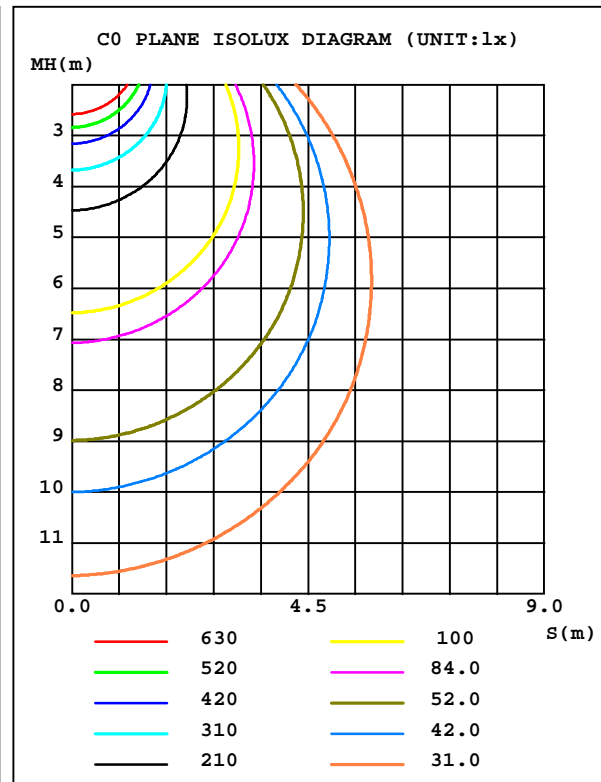
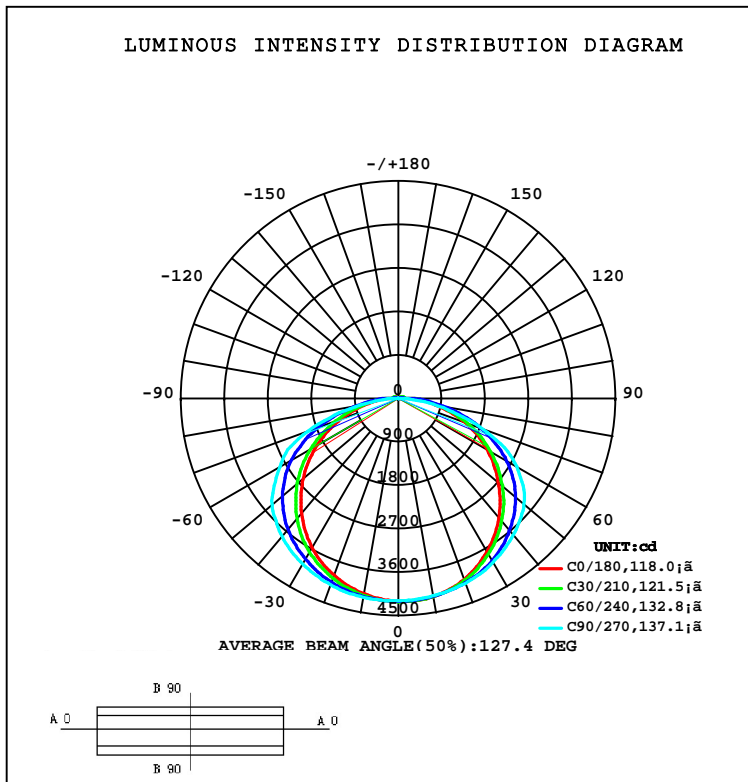


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm		
NAME: BS100	TYPE:ESTANCA	SERIAL No.:NI
DIM.: NA	SPEC.:NA	PROTECTION ANGLE:NA
MFR.: BEGHELLI DE MEXICO	SUR.:NA	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 99.93 lm/W
MODEL	NA	I _{max} (cd)	4211	S/MH(C0/180)		1.27
NOMINAL POWER(W)	152	LOR(%)	100.0	S/MH(C90/270)		1.42
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	14613	η UP,DN(C0-180)		0.8,49.1
NOMINAL FLUX(lm)	14612.6	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.8,49.3
LAMPS INSIDE	1	η up(%)	1.7	CIBSE SHR NOM		1.50
TEST VOLTAGE(V)	119.9	η down(%)	98.3	CIBSE SHR MAX		1.55



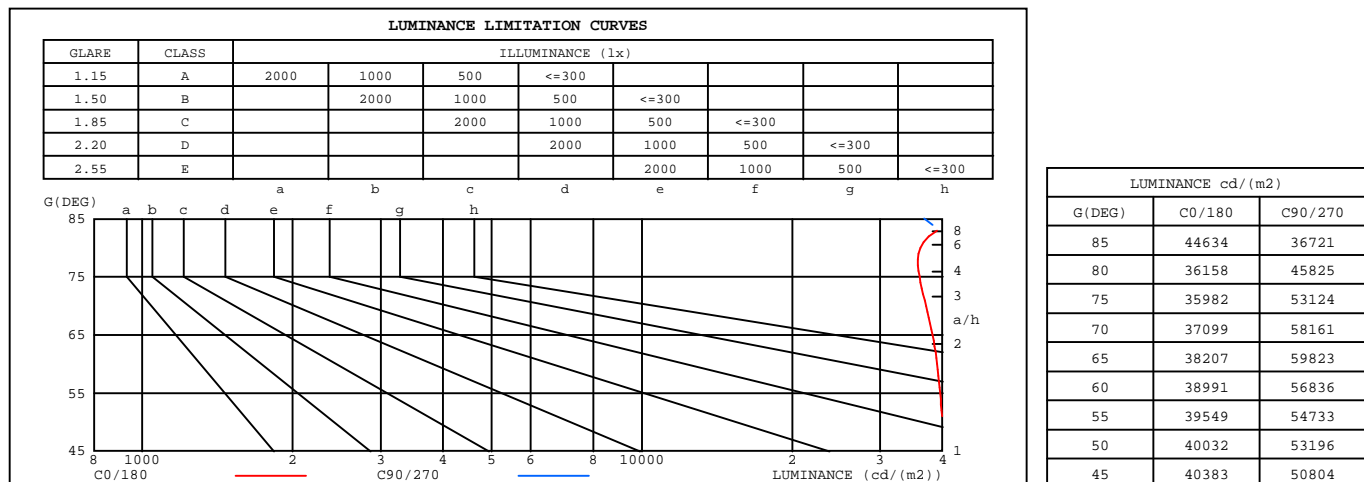
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4110	4157	4183	4174	4167	4171	4153	4132	0- 10	398.8	398.8	2.73,2.73
20	3900	4011	4108	4048	3990	4036	4071	3980	10- 20	1159	1557	10.7,10.7
30	3575	3760	3964	3806	3672	3808	3926	3744	20- 30	1806	3363	23,23
40	3119	3401	3746	3445	3241	3451	3704	3395	30- 40	2269	5632	38.5,38.5
50	2573	2920	3419	2969	2709	2969	3401	2918	40- 50	2489	8121	55.6,55.6
60	1950	2292	2842	2348	2126	2363	2829	2306	50- 60	2415	10536	72.1,72.1
70	1269	1538	1989	1627	1469	1656	1861	1553	60- 70	2010	12546	85.9,85.9
80	627.9	777.6	795.7	855.1	774.7	879.8	743.7	793.9	70- 80	1282	13828	94.6,94.6
90	195.0	214.1	130.7	285.4	283.6	287.5	122.5	283.1	80- 90	542.7	14371	98.3,98.3
100	58.22	134.9	22.34	143.1	42.26	150.7	10.25	140.4	90-100	94.45	14465	99,99
110	83.34	66.08	0.9603	73.22	92.15	79.04	0.2282	69.77	100-110	76.17	14541	99.5,99.5
120	50.53	28.55	0.2390	32.07	60.83	35.48	0.2183	30.83	110-120	41.14	14582	99.8,99.8
130	25.06	10.10	0.2416	11.67	31.01	13.51	0.3409	11.17	120-130	18.37	14601	99.9,99.9
140	9.693	5.035	0.3787	4.923	13.14	5.406	0.5211	5.304	130-140	7.049	14608	100,100
150	4.869	4.756	0.5186	4.181	5.314	4.505	0.5000	4.951	140-150	2.712	14611	100,100
160	4.484	1.469	0.6991	0.3026	4.375	0.6058	0.5601	0.4932	150-160	1.436	14612	100,100
170	2.334	1.842	0.4687	1.014	2.645	2.403	0.6811	2.376	160-170	0.4804	14613	100,100
180	0.1742	0.3612	0.3779	0.0280	0.6128	0.5179	0.3796	0.4385	170-180	0.1232	14613	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



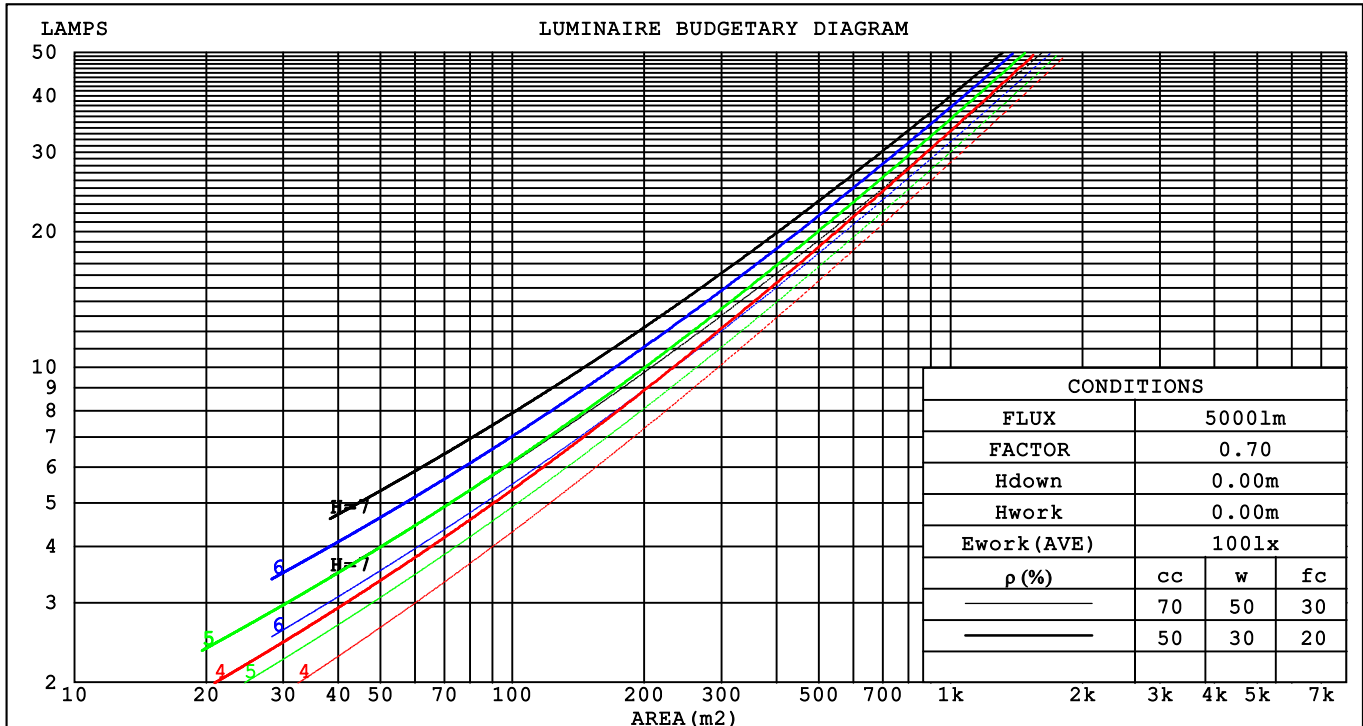
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm		
NAME: BS100	TYPE:ESTANCA	SERIAL No.:NI
DIM.: NA	SPEC.:NA	PROTECTION ANGLE:NA
MFR.: BEGHELLI DE MEXICO	SUR.:NA	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

WEC AND CCEC

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm		
NAME: BS100	TYPE:ESTANCA	SERIAL No.:NI
DIM.: NA	SPEC.:NA	PROTECTION ANGLE:NA
MFR.: BEGHELLI DE MEXICO	SUR.:NA	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.344	.196	.062	.337	.192	.061	.322	.185	.059	.309	.178	.057	.297	.172	.055	
2.0	.315	.173	.053	.308	.170	.052	.296	.164	.051	.284	.159	.050	.273	.154	.049	
3.0	.288	.153	.046	.281	.151	.045	.270	.146	.044	.260	.142	.044	.250	.138	.043	
4.0	.263	.137	.040	.257	.135	.040	.247	.131	.039	.238	.128	.039	.229	.124	.038	
5.0	.241	.123	.036	.236	.121	.035	.227	.118	.035	.219	.115	.034	.211	.113	.034	
6.0	.222	.111	.032	.218	.110	.032	.210	.108	.031	.202	.105	.031	.195	.103	.031	
7.0	.206	.102	.029	.202	.101	.029	.195	.099	.028	.188	.096	.028	.182	.094	.028	
8.0	.192	.094	.026	.188	.093	.026	.182	.091	.026	.176	.089	.026	.170	.087	.025	
9.0	.179	.087	.024	.176	.086	.024	.170	.084	.024	.165	.082	.024	.159	.081	.023	
10.0	.168	.080	.022	.165	.080	.022	.160	.078	.022	.155	.077	.022	.150	.075	.022	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.203	.203	.203	.174	.174	.174	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.195	.169	.144	.167	.145	.124	.114	.100	.086	.066	.058	.050	.021	.019	.016	
2.0	.188	.145	.108	.161	.124	.093	.110	.086	.065	.064	.050	.038	.020	.016	.012	
3.0	.181	.127	.085	.155	.110	.073	.106	.076	.052	.061	.045	.030	.020	.014	.010	
4.0	.173	.114	.069	.149	.099	.060	.102	.069	.042	.059	.040	.025	.019	.013	.008	
5.0	.166	.104	.059	.142	.090	.051	.098	.063	.036	.057	.037	.021	.018	.012	.007	
6.0	.158	.096	.051	.136	.083	.044	.094	.058	.031	.054	.034	.019	.018	.011	.006	
7.0	.151	.089	.045	.130	.077	.039	.090	.054	.028	.052	.032	.017	.017	.010	.006	
8.0	.144	.083	.041	.124	.072	.036	.086	.051	.025	.050	.030	.015	.016	.010	.005	
9.0	.138	.078	.038	.119	.068	.033	.082	.048	.023	.048	.028	.014	.016	.009	.005	
10.0	.132	.074	.035	.114	.064	.031	.079	.045	.022	.046	.027	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

Uncorrected UGR Table

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm											
NAME: BS100					TYPE:ESTANCA			SERIAL No.:NI			
DIM.: NA					SPEC.:NA			PROTECTION ANGLE:NA			
MFR.: BEGHELLI DE MEXICO					SUR.:NA						
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		25.4	26.9	25.7	27.2	27.4	27.1	28.7	27.4	28.9	29.1
3H		26.9	28.4	27.3	28.7	28.9	29.2	30.6	29.5	30.9	31.2
4H		27.6	29.0	28.0	29.3	29.6	30.0	31.4	30.3	31.6	31.9
6H		28.2	29.5	28.5	29.8	30.1	30.5	31.8	30.9	32.1	32.4
8H		28.4	29.7	28.8	30.0	30.3	30.6	31.9	31.0	32.2	32.6
12H		28.6	29.8	29.0	30.2	30.5	30.7	31.9	31.1	32.3	32.6
4H 2H		26.3	27.6	26.6	27.9	28.2	27.6	29.0	27.9	29.2	29.5
3H		28.0	29.2	28.4	29.5	29.9	29.8	31.1	30.2	31.4	31.7
4H		28.8	29.9	29.2	30.2	30.6	30.8	31.9	31.2	32.3	32.7
6H		29.4	30.4	29.9	30.8	31.2	31.5	32.6	32.0	32.9	33.3
8H		29.7	30.7	30.2	31.1	31.5	31.8	32.7	32.2	33.1	33.5
12H		30.0	30.9	30.5	31.3	31.8	31.9	32.8	32.4	33.2	33.7
8H 4H		29.2	30.2	29.7	30.6	31.0	31.0	32.0	31.5	32.4	32.8
6H		30.1	30.9	30.6	31.3	31.8	32.0	32.7	32.4	33.2	33.6
8H		30.5	31.2	31.0	31.7	32.2	32.3	33.0	32.8	33.5	34.0
12H		31.0	31.6	31.5	32.1	32.6	32.6	33.2	33.1	33.7	34.2
12H 4H		29.3	30.2	29.8	30.6	31.0	31.0	31.9	31.5	32.3	32.8
6H		30.3	31.0	30.8	31.4	31.9	32.0	32.7	32.5	33.2	33.7
8H		30.8	31.4	31.3	31.9	32.4	32.5	33.1	33.0	33.5	34.1
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H		+ 0.1 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 14613 lm Total Lamp Luminous Flux. (8log(F/F0) = 9.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

UTILIZATION FACTORS TABLE

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm		
NAME: BS100	TYPE:ESTANCA	SERIAL No.:NI
DIM.: NA	SPEC.:NA	PROTECTION ANGLE:NA
MFR.: BEGHELLI DE MEXICO	SUR.:NA	

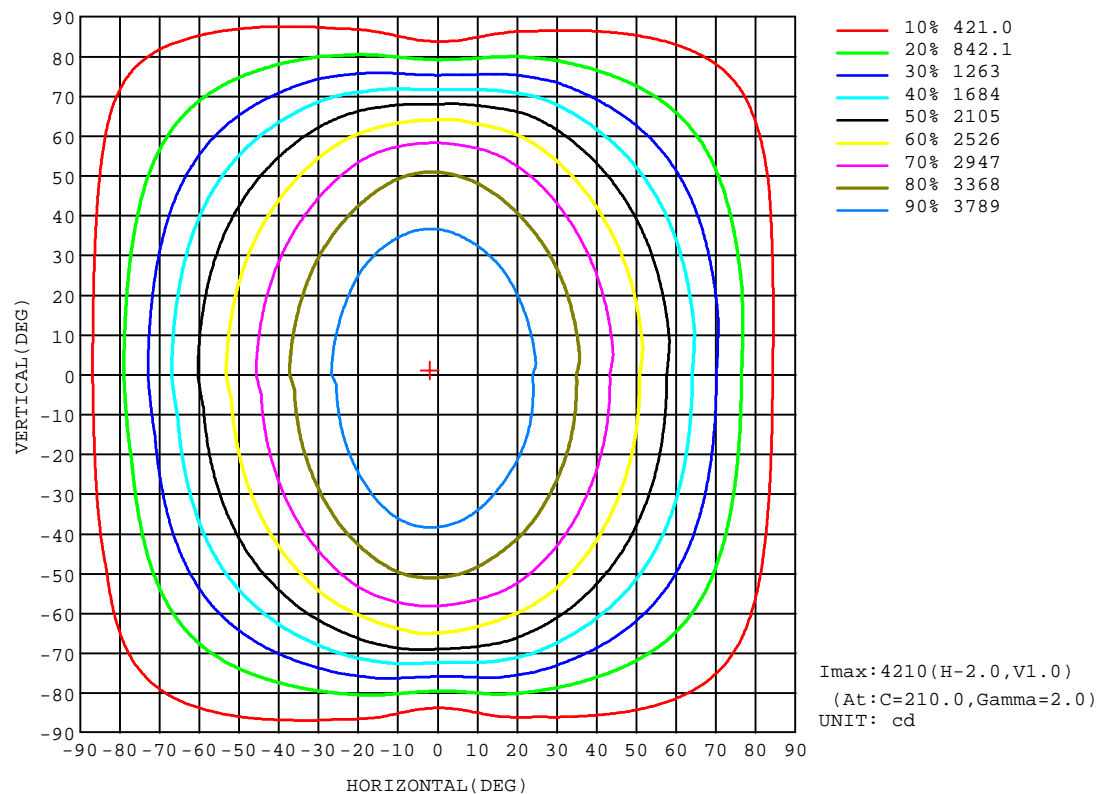
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	34	52	41	34	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	60	53	71	60	52	69	61	52	44
1.25	80	68	60	78	67	60	75	66	59	51
1.50	85	74	66	83	73	66	80	71	65	56
2.00	92	82	75	90	81	74	86	79	73	64
2.50	96	87	81	94	86	80	90	83	78	69
3.00	100	92	86	97	90	85	93	87	82	73
4.00	104	98	92	101	96	91	97	92	88	78
5.00	107	101	97	104	99	95	99	95	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

ISOCANDELA DIAGRAM

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm		
NAME: BS100	TYPE:ESTANCA	SERIAL No.:NI
DIM.: NA	SPEC.:NA	PROTECTION ANGLE:NA
MFR.: BEGHELLI DE MEXICO	SUR.:NA	

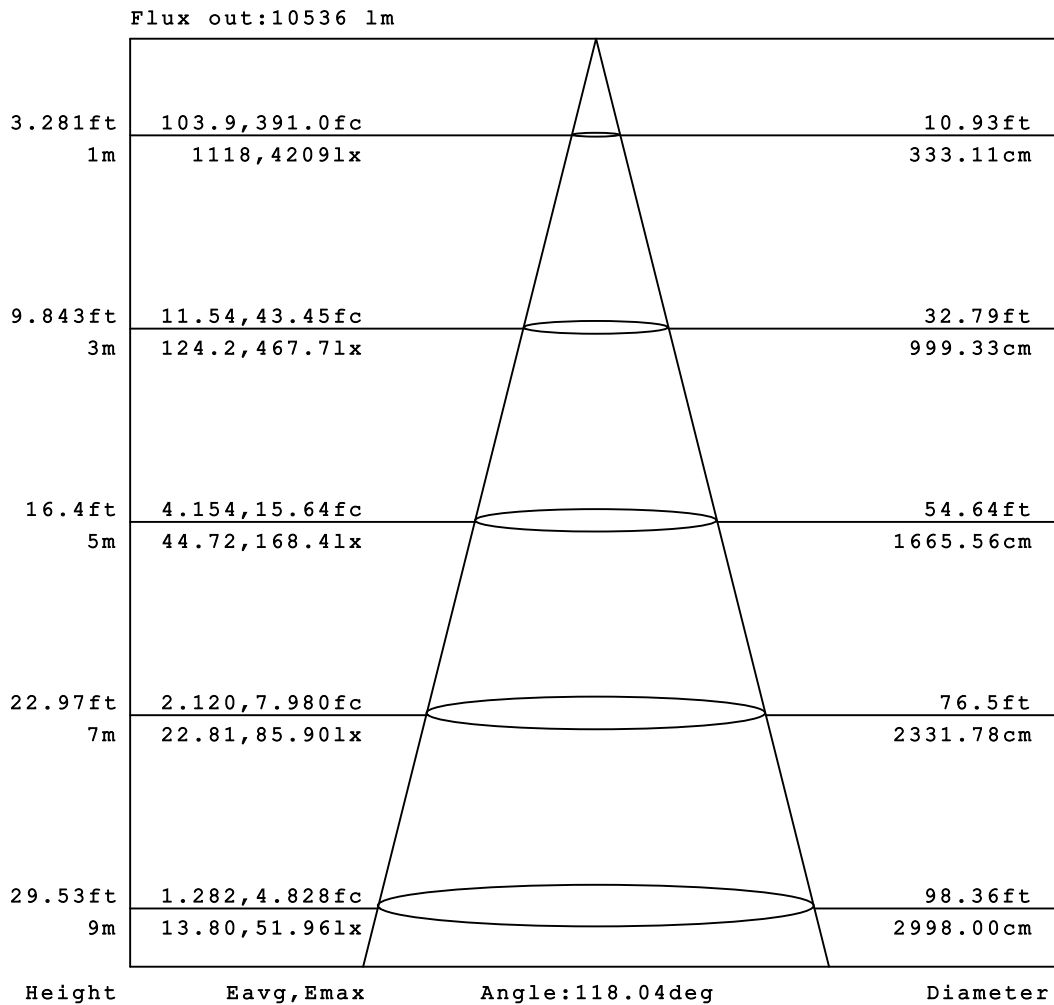


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

AAI Figure

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm		
NAME: BS100	TYPE:ESTANCA	SERIAL No.:NI
DIM.: NA	SPEC.:NA	PROTECTION ANGLE:NA
MFR.: BEGHELLI DE MEXICO	SUR.:NA	



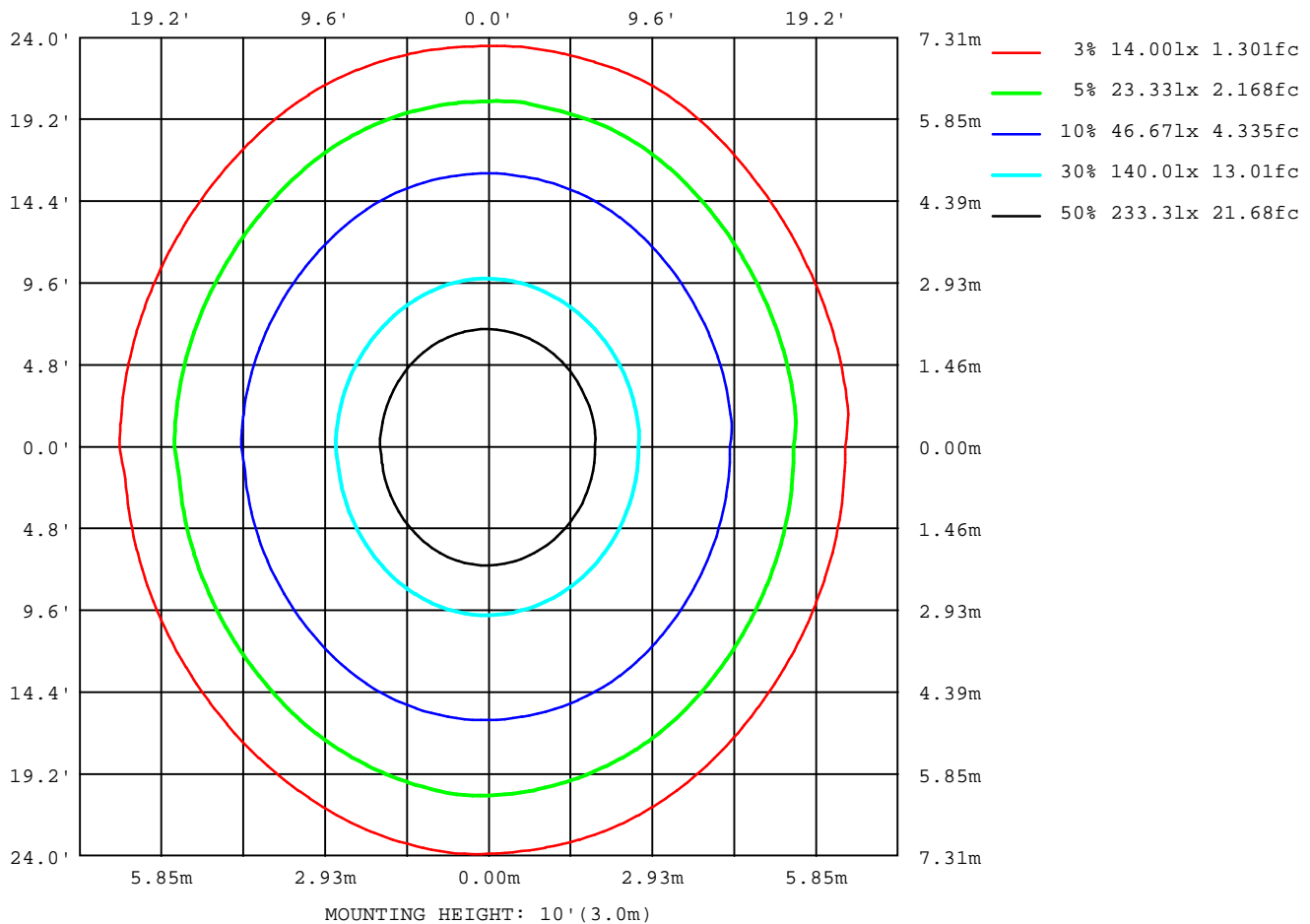
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

ISOLUX DIAGRAM

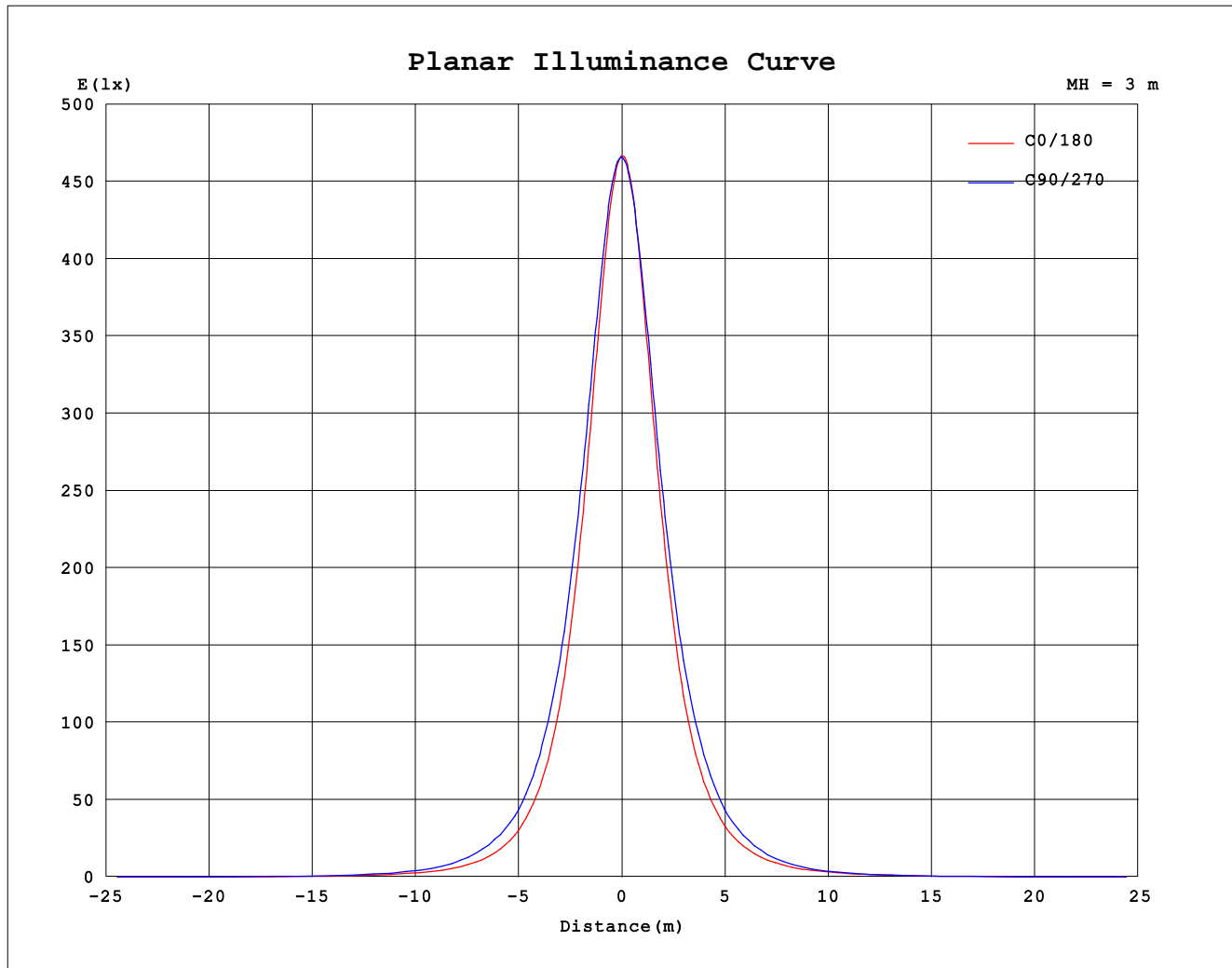
Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm		
NAME: BS100	TYPE:ESTANCA	SERIAL No.:NI
DIM.: NA	SPEC.:NA	PROTECTION ANGLE:NA
MFR.: BEGHELLI DE MEXICO	SUR.:NA	



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm																		
NAME: BS100									TYPE:ESTANCA					SERIAL No.:NI				
DIM.: NA									SPEC.:NA					PROTECTION ANGLE:NA				
MFR.: BEGHELLI DE MEXICO									SUR.:NA									

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	4200	4204	4204	4206	4208	4209	4209	4209	4207	4206	4205	4202	4200	4199	4198	4196	4194	4193	4192
5	4170	4173	4177	4180	4184	4187	4188	4191	4192	4192	4194	4194	4194	4194	4194	4194	4194	4194	4193
10	4110	4115	4119	4125	4131	4137	4143	4148	4152	4157	4162	4165	4169	4173	4176	4178	4180	4182	4183
15	4019	4024	4031	4039	4047	4057	4068	4078	4088	4098	4107	4116	4124	4132	4139	4144	4149	4153	4155
20	3900	3907	3915	3925	3938	3952	3966	3982	3996	4011	4027	4041	4055	4068	4080	4090	4098	4104	4108
25	3753	3760	3771	3784	3800	3819	3838	3859	3879	3899	3920	3941	3961	3980	3998	4014	4027	4036	4042
30	3575	3582	3595	3612	3631	3655	3680	3706	3733	3760	3788	3817	3846	3874	3900	3923	3942	3956	3964
35	3363	3372	3386	3405	3430	3458	3489	3522	3558	3595	3632	3673	3711	3749	3785	3816	3841	3859	3870
40	3119	3128	3144	3167	3195	3227	3264	3307	3352	3401	3453	3505	3554	3600	3642	3680	3710	3733	3746
45	2855	2864	2881	2904	2933	2969	3012	3060	3116	3178	3242	3304	3361	3413	3462	3508	3547	3576	3592
50	2573	2582	2599	2622	2651	2689	2733	2787	2850	2920	2991	3063	3132	3199	3260	3317	3365	3399	3419
55	2268	2278	2293	2316	2346	2383	2429	2487	2553	2625	2703	2788	2873	2949	3010	3060	3097	3123	3139
60	1950	1958	1973	1994	2020	2054	2099	2156	2220	2292	2379	2472	2560	2635	2696	2740	2783	2819	2842
65	1615	1623	1637	1656	1681	1711	1751	1801	1857	1927	2013	2101	2189	2273	2338	2402	2455	2497	2528
70	1269	1276	1289	1306	1327	1355	1389	1429	1478	1538	1609	1685	1773	1857	1929	1955	1984	1979	1989
75	931	937	948	962	980	1002	1031	1061	1096	1142	1192	1251	1316	1387	1413	1450	1417	1380	1375
80	628	633	641	654	669	688	709	730	752	778	804	836	870	895	917	919	865	814	796
85	389	392	399	409	422	437	453	467	480	491	499	506	511	507	509	489	429	357	320
90	195	197	200	204	210	216	220	220	219	214	206	233	251	187	202	210	174	140	131
95	29.2	29.2	34.5	11.3	8.60	18.9	18.4	18.7	52.5	13.3	95.7	68.1	128	69.4	62.6	74.1	69.2	66.3	66.3
100	58.2	59.1	79.1	76.7	80.7	96.8	116	134	137	135	128	115	88.5	60.0	35.2	23.5	22.3	22.2	22.3
105	98.5	98.8	99.6	101	102	104	105	104	102	95.8	86.2	73.2	57.3	37.9	19.0	5.16	2.82	2.41	2.04
110	83.3	83.4	83.5	83.6	83.4	82.8	81.2	78.1	73.3	66.1	56.7	45.7	33.4	21.1	9.10	2.84	2.04	1.71	0.96
115	67.0	66.9	66.4	65.8	64.6	62.7	60.0	56.0	50.8	44.2	36.5	27.8	19.0	10.4	4.49	2.80	1.81	1.07	0.24
120	50.5	50.4	49.8	48.8	47.3	45.0	42.1	38.4	33.9	28.5	22.7	16.0	9.96	5.17	4.09	2.88	1.55	1.02	0.24
125	36.3	36.2	35.6	34.6	33.1	31.1	28.5	25.4	21.8	17.4	13.1	8.78	5.36	4.55	3.90	2.95	0.25	1.31	0.22
130	25.1	24.9	24.4	23.5	22.3	20.5	18.3	15.8	13.1	10.1	7.16	5.27	4.81	4.46	3.80	3.00	0.25	1.47	0.24
135	16.3	16.2	15.8	15.0	14.0	12.7	11.0	9.17	7.27	5.60	5.14	4.96	4.78	4.37	3.75	0.27	1.85	1.31	0.27
140	9.69	9.61	9.27	8.72	7.95	7.01	5.95	5.32	5.13	5.03	4.99	4.89	4.64	4.18	3.41	0.28	1.70	1.33	0.38
145	5.29	5.28	5.24	5.17	5.10	5.04	5.01	4.97	4.96	4.96	4.89	4.70	4.37	3.91	0.32	2.36	1.95	1.28	0.38
150	4.87	4.87	4.87	4.87	4.87	4.86	4.87	4.87	4.84	4.76	4.60	4.35	3.99	0.34	0.33	2.40	2.03	1.38	0.52
155	4.75	4.75	4.75	4.74	4.72	4.71	4.68	4.62	4.52	4.37	4.14	1.19	0.36	0.35	2.66	2.32	1.97	1.37	0.68
160	4.48	4.49	4.48	4.45	4.42	4.35	4.26	4.15	2.92	1.47	0.39	0.38	2.36	2.19	1.93	1.74	1.52	1.16	0.70
165	0.39	0.40	1.61	1.58	0.38	0.40	0.37	0.36	0.36	2.02	2.32	2.12	1.89	1.71	1.50	1.28	1.06	0.86	0.58
170	2.33	2.32	2.25	2.18	2.16	2.17	2.12	2.06	1.97	1.84	1.72	1.57	1.35	1.14	0.97	0.80	0.66	0.57	0.47
175	1.57	1.58	1.58	1.58	1.48	1.44	1.33	1.22	1.11	1.05	0.96	0.89	0.82	0.72	0.64	0.57	0.47	0.32	0.27
180	0.17	0.14	0.12	0.15	0.21	0.26	0.30	0.35	0.35	0.36	0.39	0.41	0.41	0.42	0.42	0.41	0.40	0.39	0.38

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm																		
NAME: BS100									TYPE:ESTANCA					SERIAL No.:NI				
DIM.: NA									SPEC.:NA					PROTECTION ANGLE:NA				
MFR.: BEGHELLI DE MEXICO									SUR.:NA									

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	4191	4191	4192	4192	4193	4194	4195	4195	4195	4196	4196	4197	4197	4197	4197	4198	4198	4200	4204
5	4194	4194	4195	4196	4196	4197	4197	4198	4197	4196	4195	4193	4193	4193	4192	4192	4193	4200	4203
10	4184	4184	4185	4185	4184	4182	4180	4177	4174	4170	4166	4163	4159	4155	4154	4151	4151	4167	4169
15	4156	4158	4157	4155	4151	4146	4140	4132	4125	4116	4108	4100	4092	4084	4078	4075	4072	4096	4097
20	4110	4110	4109	4103	4096	4087	4076	4063	4048	4034	4019	4005	3992	3980	3970	3964	3960	3990	3990
25	4045	4044	4040	4030	4018	4002	3983	3964	3942	3920	3898	3878	3859	3842	3828	3818	3812	3848	3846
30	3967	3965	3957	3942	3921	3896	3866	3836	3806	3775	3745	3718	3693	3670	3652	3639	3630	3672	3670
35	3874	3869	3856	3833	3803	3766	3725	3682	3639	3599	3562	3528	3498	3472	3449	3433	3423	3469	3468
40	3750	3743	3724	3694	3654	3606	3553	3499	3445	3396	3351	3311	3276	3245	3219	3201	3188	3241	3240
45	3596	3585	3559	3519	3468	3409	3349	3287	3224	3165	3111	3063	3024	2990	2962	2942	2928	2984	2983
50	3423	3407	3370	3316	3251	3179	3107	3038	2969	2901	2841	2788	2746	2711	2684	2664	2650	2709	2708
55	3147	3140	3111	3062	2995	2915	2829	2748	2675	2607	2544	2492	2450	2418	2393	2374	2361	2422	2422
60	2844	2822	2784	2735	2670	2596	2511	2424	2348	2285	2229	2181	2143	2114	2092	2074	2062	2126	2125
65	2543	2486	2431	2361	2294	2218	2145	2070	1998	1942	1895	1853	1819	1792	1772	1755	1743	1812	1810
70	2023	2027	1980	1943	1872	1806	1739	1685	1627	1577	1538	1501	1469	1443	1423	1407	1394	1469	1467
75	1402	1445	1467	1435	1415	1364	1318	1275	1236	1196	1164	1134	1106	1084	1065	1050	1039	1113	1111
80	828	882	938	943	938	923	903	876	855	831	810	789	768	749	733	721	711	775	773
85	364	440	506	532	540	552	553	549	543	533	522	508	493	478	465	455	448	502	501
90	146	195	243	250	255	268	278	281	285	279	272	262	252	241	232	224	221	284	282
95	69.6	71.0	77.6	59.9	58.6	119	41.6	67.9	75.4	29.4	26.5	8.93	20.6	23.1	23.7	24.3	23.1	69.6	90.9
100	23.1	24.9	26.0	33.2	59.4	87.4	116	136	143	144	142	129	108	92.2	81.8	75.7	72.6	42.3	45.0
105	2.92	2.33	5.57	16.6	36.5	61.6	79.8	93.9	104	110	112	111	109	107	105	103	102	106	106
110	1.72	1.84	2.54	8.75	21.3	37.0	50.6	63.0	73.2	80.8	85.7	88.4	89.5	89.6	89.1	88.5	88.2	92.2	92.2
115	1.10	1.52	2.49	4.05	11.6	21.4	31.2	40.9	49.4	56.6	62.3	66.4	69.2	71.0	72.0	72.6	72.8	77.6	77.4
120	1.09	1.33	2.50	3.70	5.98	11.6	18.3	25.4	32.1	37.9	42.8	46.9	50.1	52.4	54.1	55.2	55.8	60.8	60.5
125	1.15	2.11	2.38	3.87	4.63	6.11	10.3	15.1	20.0	24.3	28.3	31.7	34.5	36.7	38.3	39.5	40.2	44.4	44.1
130	1.12	1.90	0.24	3.86	4.35	4.80	5.60	8.40	11.7	14.9	17.8	20.6	22.8	24.5	26.0	27.0	27.6	31.0	30.7
135	0.84	1.52	0.24	3.25	4.11	4.45	4.79	5.18	6.35	8.48	10.6	12.6	14.3	15.7	16.9	17.6	18.1	20.6	20.3
140	0.82	1.25	1.85	0.27	3.84	4.17	4.40	4.64	4.92	5.19	5.80	7.05	8.28	9.33	10.2	10.8	11.2	13.1	13.0
145	0.69	1.33	1.89	1.08	0.29	3.90	4.15	4.31	4.46	4.67	4.86	5.01	5.13	5.28	5.54	5.90	6.16	7.64	7.53
150	0.85	1.37	1.85	2.37	0.30	0.30	3.56	4.05	4.18	4.28	4.37	4.48	4.60	4.70	4.76	4.80	4.81	5.31	5.31
155	0.89	1.25	1.64	1.97	2.29	1.21	0.30	0.35	3.62	3.98	4.08	4.13	4.18	4.21	4.25	4.28	4.30	4.80	4.80
160	0.85	1.09	1.36	1.57	1.76	1.96	2.19	0.72	0.30	0.29	1.48	2.67	3.80	3.87	3.92	3.98	4.01	4.38	4.39
165	0.59	0.78	0.91	1.08	1.22	1.38	1.53	1.69	1.85	2.05	2.17	0.63	0.25	0.25	0.26	0.27	0.29	0.66	0.67
170	0.46	0.49	0.53	0.61	0.66	0.72	0.79	0.90	1.01	1.14	1.24	1.33	1.42	1.50	1.57	1.65	1.73	2.65	2.68
175	0.26	0.27	0.30	0.31	0.36	0.37	0.41	0.45	0.48	0.52	0.55	0.58	0.60	0.62	0.64	0.69	0.75	1.64	1.65
180	0.37	0.36	0.42	0.37	0.22	0.19	0.45	0.29	0.03	0.07	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.61	0.61

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm																		
NAME: BS100									TYPE:ESTANCA					SERIAL No.:NI				
DIM.: NA									SPEC.:NA					PROTECTION ANGLE:NA				
MFR.: BEGHELLI DE MEXICO									SUR.:NA									

Table--3

UNIT: cd

<div> <div>C(DEG)</div> <div>γ (DEG)</div> </div>	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	4204	4206	4208	4209	4209	4209	4207	4206	4205	4202	4200	4199	4198	4196	4194	4193	4192	4191	4191
5	4203	4204	4205	4205	4205	4203	4203	4199	4198	4195	4192	4190	4187	4185	4182	4180	4179	4177	4177
10	4168	4170	4170	4170	4171	4170	4170	4171	4168	4167	4166	4164	4162	4160	4158	4155	4153	4150	4148
15	4097	4098	4099	4102	4106	4109	4112	4115	4118	4119	4121	4122	4123	4122	4121	4117	4115	4111	4108
20	3990	3994	3998	4004	4012	4020	4028	4036	4046	4055	4062	4068	4074	4076	4077	4074	4071	4066	4060
25	3849	3855	3862	3873	3886	3902	3919	3937	3954	3972	3987	4000	4010	4016	4018	4018	4013	4006	3996
30	3674	3682	3695	3710	3731	3754	3781	3808	3837	3863	3884	3902	3917	3927	3931	3931	3926	3918	3906
35	3473	3482	3498	3518	3545	3575	3611	3646	3682	3716	3747	3774	3797	3813	3823	3826	3821	3811	3794
40	3246	3257	3275	3301	3332	3369	3409	3451	3495	3539	3582	3623	3658	3684	3700	3708	3704	3691	3670
45	2989	3003	3027	3054	3089	3130	3177	3226	3279	3335	3391	3445	3492	3532	3560	3573	3571	3556	3527
50	2714	2728	2751	2780	2816	2861	2912	2969	3033	3102	3169	3234	3296	3348	3385	3403	3401	3383	3349
55	2427	2440	2460	2486	2521	2565	2618	2679	2752	2830	2906	2984	3052	3106	3140	3154	3153	3137	3107
60	2130	2142	2159	2182	2211	2252	2302	2363	2433	2512	2597	2673	2731	2773	2805	2825	2829	2812	2782
65	1814	1824	1839	1859	1886	1923	1967	2022	2084	2159	2232	2297	2346	2385	2408	2421	2429	2440	2391
70	1469	1478	1492	1510	1535	1570	1608	1656	1708	1769	1827	1876	1893	1902	1906	1875	1861	1874	1891
75	1112	1119	1130	1145	1167	1195	1227	1264	1307	1350	1395	1408	1401	1399	1349	1304	1283	1298	1324
80	775	781	790	801	818	837	857	880	904	923	945	932	929	891	828	772	744	760	804
85	503	509	517	526	532	544	554	563	568	567	564	550	536	497	426	353	309	340	408
90	280	282	285	288	291	294	293	288	272	254	234	211	206	200	174	137	123	133	174
95	60.5	59.2	37.6	39.0	0.16	78.1	8.85	73.8	22.0	52.3	81.5	76.8	73.2	70.5	58.4	54.7	52.8	53.6	55.4
100	50.8	60.1	72.9	90.7	115	143	150	151	147	127	98.6	68.0	40.6	21.2	12.3	11.0	10.2	11.0	11.5
105	107	109	111	113	115	116	115	111	102	87.3	67.9	42.4	20.3	6.04	1.52	1.10	0.27	1.25	1.53
110	92.6	93.1	93.5	93.6	92.6	90.4	86.0	79.0	69.2	56.9	41.1	24.7	10.8	2.69	1.73	1.12	0.23	1.52	1.77
115	77.1	76.5	75.4	73.5	70.7	66.6	61.2	54.3	45.3	35.3	24.6	13.9	5.46	2.62	1.71	1.33	0.20	1.74	1.90
120	59.8	58.5	56.7	54.2	50.9	46.6	41.5	35.5	28.7	21.2	13.9	7.52	4.55	2.60	0.98	1.32	0.22	1.79	1.53
125	43.3	42.0	40.2	37.8	34.8	31.3	27.1	22.3	17.3	12.3	7.59	5.37	4.36	1.45	1.38	1.52	0.25	1.98	1.51
130	30.0	28.9	27.3	25.3	22.8	20.0	16.9	13.5	10.0	6.76	5.43	4.77	4.13	0.26	1.94	1.25	0.34	1.77	2.34
135	19.8	18.9	17.7	16.2	14.4	12.3	10.0	7.68	5.83	5.25	4.79	4.35	3.57	0.27	1.84	1.15	0.44	1.40	2.11
140	12.5	11.9	10.9	9.81	8.48	7.03	5.80	5.41	5.02	4.69	4.40	3.46	0.32	2.09	1.79	1.18	0.52	1.58	2.25
145	7.22	6.76	6.18	5.68	5.49	5.30	5.06	4.82	4.59	4.40	3.55	0.39	0.35	2.15	1.63	1.02	0.51	1.45	2.02
150	5.27	5.22	5.15	5.05	4.91	4.78	4.63	4.51	4.37	3.62	0.47	0.43	2.11	1.68	1.23	0.80	0.50	1.19	1.66
155	4.78	4.75	4.62	4.51	4.55	4.37	4.27	4.14	1.70	0.53	0.50	2.22	1.87	1.38	0.89	0.63	0.49	0.99	1.41
160	4.36	4.35	4.32	4.26	4.17	2.79	0.63	0.61	0.58	1.60	2.42	2.13	1.79	1.40	1.00	0.75	0.56	0.99	1.42
165	0.68	0.68	0.68	0.68	0.67	0.66	1.49	2.97	2.77	2.51	2.20	1.86	1.57	1.26	1.00	0.79	0.64	0.97	1.31
170	2.76	2.80	2.81	2.78	2.74	2.66	2.55	2.40	2.24	2.06	1.86	1.63	1.38	1.17	0.98	0.81	0.68	0.80	1.09
175	1.68	1.70	1.69	1.67	1.62	1.55	1.46	1.37	1.28	1.19	1.10	1.01	0.92	0.84	0.74	0.65	0.60	0.69	0.80
180	0.61	0.60	0.58	0.55	0.53	0.53	0.52	0.52	0.51	0.50	0.48	0.46	0.44	0.42	0.41	0.39	0.38	0.37	0.36

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:1.222A P:146.2W PF:0.9974 Lamp Flux:14612.6x1 lm																	
NAME: BS100									TYPE:ESTANCA						SERIAL No.:NI		
DIM.: NA									SPEC.:NA						PROTECTION ANGLE:NA		
MFR.: BEGHELLI DE MEXICO									SUR.:NA								

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355			
0	4192	4192	4193	4194	4195	4195	4195	4196	4196	4197	4197	4197	4197	4198	4198			
5	4176	4176	4176	4176	4176	4175	4174	4174	4174	4173	4173	4174	4173	4173	4174			
10	4145	4143	4141	4139	4136	4134	4132	4130	4127	4125	4122	4121	4120	4119	4120			
15	4103	4098	4093	4086	4080	4073	4066	4060	4054	4049	4045	4041	4037	4036	4036			
20	4051	4041	4030	4018	4006	3993	3980	3968	3957	3947	3940	3933	3927	3925	3924			
25	3984	3969	3953	3935	3914	3893	3873	3855	3837	3822	3809	3798	3791	3785	3783			
30	3890	3870	3849	3824	3798	3771	3744	3717	3693	3671	3652	3636	3624	3617	3614			
35	3772	3745	3716	3684	3652	3619	3585	3552	3521	3490	3464	3443	3425	3415	3410			
40	3640	3604	3564	3523	3481	3438	3395	3352	3313	3276	3243	3215	3193	3180	3173			
45	3489	3443	3392	3339	3283	3227	3171	3118	3069	3026	2989	2959	2936	2920	2913			
50	3302	3248	3188	3126	3055	2986	2918	2854	2798	2751	2713	2683	2658	2642	2636			
55	3065	3009	2942	2867	2788	2708	2631	2561	2499	2450	2412	2382	2358	2343	2336			
60	2749	2706	2643	2564	2473	2388	2306	2234	2171	2122	2086	2060	2040	2026	2020			
65	2365	2339	2285	2204	2115	2023	1943	1876	1820	1774	1743	1721	1703	1693	1689			
70	1884	1875	1860	1790	1707	1626	1553	1498	1452	1415	1388	1369	1355	1347	1344			
75	1369	1374	1357	1333	1267	1212	1158	1117	1086	1058	1037	1023	1012	1005	1003			
80	855	887	880	876	845	821	794	772	754	736	721	709	700	693	690			
85	470	504	512	523	524	520	513	503	493	483	471	461	452	444	441			
90	208	223	228	245	261	272	283	284	282	276	268	262	256	251	249			
95	65.8	69.2	67.9	61.5	31.6	76.4	57.3	16.7	0.09	32.3	12.2	19.3	80.3	67.8	67.5			
100	18.6	35.3	56.9	83.8	110	132	140	142	123	94.9	73.5	56.8	45.2	37.2	32.7			
105	4.67	16.4	35.9	57.8	76.6	90.6	100	106	108	109	108	107	105	104	103			
110	2.55	8.48	20.6	35.1	48.5	60.3	69.8	77.0	82.0	85.1	86.9	87.8	88.0	88.2	88.1			
115	2.69	4.51	11.2	20.3	30.0	39.1	47.1	54.2	59.4	63.6	66.7	68.8	70.2	71.1	71.6			
120	2.80	4.52	5.94	11.1	17.5	24.3	30.8	36.5	41.3	45.2	48.5	51.1	52.9	54.2	54.9			
125	2.87	4.71	5.15	6.02	9.75	14.3	19.0	23.6	27.7	31.1	33.8	36.1	37.8	39.0	39.7			
130	2.82	4.42	4.98	5.26	5.72	7.97	11.2	14.4	17.5	20.2	22.6	24.5	26.0	27.0	27.7			
135	0.28	4.09	4.72	5.08	5.26	5.50	6.18	8.22	10.4	12.4	14.2	15.7	16.9	17.7	18.2			
140	0.30	2.02	4.37	4.86	5.11	5.21	5.30	5.46	5.80	6.90	8.14	9.24	10.1	10.8	11.2			
145	2.49	0.33	3.99	4.48	4.87	5.07	5.16	5.19	5.21	5.26	5.32	5.42	5.58	5.80	5.99			
150	1.96	0.45	0.38	4.02	4.44	4.78	4.95	5.05	5.09	5.10	5.10	5.10	5.11	5.12	5.12			
155	1.69	1.99	0.43	0.41	0.48	4.26	4.50	4.71	4.85	4.92	4.96	4.99	5.01	5.02	5.03			
160	1.78	2.04	2.29	2.40	0.43	0.46	0.49	3.88	4.32	4.47	4.57	4.66	4.71	4.78	4.80			
165	1.65	1.93	2.15	2.31	2.43	2.55	0.89	0.47	0.49	0.51	0.54	0.57	0.60	0.83	1.49			
170	1.27	1.55	1.75	1.96	2.15	2.28	2.38	2.45	2.52	2.54	2.54	2.57	2.63	2.70	2.62			
175	0.97	1.04	1.14	1.25	1.36	1.46	1.54	1.62	1.74	1.80	1.87	1.94	1.98	2.02	2.05			
180	0.36	0.36	0.37	0.38	0.41	0.43	0.44	0.46	0.48	0.51	0.53	0.55	0.58	0.62	0.65			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks:BS100 DRIVER 1300mA

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	4200	4204	4204	4206	4208	4209	4209	4209	4207	4206
3.0	4185	4189	4191	4194	4197	4199	4201	4202	4201	4200
6.0	4161	4165	4168	4172	4175	4179	4182	4185	4186	4187
9.0	4125	4129	4133	4138	4144	4149	4153	4159	4162	4165
12.0	4076	4082	4088	4094	4101	4108	4116	4123	4130	4136
15.0	4019	4024	4031	4039	4047	4057	4068	4078	4088	4098
18.0	3951	3957	3965	3974	3985	3997	4010	4023	4036	4049
21.0	3873	3880	3889	3900	3914	3928	3943	3959	3974	3991
24.0	3785	3792	3802	3814	3831	3848	3866	3886	3904	3924
27.0	3687	3693	3705	3719	3737	3757	3778	3801	3824	3847
30.0	3575	3582	3595	3612	3631	3655	3680	3706	3733	3760
33.0	3452	3460	3474	3492	3514	3541	3569	3600	3631	3664
36.0	3316	3325	3340	3360	3386	3415	3447	3481	3520	3559
39.0	3170	3179	3195	3217	3245	3277	3312	3353	3396	3442
42.0	3016	3025	3042	3064	3093	3127	3167	3212	3262	3316
45.0	2855	2864	2881	2904	2933	2969	3012	3060	3116	3178
48.0	2689	2697	2714	2738	2768	2805	2848	2900	2961	3028
51.0	2514	2524	2539	2563	2593	2630	2675	2730	2794	2865
54.0	2331	2340	2357	2380	2409	2447	2492	2550	2616	2687
57.0	2142	2151	2166	2189	2218	2254	2300	2358	2423	2496
60.0	1950	1958	1973	1994	2020	2054	2099	2156	2220	2292
63.0	1751	1759	1774	1794	1819	1850	1893	1945	2005	2077
66.0	1547	1554	1568	1587	1611	1641	1679	1728	1783	1851
69.0	1337	1345	1358	1375	1397	1426	1462	1504	1554	1617
72.0	1131	1138	1149	1166	1185	1211	1243	1279	1323	1379
75.0	931.3	937.4	947.6	962.2	980.4	1002	1031	1061	1096	1142
78.0	742.9	748.0	757.3	770.6	787.1	807.4	830.6	854.9	882.1	916.3
81.0	573.8	578.1	586.7	599.0	613.7	631.9	651.2	670.5	690.5	712.8
84.0	430.5	434.4	441.5	452.2	465.7	481.5	497.9	513.4	527.3	541.5
87.0	316.3	319.0	325.1	333.8	345.3	358.9	372.5	385.0	395.5	403.3
90.0	195.0	196.9	199.6	204.2	210.2	216.5	219.6	220.0	219.3	214.1
93.0	66.54	66.90	66.05	64.35	61.43	55.77	46.54	33.19	16.38	40.47
96.0	30.56	30.72	43.45	0.2876	0.2180	0.5115	4.317	11.46	70.57	55.32
99.0	34.61	35.38	70.22	57.42	54.40	72.48	85.52	111.6	137.7	143.5
102.0	104.0	104.9	108.1	111.7	114.5	117.4	120.1	121.9	121.6	118.0
105.0	98.49	98.83	99.56	100.8	102.3	103.8	104.6	104.2	101.5	95.76
108.0	89.57	89.70	90.04	90.53	91.00	91.08	90.30	88.07	83.82	76.95
111.0	80.15	80.21	80.13	80.01	79.63	78.62	76.70	73.42	68.30	61.16
114.0	70.24	70.20	69.89	69.27	68.26	66.59	63.95	60.10	54.81	48.08
117.0	60.22	60.13	59.62	58.72	57.29	55.20	52.25	48.37	43.38	37.28
120.0	50.53	50.40	49.79	48.81	47.25	45.02	42.11	38.44	33.93	28.55
123.0	41.60	41.44	40.85	39.82	38.27	36.20	33.49	30.17	26.13	21.58
126.0	33.84	33.68	33.11	32.12	30.68	28.75	26.25	23.05	19.75	15.70
129.0	27.11	26.98	26.44	25.51	24.11	22.43	20.19	17.40	14.52	11.34
132.0	21.40	21.21	20.72	19.87	18.55	17.02	15.12	12.91	10.45	7.931
135.0	16.32	16.22	15.79	15.04	14.00	12.67	11.02	9.174	7.275	5.597
138.0	12.15	12.06	11.69	11.04	10.15	9.014	7.706	6.315	5.371	5.128
141.0	8.590	8.528	8.220	7.694	6.993	6.143	5.454	5.188	5.064	5.009
144.0	5.768	5.732	5.592	5.384	5.229	5.136	5.055	5.013	4.985	4.974
147.0	5.009	5.011	5.006	4.991	4.971	4.949	4.934	4.934	4.935	4.905
150.0	4.869	4.872	4.874	4.865	4.866	4.865	4.867	4.868	4.836	4.756
153.0	4.810	4.804	4.799	4.792	4.797	4.790	4.780	4.747	4.680	4.553
156.0	4.717	4.720	4.707	4.692	4.680	4.653	4.610	4.543	4.428	4.256
159.0	4.561	4.564	4.552	4.533	4.497	4.446	4.365	4.261	4.119	2.531
162.0	4.252	4.269	4.258	4.224	4.185	4.113	0.7254	0.7962	0.4451	0.4060
165.0	0.3897	0.3963	1.609	1.584	0.3775	0.4018	0.3651	0.3636	0.3595	2.022
168.0	0.3071	0.3142	0.3319	0.4357	1.098	2.029	2.204	2.251	2.180	2.079
171.0	2.200	2.174	2.148	2.110	2.082	2.057	2.024	1.924	1.827	1.684
174.0	1.754	1.775	1.767	1.767	1.742	1.660	1.590	1.407	1.317	1.188
177.0	1.250	1.266	1.259	1.210	1.113	1.018	0.9889	0.9466	0.8908	0.8415
180.0	0.1742	0.1390	0.1158	0.1494	0.2132	0.2613	0.3044	0.3480	0.3500	0.3612

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	4205	4202	4198	4199	4198	4196	4194	4193	4192	4191
3.0	4201	4200	4198	4198	4197	4196	4195	4195	4194	4194
6.0	4189	4190	4190	4191	4192	4192	4192	4192	4192	4193
9.0	4170	4172	4175	4178	4181	4182	4184	4185	4186	4187
12.0	4143	4148	4153	4159	4164	4167	4170	4173	4174	4175
15.0	4107	4116	4124	4132	4139	4144	4149	4153	4155	4156
18.0	4062	4074	4086	4097	4107	4114	4121	4126	4129	4131
21.0	4007	4024	4038	4052	4066	4076	4085	4092	4096	4098
24.0	3943	3963	3982	4000	4016	4030	4042	4051	4055	4059
27.0	3871	3894	3917	3940	3961	3979	3994	4005	4012	4016
30.0	3788	3817	3846	3874	3900	3923	3942	3956	3964	3967

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

Photometric Data Table [cd]

33.0	3698	3733	3767	3801	3833	3861	3884	3900	3911	3914
36.0	3599	3641	3681	3721	3760	3792	3818	3837	3849	3853
39.0	3491	3540	3588	3633	3674	3710	3740	3761	3775	3778
42.0	3372	3430	3482	3530	3574	3614	3647	3672	3687	3691
45.0	3242	3304	3361	3413	3462	3508	3547	3576	3592	3596
48.0	3097	3163	3227	3286	3344	3397	3443	3476	3496	3498
51.0	2937	3010	3084	3153	3216	3274	3321	3354	3374	3378
54.0	2763	2846	2928	3003	3066	3119	3158	3185	3203	3210
57.0	2577	2668	2755	2830	2890	2936	2971	3000	3019	3025
60.0	2379	2472	2560	2635	2696	2740	2783	2819	2842	2844
63.0	2164	2256	2342	2425	2485	2540	2593	2639	2664	2663
66.0	1935	2020	2110	2193	2263	2327	2372	2410	2445	2460
69.0	1692	1770	1860	1944	2020	2056	2085	2097	2113	2140
72.0	1442	1511	1594	1677	1726	1755	1764	1737	1740	1774
75.0	1192	1251	1316	1387	1413	1450	1417	1380	1375	1402
78.0	950.7	995.3	1041	1084	1111	1126	1078	1032	1021	1048
81.0	734.2	760.7	788.0	805.1	824.6	818.3	764.1	709.0	688.3	720.1
84.0	552.1	563.4	573.3	572.5	579.4	560.7	501.5	432.6	399.9	439.9
87.0	406.6	407.2	404.2	392.4	390.3	371.0	314.7	241.5	215.3	247.2
90.0	205.8	232.5	251.1	186.9	202.0	210.1	174.2	139.7	130.7	146.0
93.0	48.69	70.26	177.1	26.95	68.04	81.37	87.91	90.18	90.85	93.93
96.0	119.1	120.2	103.2	70.95	58.67	65.43	57.58	55.26	55.79	58.25
99.0	138.6	123.1	93.95	64.36	39.82	33.17	28.37	28.05	28.16	30.20
102.0	109.7	96.64	76.31	50.81	28.05	12.97	10.19	10.65	10.73	13.07
105.0	86.16	73.24	57.27	37.92	18.97	5.160	2.815	2.412	2.036	2.923
108.0	67.29	55.24	41.62	26.78	12.15	3.175	1.926	1.404	0.4941	1.412
111.0	52.08	41.47	29.95	18.54	7.806	2.843	1.946	1.849	1.091	1.796
114.0	39.94	30.81	21.42	12.00	4.996	2.798	1.823	1.080	0.4467	1.190
117.0	30.27	22.68	14.59	7.773	4.244	2.814	1.812	1.192	0.2200	1.222
120.0	22.66	15.97	9.955	5.168	4.086	2.878	1.552	1.020	0.2390	1.085
123.0	16.27	11.28	6.646	4.701	3.941	2.928	0.2869	1.112	0.2228	1.023
126.0	11.68	7.725	5.148	4.492	3.888	2.960	0.2502	1.342	0.2251	1.171
129.0	8.115	5.512	4.858	4.467	3.812	2.996	0.2458	1.475	0.2395	1.156
132.0	5.701	5.073	4.794	4.437	3.790	2.475	1.282	1.389	0.2542	1.072
135.0	5.144	4.956	4.777	4.365	3.746	0.2724	1.853	1.314	0.2702	0.8429
138.0	5.025	4.928	4.716	4.261	3.660	0.2719	1.739	1.306	0.2993	0.7533
141.0	4.971	4.865	4.594	4.134	2.403	0.2873	1.688	1.316	0.4118	0.8197
144.0	4.919	4.751	4.433	3.972	0.3164	1.451	1.854	1.253	0.3868	0.7150
147.0	4.791	4.576	4.235	2.553	0.3212	2.444	2.025	1.345	0.4184	0.7174
150.0	4.601	4.349	3.986	0.3436	0.3306	2.400	2.034	1.378	0.5186	0.8521
153.0	4.350	4.067	0.3719	0.3401	2.736	2.377	2.032	1.422	0.6388	0.8945
156.0	3.887	0.3764	0.3566	1.689	2.550	2.272	1.925	1.352	0.6910	0.8852
159.0	0.4058	0.3779	0.8961	2.305	2.079	1.901	1.676	1.241	0.7064	0.8623
162.0	0.4009	2.062	2.182	1.979	1.766	1.565	1.339	1.007	0.6480	0.7813
165.0	2.318	2.116	1.889	1.706	1.496	1.277	1.060	0.8629	0.5822	0.5877
168.0	1.916	1.753	1.530	1.299	1.086	0.9308	0.7624	0.6513	0.5301	0.5380
171.0	1.562	1.453	1.241	1.069	0.9125	0.7674	0.6373	0.5482	0.4406	0.4113
174.0	1.104	1.025	0.9322	0.8459	0.7581	0.6756	0.5872	0.4348	0.3404	0.3038
177.0	0.7810	0.6658	0.5965	0.5396	0.4577	0.3666	0.3108	0.2829	0.2703	0.2675
180.0	0.3939	0.4051	0.4119	0.4205	0.4202	0.4127	0.3987	0.3854	0.3779	0.3686
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	4191	4192	4192	4193	4194	4195	4195	4195	4196	4196
3.0	4194	4195	4195	4197	4198	4199	4199	4199	4199	4198
6.0	4193	4194	4195	4195	4196	4196	4195	4195	4193	4192
9.0	4188	4188	4188	4188	4187	4185	4183	4180	4177	4174
12.0	4176	4176	4175	4173	4170	4167	4163	4158	4152	4147
15.0	4158	4157	4155	4151	4146	4140	4132	4125	4116	4108
18.0	4131	4131	4126	4121	4114	4105	4094	4082	4070	4058
21.0	4098	4096	4090	4082	4072	4060	4045	4029	4013	3998
24.0	4058	4054	4046	4036	4022	4004	3985	3966	3945	3925
27.0	4014	4008	3997	3982	3962	3940	3916	3891	3866	3841
30.0	3965	3957	3942	3921	3896	3866	3836	3806	3775	3745
33.0	3910	3899	3879	3853	3821	3785	3747	3709	3673	3639
36.0	3847	3833	3808	3776	3736	3693	3648	3603	3561	3522
39.0	3772	3753	3725	3687	3641	3590	3538	3486	3439	3395
42.0	3683	3662	3628	3584	3533	3477	3418	3361	3307	3259
45.0	3585	3559	3519	3468	3409	3349	3287	3224	3165	3111
48.0	3483	3449	3400	3341	3275	3209	3142	3076	3011	2953
51.0	3364	3327	3271	3204	3129	3054	2983	2913	2845	2784
54.0	3202	3172	3120	3051	2971	2888	2809	2736	2668	2605
57.0	3013	2985	2937	2873	2796	2708	2621	2546	2480	2419
60.0	2822	2784	2735	2670	2596	2511	2424	2348	2285	2229
63.0	2627	2575	2515	2450	2372	2298	2215	2141	2081	2031
66.0	2404	2354	2283	2212	2137	2066	1995	1925	1870	1826

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

Photometric Data Table [cd]

69.0	2127	2081	2034	1959	1890	1821	1764	1702	1652	1610
72.0	1808	1774	1745	1694	1632	1572	1522	1472	1424	1388
75.0	1445	1467	1435	1415	1364	1318	1275	1236	1196	1164
78.0	1098	1147	1133	1123	1094	1065	1031	1002	971.5	945.5
81.0	779.4	838.4	851.1	852.0	840.2	825.3	804.0	785.5	765.2	745.7
84.0	512.3	579.5	604.5	608.3	617.4	614.2	606.3	598.6	586.5	573.1
87.0	323.8	385.9	410.3	421.0	438.2	445.2	447.0	445.9	439.9	430.4
90.0	195.2	242.8	250.1	254.8	268.3	277.6	281.4	285.4	279.2	271.9
93.0	93.95	86.38	62.92	29.10	178.5	71.52	7.620	29.81	50.12	64.15
96.0	61.46	69.65	58.74	61.25	88.76	81.01	99.21	99.92	19.84	7.839
99.0	32.71	34.66	40.45	62.55	90.97	119.3	142.1	151.7	149.9	120.9
102.0	13.64	14.64	23.96	50.41	78.11	103.5	118.0	126.5	129.6	128.9
105.0	2.332	5.574	16.62	36.45	61.64	79.78	93.89	104.0	109.8	111.6
108.0	1.822	3.303	11.43	26.37	45.70	60.91	74.18	84.70	91.80	95.87
111.0	1.755	2.522	7.462	19.05	33.25	46.10	57.90	67.91	75.56	80.78
114.0	1.699	2.498	4.638	13.16	23.78	34.47	44.62	53.60	61.01	66.62
117.0	1.393	2.482	3.672	8.990	16.62	25.43	33.96	41.77	48.43	53.88
120.0	1.334	2.498	3.702	5.984	11.56	18.28	25.42	32.07	37.88	42.84
123.0	1.333	2.440	3.779	4.876	7.898	13.09	18.58	24.11	29.22	33.58
126.0	2.142	2.322	3.906	4.551	5.517	9.126	13.49	17.89	22.22	25.89
129.0	2.026	0.2490	3.889	4.410	4.908	6.235	9.497	13.06	16.47	19.74
132.0	1.719	0.2425	3.773	4.256	4.667	5.110	6.541	9.217	12.01	14.63
135.0	1.520	0.2420	3.254	4.109	4.454	4.794	5.176	6.354	8.482	10.61
138.0	1.320	2.021	0.2980	3.956	4.275	4.538	4.831	5.153	5.862	7.429
141.0	1.206	1.788	0.2664	3.776	4.128	4.346	4.559	4.820	5.074	5.330
144.0	1.265	1.859	0.2821	0.3035	3.964	4.191	4.353	4.536	4.769	4.955
147.0	1.396	1.878	2.470	0.2879	2.698	4.043	4.211	4.334	4.475	4.647
150.0	1.369	1.851	2.373	0.3048	0.3000	3.560	4.049	4.181	4.277	4.369
153.0	1.328	1.766	2.156	2.500	0.3032	0.3271	2.689	4.001	4.116	4.202
156.0	1.209	1.593	1.911	2.200	2.434	0.3082	0.3043	2.532	3.889	4.002
159.0	1.120	1.446	1.671	1.880	2.082	2.302	0.3059	0.2979	0.3331	2.659
162.0	0.9592	1.152	1.355	1.524	1.726	1.919	2.128	1.342	0.2966	0.2912
165.0	0.7846	0.9144	1.078	1.225	1.375	1.532	1.692	1.852	2.049	2.169
168.0	0.5935	0.7372	0.8082	0.8657	0.9718	1.088	1.220	1.375	1.522	1.636
171.0	0.4369	0.4641	0.5441	0.5716	0.6134	0.6914	0.7680	0.8647	0.9726	1.057
174.0	0.3154	0.3389	0.3677	0.3885	0.4370	0.4647	0.5286	0.5694	0.6133	0.6517
177.0	0.2731	0.2845	0.2940	0.3110	0.3398	0.4241	0.3893	0.2987	0.3422	0.3407
180.0	0.3556	0.4203	0.3711	0.2172	0.1898	0.4473	0.2945	0.0280	0.0712	0.0297
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	4197	4197	4197	4197	4198	4198	4200	4204	4204	4206
3.0	4198	4198	4198	4197	4198	4199	4205	4205	4207	4209
6.0	4190	4189	4188	4187	4187	4187	4197	4198	4199	4200
9.0	4171	4169	4165	4162	4162	4162	4177	4178	4178	4179
12.0	4141	4136	4131	4126	4125	4124	4142	4143	4144	4145
15.0	4100	4092	4084	4078	4075	4072	4096	4097	4097	4098
18.0	4047	4036	4026	4019	4013	4009	4036	4036	4037	4039
21.0	3982	3969	3955	3945	3937	3933	3964	3963	3965	3968
24.0	3906	3889	3872	3858	3850	3843	3878	3877	3879	3885
27.0	3818	3796	3777	3761	3749	3742	3781	3780	3783	3790
30.0	3718	3693	3670	3652	3639	3630	3672	3670	3674	3682
33.0	3607	3579	3554	3534	3519	3509	3554	3552	3556	3566
36.0	3487	3456	3428	3406	3390	3378	3425	3424	3429	3440
39.0	3357	3323	3293	3268	3250	3238	3289	3287	3293	3304
42.0	3216	3178	3146	3119	3100	3087	3141	3140	3146	3158
45.0	3063	3024	2990	2962	2942	2928	2984	2983	2989	3003
48.0	2902	2860	2825	2797	2777	2762	2821	2820	2826	2840
51.0	2731	2688	2654	2627	2607	2593	2652	2651	2656	2671
54.0	2552	2511	2479	2452	2433	2420	2480	2479	2484	2499
57.0	2370	2329	2299	2274	2256	2243	2305	2305	2309	2322
60.0	2181	2143	2114	2092	2074	2062	2126	2125	2130	2142
63.0	1986	1951	1924	1903	1887	1875	1941	1939	1944	1954
66.0	1785	1750	1725	1703	1687	1675	1746	1745	1749	1757
69.0	1573	1540	1514	1494	1477	1465	1540	1538	1541	1550
72.0	1354	1323	1299	1279	1263	1252	1327	1324	1327	1335
75.0	1134	1106	1084	1065	1050	1039	1113	1111	1112	1119
78.0	921.0	897.6	876.0	859.2	846.1	836.4	905.0	902.9	904.5	911.0
81.0	726.3	706.1	688.7	673.1	660.7	652.4	713.6	711.9	714.0	719.9
84.0	558.2	541.7	526.4	513.0	502.1	494.7	546.5	545.9	547.9	553.3
87.0	418.9	405.4	392.4	380.9	371.9	365.6	412.5	412.0	414.4	419.5
90.0	262.0	251.5	240.6	231.8	223.7	221.3	283.6	281.6	280.4	282.4
93.0	73.16	77.50	79.57	79.16	77.80	75.87	127.3	124.7	121.2	118.1
96.0	2.858	18.62	16.92	15.98	15.94	14.92	40.74	73.97	30.16	29.72
99.0	94.90	77.39	65.02	55.33	50.56	48.36	21.48	23.55	27.80	34.42
102.0	126.2	122.8	119.1	115.9	113.5	111.7	91.84	95.30	102.8	113.7

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

Photometric Data Table [cd]

105.0	111.2	109.4	107.0	104.7	102.9	101.8	105.9	106.1	107.2	108.7
108.0	97.42	97.42	96.54	95.42	94.30	93.65	97.42	97.60	98.27	99.24
111.0	83.93	85.40	85.96	85.90	85.55	85.30	89.46	89.50	89.76	90.02
114.0	70.59	73.19	74.75	75.62	75.96	76.12	80.69	80.60	80.43	79.97
117.0	58.09	61.20	63.38	64.79	65.63	66.06	71.00	70.75	70.25	69.30
120.0	46.89	50.08	52.41	54.13	55.25	55.84	60.83	60.49	59.78	58.53
123.0	37.26	40.25	42.54	44.25	45.38	46.13	50.82	50.48	49.55	48.23
126.0	29.18	31.88	34.00	35.64	36.73	37.43	41.47	41.17	40.37	39.08
129.0	22.53	24.75	26.75	28.22	29.29	29.89	33.39	33.11	32.38	31.22
132.0	16.98	18.98	20.74	22.01	22.97	23.41	26.49	26.22	25.53	24.47
135.0	12.59	14.30	15.73	16.85	17.64	18.13	20.58	20.35	19.79	18.91
138.0	9.005	10.44	11.64	12.58	13.30	13.75	15.86	15.65	15.18	14.43
141.0	6.225	7.318	8.303	9.082	9.676	10.06	11.87	11.72	11.31	10.68
144.0	5.113	5.288	5.696	6.250	6.717	7.012	8.605	8.480	8.159	7.624
147.0	4.803	4.913	5.015	5.081	5.141	5.186	6.006	5.943	5.768	5.615
150.0	4.484	4.604	4.696	4.755	4.796	4.813	5.314	5.307	5.268	5.220
153.0	4.259	4.314	4.372	4.425	4.467	4.493	5.002	5.001	4.964	4.915
156.0	4.067	4.115	4.147	4.181	4.211	4.239	4.719	4.667	4.624	4.560
159.0	3.820	3.902	3.954	3.999	4.041	4.072	4.406	4.422	4.405	4.362
162.0	0.3140	1.488	2.081	2.668	2.540	3.636	4.262	4.247	4.235	4.212
165.0	0.6324	0.2487	0.2530	0.2601	0.2717	0.2871	0.6617	0.6695	0.6780	0.6832
168.0	1.729	1.814	1.904	1.965	1.975	2.042	0.6755	0.7463	0.8325	1.134
171.0	1.145	1.228	1.294	1.369	1.455	1.528	2.444	2.477	2.555	2.598
174.0	0.6844	0.7285	0.7719	0.8155	0.8850	0.9575	1.834	1.844	1.889	1.912
177.0	0.3631	0.3543	0.3176	0.3013	0.2895	0.3294	1.145	1.155	1.173	1.176
180.0	0.0430	0	0	0	0	0	0.6128	0.6133	0.6108	0.5979
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	4208	4209	4209	4209	4207	4206	4205	4202	4200	4199
3.0	4209	4210	4210	4208	4206	4205	4203	4200	4197	4195
6.0	4200	4200	4200	4199	4198	4197	4194	4191	4188	4186
9.0	4179	4179	4179	4178	4178	4176	4176	4174	4172	4171
12.0	4147	4148	4149	4148	4150	4151	4151	4150	4150	4149
15.0	4099	4102	4106	4109	4112	4115	4118	4119	4121	4122
18.0	4043	4047	4053	4059	4064	4070	4078	4083	4087	4091
21.0	3973	3981	3989	3999	4008	4018	4029	4040	4048	4056
24.0	3892	3902	3914	3928	3943	3958	3975	3990	4004	4016
27.0	3800	3811	3828	3847	3867	3890	3911	3932	3950	3965
30.0	3695	3710	3731	3754	3781	3808	3837	3863	3884	3902
33.0	3579	3598	3622	3652	3683	3716	3748	3779	3805	3828
36.0	3456	3477	3505	3536	3573	3610	3647	3683	3717	3745
39.0	3322	3347	3376	3413	3452	3493	3535	3577	3618	3655
42.0	3179	3206	3239	3277	3320	3365	3411	3461	3510	3555
45.0	3027	3054	3089	3130	3177	3226	3279	3335	3391	3445
48.0	2863	2893	2929	2972	3022	3076	3135	3199	3262	3323
51.0	2693	2722	2759	2803	2855	2915	2980	3051	3121	3188
54.0	2519	2547	2582	2625	2679	2740	2811	2886	2962	3037
57.0	2342	2366	2398	2441	2493	2556	2630	2707	2788	2869
60.0	2159	2182	2211	2252	2302	2363	2433	2512	2597	2673
63.0	1970	1991	2019	2056	2104	2161	2227	2305	2384	2454
66.0	1772	1791	1819	1854	1898	1951	2011	2083	2154	2216
69.0	1564	1582	1608	1642	1684	1732	1786	1851	1912	1964
72.0	1347	1365	1388	1421	1458	1501	1551	1605	1657	1695
75.0	1130	1145	1167	1195	1227	1264	1307	1350	1395	1408
78.0	921.0	934.3	952.5	974.1	999.6	1028	1061	1091	1124	1117
81.0	728.8	739.8	753.9	772.4	789.7	809.0	829.8	842.6	860.0	844.5
84.0	561.5	570.6	582.2	594.7	606.5	618.0	626.4	627.9	628.6	609.3
87.0	427.2	435.5	445.1	456.4	464.3	470.2	470.5	465.4	454.7	430.4
90.0	285.3	288.1	291.3	293.9	293.1	287.5	271.5	253.5	233.9	210.8
93.0	113.0	121.0	104.3	125.0	69.81	133.5	3.675	3.107	78.67	28.02
96.0	0.0412	0.2535	7.752	54.64	16.46	44.29	78.81	110.6	107.4	80.52
99.0	44.62	59.43	80.15	108.0	144.4	160.2	153.9	133.3	104.6	72.80
102.0	123.8	127.2	130.4	133.2	135.0	134.0	127.4	112.2	85.48	57.56
105.0	110.8	113.1	115.0	116.0	115.1	111.0	102.1	87.27	67.91	42.39
108.0	100.4	101.3	101.6	100.5	97.29	91.02	81.20	67.45	50.96	30.78
111.0	90.09	89.65	88.27	85.48	80.75	73.62	63.82	51.94	37.25	22.18
114.0	79.10	77.57	74.99	71.17	65.76	58.53	49.77	38.92	27.32	15.74
117.0	67.78	65.50	62.31	58.09	52.84	45.85	37.89	29.01	19.59	10.95
120.0	56.72	54.24	50.93	46.58	41.52	35.48	28.72	21.24	13.87	7.517
123.0	46.34	43.84	40.69	36.87	32.31	27.08	21.25	15.33	9.716	5.650
126.0	37.35	35.01	32.13	28.71	24.68	20.19	15.56	10.93	6.731	5.213
129.0	29.61	27.51	24.91	21.91	18.55	14.96	11.21	7.612	5.613	4.875
132.0	23.05	21.23	19.03	16.58	13.83	10.87	7.912	5.784	5.148	4.578
135.0	17.72	16.22	14.40	12.30	10.04	7.681	5.830	5.253	4.795	4.354
138.0	13.41	12.14	10.58	8.888	7.095	5.735	5.293	4.882	4.507	2.938

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:JALS
 Test Date:2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity:49.5%
 Test Distance:2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

Photometric Data Table [cd]

141.0	9.829	8.771	7.552	6.288	5.595	5.274	4.908	4.608	4.351	3.827
144.0	6.939	6.180	5.643	5.426	5.187	4.909	4.667	4.438	3.516	1.709
147.0	5.501	5.376	5.235	5.058	4.858	4.673	4.486	4.270	3.394	0.4016
150.0	5.150	5.053	4.911	4.776	4.627	4.505	4.369	3.618	0.4732	0.4341
153.0	4.848	4.769	4.682	4.590	4.490	4.261	4.096	0.5262	0.4851	1.081
156.0	4.479	4.304	4.288	4.220	4.211	4.024	0.5673	0.5328	0.5277	2.205
159.0	4.302	4.280	4.232	4.136	0.9678	0.6048	0.5774	0.5720	2.483	2.175
162.0	4.066	2.117	0.6700	0.6502	0.6294	0.6153	1.229	2.652	2.324	2.015
165.0	0.6836	0.6796	0.6734	0.6645	1.492	2.973	2.768	2.514	2.202	1.863
168.0	2.334	3.161	3.102	3.019	2.907	2.748	2.540	2.295	2.032	1.787
171.0	2.608	2.583	2.538	2.464	2.354	2.217	2.067	1.920	1.736	1.525
174.0	1.921	1.912	1.875	1.822	1.745	1.632	1.478	1.360	1.239	1.130
177.0	1.165	1.146	1.122	1.098	1.072	1.035	0.9805	0.9233	0.8650	0.7963
180.0	0.5785	0.5474	0.5304	0.5273	0.5208	0.5179	0.5120	0.4992	0.4808	0.4589
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	4198	4196	4194	4193	4192	4191	4191	4192	4192	4193
3.0	4193	4190	4189	4187	4186	4184	4183	4183	4183	4184
6.0	4183	4182	4178	4176	4175	4173	4171	4171	4170	4170
9.0	4168	4166	4164	4160	4159	4156	4153	4152	4150	4149
12.0	4148	4147	4144	4141	4139	4136	4134	4130	4127	4123
15.0	4123	4122	4121	4117	4115	4111	4108	4103	4098	4093
18.0	4094	4095	4095	4093	4089	4085	4078	4072	4064	4056
21.0	4062	4066	4067	4065	4062	4057	4050	4040	4028	4017
24.0	4025	4030	4032	4031	4027	4020	4012	4001	3986	3971
27.0	3976	3983	3987	3986	3982	3974	3963	3950	3933	3916
30.0	3917	3927	3931	3931	3926	3918	3906	3890	3870	3849
33.0	3848	3860	3867	3869	3865	3855	3840	3820	3797	3772
36.0	3770	3788	3800	3803	3800	3789	3771	3747	3718	3687
39.0	3687	3712	3727	3733	3728	3717	3696	3668	3633	3596
42.0	3595	3626	3646	3656	3653	3640	3615	3582	3542	3499
45.0	3492	3532	3560	3573	3571	3556	3527	3489	3443	3392
48.0	3379	3426	3460	3477	3475	3458	3426	3382	3331	3275
51.0	3251	3306	3344	3362	3361	3343	3308	3260	3203	3142
54.0	3107	3163	3198	3214	3212	3196	3165	3119	3062	2994
57.0	2934	2982	3012	3025	3025	3010	2983	2948	2897	2831
60.0	2731	2773	2805	2825	2829	2812	2782	2749	2706	2643
63.0	2506	2549	2585	2607	2614	2620	2565	2532	2494	2435
66.0	2265	2293	2313	2322	2322	2341	2296	2274	2255	2207
69.0	1991	2000	2012	1991	1978	1994	2000	1983	1975	1953
72.0	1692	1705	1683	1644	1627	1643	1668	1686	1674	1664
75.0	1401	1399	1349	1304	1283	1298	1324	1369	1374	1357
78.0	1116	1088	1029	977.3	952.9	966.8	1003	1052	1078	1060
81.0	839.9	797.8	733.6	674.9	644.2	662.0	710.8	763.1	796.4	799.5
84.0	597.0	562.6	498.8	422.8	382.9	411.2	479.2	533.7	561.1	568.5
87.0	415.3	376.7	314.3	241.7	194.2	231.2	300.8	356.0	390.1	400.7
90.0	206.1	200.4	174.2	136.6	122.5	133.0	173.8	207.7	222.9	227.9
93.0	67.53	74.51	79.06	79.46	77.13	77.96	78.56	74.66	69.10	32.81
96.0	69.97	60.12	46.99	42.78	40.69	41.39	43.37	55.75	64.98	68.96
99.0	48.20	29.39	18.67	16.82	15.84	16.52	17.48	26.19	42.46	60.75
102.0	30.08	10.69	5.233	4.600	3.947	4.764	5.003	8.943	24.73	48.62
105.0	20.28	6.041	1.517	1.095	0.2716	1.249	1.533	4.673	16.41	35.86
108.0	13.86	3.634	1.662	1.123	0.2613	1.420	1.681	2.761	10.98	25.77
111.0	9.497	2.583	1.748	1.140	0.2053	1.563	1.820	2.617	7.427	18.34
114.0	6.187	2.641	1.593	1.246	0.2276	1.745	1.925	2.734	4.918	12.73
117.0	4.843	2.583	1.265	1.412	0.2171	1.770	1.875	2.710	4.462	8.658
120.0	4.553	2.602	0.9801	1.324	0.2183	1.787	1.531	2.805	4.519	5.936
123.0	4.433	1.419	1.230	1.505	0.2273	1.872	1.534	2.848	4.689	5.308
126.0	4.325	2.137	1.392	1.537	0.2707	1.958	1.490	2.881	4.653	5.084
129.0	4.201	1.631	2.050	1.339	0.3242	1.816	2.036	2.880	4.478	5.010
132.0	2.314	0.2536	1.747	1.053	0.3076	1.540	2.148	0.2718	4.289	4.889
135.0	3.574	0.2652	1.842	1.155	0.4416	1.403	2.106	0.2762	4.093	4.724
138.0	0.9037	0.2825	1.815	1.258	0.4868	1.519	2.178	0.2910	3.885	4.498
141.0	0.3231	2.434	1.778	1.164	0.5174	1.607	2.267	0.3216	0.3379	4.297
144.0	0.3411	2.268	1.678	1.044	0.5103	1.531	2.118	2.567	0.3302	4.064
147.0	0.4898	1.987	1.463	0.9498	0.5064	1.355	1.866	2.305	0.3388	0.4789
150.0	2.115	1.676	1.230	0.8028	0.5000	1.186	1.657	1.962	0.4531	0.3772
153.0	1.967	1.476	0.9982	0.6945	0.4836	0.9575	1.410	1.688	2.140	0.3877
156.0	1.864	1.372	0.8805	0.6343	0.4983	1.024	1.418	1.737	1.966	1.496
159.0	1.821	1.424	0.9950	0.7079	0.5420	1.011	1.460	1.815	2.039	2.289
162.0	1.687	1.319	0.9920	0.7728	0.5963	1.009	1.424	1.797	2.088	2.248
165.0	1.572	1.264	1.003	0.7892	0.6377	0.9727	1.306	1.650	1.929	2.150
168.0	1.484	1.205	1.004	0.8275	0.6778	0.8307	1.146	1.454	1.718	1.933
171.0	1.311	1.133	0.9556	0.8069	0.6844	0.8064	1.053	1.190	1.429	1.644
174.0	1.023	0.9169	0.8165	0.7099	0.6369	0.7306	0.8805	1.044	1.133	1.260

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

Photometric Data Table [cd]

177.0	0.7106	0.6308	0.5702	0.5209	0.5043	0.5419	0.6183	0.6942	0.8572	0.9454
180.0	0.4418	0.4239	0.4056	0.3919	0.3796	0.3696	0.3612	0.3605	0.3635	0.3712
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	4194	4195	4195	4195	4196	4196	4197	4197	4197	4197
3.0	4185	4185	4185	4185	4186	4186	4186	4186	4186	4184
6.0	4169	4169	4168	4168	4167	4166	4166	4165	4165	4164
9.0	4148	4147	4144	4143	4140	4138	4136	4135	4134	4132
12.0	4119	4116	4112	4108	4105	4101	4098	4095	4092	4090
15.0	4086	4080	4073	4066	4060	4054	4049	4045	4041	4037
18.0	4047	4037	4027	4017	4008	3999	3991	3985	3979	3975
21.0	4003	3989	3975	3960	3947	3935	3924	3915	3908	3903
24.0	3953	3934	3915	3896	3879	3864	3850	3838	3828	3821
27.0	3894	3870	3847	3824	3803	3783	3765	3750	3737	3728
30.0	3824	3798	3771	3744	3717	3693	3671	3652	3636	3624
33.0	3743	3713	3683	3652	3622	3594	3567	3543	3524	3509
36.0	3654	3619	3584	3549	3514	3482	3450	3422	3399	3381
39.0	3557	3516	3476	3435	3394	3356	3321	3289	3262	3242
42.0	3452	3404	3357	3309	3262	3220	3180	3145	3115	3093
45.0	3339	3283	3227	3171	3118	3069	3026	2989	2959	2936
48.0	3216	3151	3087	3023	2963	2909	2864	2826	2796	2773
51.0	3077	3005	2933	2863	2797	2740	2693	2656	2625	2601
54.0	2922	2846	2766	2691	2621	2560	2512	2475	2444	2420
57.0	2751	2667	2585	2506	2434	2372	2322	2284	2255	2232
60.0	2564	2473	2388	2306	2234	2171	2122	2086	2060	2040
63.0	2356	2266	2174	2093	2022	1963	1915	1882	1858	1841
66.0	2126	2038	1947	1867	1802	1748	1704	1674	1651	1636
69.0	1877	1793	1707	1633	1575	1527	1488	1460	1440	1426
72.0	1610	1533	1460	1395	1345	1304	1270	1245	1228	1216
75.0	1333	1267	1212	1158	1117	1086	1058	1037	1023	1012
78.0	1052	1006	969.9	932.5	902.9	879.7	858.1	841.6	829.5	819.4
81.0	793.4	770.8	751.7	730.0	711.0	694.8	678.5	664.0	652.0	643.5
84.0	576.7	573.2	567.1	557.4	546.5	535.2	527.2	514.7	504.2	495.3
87.0	415.9	424.5	426.1	423.5	417.5	408.7	398.0	386.8	377.5	369.0
90.0	245.0	261.3	271.8	283.1	284.4	282.2	275.8	268.4	261.9	256.1
93.0	73.08	0.9373	123.9	126.3	69.28	96.67	111.7	106.2	107.9	110.2
96.0	90.40	84.69	53.84	24.54	27.05	7.824	0.2959	0.2019	9.796	65.30
99.0	88.30	114.9	137.5	149.3	121.6	87.70	61.90	42.78	29.60	20.98
102.0	73.08	97.53	115.0	123.1	126.3	124.7	124.7	121.7	110.5	97.05
105.0	57.78	76.63	90.57	100.1	105.7	108.3	108.7	107.9	106.7	105.4
108.0	43.22	58.59	71.15	80.92	87.79	92.06	94.34	95.25	95.34	94.99
111.0	31.61	44.30	55.70	64.73	71.95	77.14	80.60	82.74	83.95	84.55
114.0	22.83	33.13	42.72	51.37	58.16	63.63	67.72	70.65	72.57	73.80
117.0	15.92	24.42	32.56	39.96	46.29	51.77	55.99	59.13	61.44	63.08
120.0	11.08	17.47	24.34	30.83	36.51	41.29	45.25	48.52	51.10	52.87
123.0	7.573	12.42	17.70	23.25	28.35	32.65	36.29	39.24	41.60	43.41
126.0	5.699	8.616	12.79	17.14	21.40	25.32	28.66	31.35	33.52	35.18
129.0	5.336	6.068	8.999	12.49	15.96	19.18	22.11	24.58	26.59	28.08
132.0	5.172	5.463	6.298	8.838	11.66	14.36	16.80	18.87	20.62	21.98
135.0	5.084	5.258	5.499	6.180	8.219	10.39	12.44	14.24	15.72	16.90
138.0	4.958	5.171	5.286	5.458	5.853	7.249	8.857	10.35	11.62	12.65
141.0	4.799	5.075	5.195	5.259	5.366	5.536	6.101	7.166	8.169	9.008
144.0	4.570	4.926	5.104	5.186	5.214	5.255	5.331	5.444	5.692	6.107
147.0	4.319	4.711	4.972	5.094	5.148	5.152	5.166	5.189	5.213	5.245
150.0	4.019	4.441	4.778	4.951	5.049	5.092	5.097	5.104	5.101	5.106
153.0	0.4198	4.140	4.465	4.712	4.885	4.967	5.010	5.040	5.043	5.051
156.0	0.4136	0.4497	4.072	4.410	4.611	4.784	4.862	4.913	4.947	4.969
159.0	0.6466	0.4325	0.4643	1.475	4.266	4.445	4.576	4.682	4.779	4.815
162.0	2.398	1.588	0.4456	0.4687	0.5024	0.6534	4.107	4.332	4.428	4.494
165.0	2.314	2.429	2.550	0.8891	0.4675	0.4871	0.5129	0.5422	0.5715	0.6004
168.0	2.106	2.275	2.437	2.578	2.718	2.880	1.758	0.5733	0.5373	0.5442
171.0	1.805	2.008	2.133	2.210	2.300	2.357	2.375	2.376	2.394	2.441
174.0	1.402	1.531	1.626	1.716	1.841	1.887	1.945	2.017	2.074	2.124
177.0	1.020	1.099	1.166	1.225	1.290	1.348	1.403	1.490	1.560	1.601
180.0	0.3847	0.4062	0.4251	0.4385	0.4580	0.4837	0.5058	0.5270	0.5484	0.5801
G/C	350.0	355.0								
0.0	4198	4198								
3.0	4187	4188								
6.0	4165	4166								
9.0	4132	4134								
12.0	4089	4090								
15.0	4036	4036								
18.0	3972	3972								
21.0	3899	3898								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

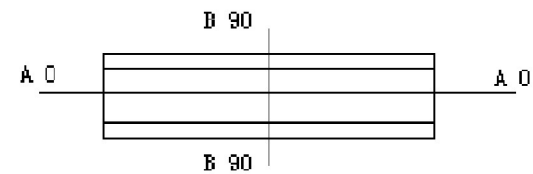
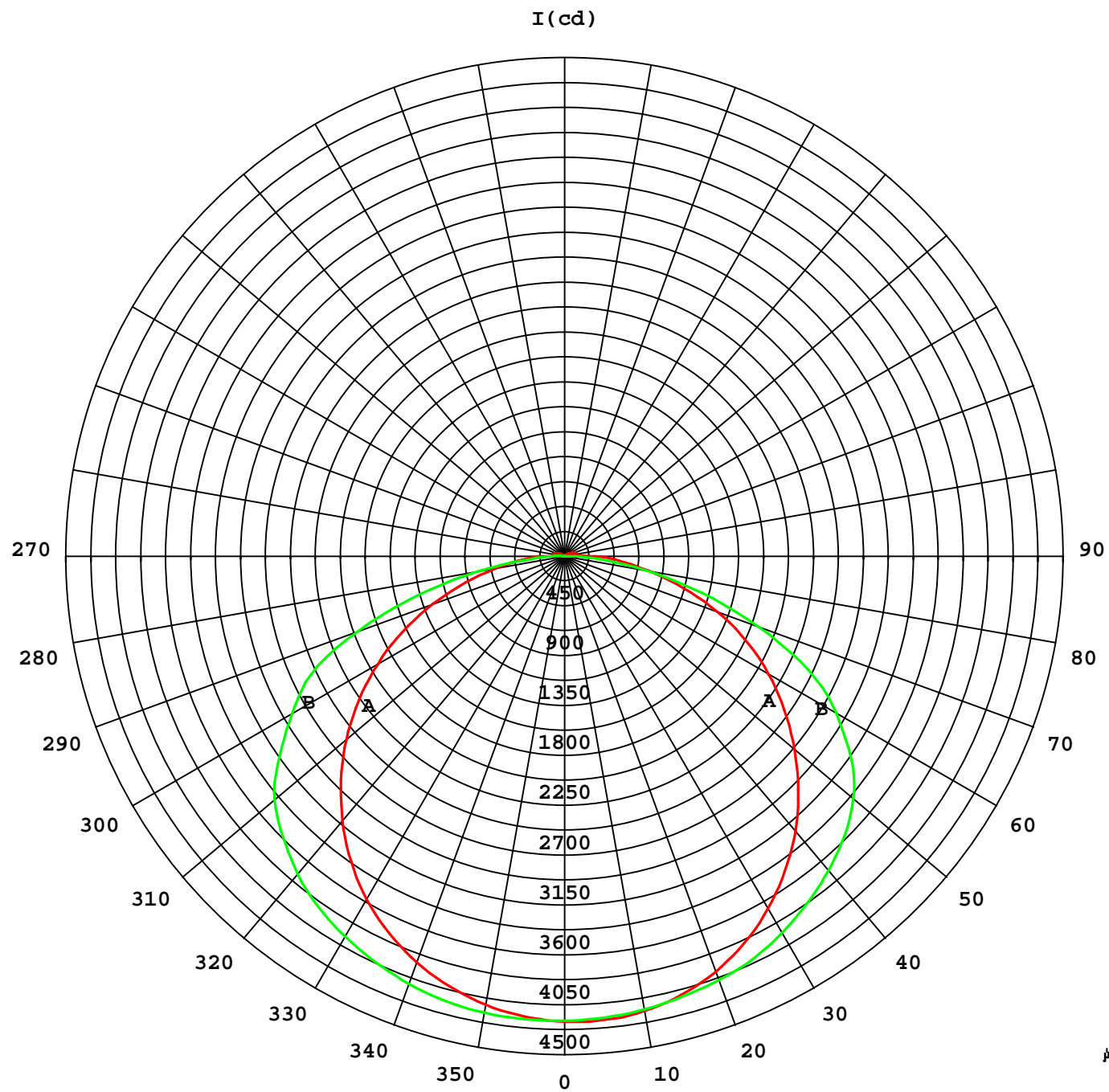
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA

Photometric Data Table [cd]

24.0	3816	3814
27.0	3722	3720
30.0	3617	3614
33.0	3500	3496
36.0	3371	3365
39.0	3228	3222
42.0	3078	3071
45.0	2920	2913
48.0	2756	2749
51.0	2585	2578
54.0	2405	2397
57.0	2217	2211
60.0	2026	2020
63.0	1829	1824
66.0	1625	1621
69.0	1417	1413
72.0	1208	1205
75.0	1005	1003
78.0	812.3	809.6
81.0	636.1	632.6
84.0	488.1	487.6
87.0	362.9	359.8
90.0	251.5	249.3
93.0	111.9	112.0
96.0	45.74	45.25
99.0	19.77	17.13
102.0	87.11	81.02
105.0	104.3	103.5
108.0	94.64	94.28
111.0	84.88	84.90
114.0	74.63	75.03
117.0	64.24	64.82
120.0	54.17	54.86
123.0	44.66	45.39
126.0	36.36	37.04
129.0	29.18	29.83
132.0	22.96	23.55
135.0	17.74	18.22
138.0	13.36	13.80
141.0	9.615	9.972
144.0	6.534	6.818
147.0	5.290	5.322
150.0	5.120	5.122
153.0	5.057	5.068
156.0	4.985	5.001
159.0	4.847	4.867
162.0	4.543	4.574
165.0	0.8267	1.493
168.0	0.5700	0.5952
171.0	2.501	2.554
174.0	2.167	2.193
177.0	1.635	1.646
180.0	0.6215	0.6533

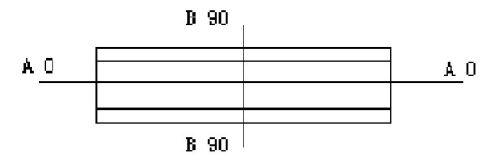
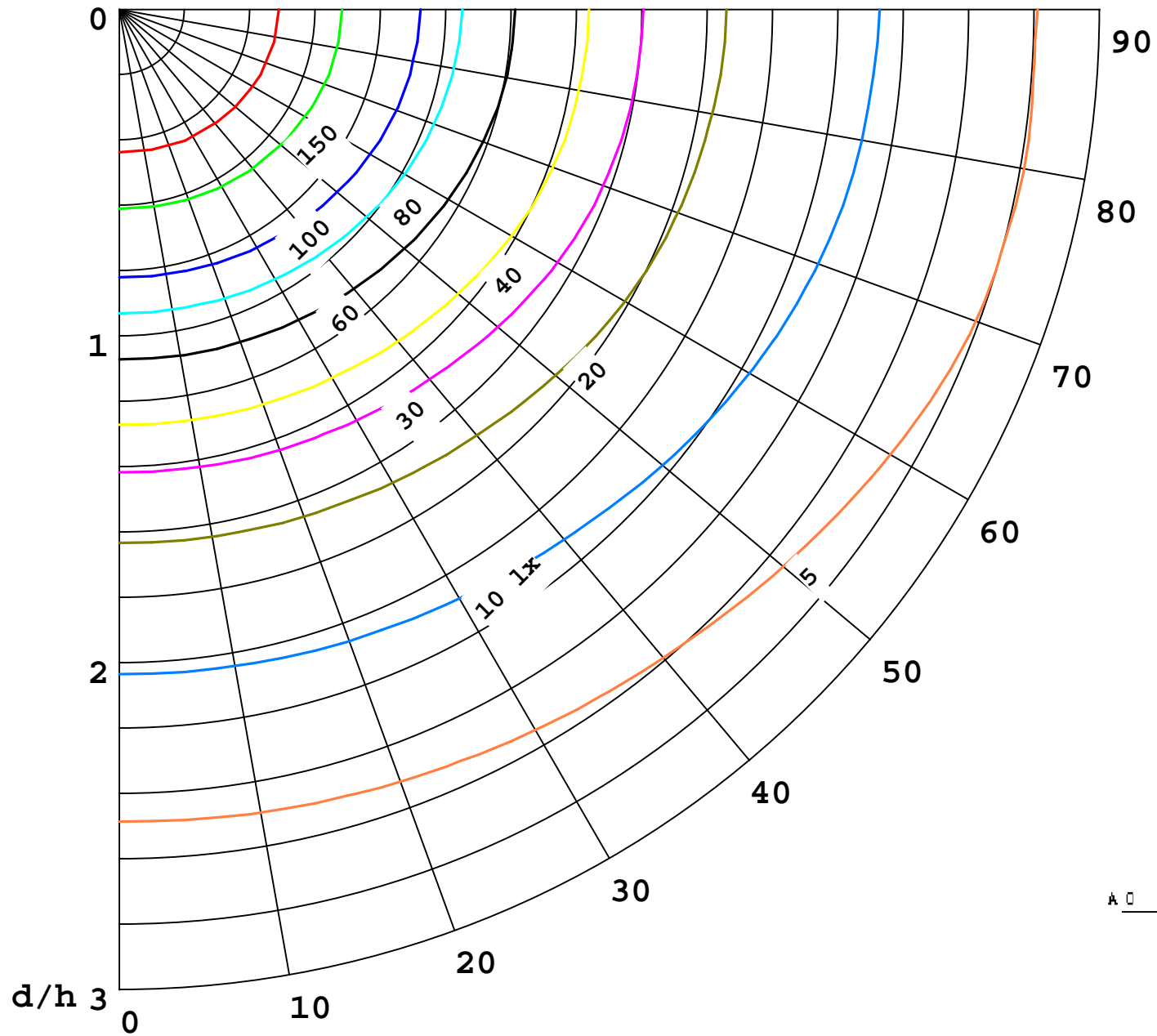
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: JALS
 Test Date: 2023-10-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.266
 Humidity: 49.5%
 Test Distance: 2.493m [K=1.0000]
 Remarks: BS100 DRIVER 1300mA





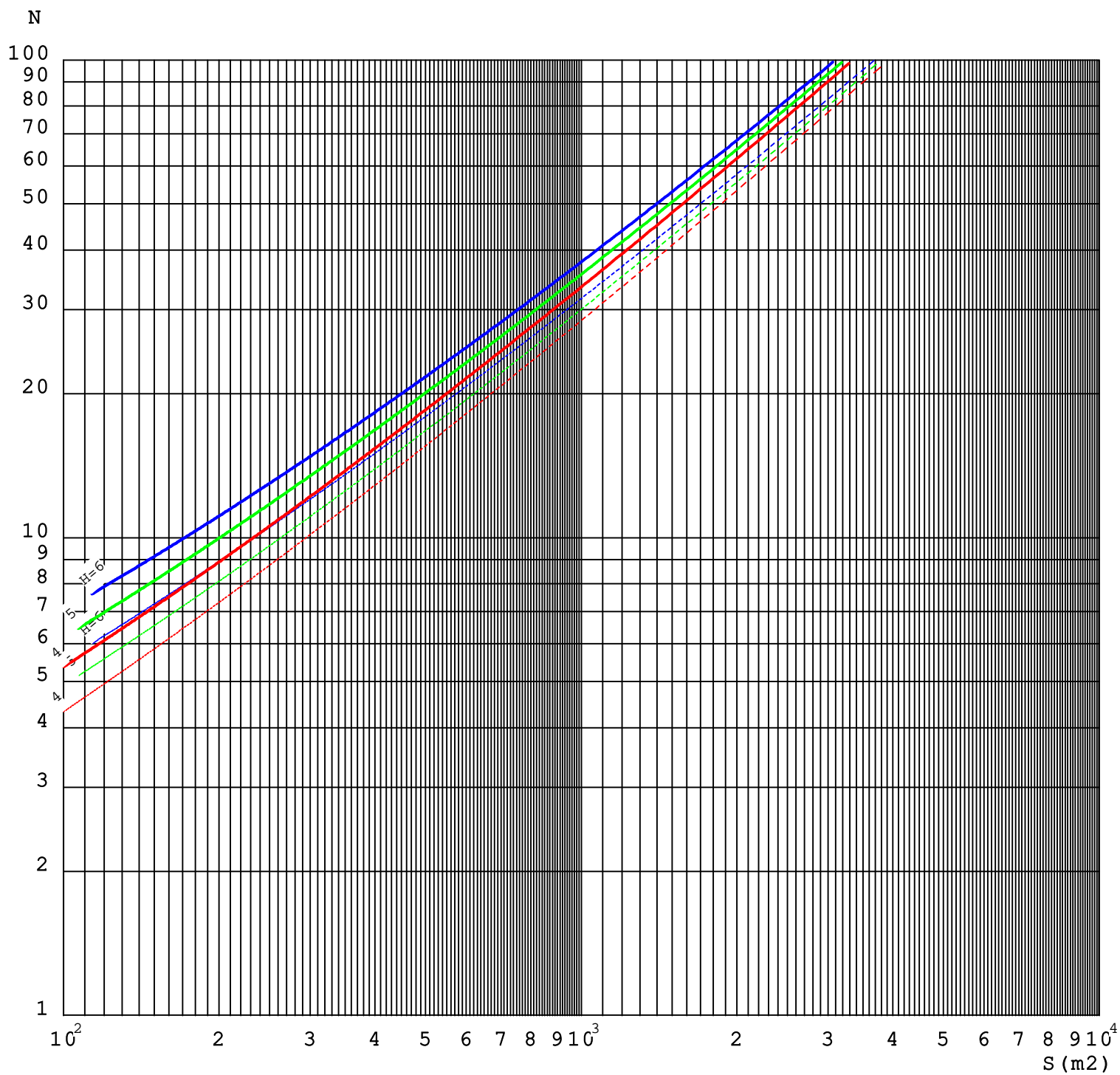
1000 lm

$K = 1$



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





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