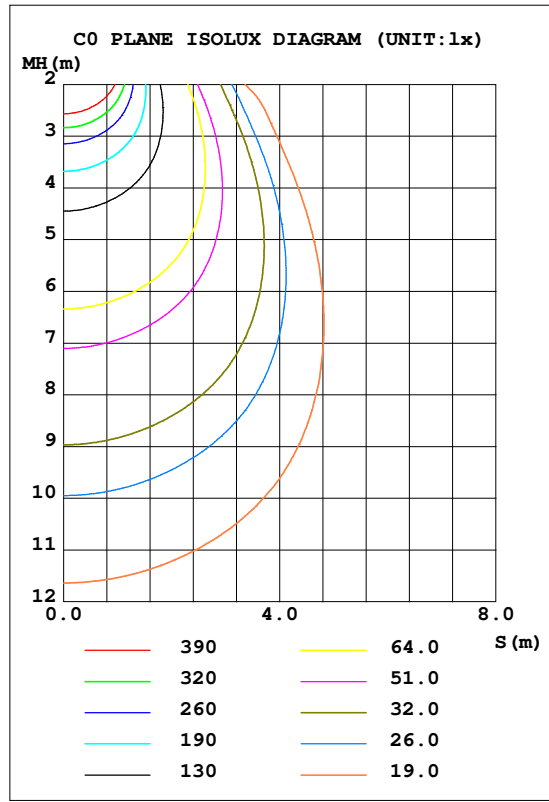
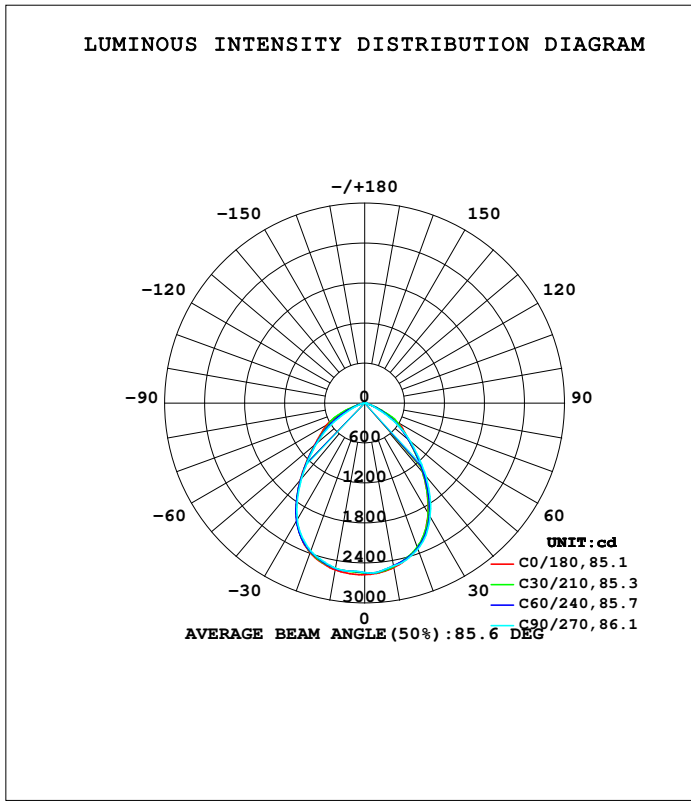


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.4V I:0.2480A P:53.22W PF:0.9694 Freq:49.99Hz Lamp Flux:4969.76x1 lm		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	EP120R60W30V1	I _{max} (cd)	2575	S/MH (C0/180)	1.18
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	4969.8	η UP, DN (C0-180)	0.1, 49.2
NOMINAL FLUX (lm)	4969.76	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 50.6
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220.0	η down (%)	99.8	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

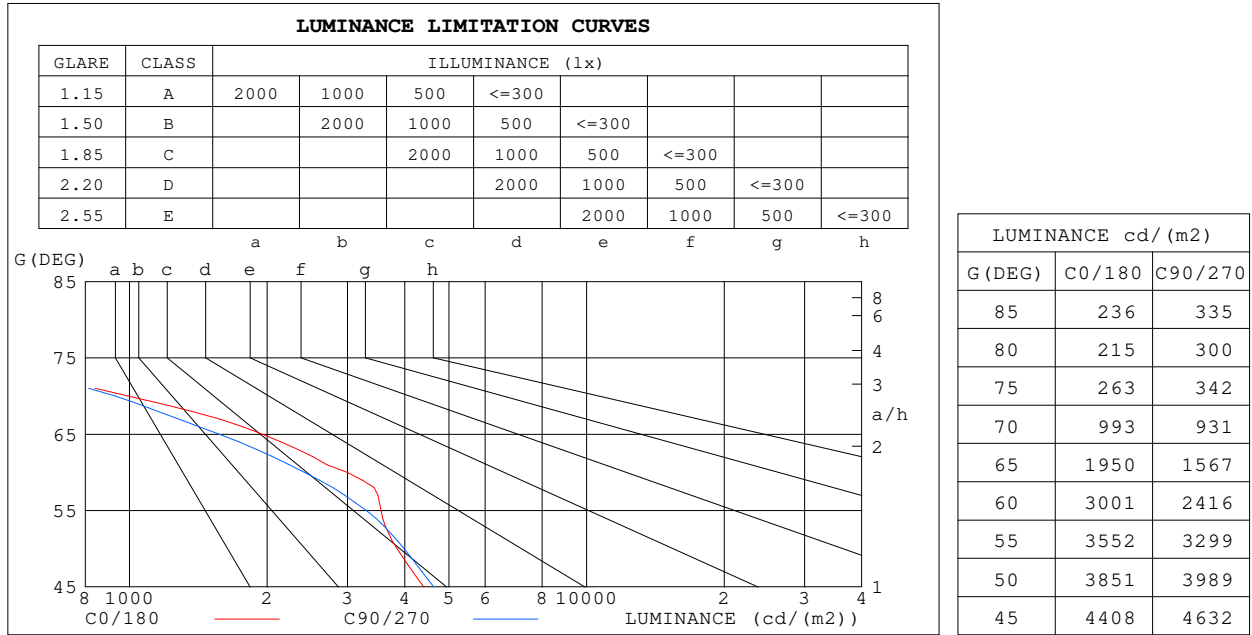
ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2507	2483	2484	2499	2542	2521	2515	2494	0- 10	241.1	241.1	4.85,4.85
20	2311	2312	2331	2352	2391	2373	2361	2327	10- 20	687.3	928.4	18.7,18.7
30	1903	1935	1967	2011	2037	2045	2024	1951	20- 30	1004	1933	38.9,38.9
40	1354	1371	1428	1466	1504	1493	1471	1380	30- 40	1069	3002	60.4,60.4
50	866.3	864.0	897.4	939.3	983.9	952.1	937.2	870.2	40- 50	893.8	3896	78.4,78.4
60	525.1	520.8	422.9	570.4	660.8	580.5	453.6	538.0	50- 60	639.4	4535	91.2,91.2
70	118.9	167.5	111.4	237.9	213.9	248.1	120.3	179.9	60- 70	341.8	4877	98.1,98.1
80	13.04	16.62	18.21	21.11	19.37	22.21	19.49	17.34	70- 80	70.18	4947	99.5,99.5
90	0.1653	0.2012	0.1355	1.237	3.682	2.035	0.2611	0.3187	80- 90	10.82	4958	99.8,99.8
100	0.3000	0.3335	0.2821	0.2825	0.4660	0.5190	0.4840	0.7200	90-100	0.3602	4958	99.8,99.8
110	0.5702	0.6279	0.5762	0.5559	1.476	1.201	1.214	1.606	100-110	0.7312	4959	99.8,99.8
120	0.8884	1.262	1.023	1.187	2.794	1.849	2.232	2.516	110-120	1.341	4960	99.8,99.8
130	1.449	2.085	1.681	1.977	3.928	2.708	3.302	3.510	120-130	1.890	4962	99.8,99.8
140	2.611	2.968	2.846	2.645	3.156	3.242	4.361	3.912	130-140	2.247	4964	99.9,99.9
150	2.573	3.261	3.006	2.324	2.658	3.651	5.296	4.582	140-150	2.152	4966	99.9,99.9
160	2.660	3.352	3.273	2.517	2.973	4.297	5.976	5.078	150-160	1.727	4968	100,100
170	3.201	4.061	3.876	3.100	3.243	4.765	6.360	5.305	160-170	1.166	4969	100,100
180	3.300	5.117	6.309	5.619	3.321	5.144	6.324	5.610	170-180	0.4464	4970	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.280m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

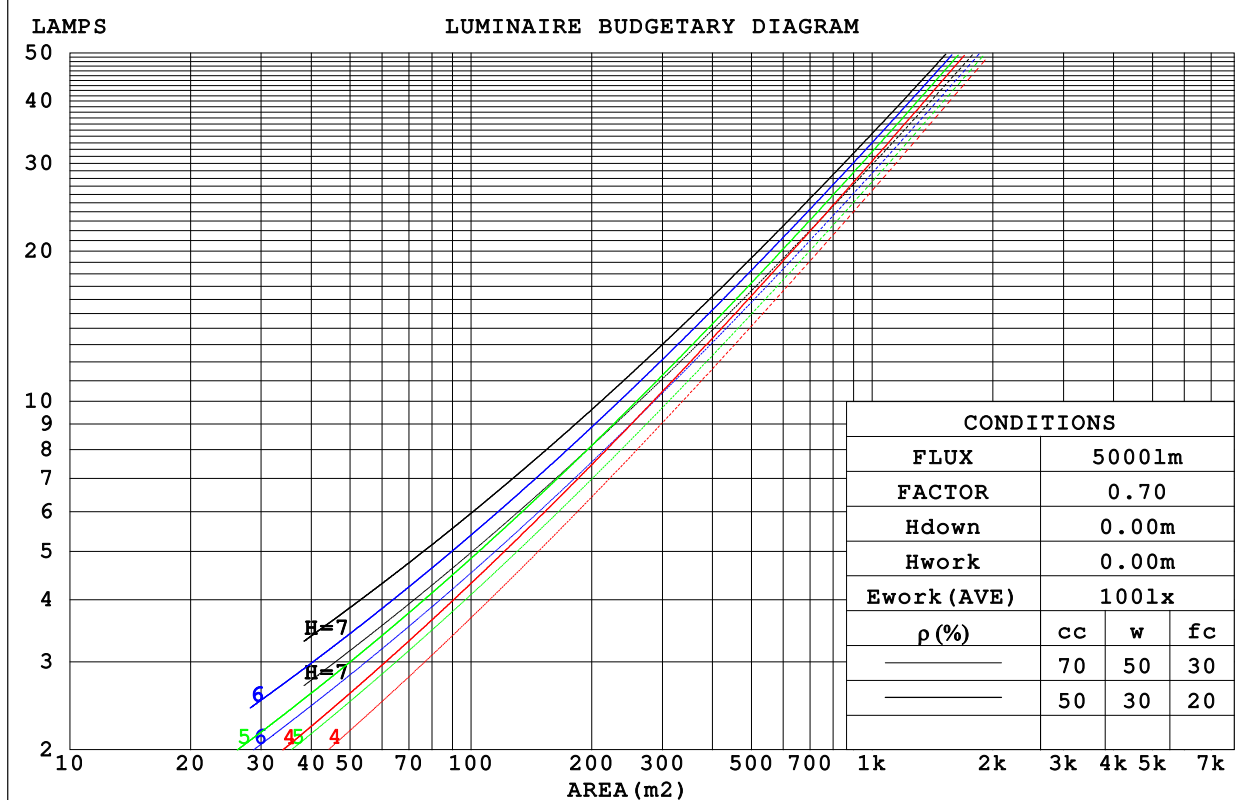


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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						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	1.02	1.02	1.02	.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.96	.91	.86	.94	.89	.85	.91	.87	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.86	.80	.74	.85	.79	.73	.82	.77	.72	.79	.75	.71	.77	.73	.70	.68
4.0	.78	.70	.65	.77	.70	.64	.74	.68	.63	.72	.67	.62	.70	.65	.62	.60
5.0	.71	.63	.57	.70	.62	.57	.67	.61	.56	.66	.60	.55	.64	.59	.55	.53
6.0	.64	.56	.51	.63	.56	.50	.62	.55	.50	.60	.54	.50	.59	.53	.49	.47
7.0	.59	.51	.45	.58	.51	.45	.57	.50	.45	.55	.49	.45	.54	.49	.44	.43
8.0	.54	.46	.41	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.44	.40	.39
9.0	.50	.43	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35
10.0	.46	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.43	.38	.34	.32



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

WEC AND CCEC

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.241	.137	.043	.234	.134	.042	.221	.127	.041	.209	.121	.039	.198	.115	.037	
2.0	.236	.129	.040	.230	.126	.039	.218	.121	.038	.208	.117	.036	.198	.112	.035	
3.0	.225	.120	.036	.219	.117	.035	.209	.113	.034	.200	.110	.034	.192	.106	.033	
4.0	.212	.110	.032	.208	.109	.032	.199	.105	.031	.191	.102	.031	.183	.099	.030	
5.0	.200	.102	.030	.196	.101	.029	.188	.098	.029	.181	.095	.028	.174	.093	.028	
6.0	.188	.094	.027	.185	.093	.027	.178	.091	.026	.171	.089	.026	.165	.087	.026	
7.0	.177	.088	.025	.174	.087	.025	.168	.085	.024	.162	.083	.024	.157	.081	.024	
8.0	.168	.082	.023	.165	.081	.023	.159	.079	.023	.154	.078	.022	.149	.076	.022	
9.0	.158	.077	.021	.156	.076	.021	.151	.075	.021	.146	.073	.021	.142	.072	.021	
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.019	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.177	.159	.142	.152	.136	.122	.104	.094	.084	.060	.054	.049	.019	.017	.016	
2.0	.167	.134	.107	.143	.115	.092	.098	.080	.064	.056	.046	.038	.018	.015	.012	
3.0	.158	.116	.083	.135	.100	.072	.093	.069	.050	.054	.041	.030	.017	.013	.010	
4.0	.150	.102	.066	.128	.088	.057	.088	.061	.040	.051	.036	.024	.016	.012	.008	
5.0	.142	.091	.054	.122	.079	.047	.084	.055	.033	.049	.032	.020	.016	.011	.006	
6.0	.136	.083	.045	.117	.072	.039	.080	.050	.028	.047	.029	.016	.015	.010	.005	
7.0	.129	.076	.038	.111	.066	.033	.077	.046	.023	.045	.027	.014	.014	.009	.005	
8.0	.123	.070	.033	.106	.061	.029	.073	.042	.020	.043	.025	.012	.014	.008	.004	
9.0	.118	.065	.029	.102	.056	.025	.070	.040	.018	.041	.023	.011	.013	.008	.004	
10.0	.113	.061	.026	.097	.053	.023	.067	.037	.016	.039	.022	.010	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.280m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

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	10.9	12.3	11.2	12.5	12.6	10.5	11.8	10.7	12.0	12.2
3H	11.2	12.4	11.5	12.6	12.9	10.6	11.8	10.9	12.0	12.2
4H	11.1	12.3	11.4	12.5	12.8	10.5	11.7	10.8	11.9	12.2
6H	11.0	12.1	11.4	12.4	12.6	10.4	11.5	10.8	11.8	12.0
8H	11.0	12.0	11.3	12.3	12.6	10.4	11.4	10.7	11.7	12.0
12H	10.9	11.9	11.3	12.2	12.5	10.3	11.3	10.7	11.6	11.9
4H 2H	11.2	12.3	11.5	12.6	12.8	10.8	11.9	11.1	12.2	12.4
3H	11.5	12.5	11.9	12.8	13.1	11.0	11.9	11.3	12.2	12.5
4H	11.5	12.4	11.8	12.7	13.0	10.9	11.8	11.3	12.1	12.4
6H	11.4	12.2	11.8	12.5	12.9	10.8	11.6	11.2	12.0	12.3
8H	11.3	12.1	11.8	12.4	12.8	10.8	11.5	11.2	11.9	12.3
12H	11.3	12.0	11.7	12.4	12.8	10.8	11.4	11.2	11.8	12.2
8H 4H	11.4	12.1	11.8	12.5	12.8	10.8	11.5	11.2	11.9	12.3
6H	11.3	11.9	11.7	12.3	12.7	10.8	11.3	11.2	11.8	12.2
8H	11.3	11.8	11.7	12.2	12.7	10.7	11.2	11.2	11.7	12.1
12H	11.2	11.7	11.7	12.1	12.6	10.7	11.1	11.2	11.6	12.1
12H 4H	11.3	12.0	11.7	12.4	12.8	10.8	11.4	11.2	11.8	12.2
6H	11.3	11.8	11.7	12.2	12.7	10.7	11.2	11.2	11.7	12.1
8H	11.2	11.7	11.7	12.1	12.6	10.7	11.1	11.2	11.6	12.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 0.7 / - 1.0				
1.5H	+ 0.2 / - 0.4					+ 0.4 / - 0.8				
2.0H	+ 0.7 / - 1.1					+ 1.4 / - 2.0				

CIE Pub.117, 4970 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.280m [K=1.0000]
 Remarks:

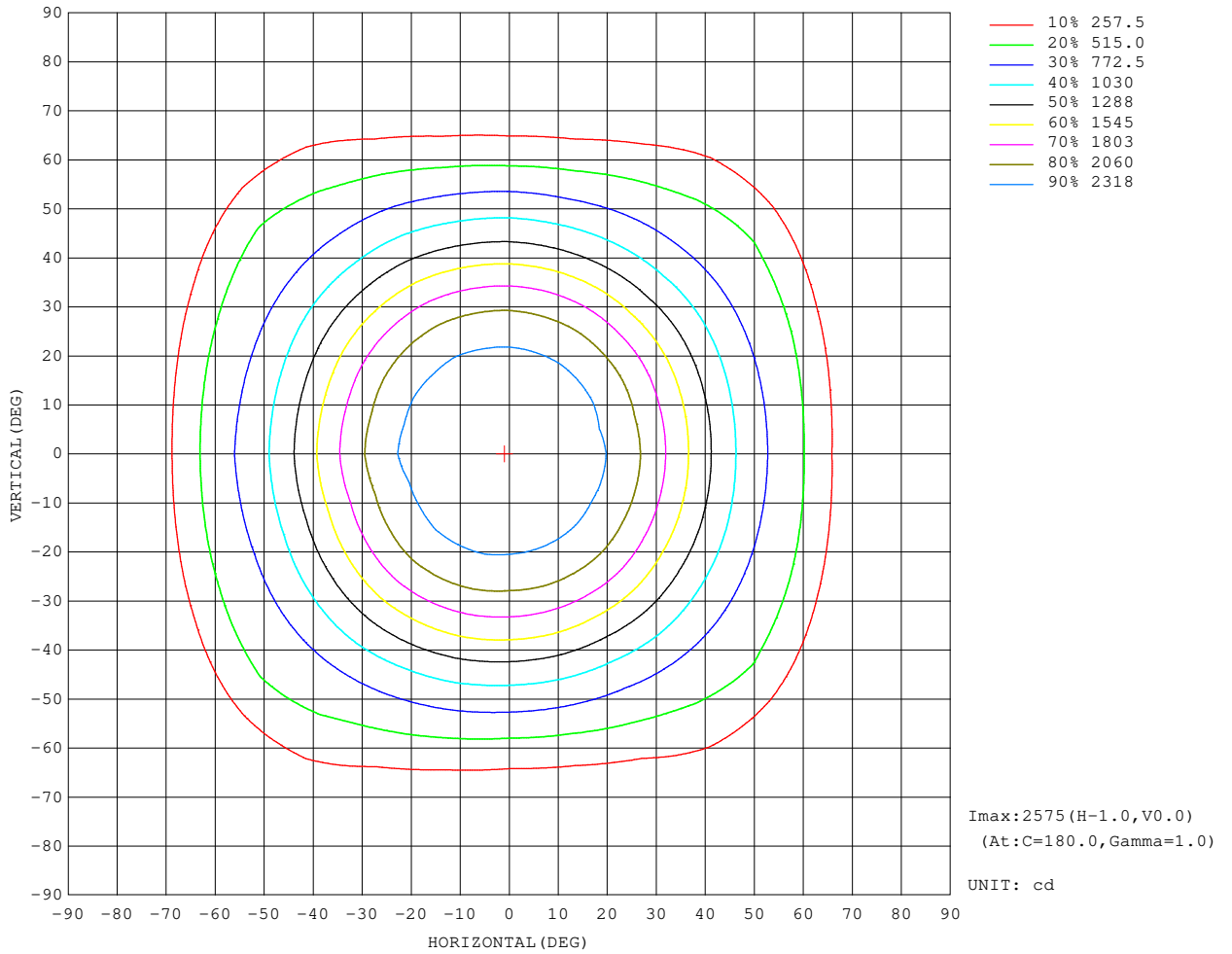
UTILIZATION FACTORS TABLE

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	66	56	50	66	56	50	65	56	50	45
0.80	76	67	61	76	66	60	74	66	60	54
1.00	84	75	69	83	75	69	81	76	69	63
1.25	91	83	77	90	82	76	87	81	76	70
1.50	95	88	82	94	87	82	91	85	80	74
2.00	101	94	89	99	93	89	96	91	87	80
2.50	104	98	93	102	97	92	98	94	90	83
3.00	107	101	97	105	100	96	101	97	94	86
4.00	110	105	102	107	104	100	103	100	98	90
5.00	111	108	105	109	106	103	105	102	100	91
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: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

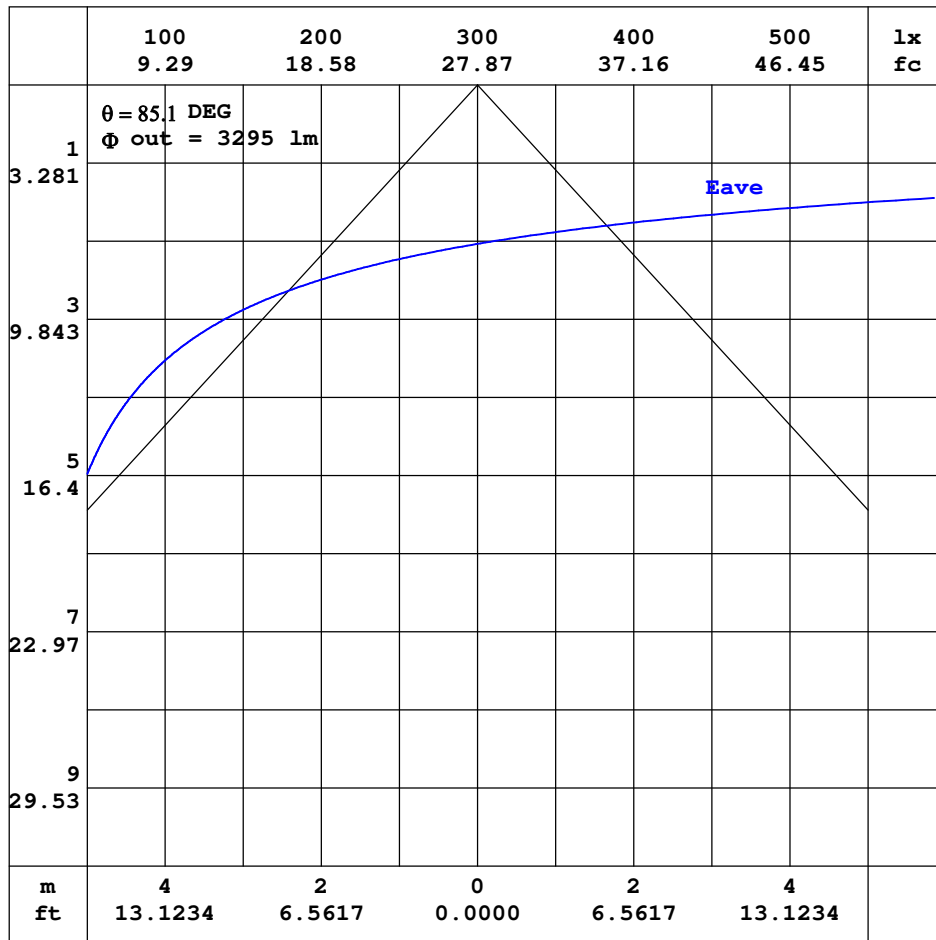
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

AAI CURVES

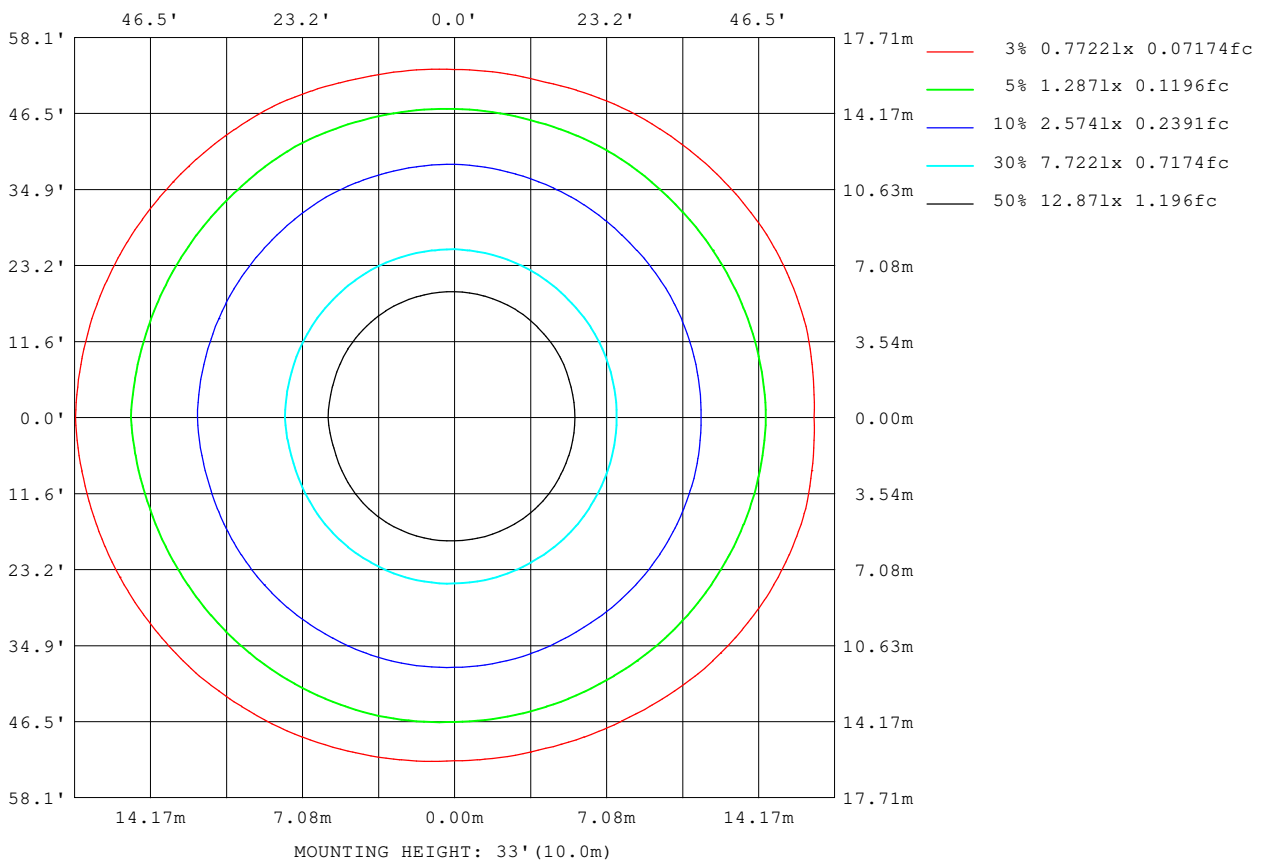


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:221.4V I:0.2480A P:53.22W PF:0.9694 Freq:49.99Hz Lamp Flux:4969.76x1 lm		

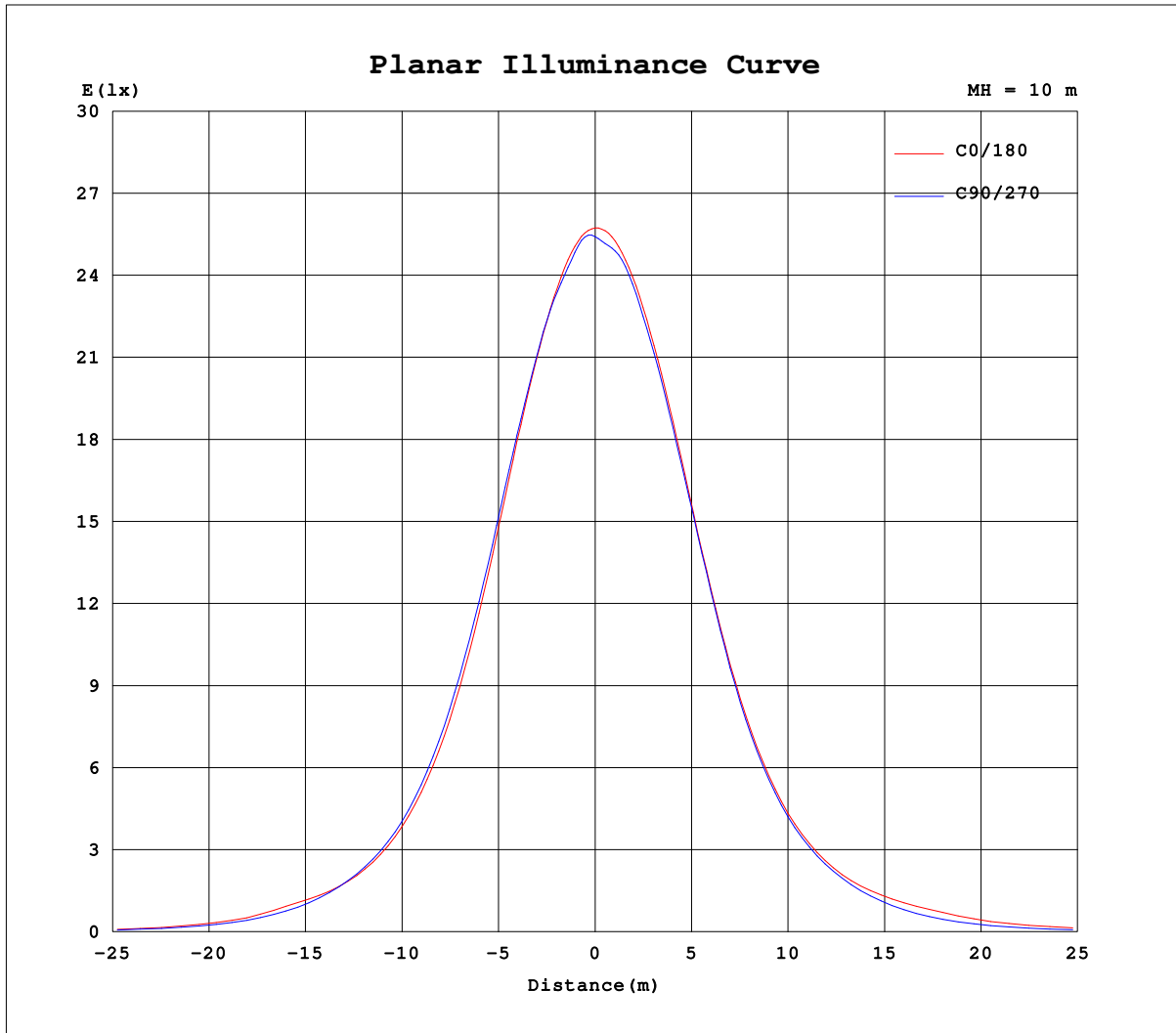
AvgL	cd/m2
L_0~180 (65) av	2371
L_0~180 (75) av	542
L_0~180 (85) av	304
L_90~270 (65) av	1632
L_90~270 (75) av	356
L_90~270 (85) av	350
L_45 (65) av	2769
L_45 (75) av	699
L_45 (85) av	352

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.280m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2574	2558	2550	2546	2544	2542	2542	2541	2541	2539	2539	2536	2574	2558	2550	2546	2544	2542	2542
5	2555	2548	2546	2544	2539	2539	2538	2540	2544	2546	2545	2540	2571	2547	2535	2532	2531	2531	2530
10	2507	2502	2492	2483	2479	2482	2484	2489	2491	2499	2508	2511	2542	2518	2519	2521	2522	2518	2515
15	2429	2422	2409	2412	2419	2428	2434	2440	2440	2438	2439	2448	2484	2464	2470	2465	2461	2452	2449
20	2311	2305	2300	2312	2317	2323	2331	2343	2346	2352	2345	2349	2391	2374	2380	2373	2374	2367	2361
25	2135	2133	2135	2154	2163	2176	2185	2203	2208	2214	2204	2199	2245	2231	2242	2241	2245	2232	2222
30	1903	1900	1910	1935	1942	1957	1967	1989	2003	2011	1999	1993	2037	2024	2041	2045	2047	2035	2024
35	1634	1631	1638	1659	1670	1695	1711	1735	1741	1752	1741	1736	1780	1770	1782	1781	1787	1770	1758
40	1354	1355	1354	1371	1381	1409	1428	1451	1455	1466	1460	1460	1504	1494	1497	1493	1497	1483	1471
45	1091	1094	1092	1102	1101	1129	1146	1168	1175	1188	1185	1190	1229	1218	1216	1210	1215	1202	1191
50	866	869	864	864	859	882	897	918	923	939	943	951	984	969	964	952	961	945	937
55	713	699	682	671	657	655	662	695	712	730	746	766	802	777	760	745	744	719	699
60	525	557	557	521	458	427	423	464	517	570	604	632	661	641	612	581	542	482	454
65	288	318	360	368	271	237	232	265	324	435	458	408	413	424	490	442	341	276	251
70	119	138	162	168	128	113	111	129	163	238	239	213	214	226	263	248	174	132	120
75	23.9	29.0	38.9	45.2	36.6	31.1	31.0	37.5	58.5	76.7	80.4	72.1	74.4	79.6	90.2	83.4	63.7	39.3	33.6
80	13.0	14.0	15.1	16.6	17.6	18.0	18.2	19.7	20.7	21.1	19.6	18.6	19.4	19.8	21.3	22.2	22.1	20.4	19.5
85	7.19	7.69	8.03	8.95	9.41	9.86	10.2	11.0	11.6	12.0	11.6	11.1	11.4	11.7	12.3	12.5	12.5	11.6	11.1
90	0.17	0.18	0.21	0.20	0.24	0.16	0.14	0.20	0.47	1.24	1.38	2.48	3.68	3.32	2.95	2.04	1.45	0.48	0.26
95	0.20	0.22	0.22	0.24	0.22	0.23	0.18	0.20	0.19	0.20	0.18	0.18	0.33	0.29	0.31	0.30	0.32	0.32	0.34
100	0.30	0.32	0.31	0.33	0.32	0.32	0.28	0.29	0.28	0.28	0.26	0.26	0.47	0.44	0.48	0.52	0.51	0.47	0.48
105	0.43	0.45	0.45	0.46	0.44	0.44	0.42	0.42	0.41	0.41	0.38	0.37	0.87	0.86	0.89	0.89	0.78	0.78	0.79
110	0.57	0.61	0.64	0.63	0.63	0.61	0.58	0.59	0.58	0.56	0.54	0.51	1.48	1.44	1.34	1.20	1.11	1.19	1.21
115	0.72	0.84	0.89	0.87	0.95	0.89	0.78	0.84	0.88	0.80	0.79	0.72	2.27	1.99	1.60	1.50	1.48	1.62	1.70
120	0.89	1.05	1.14	1.26	1.34	1.29	1.02	1.18	1.26	1.19	1.13	1.04	2.79	2.18	1.85	1.85	1.96	2.12	2.23
125	1.10	1.29	1.50	1.68	1.76	1.72	1.28	1.54	1.64	1.60	1.57	1.42	3.25	2.24	2.10	2.25	2.47	2.63	2.77
130	1.45	1.60	1.85	2.08	2.22	2.11	1.68	1.90	2.03	1.98	1.95	1.92	3.93	2.44	2.25	2.71	2.94	3.16	3.30
135	1.93	2.03	2.26	2.53	2.70	2.56	2.21	2.26	2.42	2.35	2.30	2.27	3.80	2.69	2.50	2.99	3.42	3.64	3.85
140	2.61	2.54	2.70	2.97	3.19	2.92	2.85	2.60	2.76	2.65	2.63	2.68	3.16	2.92	2.87	3.24	3.86	4.14	4.36
145	2.36	2.99	3.12	3.15	2.97	2.50	2.87	2.74	2.59	2.38	2.29	2.33	3.03	3.20	3.05	3.43	4.25	4.55	4.89
150	2.57	3.39	3.41	3.26	2.93	2.46	3.01	2.84	2.59	2.32	2.23	2.24	2.66	3.42	3.53	3.65	4.52	5.00	5.30
155	2.56	3.61	3.34	3.14	2.77	2.46	3.05	2.85	2.61	2.32	2.20	2.20	2.79	3.64	3.79	4.07	4.75	5.37	5.69
160	2.66	3.88	3.56	3.35	2.96	2.80	3.27	3.07	2.83	2.52	2.38	2.38	2.97	3.80	4.02	4.30	4.97	5.69	5.98
165	2.92	4.12	3.83	3.61	3.20	3.20	3.51	3.30	3.06	2.76	2.62	2.62	3.13	3.92	4.25	4.57	5.20	5.87	6.25
170	3.20	4.39	4.32	4.06	3.68	3.76	3.88	3.63	3.40	3.10	3.00	3.03	3.24	4.03	4.45	4.77	5.39	6.09	6.36
175	3.38	4.51	4.69	4.59	4.47	4.76	4.82	4.53	4.13	4.00	4.00	4.09	3.29	4.17	4.56	4.92	5.48	6.26	6.09
180	3.30	4.32	4.69	5.12	5.53	6.26	6.31	5.95	5.30	5.62	5.71	5.50	3.32	4.31	4.70	5.14	5.52	6.27	6.32

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity:65.0%
 Test Distance:7.280m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	2541	2541	2539	2539	2536													
5	2527	2523	2517	2514	2514													
10	2511	2507	2494	2482	2470													
15	2443	2440	2431	2422	2403													
20	2350	2341	2327	2315	2293													
25	2206	2194	2173	2156	2128													
30	2004	1983	1951	1934	1904													
35	1733	1708	1672	1660	1639													
40	1442	1411	1380	1375	1362													
45	1162	1132	1109	1107	1099													
50	908	891	870	876	869													
55	685	689	685	692	704													
60	454	498	538	568	558													
65	255	307	393	374	321													
70	119	145	180	180	141													
75	33.3	43.1	48.0	44.8	31.2													
80	18.9	18.9	17.3	16.0	14.4													
85	10.5	10.3	9.52	9.07	8.21													
90	0.28	0.30	0.32	0.32	0.30													
95	0.34	0.39	0.39	0.39	0.36													
100	0.53	0.65	0.72	0.69	0.64													
105	0.89	1.01	1.19	1.24	1.18													
110	1.34	1.44	1.61	1.79	1.84													
115	1.85	1.93	2.04	2.17	2.36													
120	2.36	2.47	2.52	2.57	2.69													
125	2.91	3.02	3.04	2.90	2.93													
130	3.48	3.55	3.51	3.17	3.32													
135	3.97	4.12	3.71	3.58	3.77													
140	4.48	4.58	3.91	4.05	4.22													
145	4.91	4.87	4.21	4.53	4.63													
150	5.34	5.08	4.58	4.94	4.96													
155	5.65	5.11	4.86	5.32	5.20													
160	5.96	5.13	5.08	5.59	5.36													
165	6.10	5.18	5.03	5.61	5.25													
170	6.24	5.25	5.31	5.68	5.39													
175	5.83	5.27	5.53	5.67	5.39													
180	5.92	5.30	5.61	5.73	5.47													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.280m [K=1.0000]
 Remarks: