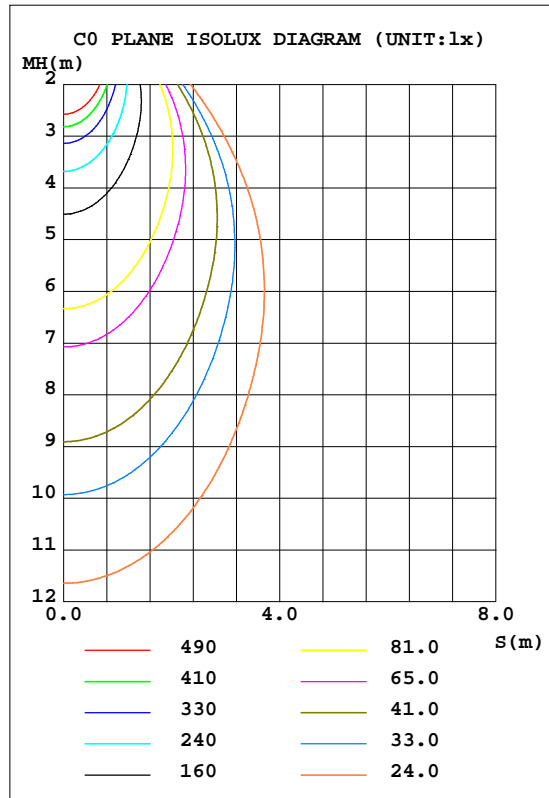
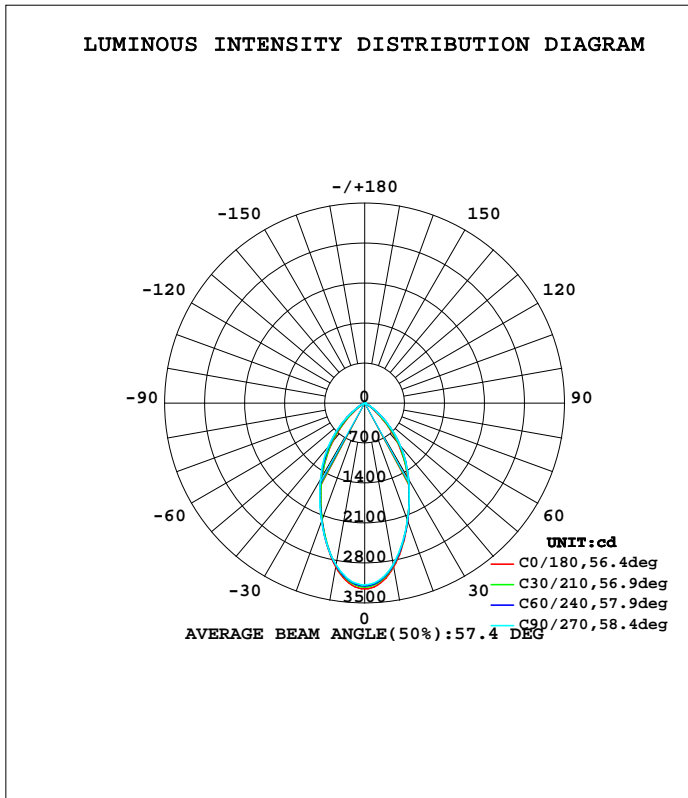


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6寸	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.84 lm/W			
MODEL	CP6-D40W-40T(4000K)	I _{max} (cd)	3253	S/MH(C0/180)	0.81
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.83
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3328.0	η UP, DN(C0-180)	0.1,49.9
NOMINAL FLUX(lm)	3328	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,49.8
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	99.7	CIBSE SHR MAX	0.90



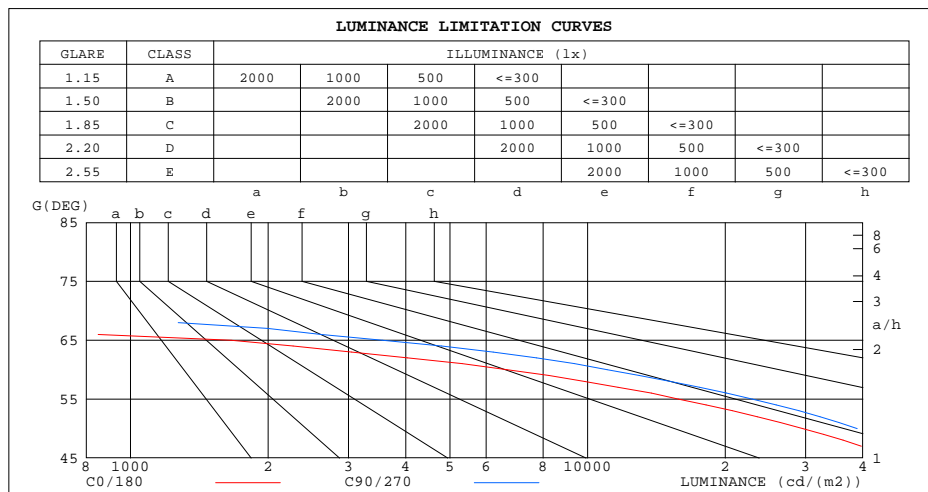
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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	2916	2896	2871	2857	2912	2879	2879	2847	0- 10	289.3	289.3	8.69,8.69
20	2201	2209	2188	2161	2186	2173	2203	2164	10- 20	708.6	997.9	30,30
30	1521	1544	1542	1506	1498	1511	1552	1516	20- 30	842.1	1840	55.3,55.3
40	891.0	956.2	972.7	929.2	869.3	928.2	987.2	941.9	30- 40	760.8	2601	78.1,78.1
50	335.4	424.5	441.2	395.6	321.0	402.9	451.4	401.2	40- 50	500.0	3101	93.2,93.2
60	58.83	91.82	97.54	78.63	54.01	80.69	104.7	80.35	50- 60	188.9	3290	98.8,98.8
70	3.285	2.050	1.504	1.915	3.235	2.035	1.621	2.036	60- 70	27.06	3317	99.7,99.7
80	1.606	0.8562	0.5011	0.8066	1.591	0.8574	0.4999	0.8304	70- 80	1.566	3318	99.7,99.7
90	0.1094	0.0676	0.0949	0.0811	0.0721	0.1087	0.0767	0.1179	80- 90	0.6113	3319	99.7,99.7
100	0.0902	0.0812	0.0857	0.0992	0.0993	0.0857	0.0993	0.0812	90-100	0.0942	3319	99.7,99.7
110	0.1532	0.2302	0.2208	0.2212	0.1986	0.2208	0.2438	0.2070	100-110	0.1409	3319	99.7,99.7
120	0.5046	0.6317	0.6711	0.6273	0.5778	0.6532	0.6951	0.5947	110-120	0.3809	3320	99.7,99.7
130	1.262	1.372	1.496	1.403	1.359	1.451	1.507	1.379	120-130	0.8752	3320	99.8,99.8
140	2.366	2.405	2.542	2.450	2.455	2.515	2.549	2.425	130-140	1.465	3322	99.8,99.8
150	3.683	3.717	3.809	3.735	3.735	3.814	3.785	3.719	140-150	1.919	3324	99.9,99.9
160	5.157	5.110	5.117	5.088	5.184	5.131	5.097	5.036	150-160	2.030	3326	99.9,99.9
170	6.245	6.183	6.145	6.160	6.273	6.173	6.147	6.082	160-170	1.599	3327	100,100
180	6.732	6.710	6.593	6.620	6.755	6.687	6.606	6.615	170-180	0.6087	3328	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	742	162
80	524	163
75	497	189
70	544	249
65	1661	3557
60	6661	11045
55	15820	22953
50	29545	38863
45	47042	55891

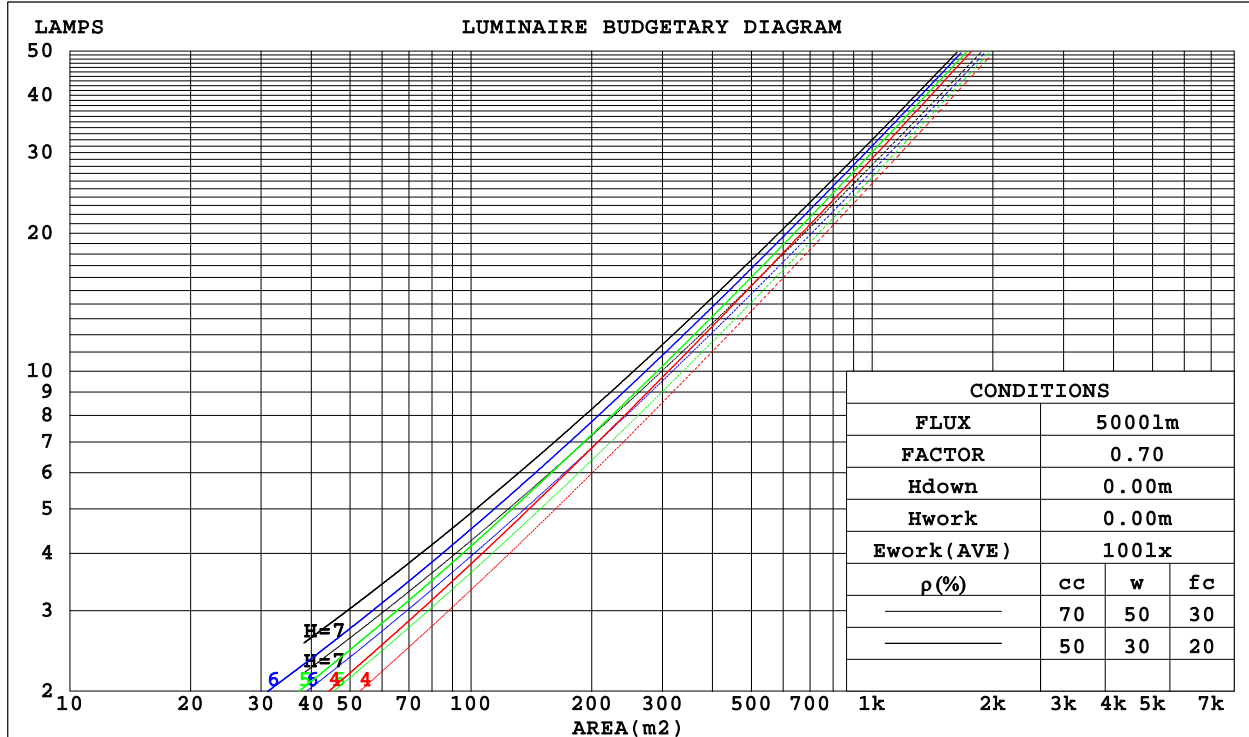
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	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	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.96	.92	.99	.95	.91	.96	.92	.89	.93	.90	.87	.90	.87	.85	.84
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.81	.86	.82	.79	.84	.81	.78	.76
4.0	.85	.79	.74	.84	.78	.74	.82	.77	.73	.80	.76	.72	.78	.74	.71	.70
5.0	.79	.72	.67	.78	.72	.67	.76	.71	.67	.74	.70	.66	.73	.69	.65	.64
6.0	.73	.66	.62	.72	.66	.61	.71	.65	.61	.69	.64	.60	.68	.63	.60	.58
7.0	.68	.61	.57	.67	.61	.56	.66	.60	.56	.65	.60	.56	.63	.59	.55	.54
8.0	.63	.57	.52	.63	.56	.52	.62	.56	.52	.61	.55	.52	.59	.55	.51	.50
9.0	.59	.53	.48	.59	.53	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.49	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.53	.48	.44	.43



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	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	.197	.112	.036	.190	.109	.034	.177	.102	.033	.166	.096	.031	.155	.090	.029	
2.0	.192	.105	.032	.186	.103	.032	.175	.097	.030	.165	.093	.029	.156	.088	.028	
3.0	.184	.098	.029	.179	.096	.029	.170	.092	.028	.161	.088	.027	.153	.085	.026	
4.0	.176	.091	.027	.172	.090	.027	.163	.087	.026	.156	.084	.025	.149	.081	.025	
5.0	.168	.085	.025	.164	.084	.024	.157	.081	.024	.150	.079	.024	.143	.077	.023	
6.0	.160	.080	.023	.156	.079	.023	.150	.077	.022	.144	.075	.022	.138	.073	.022	
7.0	.152	.075	.021	.149	.074	.021	.143	.072	.021	.138	.071	.021	.133	.069	.020	
8.0	.145	.071	.020	.142	.070	.020	.137	.069	.020	.132	.067	.019	.128	.066	.019	
9.0	.138	.067	.019	.136	.066	.019	.131	.065	.018	.127	.064	.018	.123	.062	.018	
10.0	.132	.063	.018	.130	.063	.018	.126	.062	.017	.122	.060	.017	.118	.059	.017	

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	.175	.159	.145	.149	.137	.125	.102	.094	.087	.059	.054	.050	.019	.018	.016	
2.0	.161	.135	.112	.138	.116	.097	.095	.080	.068	.055	.047	.040	.017	.015	.013	
3.0	.150	.116	.089	.129	.100	.077	.088	.069	.054	.051	.041	.032	.016	.013	.010	
4.0	.141	.101	.071	.121	.088	.062	.083	.061	.044	.048	.036	.026	.015	.012	.008	
5.0	.133	.090	.059	.114	.078	.051	.079	.055	.036	.046	.032	.021	.015	.010	.007	
6.0	.126	.081	.049	.108	.070	.043	.075	.049	.030	.043	.029	.018	.014	.009	.006	
7.0	.120	.074	.042	.103	.064	.036	.071	.045	.026	.041	.026	.015	.013	.009	.005	
8.0	.114	.068	.036	.098	.059	.031	.068	.041	.022	.040	.024	.013	.013	.008	.004	
9.0	.109	.063	.032	.094	.055	.028	.065	.038	.020	.038	.023	.012	.012	.007	.004	
10.0	.105	.059	.028	.090	.051	.024	.062	.036	.017	.036	.021	.010	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm										
NAME: CP6-D40W-40T(4000K)					TYPE:LED			WEIGHT:		
SPEC.:					DIM.: 6°			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	22.2	23.3	22.4	23.4	23.6	23.0	24.1	23.2	24.3	24.4
3H	22.0	23.0	22.3	23.2	23.4	22.8	23.8	23.1	24.0	24.2
4H	21.9	22.8	22.2	23.1	23.3	22.7	23.7	23.0	23.9	24.1
6H	21.8	22.7	22.1	22.9	23.2	22.6	23.5	22.9	23.8	24.0
8H	21.8	22.6	22.1	22.9	23.1	22.6	23.4	22.9	23.7	24.0
12H	21.7	22.5	22.0	22.8	23.1	22.5	23.3	22.9	23.6	23.9
4H 2H	22.0	22.9	22.3	23.2	23.4	22.8	23.7	23.1	24.0	24.2
3H	21.8	22.6	22.1	22.9	23.2	22.6	23.4	22.9	23.7	24.0
4H	21.7	22.5	22.1	22.8	23.1	22.5	23.2	22.9	23.5	23.9
6H	21.6	22.3	22.0	22.6	23.0	22.4	23.1	22.8	23.4	23.8
8H	21.6	22.2	22.0	22.5	22.9	22.4	23.0	22.8	23.3	23.7
12H	21.5	22.1	22.0	22.5	22.8	22.3	22.9	22.7	23.2	23.6
8H 4H	21.6	22.2	22.0	22.5	22.9	22.4	23.0	22.8	23.3	23.7
6H	21.5	22.0	21.9	22.4	22.8	22.3	22.8	22.7	23.2	23.6
8H	21.4	21.9	21.9	22.3	22.7	22.2	22.6	22.7	23.1	23.5
12H	21.4	21.7	21.9	22.2	22.7	22.2	22.5	22.6	23.0	23.5
12H 4H	21.5	22.1	21.9	22.4	22.8	22.3	22.9	22.7	23.2	23.6
6H	21.4	21.9	21.9	22.3	22.7	22.2	22.6	22.7	23.1	23.5
8H	21.4	21.7	21.9	22.2	22.7	22.2	22.5	22.6	23.0	23.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.2 / - 6.8					+ 2.0 / - 5.0				
1.5H	+ 2.2 / - 3.7					+ 1.8 / - 3.1				
2.0H	+ 4.6 / -11.5					+ 4.4 / - 9.5				

CIE Pub.117 Corrected 3328 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.2)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

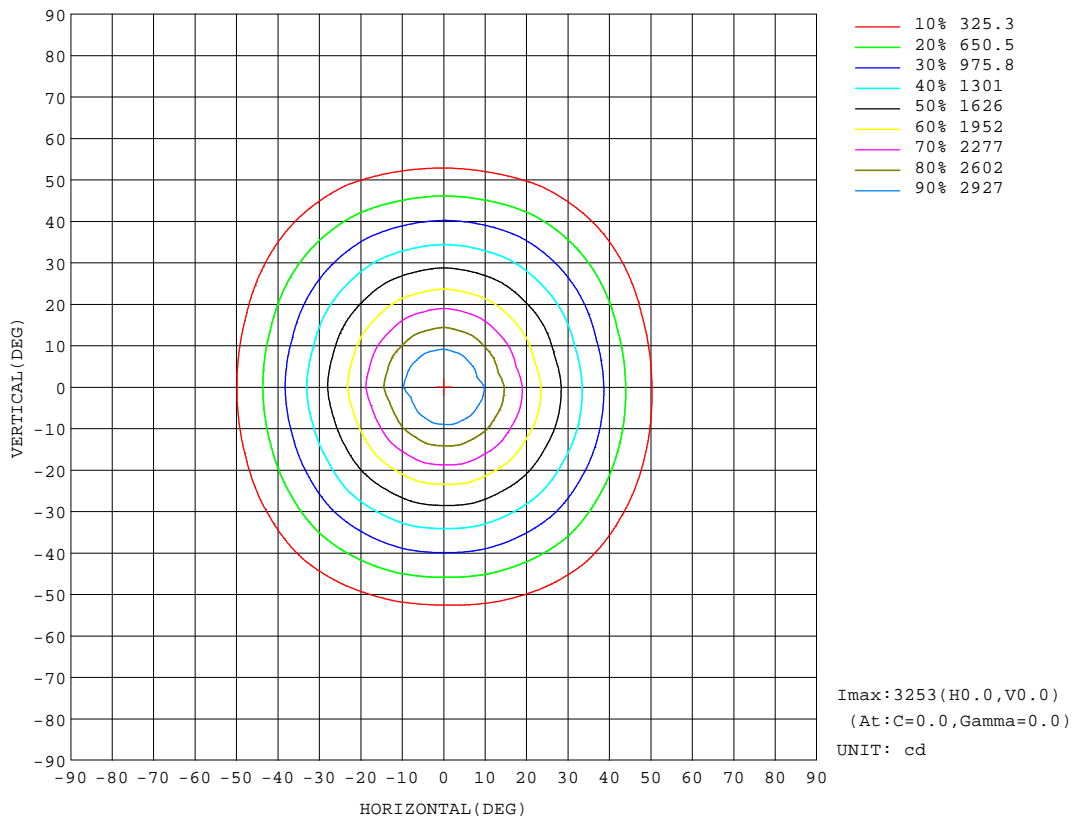
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	77	69	64	77	69	64	76	69	64	60
0.80	86	79	74	86	79	74	84	78	74	69
1.00	93	86	81	92	86	81	90	86	81	76
1.25	98	92	88	97	91	87	95	90	86	81
1.50	102	96	92	100	95	91	98	94	90	85
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	103	100	97	90
3.00	110	106	102	108	104	101	104	102	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	113	111	108	111	109	107	107	105	103	95
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:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



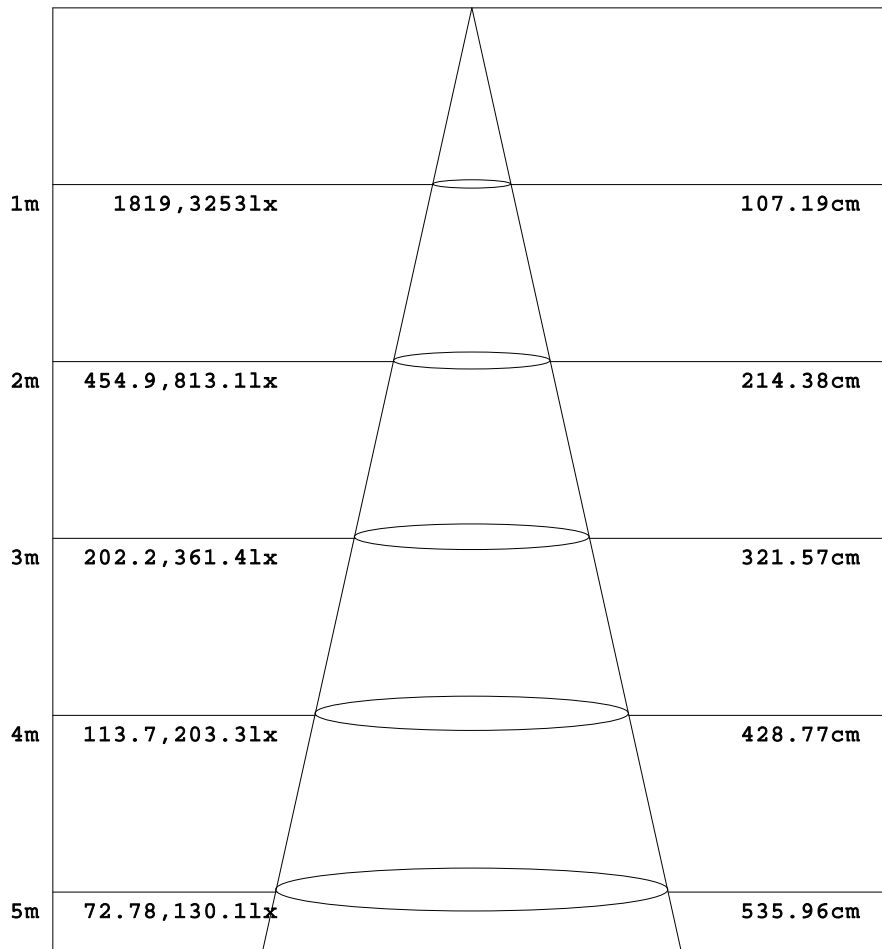
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Flux out:1756 lm



Height Eavg, Emax Angle:56.38deg Diameter

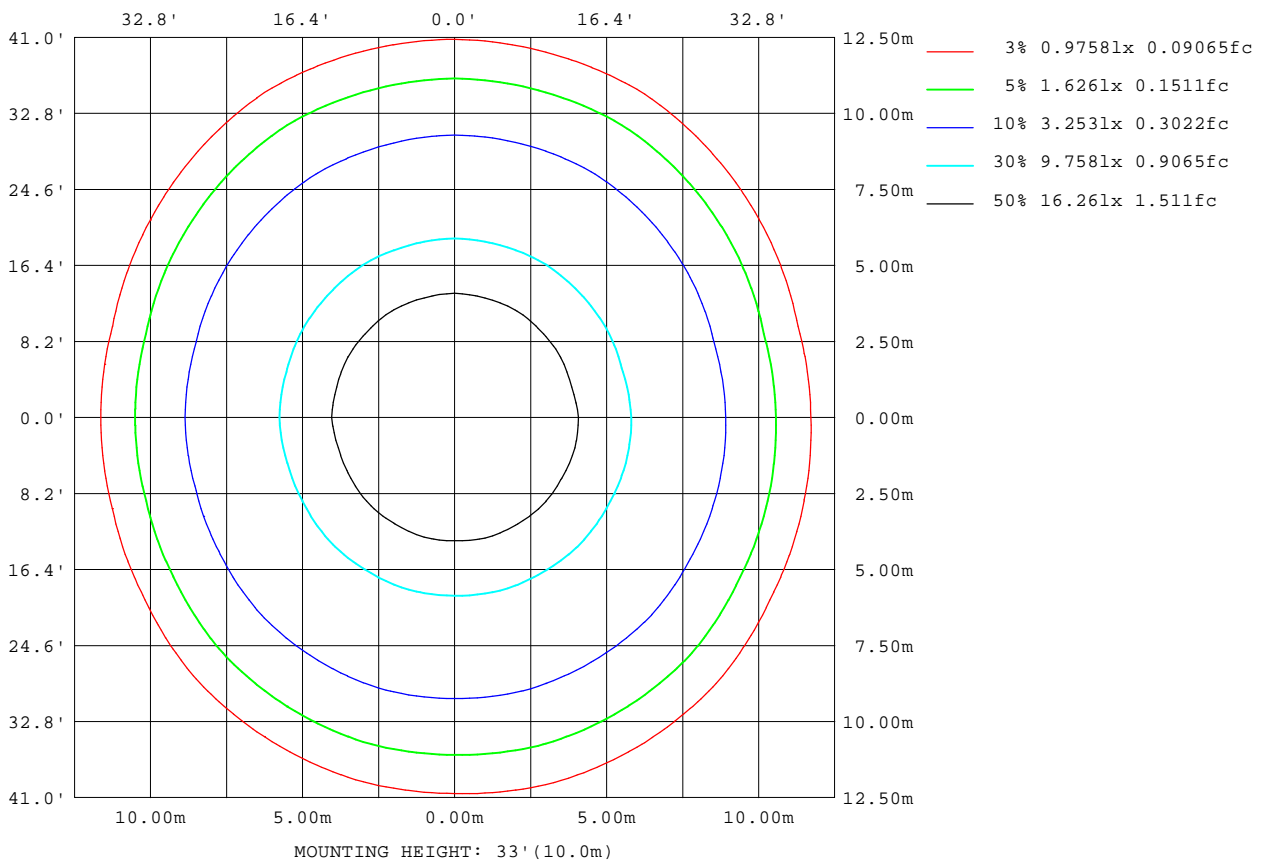
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	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:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 6°	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

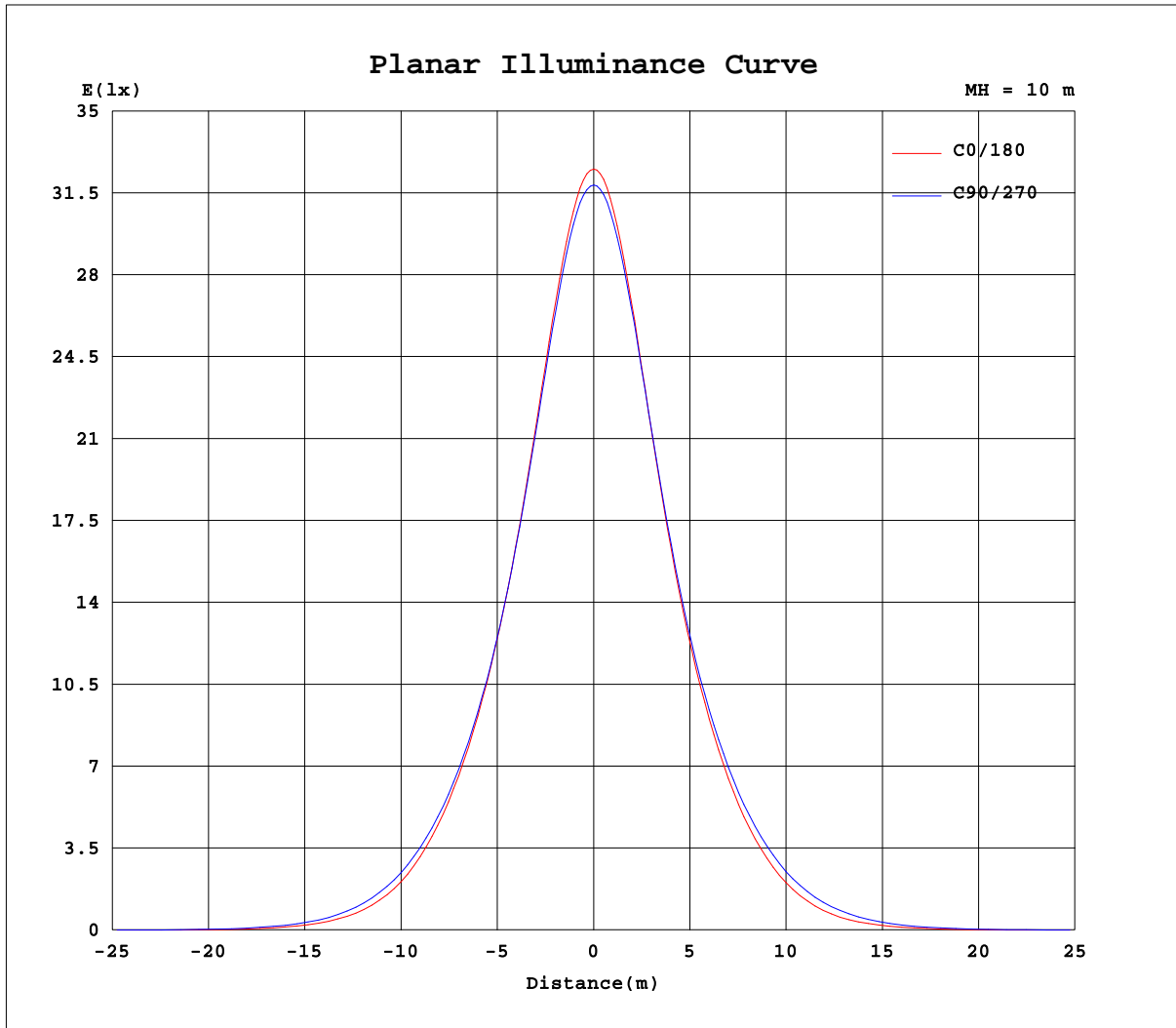
AvgL	cd/m2
L_0~180(65)av	1668
L_0~180(75)av	496
L_0~180(85)av	738
L_90~270(65)av	3814
L_90~270(75)av	195
L_90~270(85)av	152
L_45(65)av	2798
L_45(75)av	284
L_45(85)av	331

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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: 2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	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	3253	3235	3220	3210	3200	3192	3184	3179	3174	3170	3166	3163	3253	3235	3220	3210	3200	3192	3184
5	3163	3151	3133	3128	3115	3113	3102	3101	3088	3088	3077	3078	3163	3141	3134	3120	3118	3105	3105
10	2916	2912	2893	2896	2881	2886	2871	2873	2854	2857	2832	2838	2912	2888	2892	2879	2887	2874	2879
15	2574	2578	2558	2570	2553	2564	2543	2549	2521	2520	2492	2496	2564	2538	2553	2540	2560	2546	2560
20	2201	2209	2192	2209	2196	2210	2188	2193	2163	2161	2130	2132	2186	2163	2180	2173	2197	2187	2203
25	1848	1855	1843	1862	1854	1868	1850	1854	1825	1819	1787	1786	1826	1807	1826	1826	1851	1846	1861
30	1521	1528	1523	1544	1542	1555	1542	1543	1518	1506	1475	1467	1498	1481	1502	1511	1538	1538	1552
35	1204	1214	1218	1246	1251	1264	1253	1255	1231	1215	1177	1161	1180	1168	1195	1216	1248	1251	1267
40	891	905	919	956	966	981	973	975	952	929	883	859	869	863	897	928	964	972	987
45	588	606	629	677	692	706	698	699	674	648	598	571	574	574	614	653	690	697	709
50	335	354	377	424	444	454	441	440	418	396	349	324	321	323	361	403	442	446	451
55	160	174	192	223	236	241	233	229	214	196	168	151	149	153	175	205	236	240	241
60	58.8	66.2	75.3	91.8	98.9	103	97.5	97.6	89.1	78.6	63.8	55.8	54.0	54.7	67.4	80.7	97.8	102	105
65	12.4	14.4	16.3	22.9	26.7	28.6	26.6	27.3	24.6	20.1	14.7	13.3	12.5	12.6	15.6	19.7	27.3	28.6	30.4
70	3.29	3.16	2.61	2.05	1.71	1.57	1.50	1.52	1.64	1.91	2.42	2.95	3.24	2.97	2.50	2.04	1.78	1.67	1.62
75	2.27	2.21	1.79	1.32	1.06	0.91	0.86	0.87	1.03	1.24	1.66	2.05	2.26	2.06	1.67	1.33	1.08	0.99	0.92
80	1.61	1.57	1.27	0.86	0.68	0.51	0.50	0.50	0.65	0.81	1.17	1.45	1.59	1.47	1.16	0.86	0.66	0.60	0.50
85	1.14	1.14	0.89	0.51	0.39	0.30	0.25	0.24	0.37	0.51	0.82	1.02	1.13	1.02	0.74	0.51	0.37	0.32	0.22
90	0.11	0.09	0.10	0.07	0.15	0.09	0.09	0.08	0.13	0.08	0.10	0.09	0.07	0.11	0.08	0.11	0.09	0.13	0.08
95	0.09	0.09	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.08	0.09	0.09	0.06	0.09	0.08	0.09	0.08	0.09	0.08
100	0.09	0.10	0.09	0.08	0.09	0.11	0.09	0.11	0.09	0.10	0.09	0.10	0.10	0.09	0.10	0.09	0.10	0.09	0.10
105	0.09	0.13	0.10	0.14	0.16	0.16	0.14	0.16	0.13	0.14	0.10	0.13	0.13	0.09	0.14	0.15	0.14	0.16	0.15
110	0.15	0.20	0.17	0.23	0.23	0.25	0.22	0.25	0.21	0.22	0.21	0.20	0.20	0.17	0.22	0.22	0.25	0.22	0.24
115	0.29	0.32	0.32	0.38	0.38	0.42	0.44	0.42	0.38	0.38	0.36	0.33	0.34	0.33	0.38	0.37	0.42	0.43	0.42
120	0.50	0.55	0.59	0.63	0.67	0.69	0.67	0.69	0.65	0.63	0.57	0.56	0.58	0.58	0.62	0.65	0.69	0.67	0.70
125	0.84	0.86	0.89	0.97	1.00	1.04	1.04	1.05	1.01	0.97	0.93	0.89	0.92	0.92	0.97	1.00	1.04	1.05	1.06
130	1.26	1.28	1.31	1.37	1.43	1.48	1.50	1.48	1.45	1.40	1.35	1.30	1.36	1.36	1.40	1.45	1.48	1.50	1.51
135	1.78	1.76	1.80	1.85	1.92	1.96	2.00	1.97	1.95	1.89	1.85	1.79	1.87	1.87	1.92	1.95	1.98	2.00	1.99
140	2.37	2.35	2.37	2.40	2.49	2.49	2.54	2.51	2.51	2.45	2.42	2.35	2.45	2.45	2.48	2.52	2.53	2.56	2.55
145	3.01	2.99	3.00	3.03	3.12	3.10	3.16	3.13	3.13	3.07	3.05	2.96	3.07	3.08	3.09	3.14	3.14	3.17	3.14
150	3.68	3.65	3.71	3.72	3.78	3.74	3.81	3.77	3.78	3.74	3.72	3.63	3.74	3.75	3.75	3.81	3.80	3.81	3.78
155	4.40	4.38	4.42	4.42	4.47	4.44	4.47	4.45	4.45	4.43	4.42	4.34	4.45	4.46	4.46	4.49	4.49	4.48	4.44
160	5.16	5.11	5.11	5.11	5.19	5.18	5.12	5.13	5.19	5.09	5.10	5.03	5.18	5.24	5.22	5.13	5.12	5.12	5.10
165	5.81	5.74	5.71	5.75	5.75	5.74	5.69	5.73	5.75	5.73	5.75	5.66	5.86	5.84	5.81	5.70	5.68	5.70	5.67
170	6.24	6.22	6.17	6.18	6.21	6.19	6.15	6.13	6.16	6.16	6.13	6.15	6.27	6.27	6.22	6.17	6.14	6.16	6.15
175	6.56	6.54	6.51	6.54	6.53	6.49	6.46	6.45	6.44	6.47	6.47	6.44	6.60	6.56	6.58	6.54	6.49	6.46	6.45
180	6.73	6.74	6.69	6.71	6.65	6.62	6.59	6.60	6.62	6.62	6.60	6.58	6.76	6.70	6.71	6.69	6.67	6.61	6.61

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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:120.3V I:0.3241A P:38.77W PF:0.9948 Lamp Flux:3328x1 lm		
NAME: CP6-D40W-40T(4000K)	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	3179	3174	3170	3166	3163														
5	3094	3093	3083	3083	3074														
10	2863	2866	2847	2854	2835														
15	2540	2545	2520	2524	2502														
20	2185	2190	2164	2166	2142														
25	1847	1850	1824	1822	1799														
30	1540	1541	1516	1507	1483														
35	1257	1255	1227	1208	1178														
40	980	976	942	912	873														
45	702	697	660	622	580														
50	442	437	401	365	330														
55	235	227	200	177	157														
60	101	96.3	80.4	69.7	58.3														
65	28.9	27.8	20.9	15.7	12.1														
70	1.67	1.79	2.04	2.46	2.89														
75	0.98	1.07	1.30	1.60	1.97														
80	0.57	0.64	0.83	1.05	1.35														
85	0.30	0.32	0.51	0.67	0.92														
90	0.10	0.08	0.12	0.07	0.10														
95	0.08	0.07	0.08	0.08	0.09														
100	0.08	0.09	0.08	0.09	0.09														
105	0.13	0.14	0.09	0.12	0.09														
110	0.20	0.23	0.21	0.19	0.14														
115	0.40	0.40	0.36	0.34	0.28														
120	0.67	0.66	0.59	0.57	0.52														
125	1.04	1.02	0.94	0.90	0.85														
130	1.48	1.44	1.38	1.32	1.27														
135	1.97	1.93	1.88	1.81	1.77														
140	2.52	2.48	2.42	2.36	2.34														
145	3.14	3.09	3.04	2.95	2.96														
150	3.78	3.73	3.72	3.61	3.60														
155	4.47	4.44	4.41	4.32	4.30														
160	5.10	5.07	5.04	5.07	5.05														
165	5.69	5.65	5.61	5.64	5.64														
170	6.16	6.12	6.08	6.05	6.07														
175	6.45	6.47	6.46	6.41	6.38														
180	6.59	6.62	6.62	6.61	6.57														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-07-14

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	3253	3235	3220	3210	3200	3192	3184	3179	3174	3170
3.0	3219	3205	3189	3180	3169	3164	3153	3151	3142	3141
6.0	3124	3113	3096	3091	3079	3077	3066	3065	3053	3051
9.0	2976	2970	2951	2953	2938	2942	2927	2929	2911	2909
12.0	2787	2790	2767	2776	2757	2768	2747	2754	2727	2730
15.0	2574	2578	2558	2570	2553	2564	2543	2549	2521	2520
18.0	2351	2356	2338	2354	2338	2351	2331	2335	2306	2304
21.0	2128	2134	2120	2136	2125	2138	2118	2122	2093	2089
24.0	1915	1922	1909	1928	1918	1933	1914	1918	1889	1884
27.0	1714	1720	1710	1730	1724	1738	1721	1725	1697	1689
30.0	1521	1528	1523	1544	1542	1555	1542	1543	1518	1506
33.0	1327	1339	1335	1364	1363	1379	1365	1369	1341	1331
36.0	1142	1152	1158	1188	1194	1207	1197	1199	1176	1158
39.0	953.0	965.8	979.7	1014	1023	1037	1031	1030	1008	985.7
42.0	766.1	781.8	801.0	842.8	853.9	869.6	861.1	863.5	839.6	814.8
45.0	587.5	605.7	629.0	677.3	691.5	706.0	698.0	698.9	674.3	647.8
48.0	427.8	446.0	471.0	520.9	538.8	550.6	540.4	539.3	516.8	491.2
51.0	293.7	311.0	333.7	378.7	397.9	407.4	394.1	391.8	372.1	350.3
54.0	188.5	203.1	222.8	259.4	273.3	281.0	268.6	267.3	249.2	229.8
57.0	112.1	123.8	138.9	162.3	171.7	176.6	169.2	167.2	154.6	139.4
60.0	58.83	66.19	75.27	91.82	98.91	102.8	97.54	97.58	89.09	78.63
63.0	24.45	27.25	32.14	44.43	50.41	52.95	49.85	50.36	45.81	38.27
66.0	6.110	5.892	10.54	15.63	18.43	19.90	18.78	19.40	17.43	14.31
69.0	3.543	3.416	2.826	2.271	2.014	2.003	1.797	1.994	1.947	2.149
72.0	2.826	2.731	2.230	1.712	1.409	1.248	1.192	1.212	1.346	1.595
75.0	2.270	2.209	1.792	1.320	1.057	0.9146	0.8624	0.8742	1.029	1.239
78.0	1.837	1.785	1.471	1.018	0.8081	0.6577	0.6232	0.6352	0.7809	0.9777
81.0	1.503	1.465	1.187	0.7842	0.6005	0.4687	0.4470	0.4416	0.5913	0.7390
84.0	1.223	1.208	0.9524	0.5721	0.4290	0.3021	0.2981	0.2837	0.4200	0.5587
87.0	0.7879	0.8798	0.6737	0.3646	0.2892	0.1802	0.1762	0.1396	0.2757	0.4411
90.0	0.1094	0.0856	0.1000	0.0676	0.1537	0.0946	0.0949	0.0767	0.1312	0.0811
93.0	0.0903	0.0812	0.0902	0.0677	0.0947	0.0812	0.0857	0.0767	0.0902	0.0767
96.0	0.0902	0.0857	0.0857	0.0767	0.0947	0.0903	0.0857	0.0857	0.0857	0.0812
99.0	0.0902	0.0903	0.0857	0.0812	0.0947	0.0993	0.0857	0.0993	0.0857	0.0992
102.0	0.0902	0.1128	0.0857	0.0993	0.0947	0.1218	0.0857	0.1173	0.0857	0.1038
105.0	0.0902	0.1263	0.1036	0.1399	0.1576	0.1624	0.1353	0.1580	0.1306	0.1354
108.0	0.1351	0.1536	0.1398	0.1806	0.1623	0.1987	0.1667	0.1987	0.1576	0.1806
111.0	0.2024	0.2166	0.2249	0.2528	0.2389	0.2798	0.2611	0.2753	0.2297	0.2527
114.0	0.2790	0.2978	0.3021	0.3475	0.3779	0.3881	0.3603	0.3836	0.3467	0.3431
117.0	0.3650	0.4018	0.4320	0.4785	0.5085	0.5280	0.4909	0.5235	0.4908	0.4649
120.0	0.5046	0.5460	0.5851	0.6317	0.6664	0.6859	0.6711	0.6904	0.6485	0.6273
123.0	0.7027	0.7221	0.7481	0.8303	0.8607	0.8890	0.8830	0.8845	0.8515	0.8213
126.0	0.9280	0.9342	0.9597	1.056	1.090	1.128	1.135	1.128	1.090	1.051
129.0	1.180	1.191	1.217	1.290	1.374	1.385	1.401	1.394	1.365	1.304
132.0	1.460	1.471	1.501	1.561	1.636	1.656	1.681	1.669	1.640	1.601
135.0	1.784	1.764	1.803	1.850	1.924	1.962	1.996	1.972	1.947	1.886
138.0	2.118	2.120	2.145	2.179	2.253	2.274	2.312	2.292	2.276	2.220
141.0	2.497	2.459	2.497	2.526	2.609	2.612	2.664	2.635	2.636	2.572
144.0	2.871	2.842	2.871	2.896	2.997	2.977	3.033	3.000	3.002	2.941
147.0	3.281	3.234	3.290	3.298	3.390	3.356	3.421	3.383	3.390	3.329
150.0	3.683	3.654	3.710	3.717	3.782	3.744	3.809	3.767	3.782	3.735
153.0	4.111	4.087	4.138	4.137	4.192	4.159	4.215	4.173	4.179	4.150
156.0	4.548	4.533	4.549	4.569	4.616	4.578	4.607	4.583	4.602	4.551
159.0	5.004	4.979	4.972	4.975	5.054	5.016	4.986	5.006	5.035	4.975
162.0	5.450	5.376	5.387	5.394	5.459	5.435	5.351	5.394	5.459	5.394
165.0	5.811	5.741	5.712	5.755	5.753	5.741	5.685	5.732	5.748	5.732
168.0	6.127	6.043	6.010	6.039	6.051	6.043	5.978	6.007	6.006	6.007
171.0	6.317	6.291	6.240	6.237	6.254	6.246	6.209	6.201	6.218	6.205
174.0	6.506	6.481	6.452	6.476	6.474	6.440	6.398	6.386	6.393	6.408
177.0	6.669	6.652	6.619	6.643	6.619	6.570	6.547	6.543	6.547	6.570
180.0	6.732	6.737	6.692	6.710	6.651	6.624	6.593	6.597	6.615	6.620
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3166	3163	3253	3235	3220	3210	3200	3192	3184	3179
3.0	3133	3132	3221	3201	3190	3176	3170	3159	3156	3147
6.0	3039	3040	3124	3102	3097	3083	3071	3071	3069	3058
9.0	2891	2893	2973	2949	2951	2937	2944	2930	2935	2919
12.0	2703	2709	2785	2755	2768	2751	2768	2750	2763	2742
15.0	2492	2496	2564	2538	2553	2540	2560	2546	2560	2540
18.0	2274	2277	2337	2313	2330	2320	2342	2331	2347	2328
21.0	2059	2059	2111	2089	2107	2102	2125	2117	2133	2116
24.0	1852	1851	1897	1876	1895	1893	1918	1913	1928	1912
27.0	1658	1655	1693	1675	1694	1696	1721	1718	1734	1720
30.0	1475	1467	1498	1481	1502	1511	1538	1538	1552	1540

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-07-14

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	1286	1283	1306	1284	1316	1331	1362	1363	1380	1367
36.0	1118	1101	1117	1105	1134	1157	1190	1195	1210	1202
39.0	942.7	918.7	930.8	923.4	955.9	985.5	1020	1029	1043	1036
42.0	766.4	740.4	748.2	745.3	782.4	817.1	853.1	861.5	875.2	868.9
45.0	597.9	570.7	573.9	573.7	614.5	653.4	690.5	697.4	709.5	702.2
48.0	442.8	415.2	414.6	416.0	456.6	499.0	537.4	542.8	551.0	542.6
51.0	306.5	283.4	280.4	282.2	317.1	359.0	397.3	401.7	404.7	396.0
54.0	197.2	178.5	176.1	179.6	204.1	239.0	274.6	276.8	280.1	270.2
57.0	117.8	106.8	104.5	106.8	124.3	146.3	170.9	176.0	177.8	172.7
60.0	63.85	55.78	54.01	54.75	67.35	80.69	97.81	102.0	104.7	100.8
63.0	26.92	22.56	22.49	21.96	27.85	38.08	49.92	52.38	54.54	52.03
66.0	10.16	5.519	6.892	4.297	10.60	14.00	19.36	20.56	21.90	20.69
69.0	2.636	3.177	3.492	3.208	2.735	2.289	3.511	2.465	3.300	2.448
72.0	2.067	2.546	2.802	2.563	2.117	1.697	1.446	1.345	1.292	1.345
75.0	1.661	2.051	2.262	2.062	1.667	1.327	1.081	0.9885	0.9189	0.9840
78.0	1.345	1.654	1.825	1.665	1.334	1.024	0.7973	0.7222	0.6440	0.7222
81.0	1.083	1.374	1.496	1.358	1.054	0.7807	0.5898	0.5192	0.4411	0.5100
84.0	0.8801	1.095	1.221	1.110	0.8063	0.5733	0.4277	0.3568	0.2700	0.3477
87.0	0.6282	0.7809	0.8336	0.7191	0.5921	0.3615	0.2612	0.2258	0.1351	0.2033
90.0	0.1045	0.0902	0.0721	0.1090	0.0767	0.1087	0.0902	0.1266	0.0767	0.1039
93.0	0.0858	0.0857	0.0586	0.0947	0.0812	0.0812	0.0902	0.0857	0.0767	0.0812
96.0	0.0857	0.0902	0.0901	0.0857	0.0812	0.0857	0.0947	0.0857	0.0812	0.0812
99.0	0.0857	0.0947	0.0947	0.0857	0.0992	0.0857	0.0947	0.0857	0.0903	0.0812
102.0	0.0857	0.1038	0.1082	0.0857	0.1038	0.0857	0.1083	0.0857	0.1173	0.0812
105.0	0.1035	0.1263	0.1308	0.0902	0.1354	0.1530	0.1401	0.1578	0.1490	0.1350
108.0	0.1397	0.1670	0.1625	0.1308	0.1807	0.1578	0.1942	0.1623	0.1986	0.1621
111.0	0.2164	0.2256	0.2213	0.2116	0.2483	0.2210	0.2711	0.2969	0.2709	0.2387
114.0	0.2840	0.3024	0.3026	0.3021	0.3342	0.3647	0.3926	0.3514	0.3838	0.3559
117.0	0.4321	0.4064	0.4244	0.4411	0.4650	0.4865	0.5192	0.4955	0.5147	0.4865
120.0	0.5675	0.5551	0.5778	0.5810	0.6184	0.6532	0.6861	0.6714	0.6951	0.6669
123.0	0.7972	0.7402	0.7674	0.7705	0.8260	0.8473	0.8981	0.8788	0.8983	0.8832
126.0	0.9914	0.9657	0.9976	0.9915	1.052	1.086	1.128	1.163	1.146	1.127
129.0	1.261	1.218	1.259	1.271	1.313	1.366	1.399	1.428	1.417	1.401
132.0	1.550	1.498	1.561	1.550	1.611	1.641	1.683	1.686	1.692	1.650
135.0	1.852	1.791	1.873	1.866	1.918	1.952	1.976	1.997	1.994	1.965
138.0	2.186	2.129	2.215	2.213	2.247	2.294	2.306	2.331	2.324	2.294
141.0	2.551	2.468	2.572	2.574	2.599	2.641	2.653	2.682	2.662	2.646
144.0	2.921	2.837	2.946	2.948	2.968	3.020	3.018	3.043	3.014	3.011
147.0	3.317	3.221	3.334	3.340	3.356	3.408	3.393	3.417	3.392	3.381
150.0	3.723	3.631	3.735	3.746	3.749	3.814	3.799	3.809	3.785	3.782
153.0	4.138	4.055	4.155	4.170	4.173	4.224	4.227	4.220	4.173	4.188
156.0	4.557	4.483	4.592	4.625	4.615	4.612	4.628	4.612	4.560	4.589
159.0	4.963	4.903	5.039	5.104	5.084	5.018	5.020	5.000	4.957	4.973
162.0	5.329	5.309	5.525	5.505	5.462	5.387	5.363	5.347	5.336	5.329
165.0	5.753	5.656	5.859	5.839	5.813	5.699	5.683	5.703	5.674	5.685
168.0	6.028	5.971	6.116	6.123	6.093	5.992	5.971	5.997	5.976	5.983
171.0	6.213	6.215	6.350	6.335	6.314	6.245	6.219	6.222	6.215	6.227
174.0	6.425	6.386	6.544	6.507	6.517	6.475	6.436	6.398	6.386	6.394
177.0	6.570	6.525	6.692	6.638	6.674	6.633	6.593	6.552	6.539	6.534
180.0	6.597	6.579	6.755	6.701	6.714	6.687	6.674	6.611	6.606	6.588
G/C	300.0	315.0	330.0	345.0						
0.0	3174	3170	3166	3163						
3.0	3145	3138	3137	3130						
6.0	3058	3046	3046	3037						
9.0	2922	2905	2907	2893						
12.0	2749	2724	2731	2709						
15.0	2545	2520	2524	2502						
18.0	2333	2305	2310	2285						
21.0	2121	2095	2095	2072						
24.0	1917	1891	1890	1865						
27.0	1723	1697	1694	1670						
30.0	1541	1516	1507	1483						
33.0	1368	1340	1327	1299						
36.0	1199	1170	1147	1117						
39.0	1032	999.7	971.1	934.9						
42.0	863.6	828.9	794.4	753.6						
45.0	696.8	660.3	622.0	579.6						
48.0	537.0	500.6	462.0	422.4						
51.0	390.7	356.0	321.5	289.3						
54.0	265.7	233.5	206.9	184.8						
57.0	164.8	142.1	125.9	110.7						
60.0	96.30	80.35	69.74	58.33						
63.0	50.37	39.74	30.57	23.42						
66.0	19.88	14.67	10.63	4.194						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-07-14

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	3.368	2.319	2.698	3.132
72.0	1.446	1.684	2.059	2.469
75.0	1.068	1.300	1.595	1.972
78.0	0.7883	1.006	1.243	1.570
81.0	0.5629	0.7581	0.9595	1.254
84.0	0.3736	0.5598	0.7297	0.9973
87.0	0.2115	0.4019	0.5430	0.6869
90.0	0.0766	0.1179	0.0721	0.1045
93.0	0.0722	0.0767	0.0676	0.0947
96.0	0.0767	0.0812	0.0767	0.0947
99.0	0.0902	0.0812	0.0857	0.0947
102.0	0.1039	0.0812	0.0992	0.0947
105.0	0.1354	0.0902	0.1219	0.0947
108.0	0.1852	0.1352	0.1581	0.1440
111.0	0.2528	0.2074	0.2212	0.1979
114.0	0.3567	0.3020	0.3070	0.2613
117.0	0.4922	0.4324	0.4200	0.3697
120.0	0.6590	0.5947	0.5733	0.5184
123.0	0.8621	0.7930	0.7628	0.7165
126.0	1.097	1.027	0.9750	0.9462
129.0	1.345	1.293	1.232	1.194
132.0	1.638	1.577	1.516	1.460
135.0	1.927	1.875	1.809	1.767
138.0	2.247	2.204	2.139	2.096
141.0	2.590	2.551	2.482	2.461
144.0	2.964	2.916	2.838	2.826
147.0	3.338	3.309	3.208	3.210
150.0	3.731	3.719	3.614	3.602
153.0	4.164	4.129	4.029	4.012
156.0	4.556	4.531	4.461	4.449
159.0	4.939	4.910	4.908	4.910
162.0	5.277	5.284	5.314	5.311
165.0	5.647	5.609	5.638	5.636
168.0	5.949	5.906	5.913	5.920
171.0	6.197	6.173	6.134	6.132
174.0	6.400	6.398	6.345	6.322
177.0	6.566	6.556	6.507	6.484
180.0	6.620	6.615	6.606	6.575

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-07-14

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: