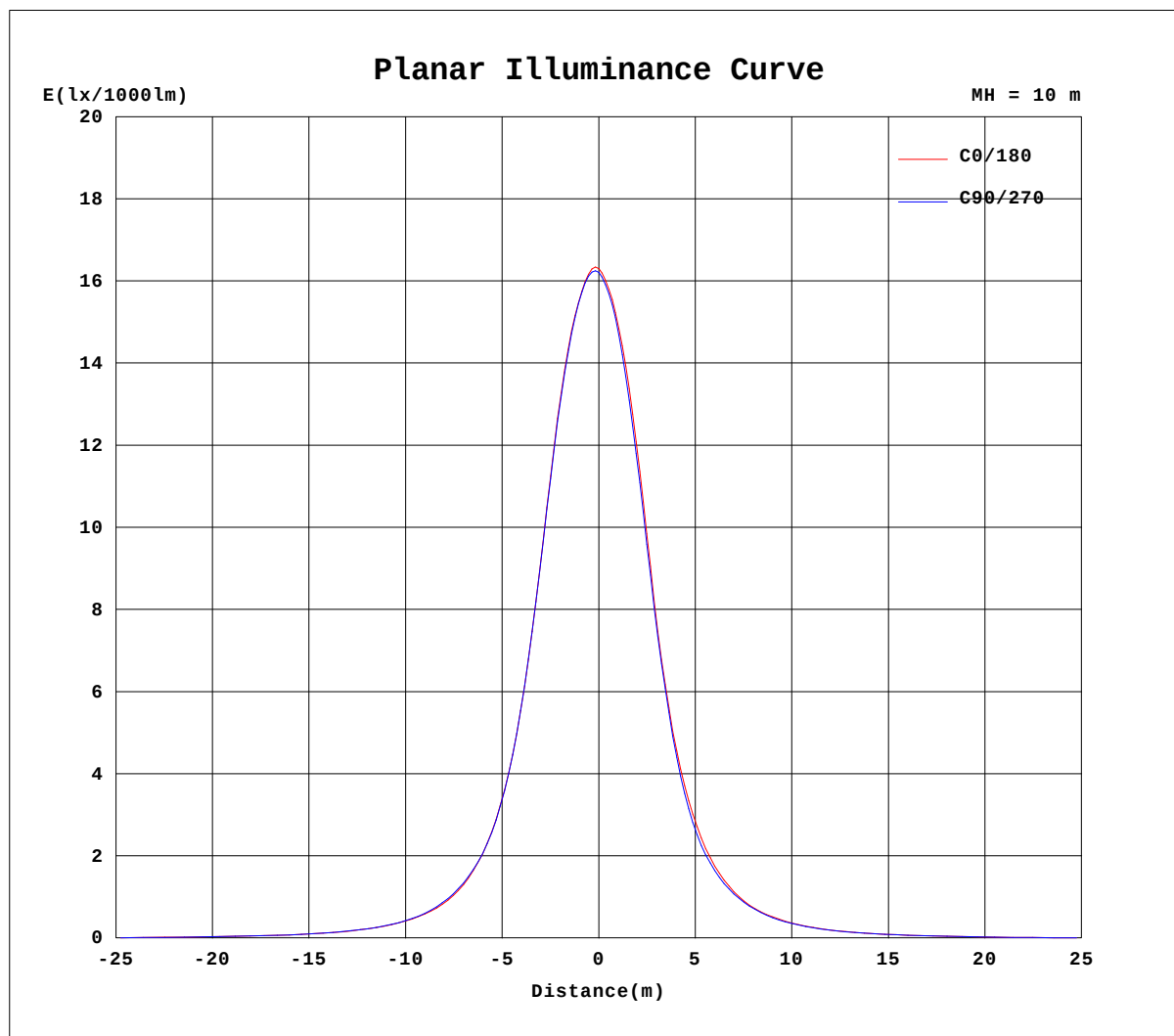
AvgL	cd/m2
L_0~180(65)av	634
L_0~180(75)av	360
L_0~180(85)av	82
L_90~270(65)av	625
L_90~270(75)av	348
L_90~270(85)av	108
L_45(65)av	619
L_45(75)av	344
L_45(85)av	119

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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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	1631	1627	1628	1624	1625	1621	1621	1618	1617	1616	1615	1614	1631	1627	1628	1624	1625	1621	1621
5	1594	1602	1601	1604	1601	1599	1592	1587	1574	1565	1550	1543	1540	1529	1529	1519	1523	1519	1528
10	1450	1469	1465	1469	1460	1457	1442	1431	1403	1390	1365	1355	1336	1305	1292	1274	1286	1286	1305
15	1165	1195	1189	1205	1193	1188	1160	1148	1103	1078	1046	1037	1005	960	959	948	961	957	981
20	818	843	851	869	849	848	819	805	771	747	715	702	676	643	644	631	641	640	662
25	540	558	566	576	560	559	540	532	514	500	479	469	450	427	426	417	418	411	423
30	355	363	368	374	365	366	354	354	342	340	316	312	302	288	287	280	279	279	282
35	237	244	243	247	246	248	245	241	228	227	217	212	206	199	197	190	194	194	196
40	164	171	170	172	173	174	171	169	162	159	155	149	144	141	141	138	139	138	139
45	119	122	123	125	123	123	121	122	119	114	111	108	105	103	104	102	102	100	102
50	88.1	90.1	90.7	91.7	90.2	89.9	88.1	87.9	87.9	85.5	82.2	79.6	77.2	76.3	76.9	76.4	76.6	75.0	76.4
55	65.8	68.4	68.5	69.2	67.7	68.1	66.1	66.4	65.8	65.0	62.2	60.8	58.9	58.1	58.3	57.3	57.8	57.6	58.1
60	50.4	51.8	52.0	52.4	51.5	51.7	50.5	50.1	48.6	47.7	45.5	44.6	43.6	42.4	42.2	41.8	42.2	41.9	43.1
65	36.6	37.2	37.0	37.4	36.6	36.5	35.8	35.2	34.0	33.0	31.3	30.9	29.8	28.4	28.1	27.7	28.4	28.4	29.6
70	24.5	25.1	24.8	24.9	24.5	24.3	23.5	22.8	21.3	20.4	19.0	18.7	17.6	16.5	16.3	15.9	16.7	16.7	18.0
75	14.0	14.5	14.1	14.3	14.0	13.8	13.0	12.4	11.4	10.8	10.1	9.88	9.11	8.33	8.20	7.98	8.38	8.18	9.27
80	6.85	7.14	7.02	7.06	6.74	6.55	6.05	5.86	5.39	5.11	4.64	4.41	3.70	3.20	3.20	2.95	3.05	2.99	3.45
85	0.97	2.00	2.24	2.43	2.19	2.05	1.64	1.46	1.23	1.13	0.99	0.92	0.79	0.66	0.62	0.54	0.57	0.56	0.68
90	0.20	0.40	0.41	0.31	0.39	0.37	0.26	0.21	0.11	0.09	0.09	0.09	0.10	0.10	0.10	0.09	0.10	0.09	0.10
95	0.11	0.11	0.10	0.11	0.10	0.11	0.10	0.11	0.10	0.12	0.11	0.13	0.15	0.14	0.15	0.14	0.15	0.14	0.15
100	0.15	0.15	0.14	0.15	0.14	0.15	0.15	0.16	0.15	0.16	0.16	0.18	0.20	0.20	0.21	0.20	0.21	0.20	0.21
105	0.21	0.21	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.24	0.29	0.29	0.29	0.29	0.29	0.28	0.29
110	0.28	0.28	0.27	0.28	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.32	0.39	0.40	0.40	0.40	0.40	0.40	0.40
115	0.37	0.37	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.41	0.54	0.55	0.56	0.57	0.56	0.56	0.55
120	0.49	0.49	0.47	0.47	0.47	0.48	0.48	0.49	0.49	0.51	0.52	0.54	0.76	0.78	0.78	0.79	0.78	0.78	0.77
125	0.66	0.64	0.63	0.62	0.62	0.62	0.63	0.64	0.65	0.67	0.69	0.72	1.05	1.08	1.09	1.10	1.09	1.09	1.06
130	0.88	0.85	0.84	0.83	0.83	0.83	0.85	0.86	0.88	0.90	0.94	0.97	1.44	1.49	1.49	1.51	1.49	1.50	1.46
135	1.20	1.16	1.15	1.12	1.13	1.13	1.16	1.17	1.21	1.24	1.29	1.33	1.94	2.00	2.00	2.03	2.00	2.00	1.95
140	1.65	1.59	1.57	1.54	1.55	1.54	1.59	1.60	1.66	1.70	1.78	1.81	2.54	2.60	2.61	2.65	2.61	2.61	2.55
145	2.21	2.13	2.12	2.09	2.10	2.10	2.16	2.17	2.24	2.29	2.38	2.41	3.19	3.27	3.27	3.30	3.26	3.27	3.20
150	2.84	2.75	2.74	2.71	2.73	2.73	2.79	2.81	2.88	2.93	3.00	3.05	3.83	3.89	3.90	3.91	3.89	3.90	3.84
155	3.45	3.37	3.34	3.31	3.34	3.37	3.44	3.46	3.49	3.53	3.58	3.65	4.35	4.40	4.39	4.39	4.38	4.39	4.35
160	3.96	3.87	3.84	3.81	3.84	3.89	3.93	3.96	3.98	3.98	4.03	4.09	4.66	4.70	4.68	4.67	4.68	4.69	4.66
165	4.25	4.19	4.13	4.14	4.18	4.21	4.23	4.26	4.25	4.26	4.27	4.30	4.73	4.76	4.76	4.75	4.76	4.79	4.77
170	4.37	4.34	4.29	4.31	4.33	4.34	4.34	4.35	4.34	4.37	4.38	4.40	4.71	4.75	4.76	4.74	4.71	4.70	4.68
175	4.48	4.47	4.44	4.45	4.44	4.41	4.39	4.40	4.42	4.50	4.51	4.48	4.70	4.71	4.75	4.75	4.70	4.67	4.64
180	4.65	4.64	4.62	4.65	4.61	4.57	4.55	4.55	4.56	4.61	4.57	4.55	4.66	4.64	4.63	4.65	4.61	4.57	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:220.42V I:0.1303A P:28.097W PF:0.9783 Freq:49.99Hz Lamp Flux:2586.65x1 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	1618	1617	1616	1615	1614														
5	1530	1544	1549	1560	1565														
10	1314	1339	1350	1379	1398														
15	989	1023	1032	1066	1092														
20	662	698	708	740	762														
25	430	454	465	489	499														
30	287	294	305	319	326														
35	198	198	206	214	217														
40	141	144	146	153	154														
45	102	107	107	110	112														
50	76.1	79.1	79.3	82.3	82.6														
55	58.2	59.5	60.1	62.3	62.5														
60	43.2	44.8	45.1	46.5	47.2														
65	29.8	31.0	31.4	33.0	34.0														
70	18.1	19.4	20.0	21.5	22.6														
75	9.52	10.5	11.0	12.0	12.8														
80	3.86	4.81	5.23	5.85	6.20														
85	0.74	0.91	1.04	1.25	1.40														
90	0.09	0.09	0.08	0.09	0.14														
95	0.13	0.13	0.12	0.12	0.11														
100	0.19	0.19	0.18	0.18	0.16														
105	0.27	0.27	0.25	0.25	0.24														
110	0.38	0.37	0.36	0.35	0.33														
115	0.54	0.52	0.50	0.48	0.47														
120	0.75	0.72	0.70	0.67	0.65														
125	1.05	1.00	0.98	0.94	0.92														
130	1.43	1.37	1.35	1.29	1.27														
135	1.92	1.85	1.81	1.75	1.71														
140	2.51	2.43	2.39	2.30	2.26														
145	3.16	3.07	3.02	2.93	2.88														
150	3.79	3.69	3.64	3.56	3.52														
155	4.30	4.20	4.15	4.09	4.06														
160	4.61	4.53	4.48	4.45	4.44														
165	4.72	4.68	4.59	4.58	4.57														
170	4.67	4.66	4.62	4.58	4.56														
175	4.65	4.65	4.62	4.55	4.54														
180	4.55	4.57	4.61	4.57	4.54														

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	1631	1627	1628	1624	1625	1621	1621	1618	1617	1616
3.0	1624	1630	1630	1632	1629	1625	1619	1613	1603	1596
6.0	1573	1583	1583	1585	1580	1578	1572	1568	1555	1545
9.0	1488	1505	1503	1507	1496	1494	1480	1474	1449	1438
12.0	1353	1379	1370	1376	1369	1364	1345	1329	1290	1273
15.0	1165	1195	1189	1205	1193	1188	1160	1148	1103	1078
18.0	953.5	979.7	985.5	1006	985.9	978.8	952.1	939.0	898.5	870.1
21.0	754.5	779.5	787.0	803.4	783.6	786.5	755.5	741.7	710.9	692.7
24.0	588.0	610.7	617.8	628.7	611.4	611.6	587.1	578.1	557.6	544.4
27.0	457.7	470.0	474.2	483.7	471.1	471.1	455.8	451.1	435.6	428.4
30.0	355.1	363.4	368.0	374.0	365.2	366.2	354.0	354.1	341.6	339.5
33.0	279.6	285.0	287.6	291.2	287.3	288.3	283.4	281.3	269.6	265.5
36.0	219.8	227.1	225.2	228.0	229.1	231.1	227.6	224.1	211.2	210.3
39.0	175.5	183.0	181.9	183.5	184.9	187.3	184.1	181.1	172.4	170.1
42.0	144.2	150.3	150.0	152.2	150.9	150.8	148.4	148.2	143.1	139.2
45.0	118.8	122.3	122.5	125.0	123.3	122.6	121.3	121.7	119.0	114.3
48.0	99.09	101.0	101.7	104.0	102.1	101.3	99.71	99.57	98.95	95.70
51.0	82.62	85.14	85.50	86.36	84.70	84.51	82.96	83.40	82.99	80.83
54.0	69.14	72.10	72.14	72.85	71.43	71.71	69.70	69.84	69.49	68.33
57.0	59.19	61.32	61.42	61.96	60.47	61.28	59.34	59.74	59.16	58.25
60.0	50.42	51.78	52.04	52.36	51.51	51.69	50.49	50.12	48.65	47.72
63.0	41.81	42.58	42.52	43.05	42.13	42.05	41.20	40.68	39.60	38.38
66.0	34.02	34.68	34.35	34.64	34.01	33.82	33.18	32.53	31.28	30.18
69.0	26.76	27.36	26.97	27.18	26.70	26.55	25.87	25.23	23.85	22.95
72.0	19.83	20.48	20.16	20.35	19.96	19.74	18.85	18.19	16.79	15.96
75.0	13.96	14.45	14.14	14.34	13.95	13.77	13.02	12.44	11.40	10.80
78.0	9.655	10.03	9.849	9.927	9.677	9.470	8.728	8.181	7.147	6.721
81.0	6.039	6.290	6.201	6.201	5.934	5.758	5.335	5.097	4.597	4.255
84.0	1.694	3.017	3.188	3.385	3.118	2.963	2.437	2.172	1.730	1.516
87.0	0.6044	0.9528	1.103	1.141	1.075	1.054	0.9332	0.8828	0.7440	0.6755
90.0	0.1983	0.3986	0.4131	0.3130	0.3851	0.3663	0.2627	0.2105	0.1099	0.0861
93.0	0.0933	0.0975	0.0902	0.0924	0.0881	0.0934	0.0892	0.0965	0.0902	0.1017
96.0	0.1150	0.1172	0.1067	0.1131	0.1026	0.1152	0.1098	0.1183	0.1129	0.1235
99.0	0.1389	0.1411	0.1316	0.1380	0.1295	0.1390	0.1357	0.1453	0.1399	0.1535
102.0	0.1710	0.1743	0.1627	0.1691	0.1617	0.1712	0.1689	0.1774	0.1741	0.1868
105.0	0.2062	0.2086	0.2010	0.2044	0.1979	0.2075	0.2052	0.2148	0.2104	0.2241
108.0	0.2528	0.2501	0.2394	0.2449	0.2394	0.2490	0.2477	0.2552	0.2539	0.2677
111.0	0.2974	0.2988	0.2881	0.2925	0.2881	0.2977	0.2943	0.3050	0.3016	0.3143
114.0	0.3524	0.3506	0.3389	0.3444	0.3389	0.3455	0.3472	0.3548	0.3565	0.3683
117.0	0.4176	0.4129	0.4021	0.4046	0.4000	0.4088	0.4103	0.4181	0.4176	0.4326
120.0	0.4933	0.4865	0.4746	0.4741	0.4715	0.4782	0.4829	0.4886	0.4922	0.5073
123.0	0.5845	0.5726	0.5606	0.5561	0.5544	0.5591	0.5658	0.5726	0.5824	0.5965
126.0	0.6964	0.6774	0.6653	0.6577	0.6550	0.6598	0.6695	0.6775	0.6922	0.7086
129.0	0.8309	0.8041	0.7927	0.7802	0.7823	0.7833	0.8009	0.8082	0.8289	0.8467
132.0	0.9948	0.9596	0.9481	0.9295	0.9326	0.9347	0.9585	0.9659	0.9958	1.019
135.0	1.204	1.159	1.146	1.123	1.130	1.128	1.160	1.169	1.209	1.239
138.0	1.457	1.399	1.386	1.360	1.367	1.365	1.402	1.413	1.466	1.504
141.0	1.752	1.683	1.671	1.641	1.657	1.647	1.695	1.708	1.773	1.814
144.0	2.087	2.012	2.000	1.971	1.984	1.980	2.035	2.052	2.116	2.167
147.0	2.464	2.378	2.367	2.333	2.354	2.346	2.413	2.426	2.497	2.544
150.0	2.844	2.754	2.736	2.705	2.729	2.726	2.791	2.813	2.883	2.925
153.0	3.217	3.131	3.105	3.081	3.107	3.122	3.187	3.212	3.259	3.299
156.0	3.572	3.484	3.458	3.428	3.462	3.489	3.553	3.572	3.606	3.631
159.0	3.868	3.784	3.749	3.726	3.752	3.795	3.845	3.872	3.891	3.904
162.0	4.099	4.027	3.982	3.968	3.999	4.042	4.074	4.105	4.110	4.111
165.0	4.250	4.186	4.134	4.145	4.176	4.212	4.234	4.262	4.249	4.260
168.0	4.329	4.281	4.227	4.259	4.299	4.315	4.317	4.340	4.323	4.346
171.0	4.394	4.364	4.324	4.335	4.348	4.352	4.345	4.356	4.355	4.382
174.0	4.468	4.449	4.413	4.415	4.399	4.389	4.369	4.380	4.392	4.461
177.0	4.541	4.538	4.511	4.537	4.521	4.487	4.452	4.480	4.485	4.561
180.0	4.653	4.637	4.624	4.652	4.606	4.572	4.552	4.552	4.558	4.607
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1615	1614	1631	1627	1628	1624	1625	1621	1621	1618
3.0	1586	1583	1587	1580	1579	1571	1573	1570	1576	1575
6.0	1526	1516	1509	1495	1492	1480	1484	1482	1492	1497
9.0	1415	1405	1389	1362	1352	1334	1343	1342	1360	1366
12.0	1246	1240	1215	1173	1165	1148	1164	1160	1185	1192
15.0	1046	1037	1005	960.1	959.4	947.8	961.1	956.7	981.0	989.0
18.0	835.1	820.9	788.9	755.6	757.3	744.5	757.2	754.3	777.7	784.8
21.0	658.4	644.8	618.9	592.1	593.9	580.8	586.6	586.2	603.8	606.8
24.0	519.9	507.7	487.8	464.1	462.2	453.2	455.5	449.2	462.6	468.8
27.0	407.5	399.2	384.1	363.9	365.2	353.9	353.2	347.9	356.3	363.7
30.0	316.1	311.9	301.9	288.0	286.6	279.9	278.7	278.7	281.9	286.9

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	251.5	247.1	239.7	230.6	227.2	220.3	224.3	223.3	226.1	228.7
36.0	202.0	197.4	190.9	186.1	183.6	177.4	180.6	181.1	183.9	184.7
39.0	164.9	159.8	153.8	151.9	150.9	147.4	148.0	147.3	149.6	150.6
42.0	135.5	131.2	126.4	123.6	123.7	122.5	123.0	120.7	121.7	123.8
45.0	110.9	107.7	105.2	102.8	103.5	102.4	102.5	100.0	101.7	102.3
48.0	92.22	89.04	86.88	85.71	86.41	85.44	85.92	84.08	85.68	85.42
51.0	77.33	75.21	73.12	72.28	72.75	72.09	72.36	70.99	72.12	71.94
54.0	65.55	64.04	62.27	61.21	61.79	60.66	61.37	60.73	61.46	61.43
57.0	55.72	54.45	52.71	51.52	51.61	50.65	51.47	51.22	52.09	52.25
60.0	45.47	44.63	43.65	42.36	42.18	41.80	42.20	41.89	43.15	43.16
63.0	36.49	36.15	35.08	33.50	33.32	32.87	33.55	33.43	34.93	34.92
66.0	28.60	28.36	27.37	25.93	25.71	25.23	25.98	26.03	27.27	27.28
69.0	21.50	21.18	19.84	18.55	18.40	18.00	18.84	18.82	20.24	20.31
72.0	14.97	14.69	13.67	12.74	12.57	12.26	12.87	12.90	13.95	14.12
75.0	10.11	9.878	9.115	8.332	8.205	7.978	8.384	8.178	9.268	9.521
78.0	6.202	6.001	5.557	5.184	5.086	4.841	5.041	5.102	5.549	5.812
81.0	3.682	3.345	2.635	2.287	2.314	2.137	2.206	2.098	2.441	2.719
84.0	1.253	1.173	1.024	0.8891	0.8598	0.7719	0.8079	0.8020	0.9148	0.9898
87.0	0.5479	0.4940	0.3506	0.2290	0.1785	0.1147	0.1200	0.1179	0.1938	0.2490
90.0	0.0876	0.0903	0.1038	0.0975	0.1038	0.0933	0.1007	0.0902	0.0986	0.0871
93.0	0.0974	0.1100	0.1307	0.1213	0.1297	0.1202	0.1277	0.1192	0.1256	0.1109
96.0	0.1202	0.1349	0.1578	0.1533	0.1588	0.1513	0.1578	0.1492	0.1546	0.1409
99.0	0.1512	0.1629	0.1920	0.1886	0.1971	0.1886	0.1940	0.1855	0.1909	0.1772
102.0	0.1865	0.1992	0.2335	0.2322	0.2397	0.2342	0.2387	0.2311	0.2356	0.2197
105.0	0.2228	0.2386	0.2854	0.2871	0.2936	0.2871	0.2906	0.2840	0.2864	0.2726
108.0	0.2684	0.2843	0.3446	0.3482	0.3549	0.3513	0.3529	0.3461	0.3466	0.3337
111.0	0.3171	0.3309	0.4182	0.4249	0.4306	0.4311	0.4317	0.4249	0.4223	0.4094
114.0	0.3731	0.3911	0.5085	0.5172	0.5241	0.5275	0.5241	0.5203	0.5147	0.5006
117.0	0.4394	0.4575	0.6196	0.6352	0.6403	0.6466	0.6414	0.6394	0.6279	0.6135
120.0	0.5181	0.5394	0.7565	0.7803	0.7813	0.7907	0.7834	0.7845	0.7668	0.7534
123.0	0.6145	0.6380	0.9215	0.9483	0.9505	0.9649	0.9557	0.9566	0.9339	0.9162
126.0	0.7306	0.7563	1.122	1.155	1.160	1.175	1.163	1.165	1.138	1.117
129.0	0.8818	0.9068	1.355	1.398	1.399	1.421	1.401	1.406	1.372	1.351
132.0	1.064	1.092	1.625	1.678	1.679	1.706	1.680	1.683	1.640	1.617
135.0	1.294	1.329	1.939	1.997	2.000	2.030	2.004	2.001	1.953	1.923
138.0	1.568	1.605	2.292	2.355	2.358	2.397	2.359	2.362	2.302	2.270
141.0	1.888	1.926	2.666	2.735	2.739	2.775	2.737	2.745	2.680	2.642
144.0	2.246	2.288	3.064	3.135	3.139	3.171	3.135	3.138	3.075	3.027
147.0	2.630	2.672	3.461	3.526	3.529	3.557	3.524	3.528	3.466	3.419
150.0	3.004	3.055	3.830	3.895	3.896	3.913	3.890	3.903	3.840	3.791
153.0	3.368	3.426	4.162	4.216	4.216	4.218	4.203	4.218	4.174	4.116
156.0	3.695	3.753	4.433	4.481	4.473	4.460	4.454	4.471	4.434	4.375
159.0	3.960	4.018	4.618	4.656	4.643	4.627	4.637	4.645	4.612	4.563
162.0	4.148	4.197	4.716	4.742	4.727	4.718	4.743	4.748	4.721	4.673
165.0	4.267	4.298	4.732	4.755	4.760	4.750	4.765	4.786	4.766	4.723
168.0	4.343	4.361	4.717	4.755	4.767	4.747	4.732	4.745	4.727	4.704
171.0	4.401	4.419	4.707	4.746	4.755	4.742	4.711	4.691	4.657	4.665
174.0	4.473	4.464	4.690	4.711	4.748	4.746	4.704	4.684	4.648	4.662
177.0	4.550	4.517	4.699	4.692	4.718	4.716	4.666	4.641	4.616	4.604
180.0	4.567	4.546	4.662	4.635	4.633	4.652	4.612	4.570	4.560	4.551
G/C	300.0	315.0	330.0	345.0						
0.0	1617	1616	1615	1614						
3.0	1584	1586	1593	1597						
6.0	1514	1523	1537	1543						
9.0	1392	1402	1429	1442						
12.0	1218	1226	1261	1284						
15.0	1023	1032	1066	1092						
18.0	821.2	832.1	864.5	888.5						
21.0	638.6	650.9	683.8	702.8						
24.0	494.7	506.4	531.3	544.8						
27.0	381.6	392.9	413.7	420.7						
30.0	294.2	304.7	319.5	325.7						
33.0	231.0	240.6	249.3	254.0						
36.0	185.2	191.7	200.1	201.2						
39.0	153.1	155.9	163.4	164.1						
42.0	127.8	128.6	134.1	136.0						
45.0	106.9	106.8	110.4	111.9						
48.0	89.17	89.06	91.98	92.81						
51.0	74.46	74.69	77.83	77.79						
54.0	62.95	63.36	65.71	65.65						
57.0	53.45	53.75	55.59	56.02						
60.0	44.76	45.07	46.51	47.21						
63.0	36.20	36.49	38.17	39.11						
66.0	28.53	28.89	30.36	31.57						

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:

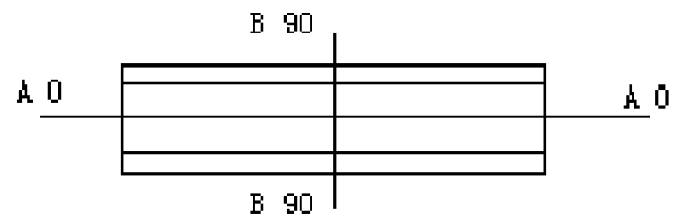
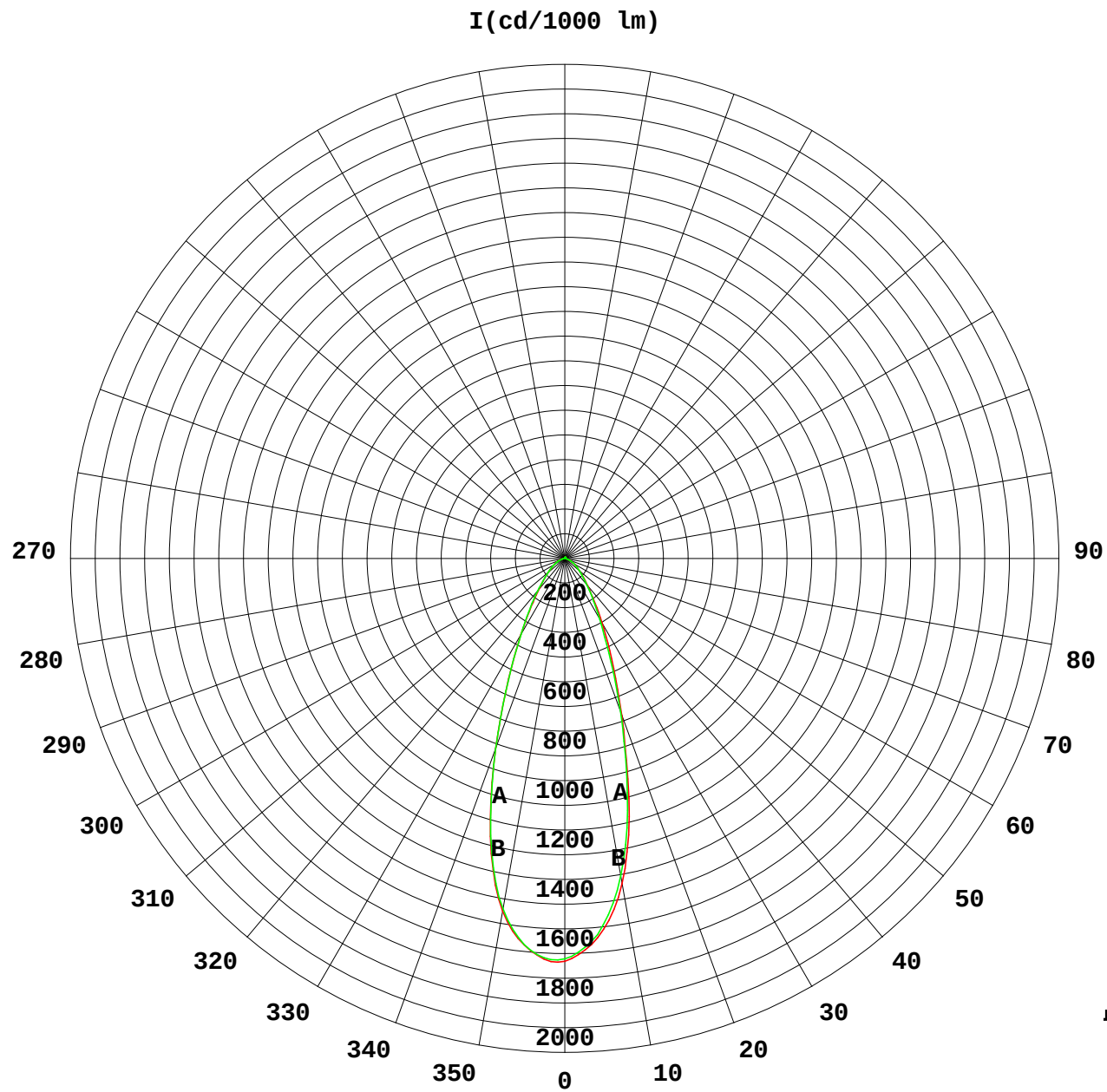
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

69.0	21.73	22.35	23.77	24.78
72.0	15.32	15.85	17.16	18.11
75.0	10.46	10.96	12.02	12.76
78.0	6.494	7.081	8.039	8.621
81.0	3.702	4.325	5.028	5.394
84.0	1.176	1.392	1.970	2.251
87.0	0.4300	0.5435	0.7297	0.8225
90.0	0.0893	0.0841	0.0871	0.1448
93.0	0.1131	0.1015	0.1048	0.0912
96.0	0.1422	0.1285	0.1318	0.1212
99.0	0.1774	0.1627	0.1660	0.1513
102.0	0.2200	0.2042	0.2044	0.1897
105.0	0.2688	0.2529	0.2491	0.2353
108.0	0.3259	0.3089	0.3072	0.2912
111.0	0.3985	0.3834	0.3715	0.3555
114.0	0.4867	0.4674	0.4535	0.4353
117.0	0.5905	0.5720	0.5521	0.5347
120.0	0.7212	0.6995	0.6724	0.6539
123.0	0.8800	0.8529	0.8208	0.8001
126.0	1.070	1.042	1.002	0.9784
129.0	1.292	1.266	1.213	1.192
132.0	1.549	1.520	1.459	1.432
135.0	1.852	1.815	1.747	1.714
138.0	2.186	2.148	2.068	2.035
141.0	2.550	2.506	2.420	2.383
144.0	2.939	2.892	2.804	2.757
147.0	3.324	3.275	3.188	3.145
150.0	3.691	3.638	3.556	3.516
153.0	4.016	3.962	3.897	3.858
156.0	4.280	4.232	4.184	4.152
159.0	4.480	4.433	4.398	4.378
162.0	4.613	4.547	4.530	4.523
165.0	4.681	4.589	4.581	4.573
168.0	4.672	4.611	4.587	4.567
171.0	4.658	4.632	4.578	4.553
174.0	4.654	4.632	4.556	4.543
177.0	4.621	4.616	4.553	4.529
180.0	4.567	4.608	4.566	4.540

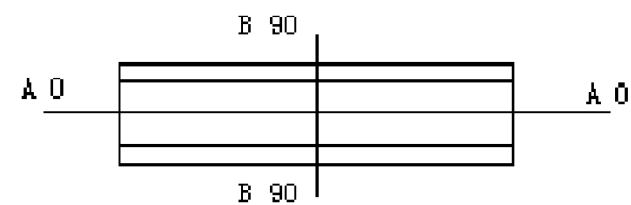
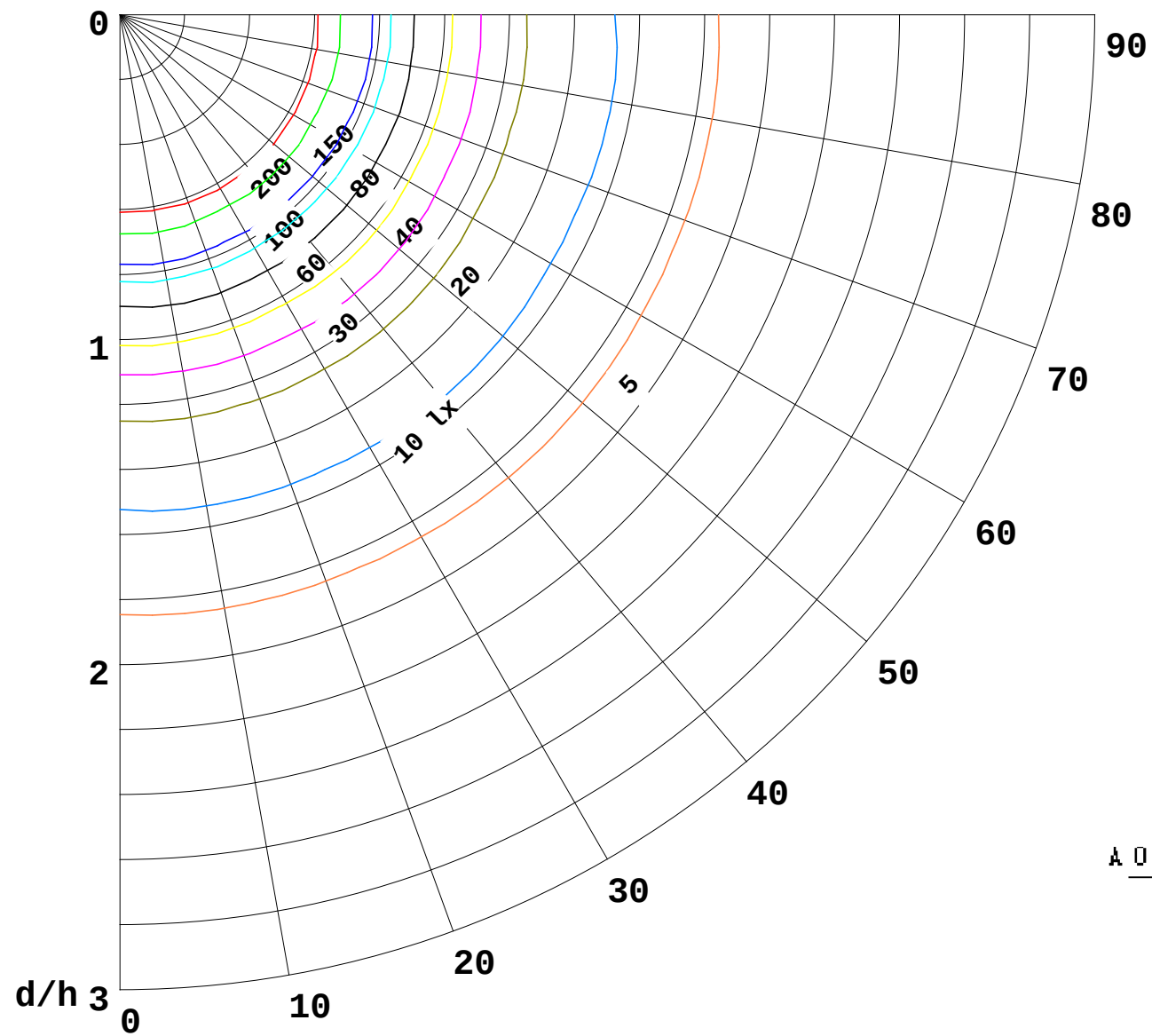
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-07-10

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:



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

