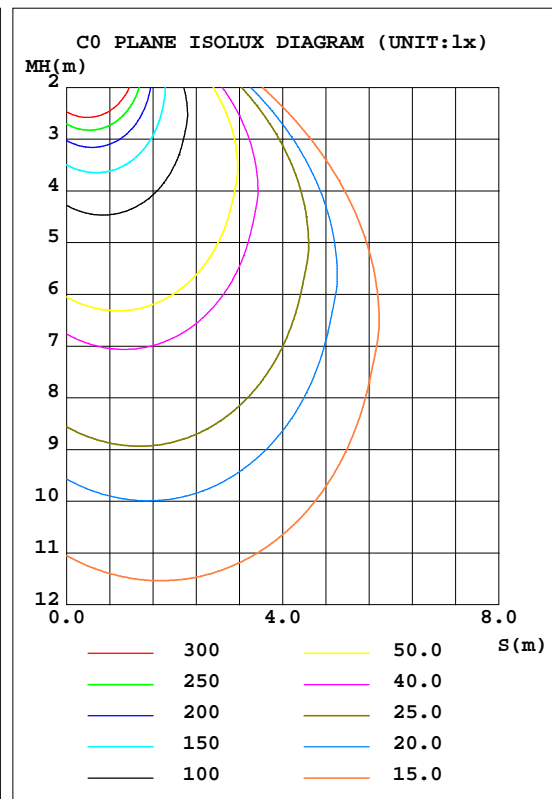
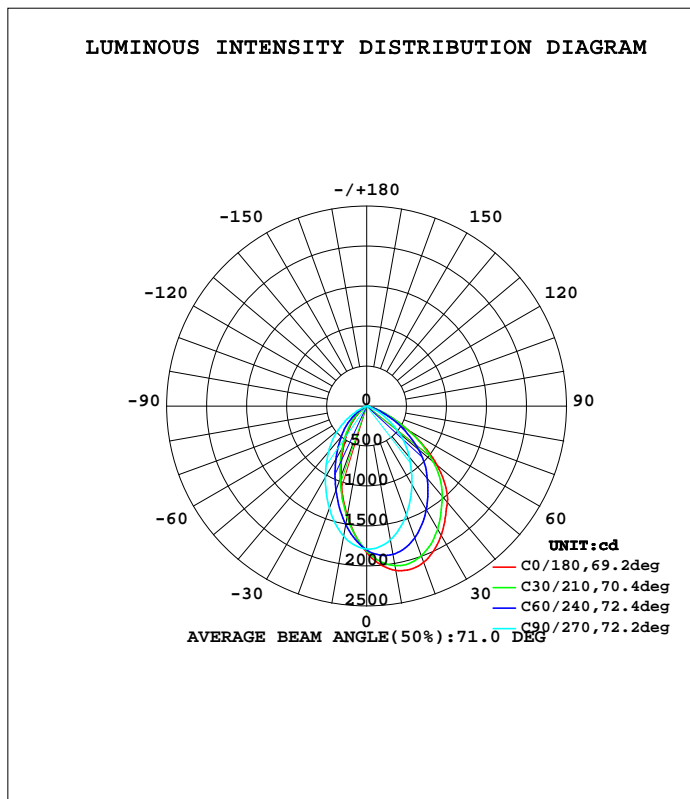


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6寸	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.80 lm/W			
MODEL	CP6-D40W-30W-C	I _{max} (cd)	2114	S/MH(C0/180)	0.63
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.93
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2949.1	η UP, DN(C0-180)	0.1,54.4
NOMINAL FLUX(lm)	2949.08	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,45.3
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	η down(%)	99.7	CIBSE SHR MAX	1.05



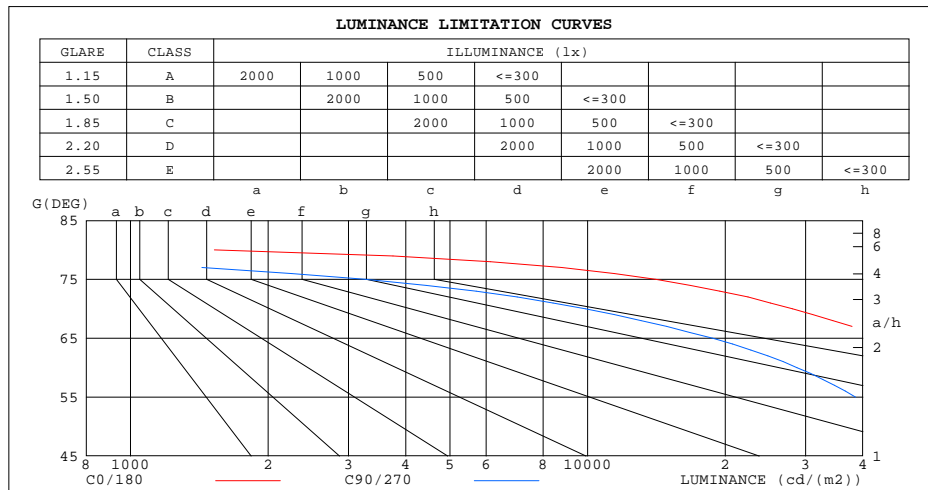
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

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	2085	1962	1700	1461	1397	1445	1654	1896	0- 10	166.4	166.4	5.64,5.64
20	2080	1892	1449	1069	944.4	1031	1366	1784	10- 20	443.9	610.3	20.7,20.7
30	1866	1658	1132	716.4	584.0	676.9	1036	1529	20- 30	596.3	1207	40.9,40.9
40	1572	1343	828.3	446.7	318.6	409.1	740.0	1217	30- 40	623.2	1830	62,62
50	1152	1001	540.1	222.7	107.6	194.1	468.4	886.6	40- 50	552.8	2383	80.8,80.8
60	593.4	562.8	253.7	36.59	12.99	29.40	196.6	466.3	50- 60	367.5	2750	93.3,93.3
70	169.5	186.5	59.76	4.875	5.799	4.675	36.88	141.8	60- 70	156.5	2907	98.6,98.6
80	4.680	16.81	1.576	1.973	2.586	1.774	1.364	9.963	70- 80	33.63	2940	99.7,99.7
90	0.0996	0.0631	0.0831	0.1709	0.1311	0.1950	0.0767	0.0947	80- 90	1.021	2941	99.7,99.7
100	0.0811	0.0677	0.1123	0.2708	0.3476	0.2974	0.1715	0.0857	90-100	0.1364	2941	99.7,99.7
110	0.0812	0.1309	0.3018	0.6949	0.9297	0.8291	0.4333	0.1533	100-110	0.3081	2942	99.7,99.7
120	0.2162	0.3294	0.7163	1.394	1.832	1.591	0.8934	0.3783	110-120	0.6540	2942	99.8,99.8
130	0.4958	0.6814	1.271	2.125	2.851	2.385	1.457	0.7304	120-130	1.066	2943	99.8,99.8
140	0.9914	1.173	1.857	2.832	3.771	3.129	2.057	1.240	130-140	1.387	2945	99.9,99.9
150	1.650	1.822	2.520	3.504	4.325	3.742	2.706	1.902	140-150	1.518	2946	99.9,99.9
160	2.502	2.603	3.201	3.991	4.613	4.162	3.315	2.655	150-160	1.407	2948	100,100
170	3.422	3.432	3.765	4.225	4.744	4.437	3.851	3.490	160-170	1.028	2949	100,100
180	4.216	4.104	4.000	4.054	4.230	4.090	4.009	4.054	170-180	0.3809	2949	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



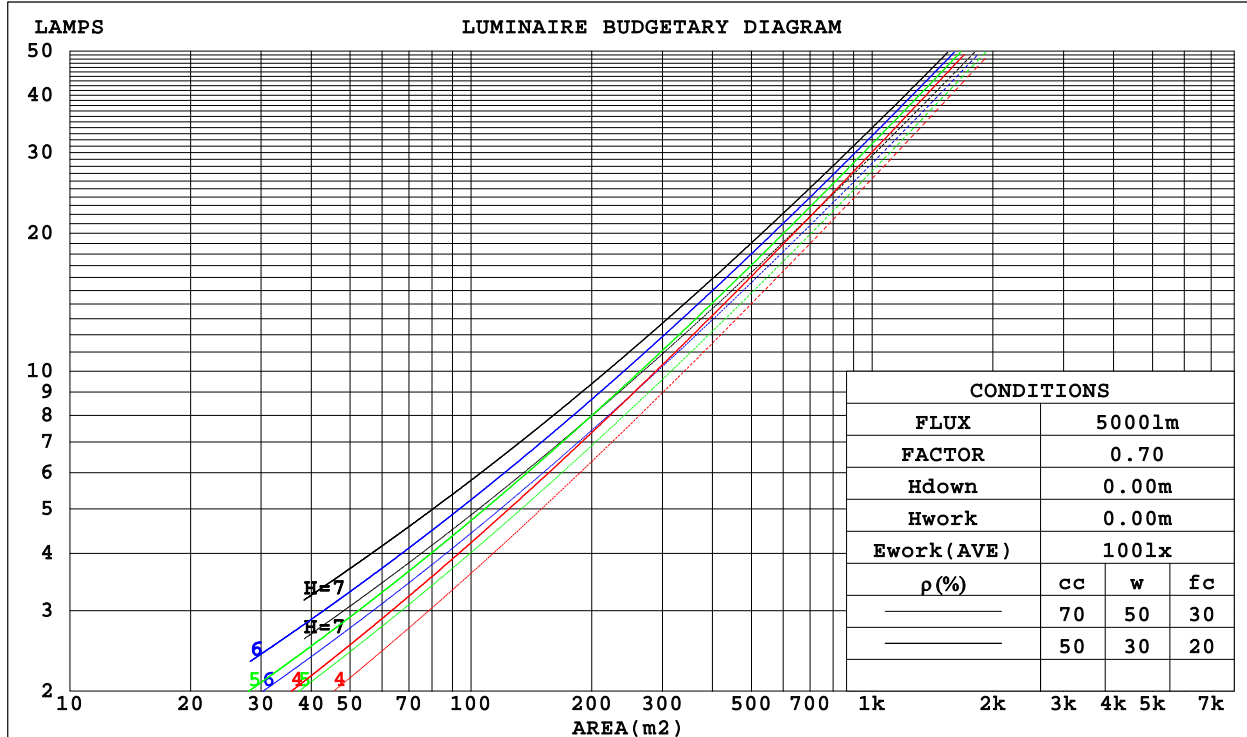
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6寸	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

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	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.80	.79
3.0	.87	.81	.76	.86	.80	.75	.83	.78	.74	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.70	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.59	.71	.64	.58	.69	.63	.58	.67	.61	.57	.65	.60	.57	.55
6.0	.66	.58	.52	.65	.57	.52	.63	.57	.52	.61	.56	.51	.60	.55	.51	.49
7.0	.60	.53	.47	.59	.52	.47	.58	.51	.47	.57	.51	.46	.55	.50	.46	.44
8.0	.56	.48	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.39	.48	.42	.38	.37
10.0	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.35	.45	.39	.35	.34



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6寸	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

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	.232	.132	.042	.225	.128	.041	.212	.122	.039	.200	.115	.037	.189	.110	.035	
2.0	.228	.125	.038	.222	.122	.038	.211	.117	.036	.200	.112	.035	.191	.108	.034	
3.0	.218	.116	.035	.212	.114	.034	.203	.110	.033	.194	.106	.033	.185	.102	.032	
4.0	.206	.107	.032	.202	.106	.031	.193	.102	.031	.185	.099	.030	.177	.096	.029	
5.0	.195	.099	.029	.191	.098	.029	.183	.095	.028	.176	.093	.028	.169	.090	.027	
6.0	.184	.092	.026	.180	.091	.026	.173	.089	.026	.167	.087	.026	.161	.085	.025	
7.0	.174	.086	.024	.170	.085	.024	.164	.083	.024	.159	.081	.024	.153	.080	.023	
8.0	.164	.080	.023	.161	.079	.022	.156	.078	.022	.151	.076	.022	.146	.075	.022	
9.0	.155	.075	.021	.153	.074	.021	.148	.073	.021	.143	.072	.021	.139	.071	.020	
10.0	.147	.071	.020	.145	.070	.020	.141	.069	.019	.136	.068	.019	.132	.067	.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	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.177	.159	.143	.151	.136	.123	.104	.094	.085	.060	.054	.049	.019	.017	.016	
2.0	.166	.134	.108	.142	.116	.093	.097	.080	.065	.056	.047	.038	.018	.015	.012	
3.0	.156	.116	.084	.134	.100	.073	.092	.070	.051	.053	.041	.030	.017	.013	.010	
4.0	.148	.102	.067	.127	.088	.058	.088	.061	.041	.051	.036	.024	.016	.012	.008	
5.0	.141	.091	.055	.121	.079	.047	.083	.055	.034	.048	.032	.020	.016	.011	.007	
6.0	.134	.083	.046	.115	.072	.040	.080	.050	.028	.046	.029	.017	.015	.010	.006	
7.0	.128	.076	.039	.110	.065	.034	.076	.046	.024	.044	.027	.014	.014	.009	.005	
8.0	.122	.070	.034	.105	.060	.029	.073	.042	.021	.042	.025	.012	.014	.008	.004	
9.0	.117	.065	.030	.101	.056	.026	.070	.039	.018	.041	.023	.011	.013	.008	.004	
10.0	.112	.060	.026	.096	.052	.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:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm										
NAME: CP6-D40W-30W-C					TYPE:LED			WEIGHT:		
SPEC.:					DIM.: 6寸			SERIAL No.:1		
MFR.: EVERFINE					SUR.:			PROTECTION 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	29.8	31.1	30.0	31.2	31.4	27.1	28.4	27.3	28.6	28.8
3H	30.1	31.2	30.3	31.5	31.7	27.2	28.4	27.5	28.6	28.8
4H	30.0	31.1	30.3	31.4	31.6	27.2	28.3	27.5	28.5	28.8
6H	29.9	31.0	30.3	31.2	31.5	27.1	28.1	27.4	28.4	28.6
8H	29.9	30.9	30.2	31.2	31.4	27.0	28.0	27.3	28.3	28.6
12H	29.8	30.8	30.2	31.1	31.4	27.0	27.9	27.3	28.2	28.5
4H 2H	29.9	31.0	30.2	31.3	31.5	27.7	28.8	28.0	29.1	29.3
3H	30.3	31.2	30.6	31.5	31.8	28.0	28.9	28.3	29.2	29.5
4H	30.3	31.1	30.6	31.5	31.8	27.9	28.8	28.3	29.1	29.4
6H	30.2	31.0	30.6	31.3	31.7	27.8	28.6	28.2	28.9	29.3
8H	30.2	30.9	30.6	31.2	31.6	27.8	28.5	28.2	28.8	29.2
12H	30.1	30.7	30.5	31.1	31.5	27.7	28.4	28.2	28.8	29.2
8H 4H	30.2	30.9	30.6	31.3	31.6	27.9	28.6	28.3	29.0	29.3
6H	30.1	30.7	30.6	31.1	31.5	27.8	28.4	28.3	28.8	29.2
8H	30.1	30.6	30.5	31.0	31.5	27.8	28.3	28.2	28.7	29.2
12H	30.0	30.5	30.5	30.9	31.4	27.7	28.2	28.2	28.6	29.1
12H 4H	30.2	30.8	30.6	31.2	31.6	27.9	28.5	28.3	28.9	29.3
6H	30.1	30.6	30.5	31.0	31.5	27.8	28.3	28.2	28.7	29.2
8H	30.0	30.5	30.5	30.9	31.4	27.7	28.2	28.2	28.6	29.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 1.0 / - 1.3				
1.5H	+ 0.5 / - 0.9					+ 0.9 / - 1.6				
2.0H	+ 1.4 / - 1.7					+ 1.2 / - 3.4				

CIE Pub.117 Corrected 2949 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

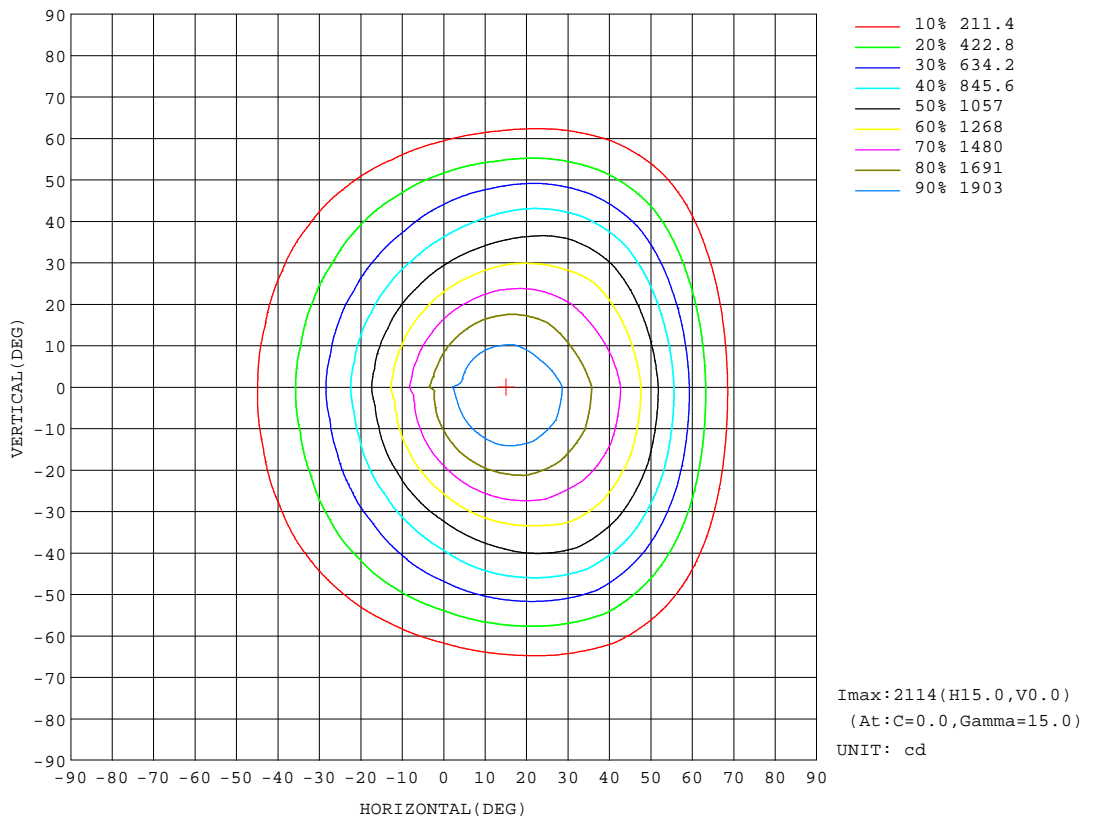
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	67	57	51	67	57	51	66	57	51	46
0.80	77	68	62	77	67	62	75	67	61	56
1.00	85	77	71	84	76	71	82	77	70	64
1.25	92	84	78	91	83	78	88	82	77	71
1.50	96	89	83	95	88	83	92	86	82	76
2.00	102	95	90	100	94	90	97	92	88	82
2.50	104	99	94	103	97	93	99	95	91	84
3.00	107	102	98	105	100	97	101	98	95	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	103	105	103	100	92
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:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6 \downarrow	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



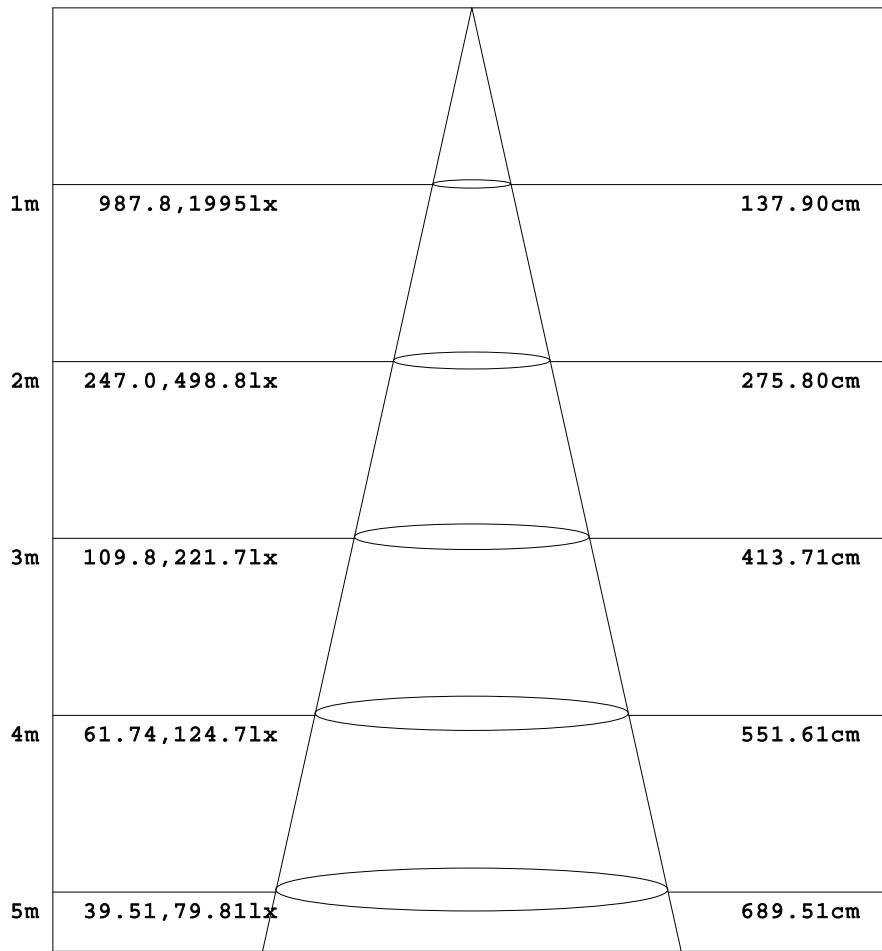
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Flux out:1522 lm



Height Eavg, Emax Angle:69.17deg Diameter

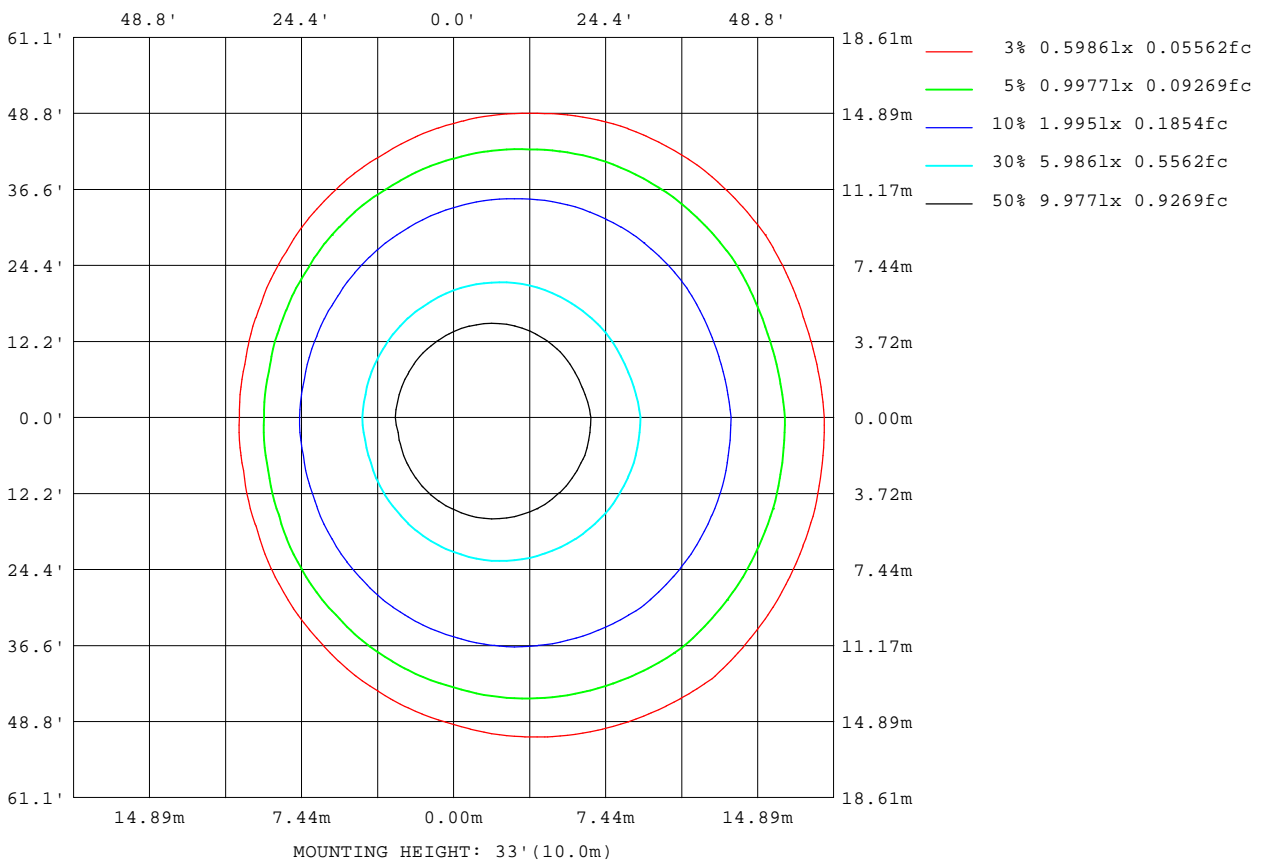
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

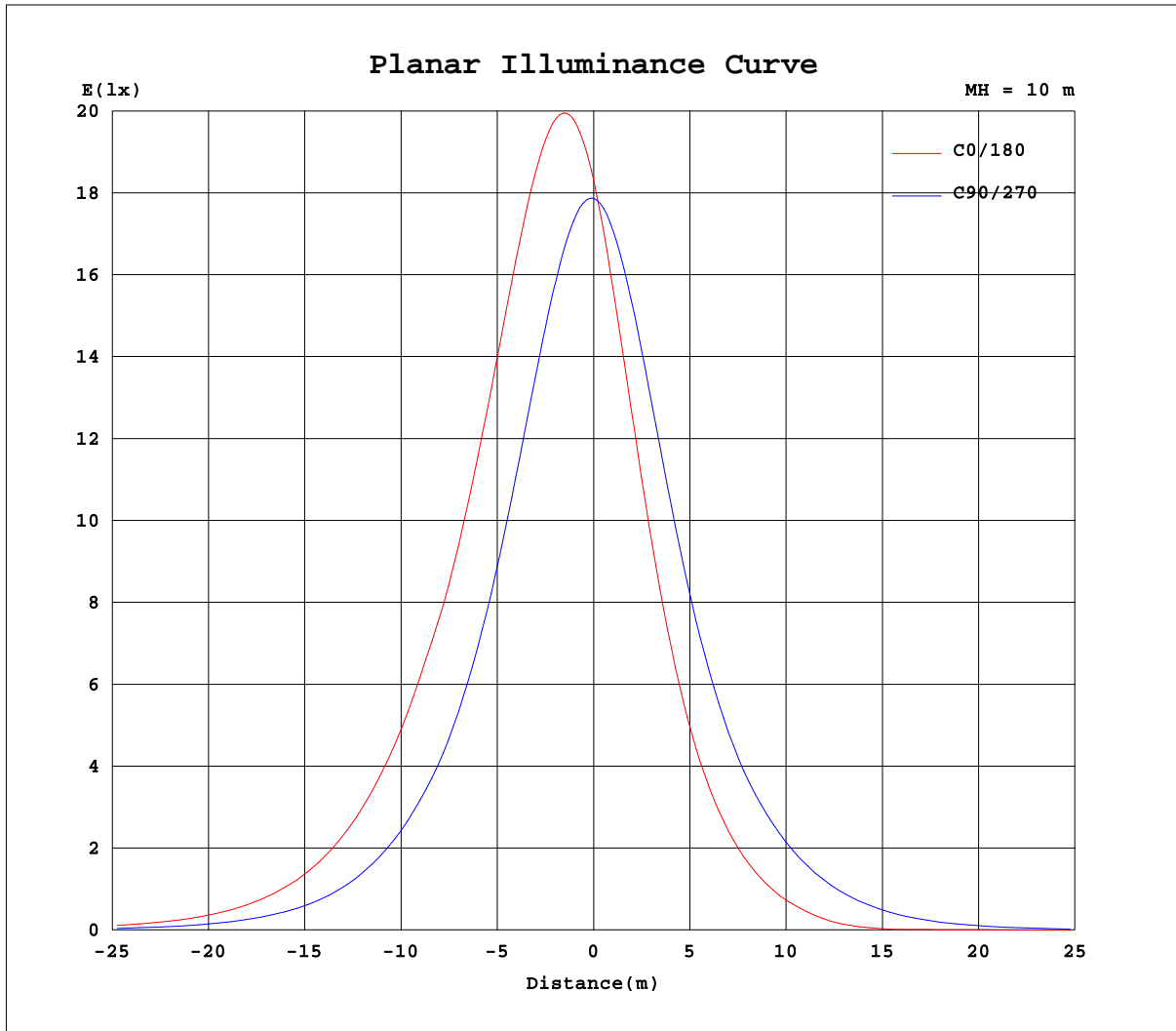
AvgL	cd/m2
L_0~180(65)av	23392
L_0~180(75)av	7480
L_0~180(85)av	575
L_90~270(65)av	15852
L_90~270(75)av	2441
L_90~270(85)av	475
L_45(65)av	21779
L_45(75)av	7803
L_45(85)av	409

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6寸	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

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	1831	1816	1812	1801	1798	1790	1787	1783	1779	1779	1773	1775	1831	1816	1812	1801	1798	1790	1787
5	1988	1971	1948	1911	1870	1821	1770	1723	1674	1638	1602	1587	1627	1614	1626	1640	1672	1703	1746
10	2085	2066	2025	1962	1883	1795	1700	1613	1526	1461	1401	1371	1397	1388	1412	1445	1506	1570	1654
15	2114	2095	2039	1953	1841	1720	1588	1468	1353	1265	1189	1148	1164	1157	1190	1237	1318	1407	1522
20	2080	2061	1994	1892	1755	1608	1449	1305	1170	1069	984	939	944	940	977	1031	1124	1230	1366
25	1993	1977	1903	1791	1636	1470	1293	1136	991	884	797	751	750	748	785	843	939	1052	1200
30	1866	1853	1776	1658	1494	1318	1132	969	823	716	633	588	584	584	620	677	771	886	1036
35	1714	1702	1625	1506	1339	1161	975	814	674	572	493	449	442	443	478	533	624	735	881
40	1572	1556	1472	1343	1180	1007	828	676	544	447	372	329	319	320	355	409	496	602	740
45	1387	1373	1302	1195	1029	860	689	547	426	335	264	221	209	213	245	299	382	480	608
50	1152	1145	1091	1001	849	695	540	415	307	223	151	117	108	112	143	194	266	354	468
55	879	884	851	786	656	523	391	285	192	109	59.2	40.4	34.7	36.7	54.5	91.3	158	231	327
60	593	607	596	563	464	359	254	168	88.4	36.6	13.9	12.4	13.0	12.7	12.7	29.4	69.0	124	197
65	341	355	358	355	290	215	140	80.4	26.6	7.70	7.76	8.13	8.54	8.15	7.82	7.82	19.3	51.3	96.5
70	169	177	183	186	152	106	59.8	25.1	4.82	4.88	5.08	5.49	5.80	5.44	4.94	4.68	4.79	13.2	36.9
75	64.4	68.7	73.8	78.7	61.6	37.6	15.0	3.09	3.04	3.15	3.38	3.74	3.96	3.67	3.23	2.89	2.85	2.75	7.36
80	4.68	5.03	8.38	16.8	8.91	2.59	1.58	1.85	1.91	1.97	2.14	2.41	2.59	2.40	2.06	1.77	1.67	1.59	1.36
85	0.28	0.23	0.30	0.32	0.47	0.63	0.82	0.95	0.95	0.99	1.16	1.36	1.49	1.38	1.13	0.92	0.80	0.77	0.64
90	0.10	0.06	0.10	0.06	0.09	0.06	0.08	0.16	0.21	0.17	0.17	0.15	0.13	0.15	0.15	0.19	0.18	0.16	0.08
95	0.08	0.06	0.08	0.06	0.07	0.07	0.08	0.11	0.16	0.16	0.15	0.18	0.19	0.16	0.19	0.16	0.17	0.13	0.10
100	0.08	0.07	0.07	0.07	0.07	0.10	0.11	0.18	0.23	0.27	0.30	0.32	0.35	0.31	0.35	0.30	0.29	0.20	0.17
105	0.08	0.09	0.07	0.09	0.07	0.15	0.18	0.29	0.37	0.46	0.51	0.55	0.58	0.55	0.58	0.52	0.47	0.34	0.27
110	0.08	0.11	0.08	0.13	0.15	0.24	0.30	0.45	0.55	0.69	0.80	0.87	0.93	0.91	0.91	0.83	0.72	0.56	0.43
115	0.13	0.15	0.14	0.21	0.26	0.38	0.48	0.68	0.83	1.02	1.16	1.26	1.36	1.34	1.30	1.20	1.03	0.81	0.63
120	0.22	0.23	0.23	0.33	0.41	0.56	0.72	0.94	1.15	1.39	1.58	1.70	1.83	1.80	1.73	1.59	1.38	1.12	0.89
125	0.35	0.37	0.38	0.49	0.58	0.77	0.98	1.24	1.50	1.74	1.97	2.16	2.35	2.29	2.18	2.00	1.73	1.44	1.17
130	0.50	0.54	0.55	0.68	0.80	1.02	1.27	1.54	1.86	2.12	2.38	2.65	2.85	2.76	2.61	2.38	2.09	1.76	1.46
135	0.72	0.75	0.78	0.90	1.05	1.28	1.56	1.85	2.18	2.49	2.77	3.04	3.36	3.17	3.02	2.78	2.44	2.09	1.75
140	0.99	1.00	1.04	1.17	1.34	1.57	1.86	2.16	2.51	2.83	3.14	3.36	3.77	3.57	3.40	3.13	2.78	2.43	2.06
145	1.29	1.29	1.35	1.48	1.65	1.87	2.18	2.49	2.84	3.17	3.47	3.65	4.12	3.90	3.73	3.45	3.10	2.74	2.38
150	1.65	1.65	1.69	1.82	2.01	2.21	2.52	2.82	3.17	3.50	3.77	3.96	4.33	4.16	4.00	3.74	3.40	3.05	2.71
155	2.07	2.03	2.08	2.20	2.37	2.57	2.87	3.14	3.46	3.78	4.04	4.23	4.46	4.37	4.22	3.98	3.67	3.35	3.01
160	2.50	2.47	2.52	2.60	2.77	2.94	3.20	3.46	3.73	3.99	4.24	4.40	4.61	4.55	4.40	4.16	3.90	3.61	3.32
165	2.95	2.92	2.96	3.02	3.16	3.31	3.50	3.72	3.95	4.15	4.34	4.48	4.76	4.72	4.58	4.35	4.09	3.85	3.61
170	3.42	3.37	3.38	3.43	3.53	3.65	3.76	3.91	4.05	4.23	4.37	4.47	4.74	4.71	4.60	4.44	4.25	4.04	3.85
175	3.84	3.79	3.80	3.81	3.85	3.88	3.94	4.01	4.08	4.19	4.28	4.32	4.49	4.44	4.43	4.31	4.18	4.07	3.97
180	4.22	4.18	4.13	4.10	4.05	4.03	4.00	4.01	4.02	4.05	4.07	4.09	4.23	4.17	4.14	4.09	4.06	4.01	4.01

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.3250A P:38.91W PF:0.9945 Lamp Flux:2949.08x1 lm		
NAME: CP6-D40W-30W-C	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1783	1779	1779	1773	1775														
5	1788	1830	1868	1896	1917														
10	1737	1821	1896	1957	1998														
15	1637	1759	1865	1955	2016														
20	1505	1653	1784	1899	1973														
25	1354	1520	1668	1798	1882														
30	1196	1371	1529	1667	1757														
35	1040	1216	1375	1517	1608														
40	892	1061	1217	1367	1466														
45	752	917	1073	1203	1290														
50	597	748	887	1000	1068														
55	435	563	678	767	811														
60	281	382	466	527	547														
65	154	223	280	311	314														
70	67.9	110	142	156	156														
75	20.4	41.7	57.9	62.6	59.1														
80	1.09	4.48	9.96	6.38	2.67														
85	0.51	0.36	0.28	0.23	0.25														
90	0.09	0.07	0.09	0.08	0.10														
95	0.08	0.07	0.09	0.07	0.08														
100	0.09	0.09	0.09	0.08	0.09														
105	0.16	0.14	0.09	0.09	0.09														
110	0.28	0.21	0.15	0.11	0.09														
115	0.44	0.33	0.23	0.18	0.15														
120	0.64	0.50	0.38	0.29	0.23														
125	0.88	0.70	0.52	0.43	0.37														
130	1.14	0.93	0.73	0.62	0.51														
135	1.44	1.18	0.96	0.84	0.73														
140	1.73	1.48	1.24	1.11	0.99														
145	2.05	1.78	1.56	1.40	1.30														
150	2.37	2.11	1.90	1.72	1.64														
155	2.71	2.45	2.27	2.10	2.04														
160	3.07	2.83	2.66	2.52	2.47														
165	3.41	3.23	3.11	2.93	2.88														
170	3.75	3.61	3.49	3.36	3.32														
175	3.90	3.85	3.80	3.73	3.71														
180	4.01	4.03	4.05	4.08	4.08														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	1831	1816	1812	1801	1798	1790	1787	1783	1779	1779
3.0	1932	1916	1901	1874	1848	1816	1784	1753	1722	1700
6.0	2014	1995	1969	1927	1877	1820	1760	1703	1647	1604
9.0	2071	2052	2015	1957	1885	1805	1718	1638	1558	1498
12.0	2105	2085	2037	1965	1873	1770	1660	1558	1459	1384
15.0	2114	2095	2039	1953	1841	1720	1588	1468	1353	1265
18.0	2101	2081	2018	1922	1794	1656	1507	1372	1244	1146
21.0	2066	2048	1979	1875	1733	1582	1418	1271	1133	1030
24.0	2014	1997	1924	1813	1661	1499	1324	1169	1025	918.1
27.0	1945	1931	1855	1740	1580	1411	1228	1068	921.3	813.6
30.0	1866	1853	1776	1658	1494	1318	1132	968.9	823.2	716.4
33.0	1777	1764	1687	1569	1402	1224	1037	874.2	731.2	627.0
36.0	1682	1671	1592	1474	1306	1130	943.7	785.2	646.0	545.4
39.0	1597	1584	1500	1375	1211	1036	855.7	701.7	568.3	470.1
42.0	1507	1488	1410	1284	1122	951.4	775.1	625.5	496.8	401.2
45.0	1387	1373	1302	1195	1029	860.2	689.0	547.4	425.7	335.2
48.0	1251	1241	1179	1082	923.3	762.7	600.0	467.8	353.9	268.5
51.0	1099	1094	1044	959.1	811.0	660.8	509.4	388.0	282.6	198.6
54.0	935.4	938.6	899.9	830.0	695.1	557.8	419.8	310.2	213.8	129.8
57.0	764.5	775.0	749.1	697.4	578.2	456.1	333.5	234.8	147.3	73.55
60.0	593.4	606.5	595.6	562.8	463.6	358.9	253.7	168.1	88.42	36.59
63.0	434.0	448.5	448.6	433.9	356.4	269.9	182.5	111.7	46.44	12.36
66.0	299.0	312.3	317.1	316.6	259.0	189.8	120.2	66.34	19.72	7.030
69.0	196.8	205.3	211.6	214.7	176.0	124.5	72.41	33.29	5.258	5.331
72.0	122.4	127.9	133.8	136.3	109.5	74.29	38.30	12.48	3.991	4.073
75.0	64.43	68.74	73.81	78.70	61.60	37.60	14.96	3.086	3.043	3.146
78.0	22.54	24.44	29.28	37.21	25.61	11.92	2.832	2.235	2.302	2.411
81.0	0.5968	0.5268	1.131	9.255	3.318	1.117	1.409	1.653	1.720	1.762
84.0	0.3480	0.3014	0.3797	0.4095	0.5604	0.7251	0.9622	1.139	1.152	1.175
87.0	0.1853	0.1081	0.1450	0.1169	0.2719	0.4185	0.5472	0.5848	0.5703	0.6573
90.0	0.0996	0.0631	0.0994	0.0631	0.0857	0.0631	0.0831	0.0618	0.2083	0.1709
93.0	0.0901	0.0631	0.0812	0.0586	0.0677	0.0631	0.0767	0.0992	0.1173	0.1400
96.0	0.0767	0.0631	0.0722	0.0631	0.0676	0.0767	0.0767	0.1129	0.1534	0.1851
99.0	0.0767	0.0676	0.0722	0.0721	0.0676	0.0992	0.0767	0.1669	0.1890	0.2482
102.0	0.0812	0.0722	0.0722	0.0767	0.0722	0.1218	0.1488	0.2076	0.2389	0.3386
105.0	0.0812	0.0856	0.0722	0.0947	0.0722	0.1535	0.1801	0.2888	0.3691	0.4558
108.0	0.0812	0.0902	0.0722	0.1083	0.1439	0.1942	0.2521	0.3836	0.4862	0.5868
111.0	0.0812	0.1173	0.0811	0.1444	0.1622	0.2618	0.3423	0.4919	0.6348	0.7581
114.0	0.1080	0.1399	0.1352	0.1941	0.2164	0.3520	0.4418	0.6272	0.8020	0.9565
117.0	0.1396	0.1761	0.1622	0.2572	0.3062	0.4512	0.5721	0.7806	0.9555	1.155
120.0	0.2162	0.2301	0.2342	0.3294	0.4142	0.5595	0.7163	0.9429	1.154	1.394
123.0	0.2792	0.3113	0.3108	0.4197	0.5001	0.6858	0.8652	1.114	1.375	1.606
126.0	0.3561	0.3971	0.4189	0.5234	0.6263	0.8256	1.032	1.295	1.569	1.818
129.0	0.4774	0.5009	0.5182	0.6318	0.7524	0.9655	1.203	1.480	1.771	2.052
132.0	0.5814	0.6136	0.6444	0.7670	0.8968	1.119	1.375	1.660	1.965	2.269
135.0	0.7210	0.7490	0.7841	0.9024	1.055	1.281	1.555	1.849	2.177	2.490
138.0	0.8744	0.8933	0.9284	1.056	1.221	1.448	1.722	2.030	2.376	2.706
141.0	1.050	1.060	1.100	1.227	1.406	1.633	1.925	2.219	2.583	2.896
144.0	1.230	1.236	1.280	1.407	1.591	1.809	2.110	2.431	2.777	3.103
147.0	1.424	1.435	1.487	1.619	1.794	2.003	2.322	2.625	2.989	3.306
150.0	1.650	1.647	1.690	1.822	2.006	2.206	2.520	2.819	3.170	3.504
153.0	1.879	1.872	1.925	2.048	2.222	2.418	2.736	3.013	3.354	3.671
156.0	2.141	2.116	2.164	2.282	2.452	2.634	2.939	3.211	3.508	3.824
159.0	2.407	2.382	2.430	2.517	2.691	2.860	3.138	3.401	3.675	3.955
162.0	2.668	2.643	2.709	2.770	2.926	3.094	3.323	3.572	3.828	4.068
165.0	2.948	2.918	2.957	3.022	3.156	3.310	3.503	3.721	3.945	4.149
168.0	3.228	3.189	3.214	3.283	3.390	3.518	3.679	3.847	4.018	4.194
171.0	3.507	3.455	3.458	3.509	3.607	3.703	3.805	3.937	4.076	4.225
174.0	3.751	3.721	3.715	3.739	3.792	3.838	3.905	4.000	4.090	4.225
177.0	4.003	3.960	3.936	3.942	3.945	3.946	3.968	4.018	4.072	4.157
180.0	4.216	4.180	4.126	4.104	4.049	4.027	4.000	4.009	4.018	4.054
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1773	1775	1831	1816	1812	1801	1798	1790	1787	1783
3.0	1675	1666	1713	1700	1705	1709	1729	1744	1770	1793
6.0	1564	1543	1582	1570	1585	1603	1642	1680	1732	1782
9.0	1443	1414	1445	1434	1457	1486	1542	1600	1677	1751
12.0	1316	1281	1304	1295	1324	1363	1433	1508	1606	1702
15.0	1189	1148	1164	1157	1190	1237	1318	1407	1522	1637
18.0	1065	1020	1030	1025	1060	1112	1201	1301	1430	1562
21.0	944.6	898.6	903.5	900.1	937.1	992.5	1086	1194	1333	1476
24.0	832.3	785.5	787.2	784.8	822.2	879.4	975.1	1088	1234	1385
27.0	728.0	681.9	680.4	679.1	715.8	773.5	869.5	984.4	1134	1291
30.0	633.4	587.8	584.0	583.7	619.7	676.9	771.4	886.2	1036	1196

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	546.4	501.8	496.3	496.5	532.0	588.0	680.4	793.0	941.3	1102
36.0	467.0	424.0	415.9	416.7	451.4	506.8	596.6	706.6	851.2	1009
39.0	394.7	351.8	342.0	343.7	378.1	432.8	520.2	627.1	766.6	920.3
42.0	327.0	285.1	272.9	275.8	309.6	364.0	449.6	554.1	688.9	839.4
45.0	263.9	221.3	209.0	213.0	244.6	298.9	381.6	479.6	608.3	752.3
48.0	196.9	157.5	149.0	154.3	185.3	235.4	312.5	404.4	524.9	660.5
51.0	129.7	97.87	88.28	93.28	121.8	174.7	242.8	329.0	440.0	565.0
54.0	73.02	51.14	44.48	47.16	68.34	110.4	178.3	254.3	355.3	466.7
57.0	37.18	23.70	17.69	18.42	33.51	59.70	120.5	185.0	273.0	371.5
60.0	13.88	12.42	12.99	12.70	12.67	29.40	69.01	124.4	196.6	281.1
63.0	9.313	9.624	10.08	9.695	9.526	9.633	33.58	75.34	132.0	200.4
66.0	7.110	7.504	7.890	7.500	7.109	7.037	13.32	41.71	81.43	133.5
69.0	5.511	5.926	6.258	5.888	5.406	5.154	5.346	18.40	46.03	81.22
72.0	4.324	4.723	4.987	4.648	4.163	3.837	3.878	6.111	22.00	45.57
75.0	3.376	3.736	3.956	3.673	3.231	2.888	2.847	2.749	7.361	20.43
78.0	2.600	2.902	3.095	2.857	2.487	2.180	2.086	1.972	1.747	5.056
81.0	1.928	2.190	2.360	2.175	1.856	1.593	1.495	1.408	1.189	0.9435
84.0	1.342	1.558	1.689	1.580	1.315	1.079	0.9630	0.9304	0.7696	0.6098
87.0	0.8135	0.9453	1.039	0.9446	0.7954	0.6236	0.4902	0.4703	0.4179	0.3254
90.0	0.1733	0.1533	0.1311	0.1462	0.1487	0.1950	0.1800	0.1582	0.0767	0.0863
93.0	0.1534	0.1668	0.1759	0.1443	0.1581	0.1398	0.1399	0.1172	0.0947	0.0767
96.0	0.2246	0.2033	0.2123	0.1891	0.2213	0.1936	0.1896	0.1397	0.1130	0.0812
99.0	0.3013	0.2888	0.3071	0.2703	0.3115	0.2747	0.2574	0.1712	0.1490	0.0812
102.0	0.3742	0.3973	0.4244	0.4233	0.4244	0.3785	0.3521	0.2477	0.2032	0.1531
105.0	0.5091	0.5462	0.5824	0.5543	0.5780	0.5228	0.4695	0.3424	0.2708	0.1578
108.0	0.6716	0.7267	0.7721	0.7570	0.7718	0.6983	0.6095	0.4552	0.3611	0.2209
111.0	0.8785	0.9386	1.007	0.9869	0.9749	0.8923	0.7807	0.5905	0.4694	0.2930
114.0	1.086	1.187	1.273	1.235	1.219	1.109	0.9658	0.7482	0.5867	0.4189
117.0	1.343	1.448	1.548	1.523	1.476	1.352	1.169	0.9238	0.7311	0.5183
120.0	1.577	1.701	1.832	1.803	1.728	1.591	1.381	1.118	0.8934	0.6400
123.0	1.807	1.971	2.139	2.105	2.003	1.830	1.597	1.303	1.056	0.7843
126.0	2.064	2.265	2.445	2.394	2.278	2.074	1.800	1.506	1.232	0.9330
129.0	2.312	2.558	2.761	2.678	2.522	2.322	2.012	1.699	1.408	1.095
132.0	2.529	2.806	3.045	2.930	2.783	2.552	2.233	1.893	1.588	1.298
135.0	2.772	3.044	3.360	3.174	3.022	2.777	2.436	2.092	1.755	1.438
138.0	3.007	3.243	3.595	3.417	3.252	2.994	2.643	2.290	1.940	1.605
141.0	3.214	3.428	3.843	3.643	3.464	3.205	2.846	2.484	2.129	1.785
144.0	3.404	3.599	4.055	3.850	3.662	3.390	3.035	2.678	2.323	1.979
147.0	3.598	3.793	4.217	4.017	3.842	3.575	3.225	2.863	2.503	2.169
150.0	3.774	3.960	4.325	4.157	3.996	3.742	3.396	3.048	2.706	2.367
153.0	3.940	4.109	4.384	4.288	4.145	3.891	3.572	3.224	2.882	2.574
156.0	4.085	4.253	4.496	4.405	4.257	4.022	3.716	3.400	3.067	2.786
159.0	4.225	4.374	4.591	4.523	4.370	4.126	3.865	3.557	3.252	3.003
162.0	4.302	4.451	4.677	4.617	4.451	4.220	3.982	3.711	3.441	3.210
165.0	4.342	4.478	4.758	4.717	4.577	4.351	4.091	3.846	3.608	3.413
168.0	4.374	4.487	4.802	4.708	4.609	4.428	4.216	3.963	3.766	3.643
171.0	4.370	4.460	4.716	4.703	4.572	4.442	4.257	4.063	3.887	3.792
174.0	4.302	4.369	4.527	4.528	4.495	4.366	4.225	4.068	3.959	3.873
177.0	4.208	4.234	4.401	4.325	4.293	4.212	4.139	4.049	4.004	3.950
180.0	4.067	4.085	4.230	4.167	4.144	4.090	4.063	4.013	4.009	4.009
G/C	300.0	315.0	330.0	345.0						
0.0	1779	1779	1773	1775						
3.0	1817	1839	1853	1866						
6.0	1833	1878	1913	1938						
9.0	1828	1896	1950	1987						
12.0	1803	1890	1964	2013						
15.0	1759	1865	1955	2016						
18.0	1700	1822	1928	1997						
21.0	1628	1764	1882	1959						
24.0	1548	1694	1822	1904						
27.0	1462	1614	1748	1836						
30.0	1371	1529	1667	1757						
33.0	1278	1437	1578	1669						
36.0	1184	1343	1485	1578						
39.0	1091	1248	1395	1494						
42.0	1006	1162	1307	1401						
45.0	916.9	1073	1203	1290						
48.0	817.8	964.8	1086	1162						
51.0	711.8	846.6	955.5	1020						
54.0	601.0	720.0	814.8	864.1						
57.0	489.3	591.8	670.1	705.9						
60.0	381.8	466.3	526.6	547.4						
63.0	283.2	350.4	392.1	399.8						
66.0	196.6	248.0	275.3	275.6						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

69.0	128.6	164.5	180.8	181.1
72.0	78.18	101.9	112.9	111.2
75.0	41.75	57.94	62.61	59.07
78.0	15.53	25.57	24.35	19.45
81.0	1.103	4.631	0.8022	0.4989
84.0	0.4142	0.3478	0.3013	0.3116
87.0	0.2292	0.1675	0.0857	0.1492
90.0	0.0676	0.0947	0.0766	0.0994
93.0	0.0632	0.0857	0.0766	0.0857
96.0	0.0722	0.0857	0.0677	0.0767
99.0	0.0813	0.0857	0.0722	0.0856
102.0	0.1039	0.0857	0.0768	0.0856
105.0	0.1354	0.0857	0.0947	0.0902
108.0	0.1626	0.0857	0.1037	0.0902
111.0	0.2391	0.1533	0.1219	0.0902
114.0	0.3025	0.2250	0.1670	0.1577
117.0	0.3972	0.2791	0.2212	0.1533
120.0	0.4964	0.3783	0.2889	0.2300
123.0	0.6047	0.4373	0.3834	0.2931
126.0	0.7490	0.5678	0.4649	0.3788
129.0	0.8755	0.7164	0.5822	0.5179
132.0	1.029	0.8116	0.7039	0.6174
135.0	1.182	0.9558	0.8393	0.7350
138.0	1.353	1.132	0.9971	0.9061
141.0	1.538	1.298	1.151	1.081
144.0	1.719	1.505	1.331	1.226
147.0	1.913	1.681	1.534	1.442
150.0	2.111	1.902	1.719	1.636
153.0	2.314	2.123	1.949	1.875
156.0	2.526	2.353	2.183	2.119
159.0	2.774	2.579	2.432	2.385
162.0	2.973	2.858	2.689	2.624
165.0	3.234	3.111	2.932	2.881
168.0	3.496	3.363	3.180	3.151
171.0	3.671	3.517	3.433	3.399
174.0	3.802	3.738	3.662	3.638
177.0	3.941	3.905	3.870	3.873
180.0	4.027	4.054	4.076	4.076

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-07-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks: