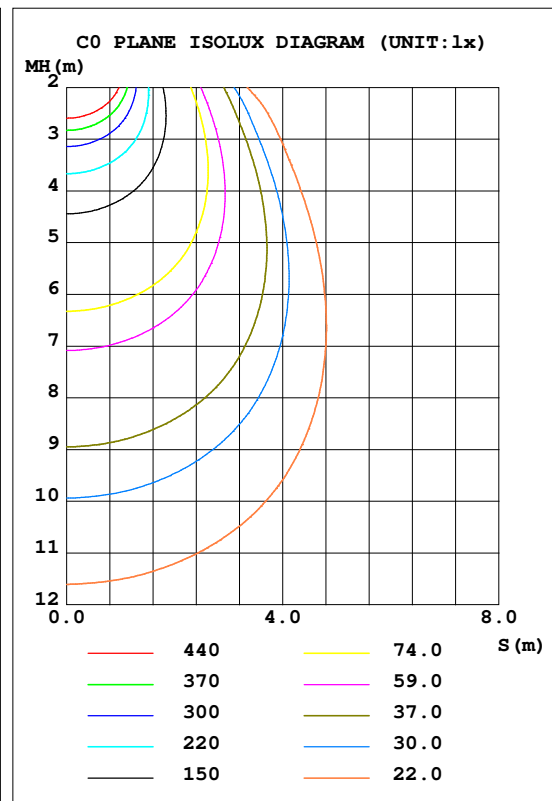
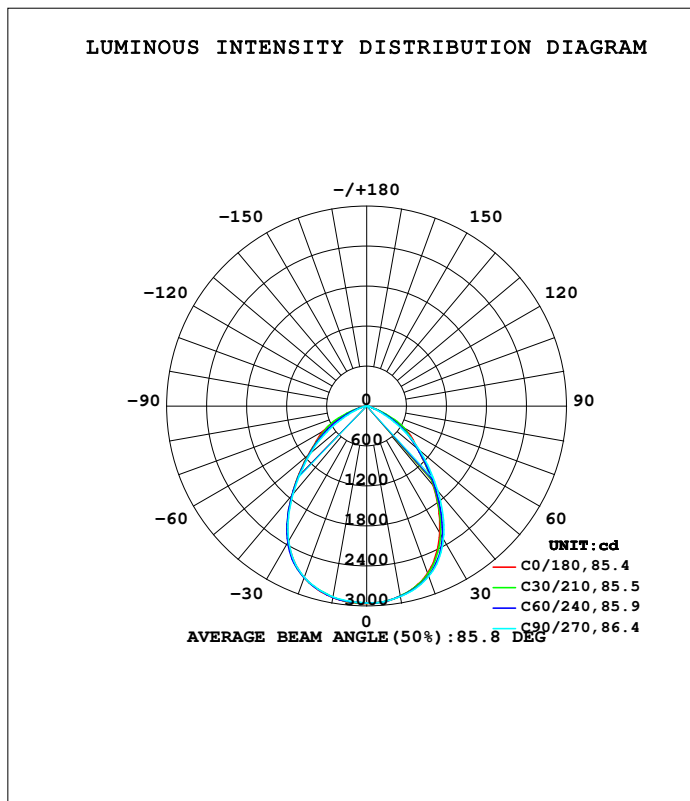


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.4V I:0.2452A P:52.58W PF:0.9685 Freq:49.99Hz Lamp Flux:5787.09x1 lm		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.07 lm/W			
MODEL	EP120R60W40V1	I _{max} (cd)	2964	S/MH (C0/180)	1.18
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	5787.1	η UP, DN (C0-180)	0.1, 49.1
NOMINAL FLUX (lm)	5787.09	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 50.7
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220.0	η down (%)	99.8	CIBSE SHR MAX	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:

ZONAL FLUX DIAGRAM

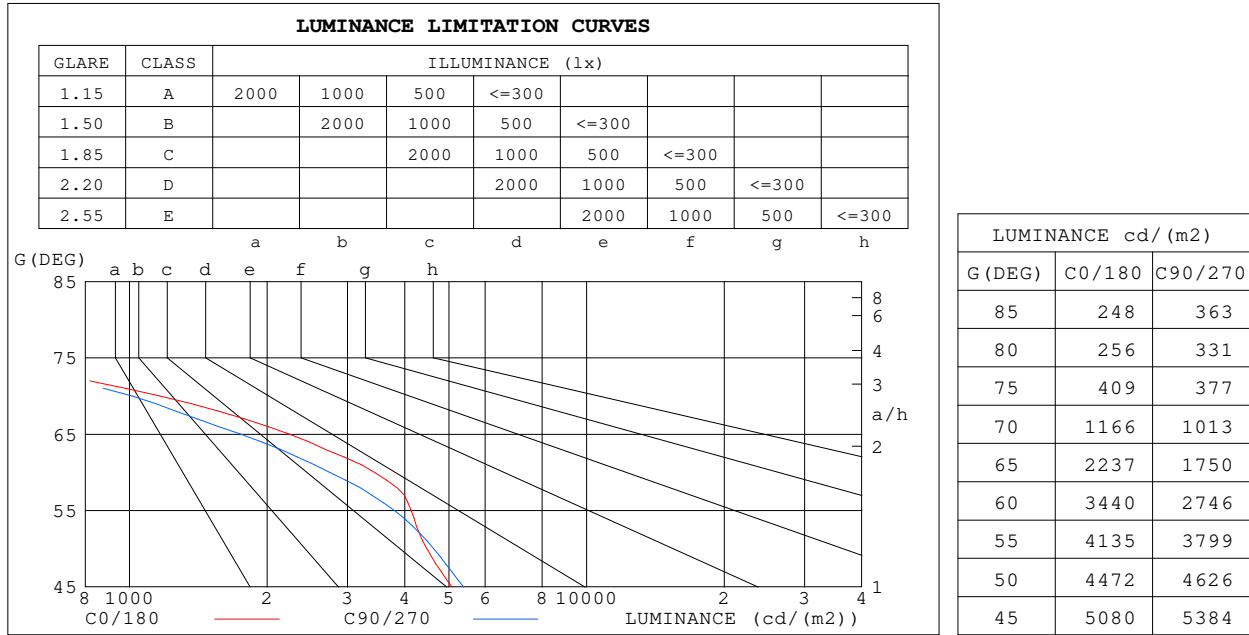
ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2896	2896	2901	2900	2919	2910	2907	2897	0- 10	279.6	279.6	4.83,4.83
20	2671	2702	2720	2735	2738	2741	2735	2704	10- 20	797.5	1077	18.6,18.6
30	2193	2254	2304	2348	2346	2367	2342	2273	20- 30	1166	2243	38.8,38.8
40	1560	1587	1660	1716	1746	1738	1719	1621	30- 40	1245	3488	60.3,60.3
50	1006	994.3	1041	1100	1150	1121	1101	1022	40- 50	1043	4532	78.3,78.3
60	602.0	608.1	480.6	665.5	759.5	689.1	545.8	628.0	50- 60	747.4	5279	91.2,91.2
70	139.6	189.2	121.3	273.5	260.6	304.1	151.1	221.5	60- 70	400.0	5679	98.1,98.1
80	15.57	18.91	20.12	24.46	22.31	27.35	23.03	21.06	70- 80	85.46	5764	99.6,99.6
90	0.1953	2.047	0.1643	1.229	3.206	2.311	0.3174	0.3347	80- 90	12.23	5777	99.8,99.8
100	0.3841	0.3966	0.3661	0.3546	0.4719	0.4471	0.4389	0.5942	90-100	0.3995	5777	99.8,99.8
110	0.7113	0.7361	0.7173	0.6489	1.130	1.057	0.9315	1.081	100-110	0.6816	5778	99.8,99.8
120	1.093	1.364	1.126	1.148	2.015	1.645	1.562	1.576	110-120	1.148	5779	99.9,99.9
130	1.552	2.097	1.582	1.793	1.832	2.231	2.253	2.201	120-130	1.524	5780	99.9,99.9
140	2.071	2.899	2.071	2.445	2.274	2.645	2.935	2.720	130-140	1.778	5782	99.9,99.9
150	2.534	3.571	3.113	2.823	2.817	3.096	3.610	3.246	140-150	1.820	5784	99.9,99.9
160	3.135	4.090	3.948	3.289	3.307	3.555	4.166	3.750	150-160	1.582	5786	100,100
170	3.627	4.499	4.402	3.751	3.697	4.123	4.510	4.102	160-170	1.095	5787	100,100
180	3.682	4.444	4.742	4.204	3.691	4.450	4.739	4.204	170-180	0.3926	5787	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

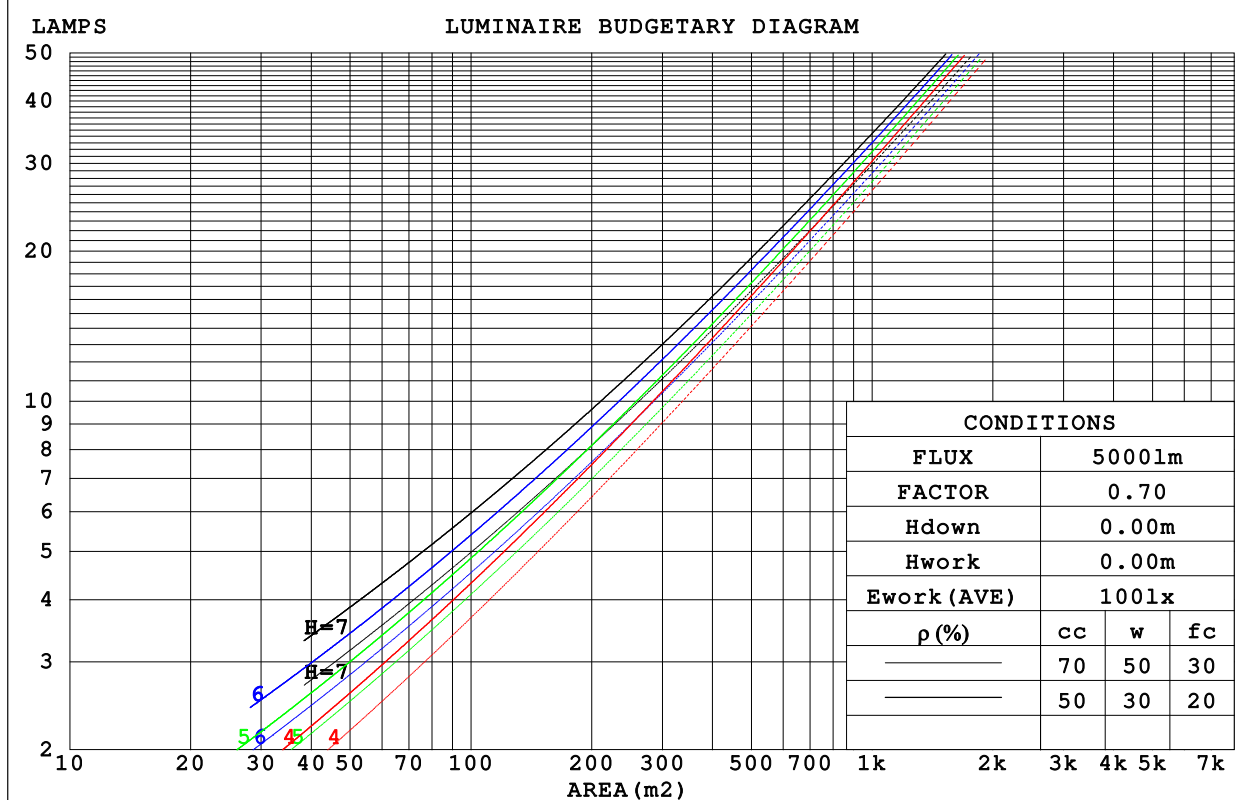


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019 9/16

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	.79	.74	.85	.78	.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	.69	.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	.58	.53	.49	.47
7.0	.59	.51	.45	.58	.51	.45	.57	.50	.45	.55	.49	.45	.54	.48	.44	.43
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.41	.51	.45	.40	.50	.44	.40	.38
9.0	.50	.42	.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	.242	.137	.044	.235	.134	.043	.222	.127	.041	.210	.121	.039	.199	.115	.037	
2.0	.236	.129	.040	.230	.127	.039	.219	.122	.038	.208	.117	.037	.199	.112	.035	
3.0	.225	.120	.036	.220	.118	.035	.210	.114	.035	.201	.110	.034	.192	.106	.033	
4.0	.213	.110	.032	.208	.109	.032	.199	.106	.032	.191	.103	.031	.184	.100	.030	
5.0	.200	.102	.030	.196	.101	.029	.188	.098	.029	.181	.096	.028	.174	.093	.028	
6.0	.189	.095	.027	.185	.093	.027	.178	.091	.027	.172	.089	.026	.166	.087	.026	
7.0	.178	.088	.025	.174	.087	.025	.168	.085	.025	.163	.083	.024	.157	.082	.024	
8.0	.168	.082	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023	.149	.077	.022	
9.0	.159	.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	.020	

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	.158	.141	.151	.136	.121	.104	.093	.084	.060	.054	.049	.019	.017	.016	
2.0	.166	.134	.106	.142	.115	.092	.098	.080	.064	.056	.046	.038	.018	.015	.012	
3.0	.157	.115	.082	.135	.100	.071	.093	.069	.050	.053	.040	.029	.017	.013	.010	
4.0	.149	.102	.065	.128	.088	.057	.088	.061	.040	.051	.036	.024	.016	.012	.008	
5.0	.142	.091	.053	.122	.079	.046	.084	.055	.033	.049	.032	.019	.016	.011	.006	
6.0	.135	.082	.044	.116	.071	.038	.080	.050	.027	.046	.029	.016	.015	.010	.005	
7.0	.129	.075	.038	.111	.065	.033	.077	.046	.023	.044	.027	.014	.014	.009	.005	
8.0	.123	.069	.032	.106	.060	.028	.073	.042	.020	.043	.025	.012	.014	.008	.004	
9.0	.117	.064	.028	.101	.056	.025	.070	.039	.018	.041	.023	.011	.013	.008	.003	
10.0	.112	.060	.025	.097	.052	.022	.067	.037	.016	.039	.022	.009	.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	12.2	11.1	12.4	12.6	10.4	11.7	10.7	11.9	12.1
3H	11.1	12.3	11.4	12.5	12.8	10.5	11.7	10.8	12.0	12.2
4H	11.0	12.2	11.3	12.4	12.7	10.5	11.6	10.8	11.8	12.1
6H	10.9	12.0	11.3	12.3	12.6	10.4	11.4	10.7	11.7	12.0
8H	10.9	11.9	11.2	12.2	12.5	10.3	11.4	10.7	11.6	11.9
12H	10.9	11.8	11.2	12.1	12.4	10.3	11.3	10.6	11.6	11.9
4H 2H	11.1	12.3	11.4	12.5	12.8	10.7	11.9	11.0	12.1	12.4
3H	11.4	12.4	11.8	12.7	13.0	10.9	11.9	11.2	12.2	12.5
4H	11.4	12.3	11.8	12.6	12.9	10.8	11.7	11.2	12.0	12.4
6H	11.3	12.1	11.7	12.4	12.8	10.8	11.5	11.2	11.9	12.3
8H	11.3	12.0	11.7	12.3	12.7	10.7	11.5	11.1	11.8	12.2
12H	11.2	11.9	11.6	12.3	12.7	10.7	11.4	11.1	11.7	12.1
8H 4H	11.3	12.0	11.7	12.4	12.7	10.7	11.5	11.2	11.8	12.2
6H	11.2	11.8	11.6	12.2	12.6	10.7	11.3	11.1	11.7	12.1
8H	11.2	11.7	11.6	12.1	12.6	10.7	11.2	11.1	11.6	12.1
12H	11.1	11.6	11.6	12.0	12.5	10.6	11.1	11.1	11.5	12.0
12H 4H	11.2	11.9	11.7	12.3	12.7	10.7	11.4	11.1	11.7	12.2
6H	11.2	11.7	11.6	12.1	12.6	10.6	11.2	11.1	11.6	12.0
8H	11.1	11.6	11.6	12.0	12.5	10.6	11.1	11.1	11.5	12.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.8					+ 0.7 / - 1.0				
1.5H	+ 0.2 / - 0.5					+ 0.4 / - 0.9				
2.0H	+ 0.7 / - 1.2					+ 1.4 / - 1.9				

CIE Pub.117, 5787 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.1)

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:

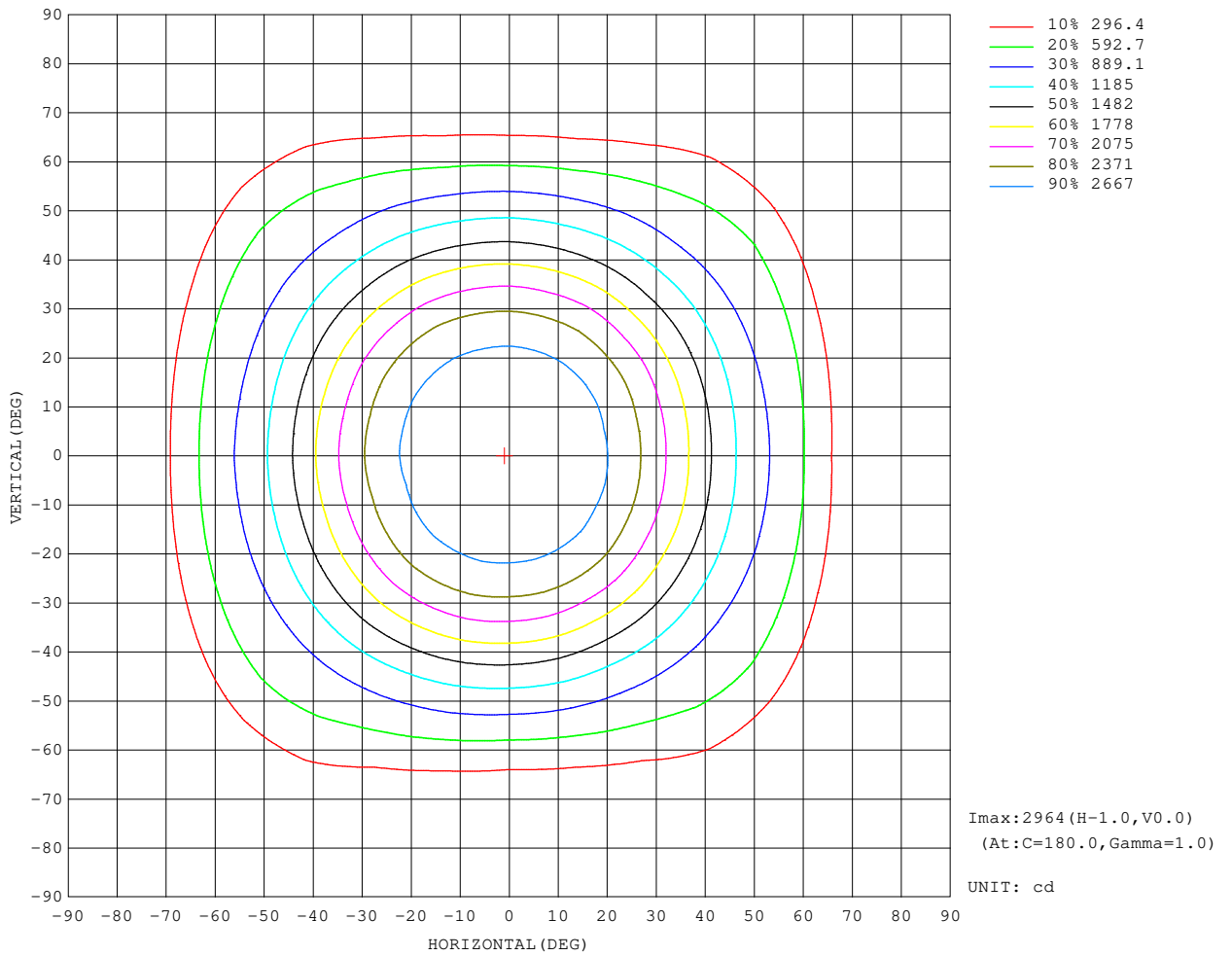
UTILIZATION FACTORS TABLE

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	44
0.80	76	67	60	75	66	60	74	66	60	54
1.00	84	75	69	83	75	69	81	76	69	63
1.25	91	82	77	90	82	76	87	80	76	69
1.50	95	87	82	94	87	81	91	85	80	74
2.00	101	94	89	99	93	88	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:

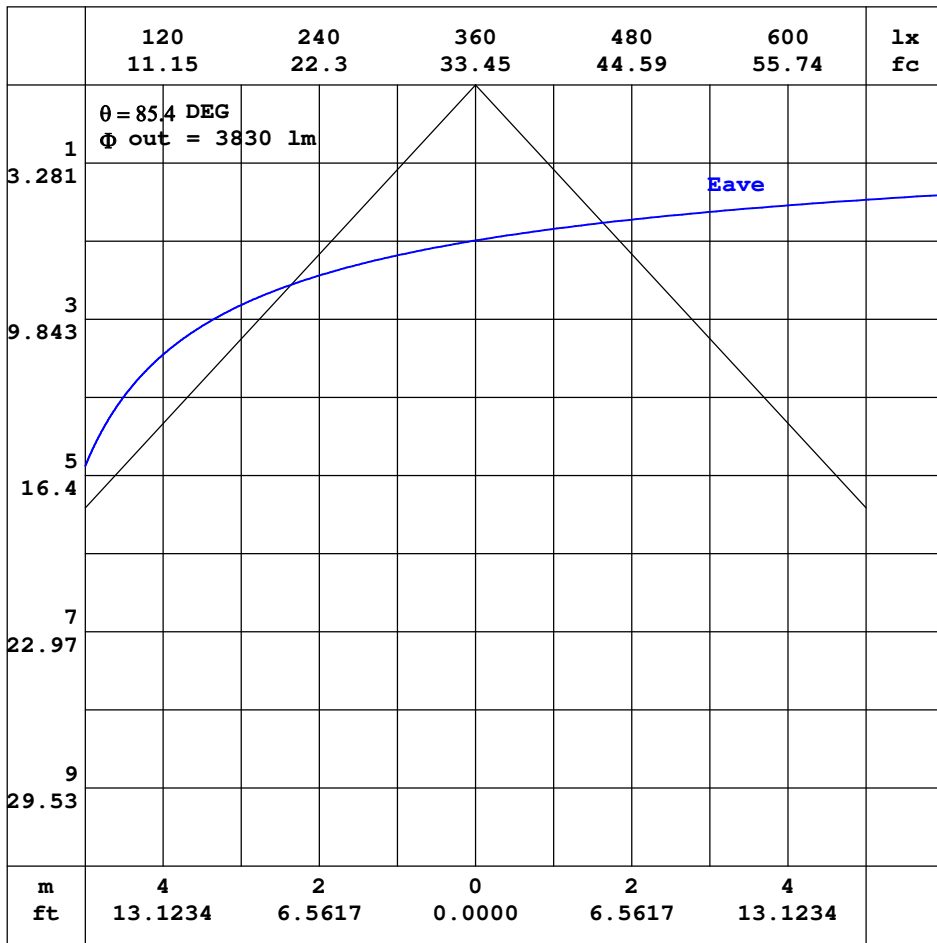
ISOCANDELA DIAGRAM



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

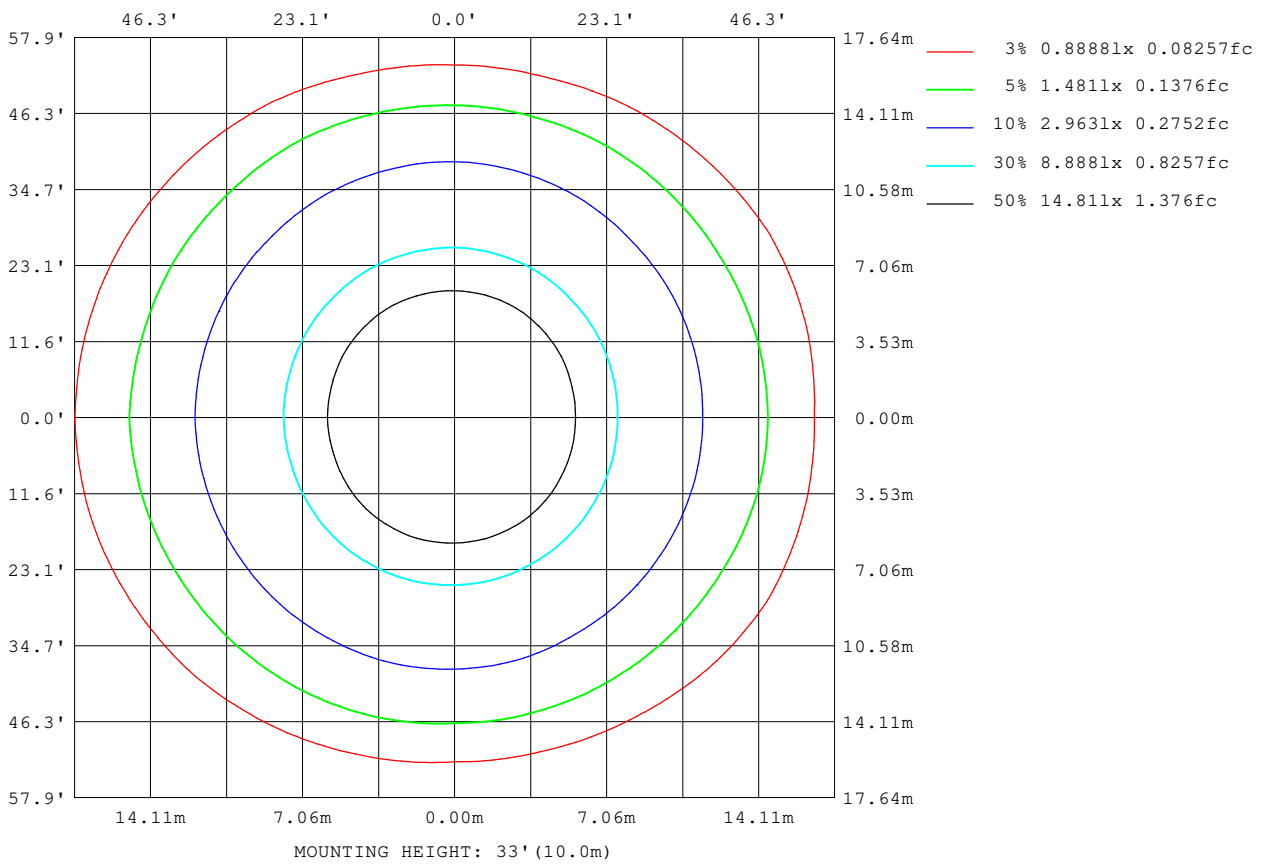


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2452A P:52.58W PF:0.9685 Freq:49.99Hz Lamp Flux:5787.09x1 lm		

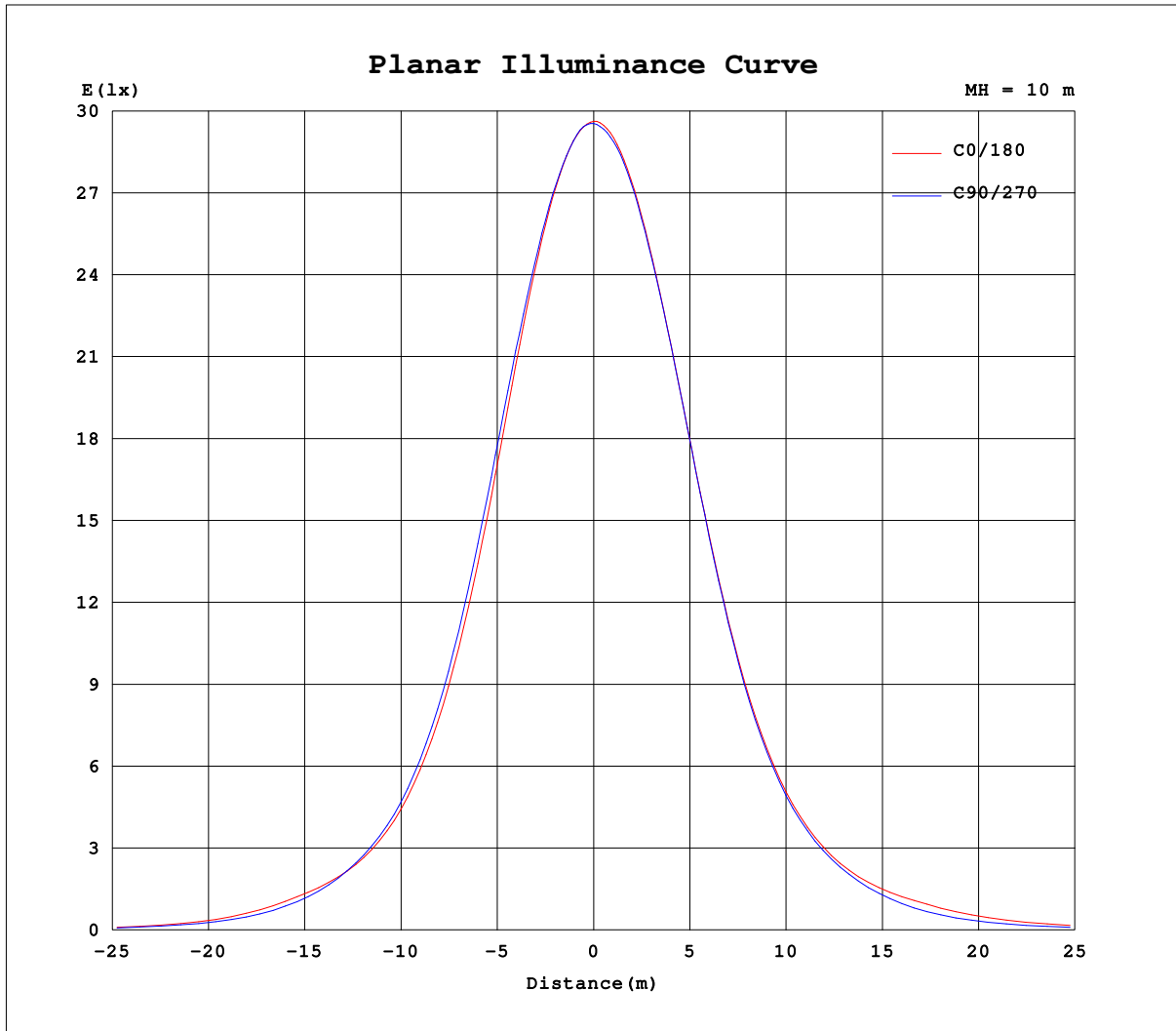
AvgL	cd/m2
L_0~180 (65) av	2787
L_0~180 (75) av	712
L_0~180 (85) av	328
L_90~270 (65) av	1919
L_90~270 (75) av	415
L_90~270 (85) av	395
L_45 (65) av	3219
L_45 (75) av	853
L_45 (85) av	394

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	2963	2959	2958	2957	2956	2955	2955	2953	2953	2951	2950	2947	2963	2959	2958	2957	2956	2955	2955
5	2945	2946	2946	2948	2948	2948	2947	2946	2945	2943	2940	2939	2955	2950	2949	2948	2947	2943	2939
10	2896	2896	2894	2896	2898	2902	2901	2903	2900	2900	2900	2902	2919	2911	2910	2910	2915	2912	2907
15	2809	2811	2812	2823	2826	2830	2833	2842	2838	2838	2834	2831	2849	2840	2840	2841	2844	2840	2838
20	2671	2678	2682	2702	2709	2717	2720	2730	2728	2735	2727	2721	2738	2734	2743	2741	2743	2734	2735
25	2462	2473	2486	2517	2530	2547	2552	2568	2568	2575	2564	2556	2576	2574	2586	2587	2591	2579	2575
30	2193	2202	2218	2254	2272	2294	2304	2329	2337	2348	2335	2326	2346	2344	2363	2367	2370	2352	2342
35	1885	1892	1902	1930	1946	1983	1997	2026	2035	2051	2043	2041	2062	2055	2072	2069	2075	2056	2048
40	1560	1567	1571	1587	1600	1639	1660	1687	1700	1716	1717	1722	1746	1743	1744	1738	1744	1733	1719
45	1257	1263	1259	1270	1275	1313	1332	1359	1371	1392	1399	1410	1434	1429	1425	1415	1419	1408	1396
50	1006	1004	994	994	997	1026	1041	1069	1079	1100	1112	1129	1150	1141	1136	1121	1124	1108	1101
55	830	817	789	773	764	760	763	802	830	854	875	903	928	911	901	880	874	847	829
60	602	622	645	608	535	492	481	530	595	666	703	739	759	744	720	689	647	576	546
65	331	361	411	426	315	270	259	298	365	496	533	499	494	511	553	525	415	337	309
70	140	158	182	189	144	125	121	141	179	273	288	265	261	273	318	304	217	165	151
75	37.0	42.4	48.0	51.1	41.6	34.5	34.1	39.0	61.4	89.6	99.0	92.1	91.9	97.7	118	105	82.3	49.9	41.1
80	15.6	16.4	17.5	18.9	19.7	20.0	20.1	21.7	22.9	24.5	23.7	21.8	22.3	23.3	27.8	27.3	25.8	23.9	23.0
85	7.56	8.05	8.43	9.56	10.2	10.8	11.1	11.8	12.5	13.0	12.7	12.3	12.5	13.0	14.0	14.2	14.4	13.4	13.0
90	0.20	0.22	0.25	2.05	0.27	0.20	0.16	0.23	0.58	1.23	1.47	2.03	3.21	2.88	3.15	2.31	2.10	0.92	0.32
95	0.25	0.28	0.27	0.29	0.27	0.29	0.23	0.27	0.26	0.26	0.23	0.22	0.34	0.31	0.31	0.29	0.31	0.31	0.32
100	0.38	0.40	0.39	0.40	0.39	0.39	0.37	0.38	0.36	0.35	0.32	0.32	0.47	0.44	0.44	0.45	0.45	0.44	0.44
105	0.54	0.55	0.54	0.54	0.55	0.56	0.53	0.52	0.51	0.49	0.47	0.45	0.74	0.72	0.73	0.74	0.69	0.67	0.65
110	0.71	0.73	0.74	0.74	0.78	0.78	0.72	0.72	0.71	0.65	0.65	0.63	1.13	1.13	1.11	1.06	0.97	0.95	0.93
115	0.89	0.95	0.98	1.00	1.10	1.05	0.91	0.95	0.99	0.86	0.83	0.84	1.64	1.57	1.42	1.33	1.28	1.28	1.24
120	1.09	1.18	1.26	1.36	1.44	1.34	1.13	1.25	1.32	1.15	1.03	1.01	2.02	1.75	1.67	1.64	1.61	1.60	1.56
125	1.31	1.47	1.59	1.72	1.79	1.63	1.35	1.62	1.66	1.46	1.29	1.18	1.98	1.94	1.82	1.98	1.97	1.95	1.91
130	1.55	1.81	1.95	2.10	2.14	1.93	1.58	2.05	2.01	1.79	1.59	1.45	1.83	2.25	2.04	2.23	2.33	2.29	2.25
135	1.80	2.14	2.36	2.51	2.49	2.23	1.82	2.41	2.37	2.13	1.90	1.76	1.99	2.62	2.32	2.43	2.67	2.63	2.60
140	2.07	2.54	2.81	2.90	2.82	2.48	2.07	2.72	2.72	2.45	2.21	2.10	2.27	2.92	2.58	2.65	2.99	2.97	2.93
145	2.29	3.02	3.21	3.21	3.08	2.67	2.48	3.07	3.04	2.75	2.47	2.35	2.54	3.17	2.99	2.83	3.09	3.32	3.28
150	2.53	3.50	3.60	3.57	3.33	2.76	3.11	3.37	3.16	2.82	2.50	2.42	2.82	3.38	3.36	3.10	3.28	3.66	3.61
155	2.84	3.77	3.91	3.86	3.57	2.90	3.58	3.64	3.38	3.02	2.68	2.61	3.08	3.56	3.72	3.31	3.48	3.87	3.91
160	3.13	4.01	4.14	4.09	3.75	3.04	3.95	3.89	3.64	3.29	2.92	2.85	3.31	3.71	3.98	3.56	3.71	4.19	4.17
165	3.45	4.23	4.40	4.36	3.97	3.35	4.25	4.13	3.89	3.56	3.20	3.10	3.53	3.87	4.18	3.85	3.87	4.39	4.39
170	3.63	4.33	4.56	4.50	4.07	3.72	4.40	4.28	4.06	3.75	3.41	3.32	3.70	4.02	4.35	4.12	3.96	4.52	4.51
175	3.70	4.28	4.57	4.51	4.06	3.92	4.47	4.36	4.15	3.87	3.55	3.49	3.72	4.13	4.45	4.29	4.02	4.50	4.62
180	3.68	4.20	4.53	4.44	4.11	4.16	4.74	4.64	4.26	4.20	3.86	3.60	3.69	4.20	4.53	4.45	4.12	4.20	4.74

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	2953	2953	2951	2950	2947													
5	2934	2933	2930	2931	2931													
10	2902	2900	2897	2895	2888													
15	2833	2830	2824	2816	2802													
20	2726	2718	2704	2690	2668													
25	2563	2551	2527	2503	2472													
30	2324	2309	2273	2245	2207													
35	2019	2002	1954	1935	1900													
40	1691	1662	1621	1602	1579													
45	1368	1339	1306	1291	1274													
50	1074	1055	1022	1022	1010													
55	815	815	812	807	820													
60	547	589	628	659	638													
65	313	365	457	452	375													
70	150	181	221	215	168													
75	41.6	58.6	63.4	60.1	46.3													
80	22.5	22.7	21.1	19.3	17.2													
85	12.5	12.4	11.2	10.3	8.79													
90	0.29	0.30	0.33	0.33	0.31													
95	0.34	0.38	0.39	0.40	0.38													
100	0.46	0.53	0.59	0.61	0.59													
105	0.69	0.75	0.86	0.91	0.95													
110	0.96	0.99	1.08	1.18	1.32													
115	1.27	1.26	1.31	1.37	1.54													
120	1.59	1.60	1.58	1.58	1.55													
125	1.92	1.93	1.90	1.77	1.71													
130	2.27	2.25	2.20	1.99	1.95													
135	2.60	2.58	2.47	2.26	2.22													
140	2.94	2.91	2.72	2.57	2.46													
145	3.29	3.21	2.99	2.86	2.67													
150	3.62	3.52	3.25	3.16	2.90													
155	3.91	3.79	3.51	3.44	3.13													
160	4.14	3.96	3.75	3.67	3.33													
165	4.30	4.07	3.88	3.73	3.55													
170	4.47	4.16	4.10	3.91	3.67													
175	4.58	4.21	4.16	3.89	3.64													
180	4.64	4.27	4.20	3.86	3.60													

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: