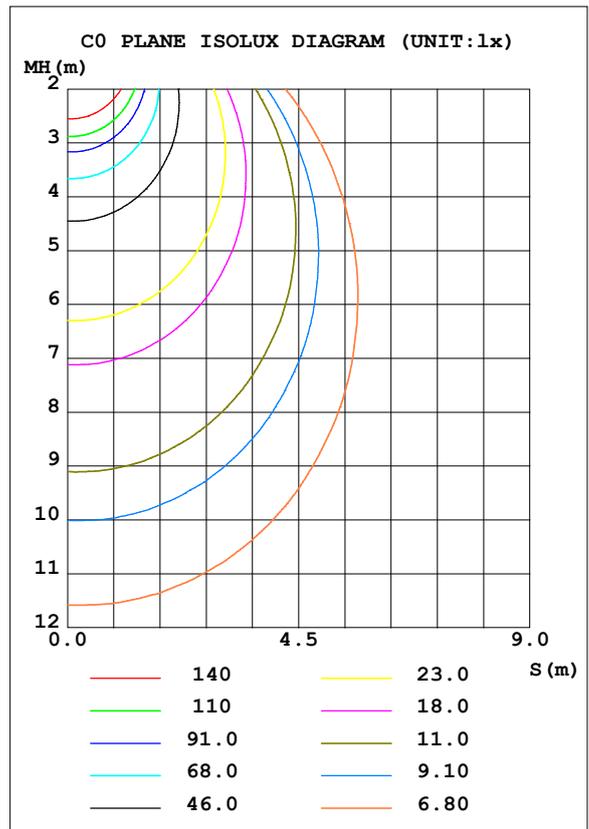
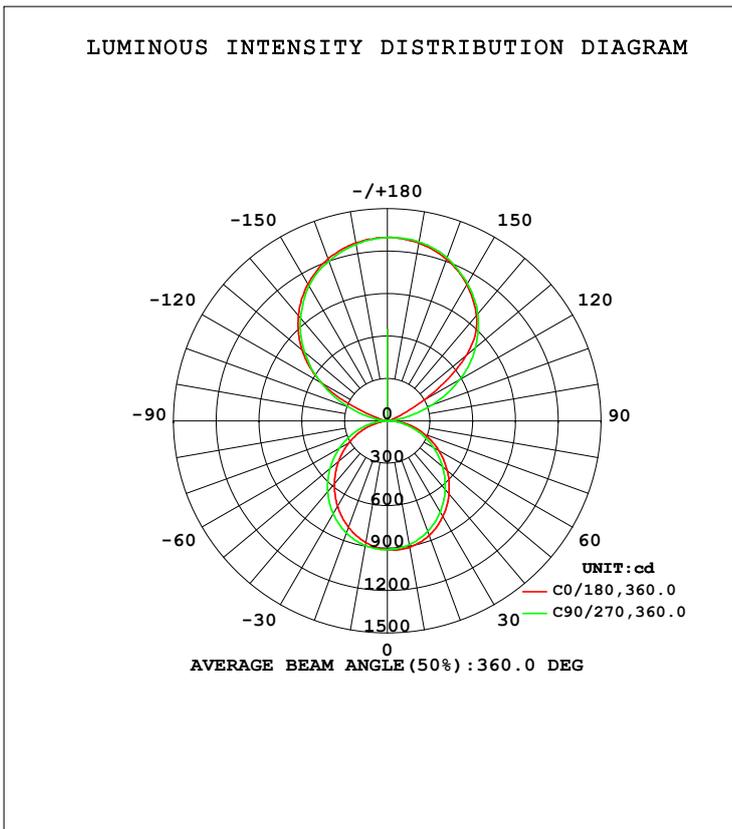


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-WH-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.26 lm/W			
MODEL		Imax (cd)	1298	S/MH (C0/180)	1.27
NOMINAL POWER (W)	50W	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	5921.6	η UP, DN (C0-180)	29.1, 21.1
NOMINAL FLUX (lm)	5921.56	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	28.7, 21.1
LAMPS INSIDE	1	η up (%)	57.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	42.2	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

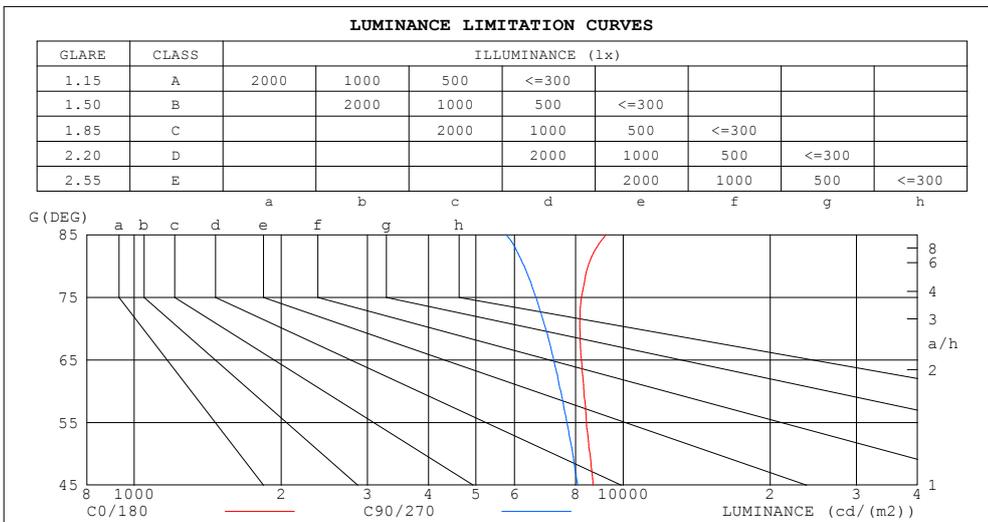
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	906.4	899.6	888.5	882.8	873.4	881.9	895.3	901.0	0- 10	86.01	86.01	1.45,1.45
20	861.0	851.1	830.2	815.6	801.1	816.7	844.1	852.3	10- 20	244.4	330.4	5.58,5.58
30	779.0	769.7	743.4	722.6	698.8	722.8	759.5	768.6	20- 30	365.3	695.7	11.7,11.7
40	672.9	662.8	632.0	606.2	578.7	606.2	651.7	661.4	30- 40	432.9	1129	19.1,19.1
50	550.0	538.7	507.4	478.2	448.0	477.2	527.3	535.9	40- 50	441.4	1570	26.5,26.5
60	415.8	405.0	372.7	343.8	312.4	340.7	390.5	400.8	50- 60	393.9	1964	33.2,33.2
70	279.2	269.8	237.4	211.2	178.8	205.1	251.4	262.8	60- 70	301.3	2265	38.3,38.3
80	147.3	138.7	108.9	81.79	45.71	74.29	116.4	130.8	70- 80	179.7	2445	41.3,41.3
90	20.14	14.08	2.287	2.981	1.385	3.001	2.186	7.676	80- 90	53.36	2498	42.2,42.2
100	20.76	25.06	93.13	41.27	9.806	44.99	77.36	25.44	90-100	15.29	2514	42.4,42.4
110	53.90	134.7	334.0	292.4	135.7	297.7	291.2	153.5	100-110	115.1	2629	44.4,44.4
120	298.2	510.6	584.5	565.1	523.7	561.9	531.8	515.5	110-120	358.9	2988	50.5,50.5
130	724.9	781.7	808.7	792.7	781.8	786.5	758.3	770.4	120-130	584.8	3572	60.3,60.3
140	973.2	965.1	989.1	978.1	971.2	978.6	948.9	963.0	130-140	678.3	4251	71.8,71.8
150	1115	1115	1124	1124	1117	1117	1101	1104	140-150	654.8	4906	82.8,82.8
160	1217	1221	1228	1229	1219	1216	1202	1208	150-160	539.7	5445	92,92
170	1276	1279	1285	1282	1278	1275	1268	1271	160-170	353.5	5799	97.9,97.9
180	1296	1296	1296	1296	1296	1296	1296	1296	170-180	122.8	5922	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:



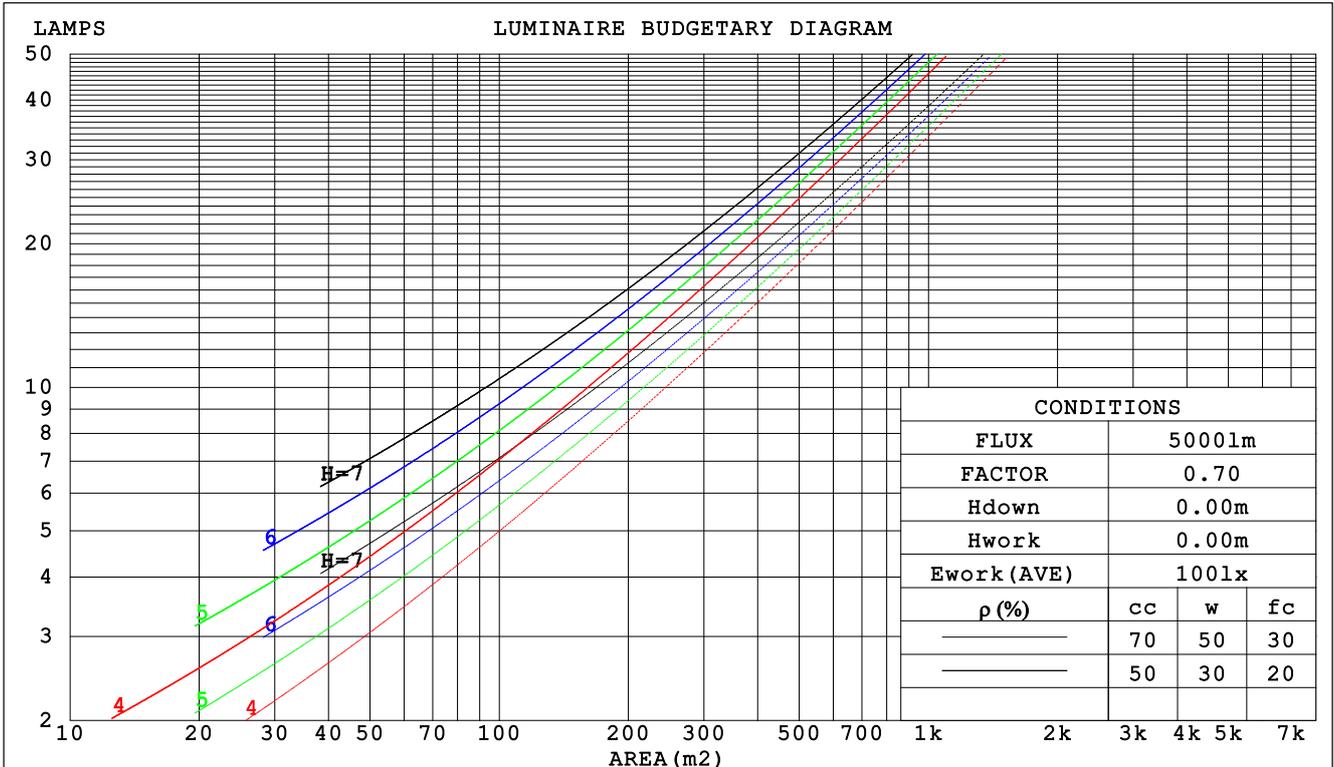
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.05	1.05	1.05	.96	.96	.96	.79	.79	.79	.63	.63	.63	.49	.49	.49	.42
1.0	.92	.88	.84	.84	.80	.77	.69	.67	.64	.55	.54	.52	.43	.42	.41	.35
2.0	.80	.74	.69	.73	.68	.63	.60	.56	.53	.49	.46	.44	.38	.36	.34	.29
3.0	.70	.63	.57	.64	.58	.53	.53	.48	.45	.43	.39	.37	.33	.31	.29	.25
4.0	.62	.54	.48	.57	.50	.45	.47	.42	.38	.38	.34	.31	.30	.27	.25	.21
5.0	.55	.47	.41	.51	.43	.38	.42	.37	.33	.34	.30	.27	.27	.24	.22	.18
6.0	.49	.41	.35	.45	.38	.33	.38	.32	.28	.31	.27	.24	.24	.21	.19	.16
7.0	.44	.36	.31	.41	.34	.29	.34	.29	.25	.28	.24	.21	.22	.19	.17	.14
8.0	.40	.33	.27	.37	.30	.25	.31	.26	.22	.25	.21	.18	.20	.17	.15	.13
9.0	.37	.29	.24	.34	.27	.23	.28	.23	.20	.23	.19	.17	.19	.16	.14	.11
10.0	.34	.26	.22	.31	.25	.20	.26	.21	.18	.22	.18	.15	.17	.14	.12	.10



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.280	.159	.050	.256	.146	.046	.210	.120	.038	.168	.097	.031	.129	.075	.024	
2.0	.260	.142	.044	.238	.131	.040	.196	.109	.034	.157	.088	.028	.122	.069	.022	
3.0	.240	.128	.038	.220	.118	.035	.181	.098	.030	.146	.080	.025	.113	.063	.019	
4.0	.222	.115	.034	.203	.106	.031	.168	.089	.027	.135	.073	.022	.105	.057	.017	
5.0	.206	.105	.030	.188	.097	.028	.156	.081	.024	.126	.066	.020	.098	.052	.016	
6.0	.191	.096	.027	.175	.089	.025	.145	.074	.022	.117	.061	.018	.091	.048	.014	
7.0	.178	.088	.025	.164	.082	.023	.136	.069	.020	.110	.056	.016	.085	.044	.013	
8.0	.167	.082	.023	.153	.075	.021	.127	.064	.018	.103	.052	.015	.080	.041	.012	
9.0	.157	.076	.021	.144	.070	.020	.120	.059	.017	.097	.049	.014	.075	.038	.011	
10.0	.147	.071	.020	.136	.065	.018	.113	.055	.016	.091	.045	.013	.071	.036	.010	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.631	.631	.631	.539	.539	.539	.368	.368	.368	.211	.211	.211	.068	.068	.068	
1.0	.622	.601	.581	.533	.515	.500	.364	.355	.346	.210	.205	.201	.067	.066	.065	
2.0	.615	.579	.549	.527	.499	.475	.361	.345	.331	.208	.201	.194	.067	.065	.063	
3.0	.608	.564	.528	.521	.486	.458	.358	.338	.321	.207	.197	.189	.066	.064	.062	
4.0	.602	.552	.514	.516	.477	.446	.355	.332	.314	.205	.195	.186	.066	.063	.061	
5.0	.595	.543	.504	.511	.470	.438	.352	.328	.310	.204	.193	.184	.066	.063	.061	
6.0	.589	.535	.497	.506	.464	.433	.349	.325	.306	.203	.191	.182	.065	.062	.060	
7.0	.583	.529	.492	.502	.459	.428	.347	.322	.304	.201	.190	.181	.065	.062	.060	
8.0	.578	.524	.488	.497	.455	.425	.344	.319	.302	.200	.188	.180	.065	.062	.059	
9.0	.572	.520	.484	.493	.451	.423	.342	.317	.300	.199	.187	.179	.064	.061	.059	
10.0	.567	.516	.482	.489	.448	.421	.339	.315	.299	.198	.186	.178	.064	.061	.059	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm										
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5					TYPE:3000K			WEIGHT:		
SPEC.:					DIM.: 4FT			SERIAL No.:		
MFR.:					SUR.:1.2*0.05			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	16.6	17.4	17.5	18.4	19.6	16.2	17.0	17.1	18.0	19.2
3H	18.2	18.9	19.1	19.9	21.1	17.6	18.4	18.5	19.3	20.6
4H	18.9	19.6	19.8	20.6	21.8	18.2	18.9	19.1	19.9	21.1
6H	19.5	20.1	20.5	21.1	22.4	18.6	19.3	19.6	20.3	21.5
8H	19.7	20.4	20.7	21.3	22.6	18.7	19.4	19.7	20.4	21.7
12H	19.9	20.5	20.9	21.5	22.8	18.8	19.4	19.8	20.4	21.7
4H 2H	17.0	17.7	18.0	18.7	20.0	16.7	17.4	17.6	18.4	19.6
3H	18.8	19.4	19.8	20.4	21.7	18.3	18.9	19.3	19.9	21.2
4H	19.6	20.2	20.6	21.2	22.5	19.0	19.6	20.0	20.6	21.9
6H	20.4	20.8	21.4	21.9	23.2	19.6	20.0	20.6	21.1	22.4
8H	20.7	21.1	21.7	22.1	23.5	19.8	20.2	20.8	21.2	22.6
12H	20.9	21.3	22.0	22.4	23.7	19.9	20.3	20.9	21.3	22.7
8H 4H	19.8	20.2	20.8	21.3	22.6	19.3	19.7	20.3	20.7	22.1
6H	20.7	21.1	21.8	22.1	23.5	20.0	20.4	21.1	21.4	22.8
8H	21.1	21.5	22.2	22.5	23.9	20.3	20.6	21.4	21.7	23.1
12H	21.5	21.8	22.6	22.9	24.3	20.5	20.8	21.6	21.9	23.3
12H 4H	19.8	20.2	20.8	21.2	22.6	19.3	19.7	20.3	20.7	22.1
6H	20.7	21.1	21.8	22.1	23.5	20.1	20.4	21.2	21.5	22.9
8H	21.2	21.5	22.3	22.6	24.0	20.4	20.7	21.5	21.8	23.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.4				

CIE Pub.117 Corrected 5922 lm Total Lamp Luminous Flux. (8log(F/F0) = 6.2)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

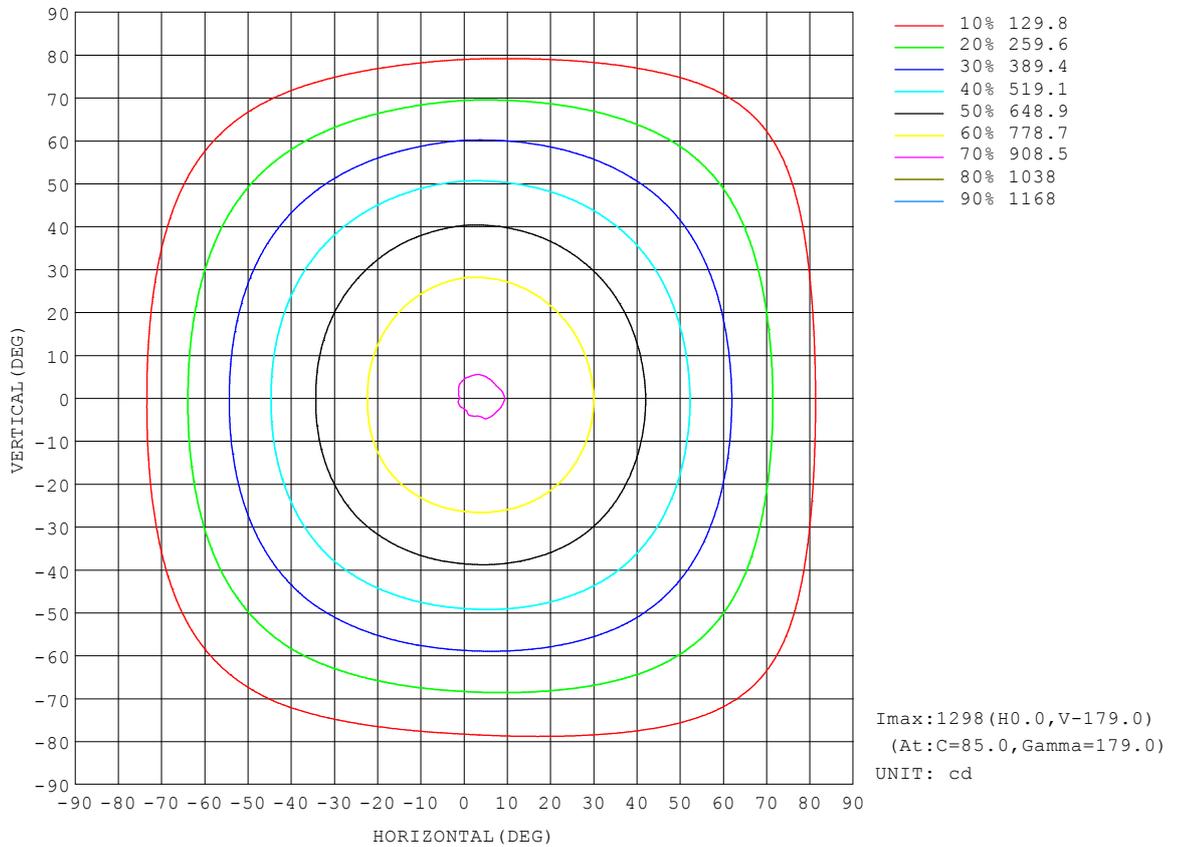
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	42	31	25	39	30	24	34	26	22	14
0.80	52	40	33	48	38	32	41	33	28	18
1.00	59	48	41	55	45	38	46	40	34	21
1.25	66	55	48	61	51	45	51	44	39	24
1.50	71	61	53	65	56	50	55	48	44	26
2.00	78	69	62	72	64	58	60	54	50	29
2.50	83	74	68	76	69	63	63	58	54	31
3.00	86	79	73	79	73	67	65	61	57	33
4.00	91	84	79	83	78	73	69	65	62	35
5.00	93	88	83	85	81	77	70	67	65	36
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: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

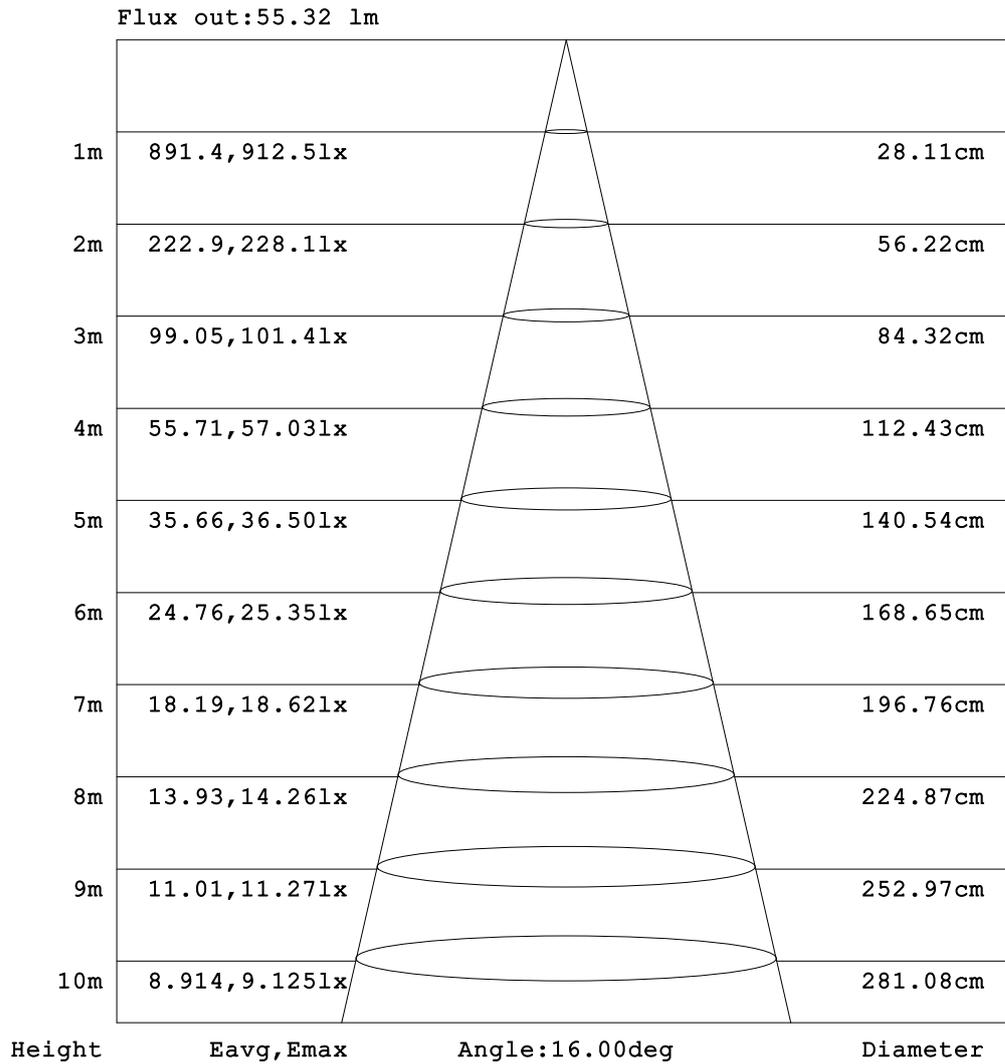


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:



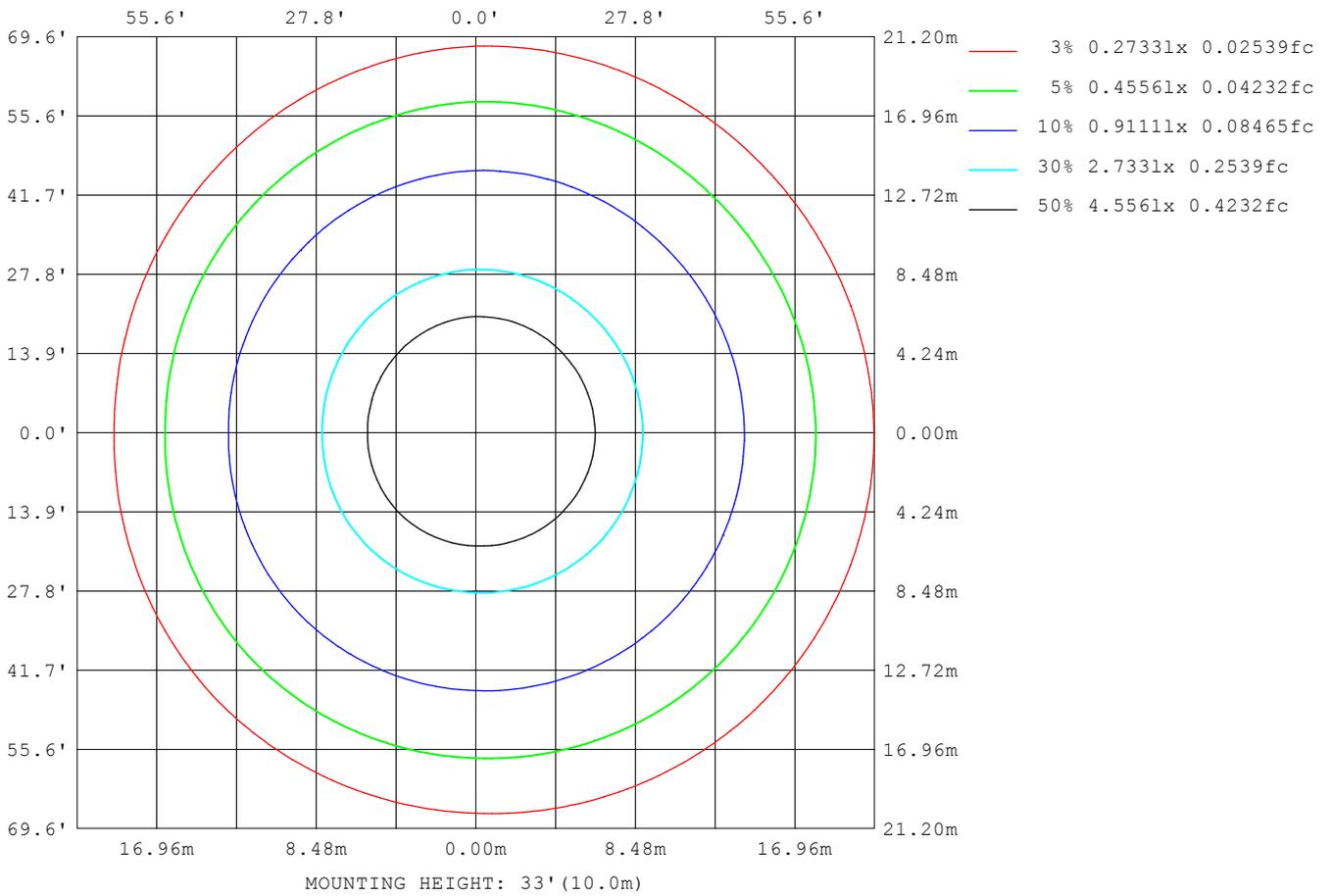
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

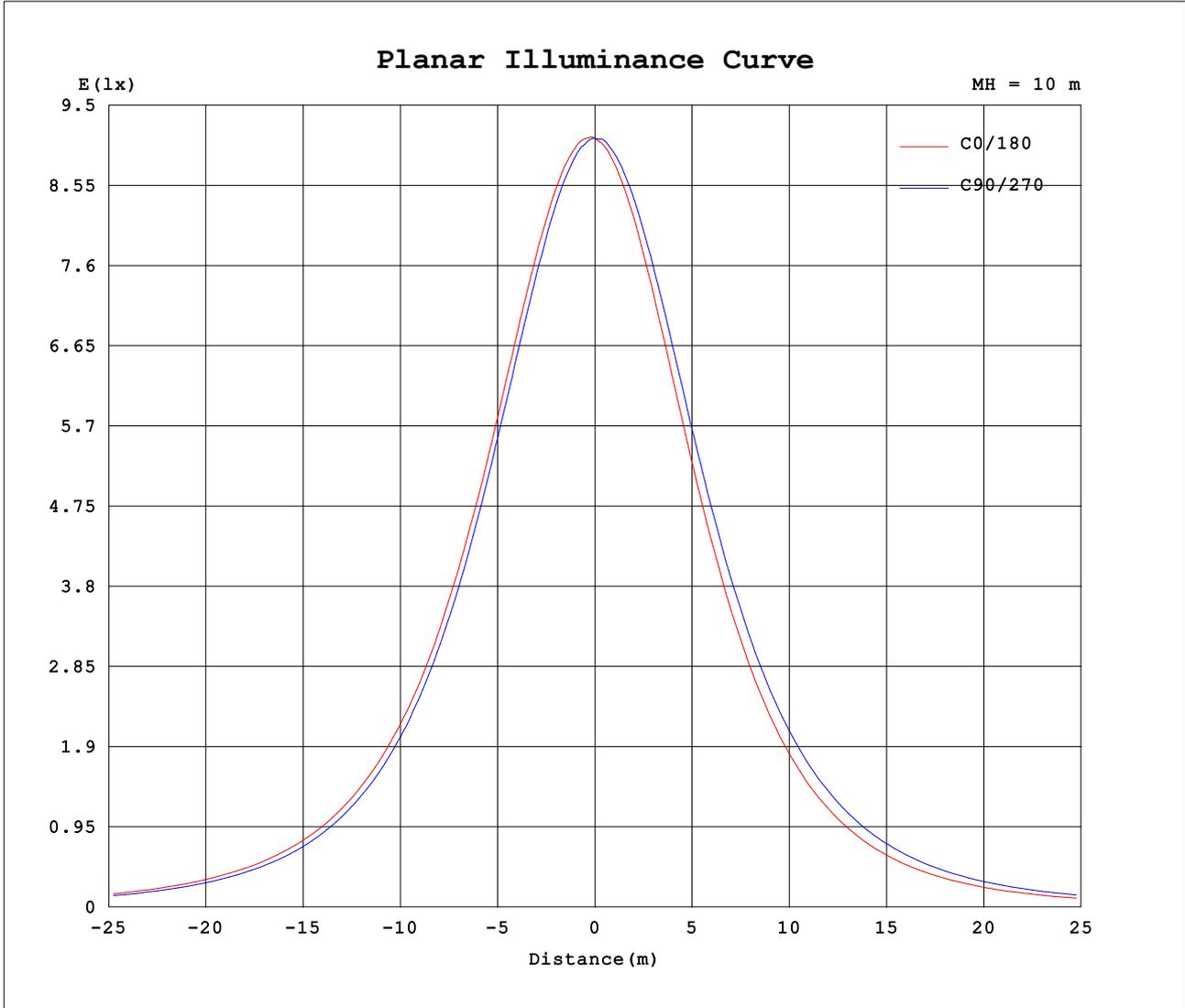
AvgL	cd/m2
L_0~180 (65) av	7009
L_0~180 (75) av	6212
L_0~180 (85) av	4759
L_90~270 (65) av	7399
L_90~270 (75) av	6868
L_90~270 (85) av	6046
L_45 (65) av	7206
L_45 (75) av	6630
L_45 (85) av	5068

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

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	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911
5	915	914	914	913	912	912	911	911	910	910	909	909	908	908	907	907	906	906	905
10	906	906	905	905	904	903	902	902	901	900	898	897	896	895	893	892	891	890	888
15	889	888	888	887	886	885	884	883	882	880	879	877	875	873	871	869	867	865	863
20	861	860	860	859	858	857	856	854	853	851	849	847	844	842	840	837	835	833	830
25	825	825	824	823	822	821	819	818	816	814	812	810	807	804	802	799	796	794	791
30	779	779	778	778	777	776	775	773	772	770	767	765	762	759	756	753	750	746	743
35	730	730	729	728	727	726	725	723	721	719	716	713	710	707	704	700	697	693	690
40	673	673	672	672	671	670	668	667	665	663	660	657	654	650	647	643	639	636	632
45	614	614	613	612	611	610	609	607	605	603	600	597	593	590	586	582	579	575	571
50	550	550	549	548	547	546	545	543	541	539	536	533	529	526	522	519	515	511	507
55	483	483	482	482	481	479	478	476	474	472	469	466	463	459	455	452	448	444	440
60	416	416	415	415	414	412	411	409	407	405	402	399	395	392	388	384	380	377	373
65	347	347	347	347	346	345	343	341	340	337	334	331	328	324	320	316	312	309	305
70	279	279	279	279	278	277	275	274	272	270	267	264	260	257	253	249	245	241	237
75	213	213	213	212	212	211	209	208	206	204	201	198	194	191	187	183	179	176	172
80	147	147	147	147	146	145	144	142	141	139	136	133	130	127	123	120	116	113	109
85	80.5	80.8	80.9	80.7	80.3	79.7	78.8	77.7	76.4	74.8	72.7	70.4	67.9	65.3	62.5	59.6	56.5	53.4	50.2
90	20.1	19.8	19.3	18.8	18.2	17.5	16.7	15.9	15.0	14.1	12.7	11.3	9.89	8.46	7.07	5.73	4.47	3.31	2.29
95	4.13	3.30	2.69	2.31	2.16	2.24	2.55	3.08	3.84	4.84	7.11	9.54	12.0	14.5	16.9	19.1	21.1	22.8	24.0
100	20.8	18.1	16.2	15.1	14.8	15.3	16.5	18.6	21.4	25.1	32.8	41.2	49.8	58.4	66.8	74.7	81.9	88.1	93.1
105	35.0	28.0	23.0	19.9	18.8	19.5	22.2	26.8	33.4	41.9	59.7	78.8	98.8	119	139	158	176	191	205
110	53.9	57.0	61.6	67.6	75.2	84.1	94.6	106	120	135	158	181	206	230	254	277	298	317	334
115	127	150	174	196	218	240	261	281	301	320	341	361	380	398	415	430	444	455	465
120	298	329	357	384	410	433	455	475	494	511	525	537	548	558	566	572	578	582	585
125	521	542	562	581	598	614	629	643	655	666	675	682	689	694	698	701	703	705	706
130	725	733	740	747	754	760	766	772	777	782	786	791	795	798	801	804	806	808	809
135	876	875	875	875	875	875	876	877	878	880	882	885	888	891	894	897	899	902	904
140	973	971	969	967	966	965	964	964	964	965	967	970	973	976	979	982	984	987	989
145	1048	1046	1044	1043	1042	1042	1042	1042	1042	1042	1044	1046	1048	1050	1052	1054	1056	1058	1060
150	1115	1115	1114	1114	1114	1114	1114	1114	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124
155	1172	1172	1173	1173	1174	1174	1174	1175	1175	1175	1175	1176	1176	1176	1176	1177	1177	1177	1178
160	1217	1217	1218	1218	1219	1219	1220	1220	1221	1221	1222	1223	1224	1224	1225	1226	1226	1227	1228
165	1251	1251	1251	1251	1252	1252	1252	1253	1254	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263
170	1276	1276	1277	1277	1277	1277	1277	1278	1278	1279	1279	1280	1281	1282	1282	1283	1284	1284	1285
175	1292	1292	1292	1292	1292	1292	1293	1293	1293	1293	1293	1294	1294	1295	1295	1295	1296	1296	1296
180	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

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	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911
5	905	904	904	904	903	903	903	902	902	901	901	900	899	899	898	898	897	897	897
10	888	887	886	886	885	885	884	883	883	882	880	879	878	877	876	875	874	873	874
15	862	860	859	858	857	856	854	853	852	851	849	848	846	845	844	843	842	841	842
20	828	827	825	823	822	820	819	817	816	813	811	809	807	806	804	803	802	801	802
25	789	786	784	782	780	778	776	774	772	769	766	763	761	758	756	754	753	752	753
30	741	739	736	734	732	729	727	725	723	719	716	712	709	706	704	702	700	699	700
35	687	685	682	679	677	674	671	669	666	662	659	655	652	649	646	644	642	640	641
40	629	626	623	620	618	615	612	609	606	602	598	594	591	587	585	582	580	579	580
45	568	565	562	559	555	552	549	546	543	539	535	531	527	524	521	518	516	515	516
50	504	501	498	494	491	488	485	481	478	474	469	465	461	458	454	452	450	448	449
55	437	434	431	428	425	421	418	415	412	407	403	399	394	391	387	384	382	380	381
60	369	366	363	360	357	353	350	347	344	339	335	331	326	323	319	316	314	312	313
65	301	298	295	292	289	286	283	280	277	272	268	263	259	256	252	249	247	245	246
70	234	231	229	226	223	220	217	214	211	207	202	198	194	190	186	183	181	179	180
75	169	166	164	161	158	155	153	150	147	141	136	131	126	122	118	114	111	109	110
80	106	103	100	97.2	94.3	91.3	88.2	85.0	81.8	76.9	71.9	67.1	62.5	58.1	54.2	50.7	47.9	45.7	46.6
85	46.9	43.6	40.4	37.1	33.8	30.6	27.4	24.4	21.4	18.4	15.6	12.9	10.5	8.28	6.34	4.70	3.38	2.41	2.24
90	2.02	1.88	1.86	1.93	2.08	2.27	2.50	2.75	2.98	2.82	2.63	2.43	2.23	2.02	1.83	1.66	1.50	1.39	1.51
95	22.6	20.9	18.8	16.4	13.9	11.3	8.70	6.16	3.78	2.99	2.42	2.02	1.80	1.72	1.76	1.89	2.11	2.38	2.16
100	90.7	87.0	82.2	76.5	70.1	63.2	56.0	48.6	41.3	35.9	30.9	26.2	22.0	18.3	15.2	12.7	10.9	9.81	11.7
105	202	198	190	181	170	159	146	133	119	109	99.4	90.3	82.0	74.6	68.3	63.2	59.5	57.3	62.2
110	339	341	341	338	333	325	316	305	292	273	252	232	211	192	174	158	145	136	147
115	469	471	471	469	465	460	454	447	438	425	411	398	384	371	359	349	340	333	341
120	586	586	585	583	581	578	574	570	565	560	554	549	543	538	534	530	526	524	527
125	705	704	702	700	698	695	692	688	685	682	679	676	674	671	669	667	665	664	666
130	808	807	806	804	802	800	798	795	793	791	789	788	787	785	784	783	782	782	782
135	903	903	901	900	899	897	895	893	891	890	888	887	886	885	884	883	883	882	883
140	989	988	987	986	985	983	982	980	978	977	976	975	974	973	972	972	971	971	972
145	1060	1060	1060	1059	1058	1058	1057	1056	1055	1054	1054	1053	1052	1052	1051	1051	1051	1050	1051
150	1124	1124	1125	1125	1125	1124	1124	1124	1124	1123	1122	1121	1121	1120	1119	1118	1118	1117	1117
155	1179	1180	1181	1182	1183	1184	1184	1185	1185	1184	1183	1181	1180	1179	1177	1176	1174	1173	1172
160	1228	1229	1229	1229	1230	1230	1230	1229	1229	1228	1227	1226	1225	1224	1222	1221	1220	1219	1218
165	1263	1263	1263	1262	1262	1261	1261	1260	1260	1259	1259	1258	1257	1257	1256	1255	1255	1254	1254
170	1285	1285	1285	1284	1284	1284	1283	1283	1282	1282	1281	1281	1280	1280	1279	1279	1278	1278	1277
175	1296	1296	1296	1296	1295	1295	1295	1294	1294	1294	1293	1293	1292	1292	1291	1291	1291	1290	1290
180	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911
5	898	898	898	899	900	900	901	902	902	903	904	904	905	906	906	907	908	908	908
10	874	875	876	877	878	879	880	882	883	885	886	888	890	891	893	894	895	896	897
15	843	843	845	846	848	849	851	853	856	858	860	863	865	867	870	872	874	875	876
20	803	804	805	807	809	812	814	817	820	823	826	829	832	836	839	841	844	846	847
25	754	756	758	760	763	766	769	772	776	780	784	788	792	796	799	803	806	807	809
30	701	703	706	708	712	715	719	723	727	731	736	740	744	748	752	756	759	761	763
35	643	645	648	651	654	658	662	667	671	676	681	686	691	695	700	704	708	710	712
40	581	584	586	590	593	597	602	606	611	617	622	627	633	638	643	647	652	654	656
45	517	519	522	526	529	533	538	543	548	554	560	565	571	577	582	587	591	594	595
50	451	453	456	459	463	468	472	477	483	489	495	501	506	512	518	523	527	529	531
55	383	385	388	392	396	400	405	410	415	421	427	433	439	444	449	454	459	461	463
60	315	317	320	323	327	331	336	341	346	352	358	364	370	375	381	386	391	393	395
65	247	249	252	255	259	263	268	272	278	283	289	295	300	306	311	316	321	323	325
70	181	183	186	189	192	196	200	205	210	216	221	226	232	237	242	247	251	254	256
75	112	114	118	121	126	130	135	140	145	151	156	161	166	171	175	180	184	186	188
80	48.3	50.6	53.5	56.9	60.7	65.0	69.5	74.3	79.1	83.9	88.9	93.8	98.7	103	108	112	116	119	121
85	2.45	3.04	3.99	5.32	7.02	9.08	11.5	14.3	18.5	23.0	27.6	32.4	37.2	42.0	46.6	51.1	55.2	57.3	59.1
90	1.66	1.85	2.04	2.25	2.45	2.65	2.84	3.00	2.87	2.72	2.57	2.42	2.29	2.19	2.13	2.13	2.19	2.47	2.84
95	1.99	1.88	1.86	1.94	2.14	2.47	2.95	3.60	5.50	7.51	9.59	11.7	13.7	15.6	17.3	18.7	19.8	19.0	17.8
100	14.3	17.6	21.3	25.6	30.1	35.0	39.9	45.0	50.2	55.3	60.1	64.6	68.5	71.9	74.6	76.4	77.4	73.3	68.5
105	68.6	76.2	84.8	94.1	104	114	124	134	143	151	158	164	169	173	175	174	174	162	150
110	161	178	197	218	238	259	279	298	305	309	312	313	312	310	305	299	291	279	266
115	350	361	373	385	399	411	424	435	437	439	438	437	434	430	425	420	413	409	403
120	531	535	540	545	549	554	558	562	560	558	555	552	548	544	540	536	532	533	535
125	667	669	671	673	675	676	678	679	677	674	672	669	665	662	659	656	654	656	658
130	783	784	785	786	786	787	787	787	784	781	777	774	770	767	764	761	758	759	761
135	884	885	886	887	888	889	889	889	886	883	879	875	872	868	865	862	859	860	861
140	973	975	976	977	978	978	979	979	976	972	969	965	961	958	955	951	949	949	950
145	1052	1053	1053	1054	1054	1055	1055	1054	1052	1049	1046	1043	1040	1037	1034	1031	1029	1029	1029
150	1117	1117	1118	1118	1118	1117	1117	1117	1115	1114	1112	1110	1108	1106	1104	1103	1101	1101	1101
155	1172	1172	1172	1172	1172	1172	1172	1171	1170	1168	1167	1165	1164	1162	1161	1160	1158	1158	1158
160	1218	1218	1218	1217	1217	1217	1216	1216	1214	1213	1211	1209	1207	1206	1204	1203	1202	1202	1202
165	1253	1253	1252	1252	1251	1251	1250	1250	1248	1247	1246	1245	1244	1242	1241	1241	1240	1240	1240
170	1277	1277	1277	1276	1276	1276	1275	1275	1274	1273	1272	1271	1271	1270	1269	1269	1268	1268	1268
175	1290	1291	1291	1291	1291	1291	1291	1291	1290	1290	1289	1289	1288	1288	1287	1287	1286	1286	1286
180	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.4220A P:50.50W PF:0.9900 Freq:60.00Hz Lamp Flux:5921.56x1 lm		
NAME: 9700-BLS2-PROFILE-4F-DU-BL-50W-30K-5.5	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: 4FT	SERIAL No.:
MFR.:	SUR.:1.2*0.05	Shielding Angle:

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	911	911	911	911	911	911	911	911	911	911	911	911	911	911	911				
5	909	909	909	910	910	910	911	911	911	912	912	913	913	914	914				
10	898	898	899	900	900	901	901	902	902	903	903	904	905	905	906				
15	877	878	879	879	880	881	881	882	883	884	884	885	886	887	888				
20	848	849	850	850	851	852	852	853	854	855	856	857	858	859	860				
25	810	811	812	813	813	814	814	816	817	818	819	820	821	823	824				
30	764	765	766	767	768	768	769	770	771	772	773	774	775	777	778				
35	713	715	716	716	717	718	718	719	721	722	723	725	726	727	729				
40	657	658	659	660	660	661	661	663	664	665	666	668	669	670	672				
45	597	598	599	599	600	600	601	602	603	605	606	608	609	611	612				
50	532	533	534	535	535	536	536	537	539	540	542	543	545	546	548				
55	465	466	467	468	468	469	469	471	472	473	475	476	478	479	481				
60	396	397	398	399	400	400	401	402	404	405	407	409	410	412	414				
65	327	328	329	330	330	331	332	333	335	337	338	340	342	344	345				
70	257	258	259	260	261	262	263	264	266	268	269	271	273	275	277				
75	189	191	192	193	194	195	195	197	199	201	203	204	206	209	211				
80	123	124	126	127	129	130	131	133	134	136	138	140	142	143	145				
85	60.6	61.8	62.9	63.8	64.6	65.4	66.2	67.6	69.1	70.6	72.2	73.8	75.4	77.1	78.8				
90	3.28	3.80	4.41	5.10	5.87	6.73	7.68	8.72	9.85	11.1	12.4	13.8	15.2	16.8	18.4				
95	16.4	14.7	13.0	11.1	9.23	7.40	5.66	4.86	4.23	3.74	3.42	3.25	3.23	3.38	3.68				
100	62.9	56.9	50.5	44.0	37.5	31.3	25.4	22.6	20.3	18.6	17.5	17.0	17.1	17.7	18.9				
105	135	120	105	89.2	73.9	59.2	45.5	38.6	33.0	29.0	26.4	25.2	25.5	27.2	30.4				
110	251	236	220	204	187	170	154	141	128	116	105	93.5	82.9	72.8	63.1				
115	397	390	382	372	361	349	335	318	300	280	259	235	211	184	156				
120	535	536	535	533	529	523	515	501	485	465	444	420	393	364	332				
125	660	662	664	664	663	662	658	650	640	628	615	599	582	564	543				
130	763	765	766	768	769	770	770	768	765	762	757	752	746	740	733				
135	862	864	866	868	870	872	874	875	875	876	876	876	877	876	876				
140	951	953	954	956	959	961	963	964	966	967	968	969	970	971	972				
145	1030	1031	1032	1034	1035	1037	1039	1040	1041	1042	1043	1044	1045	1046	1047				
150	1101	1101	1101	1102	1102	1103	1104	1105	1106	1107	1108	1109	1111	1112	1114				
155	1158	1158	1158	1158	1159	1160	1160	1161	1162	1163	1164	1166	1167	1169	1170				
160	1202	1203	1204	1205	1206	1207	1208	1209	1210	1210	1211	1212	1214	1215	1216				
165	1240	1240	1240	1241	1242	1242	1243	1244	1244	1245	1246	1247	1248	1249	1250				
170	1268	1269	1269	1270	1270	1271	1271	1272	1272	1273	1273	1274	1275	1275	1276				
175	1286	1287	1287	1287	1287	1288	1288	1288	1289	1289	1290	1290	1291	1291	1292				
180	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296	1296				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks: