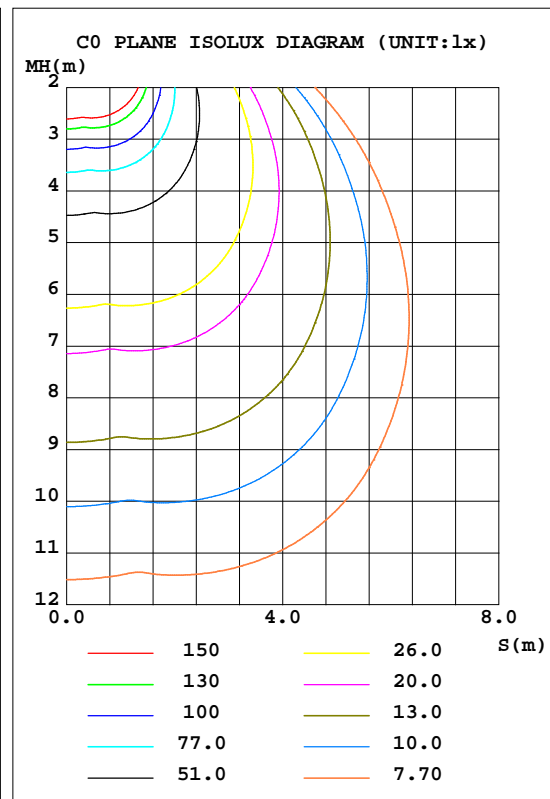
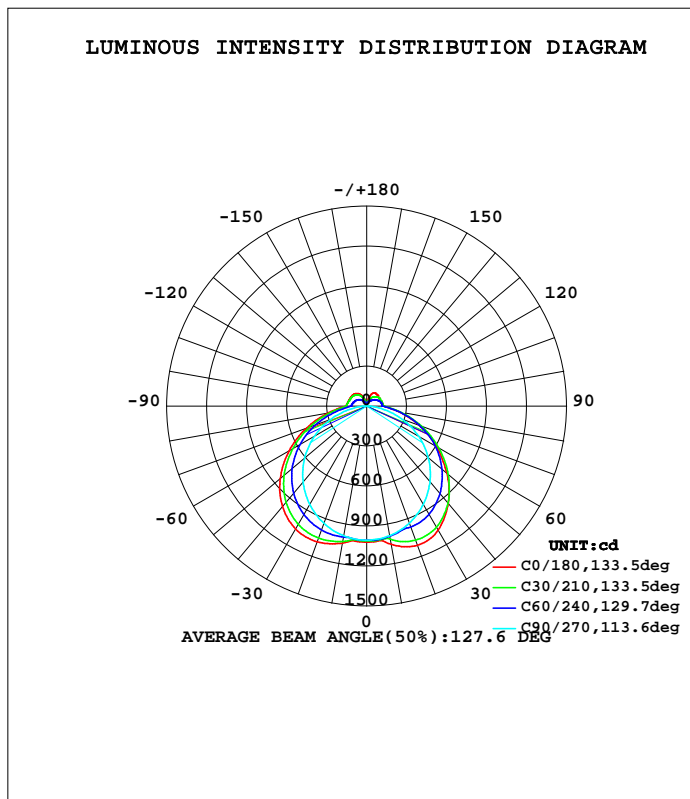


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.62 lm/W			
MODEL	lv4-I40DD	I _{max} (cd)	1112	S/MH(C0/180)	1.52
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4207.2	η UP, DN(C0-180)	6.4,43.3
NOMINAL FLUX(lm)	4207.22	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	6.4,43.9
LAMPS INSIDE	1	η up(%)	12.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	87.2	CIBSE SHR MAX	1.55



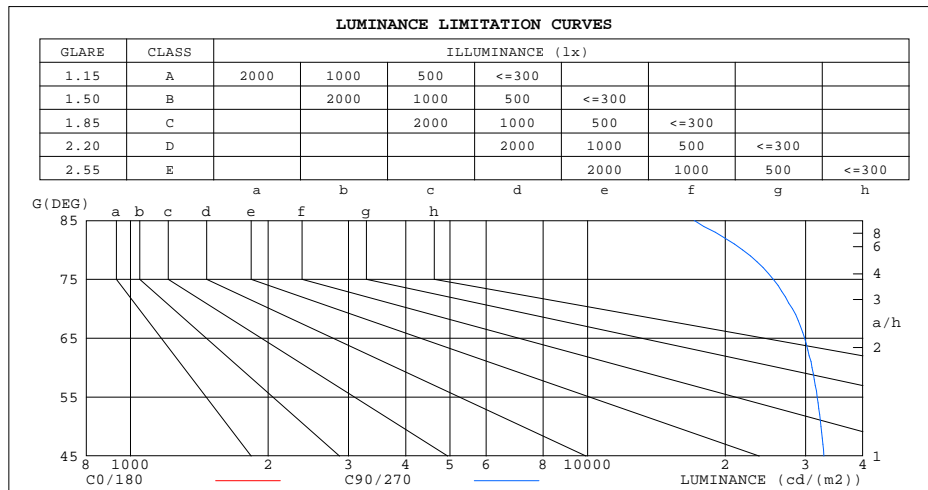
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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	1053	996.2	987.9	1012	1043	1016	988.9	992.1	0- 10	96.00	96.00	2.28,2.28
20	1112	1025	935.3	1018	1084	1024	937.0	1019	10- 20	288.0	384.0	9.13,9.13
30	1075	1000	851.2	979.0	1066	987.6	853.9	997.5	20- 30	462.1	846.1	20.1,20.1
40	952.5	915.2	739.6	893.5	983.6	903.6	742.9	915.1	30- 40	584.5	1431	34,34
50	787.0	783.7	604.5	766.6	847.0	777.7	608.3	785.6	40- 50	631.9	2063	49,49
60	604.9	620.6	449.1	605.5	672.5	617.4	453.3	624.2	50- 60	599.1	2662	63.3,63.3
70	416.6	440.5	278.3	424.8	478.8	435.4	282.5	444.9	60- 70	493.3	3155	75,75
80	242.5	258.5	110.0	247.3	289.8	255.7	112.3	264.1	70- 80	335.7	3491	83,83
90	123.9	130.3	2.740	143.7	159.0	145.4	2.733	131.9	80- 90	177.8	3668	87.2,87.2
100	120.5	119.6	3.909	133.9	146.8	135.7	4.757	115.1	90-100	118.8	3787	90,90
110	113.3	116.8	3.829	126.0	141.1	127.9	4.821	111.9	100-110	108.5	3896	92.6,92.6
120	112.3	109.1	3.944	117.6	138.0	119.6	4.830	105.3	110-120	95.78	3991	94.9,94.9
130	113.7	92.03	4.770	106.0	134.2	108.1	5.256	89.59	120-130	79.92	4071	96.8,96.8
140	118.4	77.33	2.787	89.37	124.8	91.23	3.860	75.27	130-140	62.08	4133	98.2,98.2
150	116.1	59.57	3.139	66.65	103.9	68.21	3.644	58.38	140-150	42.56	4176	99.3,99.3
160	87.65	43.48	3.301	37.76	67.08	38.92	3.369	42.28	150-160	23.05	4199	99.8,99.8
170	21.87	20.75	3.302	4.479	15.56	5.050	3.347	21.42	160-170	7.518	4207	100,100
180	2.967	3.143	3.211	3.161	2.963	3.111	3.220	3.175	170-180	0.6417	4207	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	67852	17105
80	48154	21840
75	43431	25467
70	42007	28059
65	41821	29829
60	41716	30971
55	41730	31807
50	42217	32429
45	42641	32896

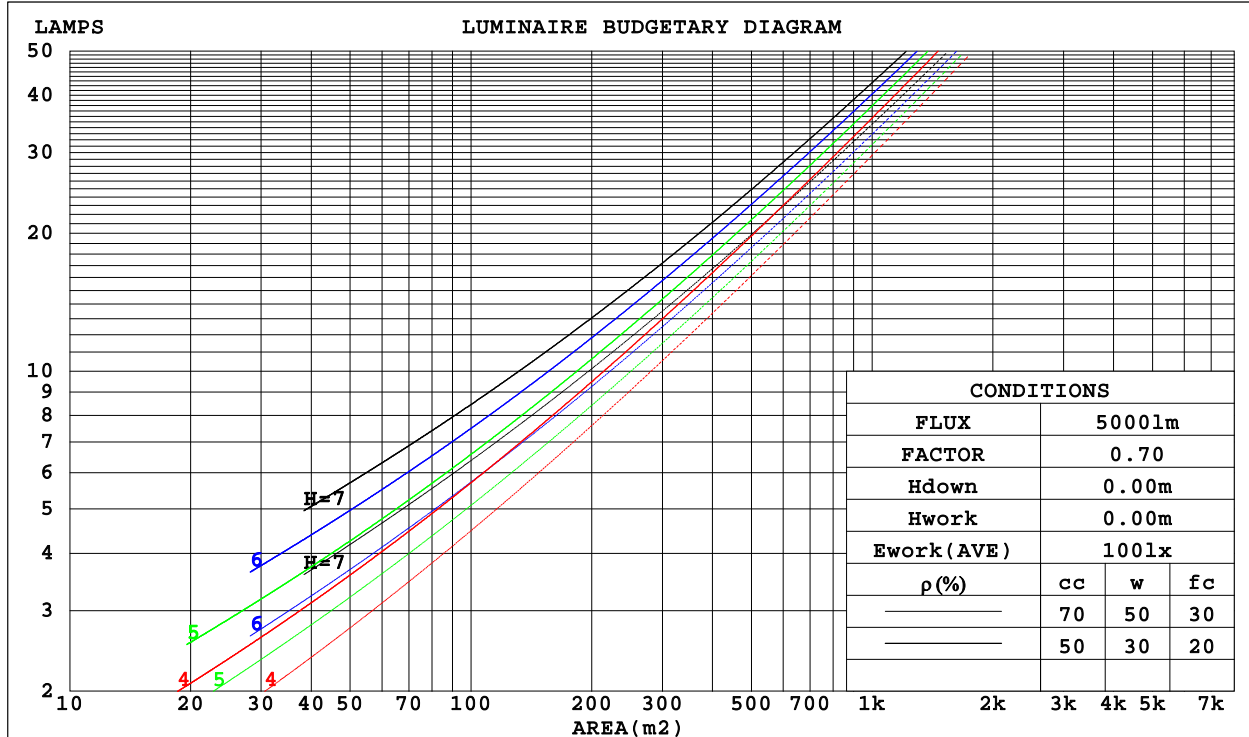
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	.99	.94	.90	.95	.91	.87	.89	.85	.82	.83	.80	.77	.77	.75	.73	.70
2.0	.85	.78	.72	.82	.76	.70	.77	.71	.66	.71	.67	.63	.67	.63	.60	.57
3.0	.74	.66	.59	.72	.64	.58	.67	.60	.55	.62	.57	.52	.58	.54	.50	.47
4.0	.65	.56	.49	.63	.55	.48	.59	.52	.46	.55	.49	.44	.52	.46	.42	.40
5.0	.58	.49	.42	.56	.48	.41	.53	.45	.40	.49	.43	.38	.46	.41	.36	.34
6.0	.52	.43	.36	.50	.42	.36	.47	.40	.34	.44	.38	.33	.42	.36	.32	.29
7.0	.47	.38	.32	.46	.37	.31	.43	.35	.30	.40	.34	.29	.38	.32	.28	.26
8.0	.43	.34	.28	.41	.33	.28	.39	.32	.27	.37	.30	.26	.35	.29	.25	.23
9.0	.39	.31	.25	.38	.30	.25	.36	.29	.24	.34	.28	.23	.32	.26	.22	.20
10.0	.36	.28	.23	.35	.27	.22	.33	.26	.21	.31	.25	.21	.30	.24	.20	.18



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	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	.344	.196	.062	.333	.190	.060	.312	.179	.057	.293	.169	.054	.276	.160	.052	
2.0	.311	.170	.052	.301	.166	.051	.282	.157	.049	.265	.149	.047	.249	.141	.044	
3.0	.282	.150	.045	.273	.146	.044	.257	.139	.042	.241	.132	.041	.227	.126	.039	
4.0	.258	.134	.039	.249	.131	.039	.234	.124	.037	.220	.118	.036	.207	.113	.034	
5.0	.236	.120	.035	.229	.118	.034	.215	.112	.033	.202	.107	.032	.191	.102	.031	
6.0	.218	.109	.031	.211	.107	.031	.199	.102	.030	.187	.097	.029	.176	.093	.028	
7.0	.202	.100	.028	.196	.098	.028	.184	.093	.027	.174	.089	.026	.164	.085	.025	
8.0	.188	.092	.026	.182	.090	.025	.172	.086	.025	.162	.082	.024	.153	.079	.023	
9.0	.176	.085	.024	.171	.083	.023	.161	.080	.023	.152	.076	.022	.144	.073	.021	
10.0	.165	.079	.022	.160	.077	.022	.151	.074	.021	.143	.071	.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	.288	.288	.288	.246	.246	.246	.168	.168	.168	.097	.097	.097	.031	.031	.031	
1.0	.281	.254	.230	.240	.218	.198	.164	.150	.137	.095	.087	.080	.030	.028	.026	
2.0	.274	.231	.195	.235	.199	.168	.161	.137	.117	.093	.080	.069	.030	.026	.022	
3.0	.266	.214	.172	.228	.185	.149	.157	.128	.105	.091	.075	.062	.029	.024	.020	
4.0	.259	.201	.157	.222	.174	.136	.153	.121	.096	.088	.071	.057	.028	.023	.019	
5.0	.252	.191	.147	.216	.165	.128	.149	.116	.090	.086	.068	.053	.028	.022	.018	
6.0	.244	.183	.139	.210	.159	.121	.145	.111	.086	.084	.065	.051	.027	.021	.017	
7.0	.237	.176	.134	.204	.153	.117	.141	.107	.083	.082	.063	.049	.026	.021	.016	
8.0	.231	.171	.130	.199	.148	.113	.138	.104	.080	.080	.061	.048	.026	.020	.016	
9.0	.225	.166	.126	.194	.144	.110	.134	.101	.078	.078	.060	.047	.025	.020	.015	
10.0	.219	.162	.124	.189	.141	.108	.131	.099	.077	.076	.058	.046	.025	.019	.015	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm										
NAME: LV4-I40DD					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.: EVERFINE					SUR.:26*1160			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	25.4	26.8	25.9	27.2	27.7	24.4	25.8	24.8	26.2	26.7
3H	27.2	28.5	27.7	28.9	29.4	25.9	27.2	26.4	27.6	28.1
4H	28.0	29.2	28.5	29.7	30.2	26.5	27.7	27.0	28.2	28.7
6H	28.8	29.9	29.3	30.4	31.0	26.9	28.0	27.4	28.5	29.1
8H	29.1	30.2	29.7	30.7	31.3	27.0	28.1	27.5	28.6	29.2
12H	29.5	30.6	30.1	31.1	31.7	27.0	28.1	27.6	28.6	29.2
4H 2H	26.1	27.3	26.6	27.8	28.3	25.3	26.6	25.8	27.0	27.6
3H	28.1	29.1	28.6	29.6	30.2	27.2	28.2	27.7	28.7	29.3
4H	29.0	30.0	29.6	30.5	31.1	27.9	28.9	28.5	29.5	30.1
6H	30.0	30.8	30.5	31.4	32.0	28.5	29.4	29.1	30.0	30.6
8H	30.4	31.2	31.0	31.8	32.4	28.7	29.6	29.3	30.1	30.8
12H	30.9	31.6	31.5	32.2	32.9	28.9	29.6	29.5	30.2	30.9
8H 4H	29.4	30.2	30.0	30.8	31.5	28.5	29.3	29.1	29.9	30.6
6H	30.6	31.2	31.2	31.9	32.6	29.5	30.1	30.1	30.8	31.4
8H	31.2	31.8	31.8	32.4	33.1	29.9	30.5	30.5	31.1	31.8
12H	31.8	32.3	32.5	33.0	33.7	30.2	30.7	30.8	31.3	32.1
12H 4H	29.5	30.2	30.1	30.8	31.5	28.6	29.3	29.2	29.9	30.6
6H	30.7	31.3	31.4	31.9	32.7	29.7	30.3	30.3	30.9	31.6
8H	31.4	31.9	32.1	32.6	33.3	30.2	30.7	30.9	31.4	32.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 4207 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:

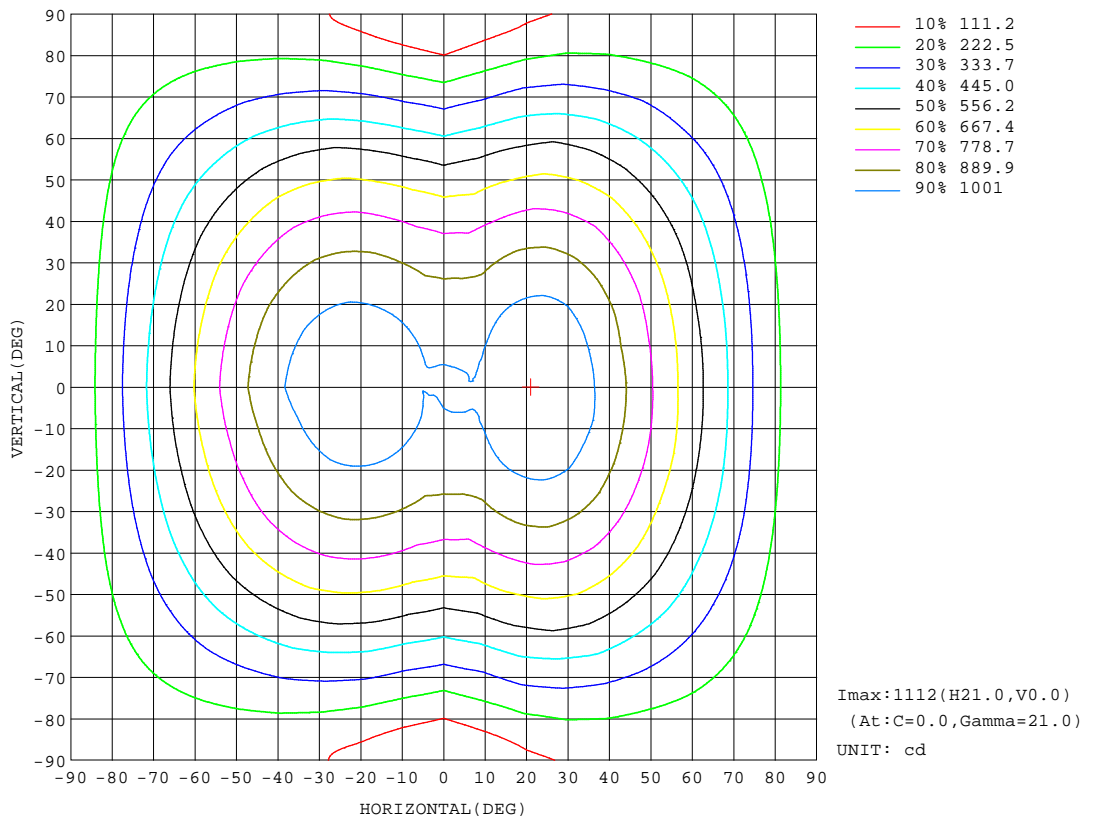
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	39	32	50	38	32	48	38	31	24
0.80	61	48	40	59	47	40	57	46	39	32
1.00	69	57	49	67	56	48	64	56	47	39
1.25	76	64	56	74	63	55	70	61	54	45
1.50	81	70	62	79	68	61	74	66	59	49
2.00	88	78	71	85	76	70	80	73	67	56
2.50	93	83	76	89	81	75	84	77	72	60
3.00	96	88	81	93	86	80	87	81	76	64
4.00	101	94	88	97	91	86	91	86	82	69
5.00	103	97	92	100	94	90	93	89	85	72
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:



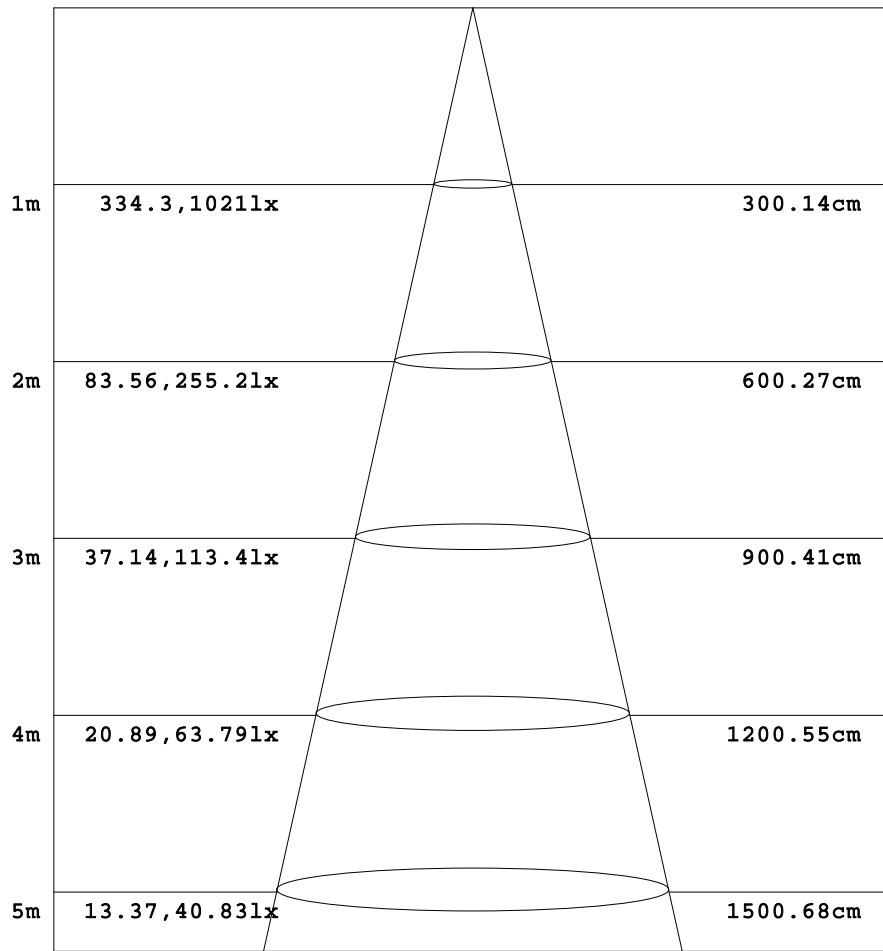
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:

Flux out:2490 lm



Height Eavg, Emax Angle:112.64deg Diameter

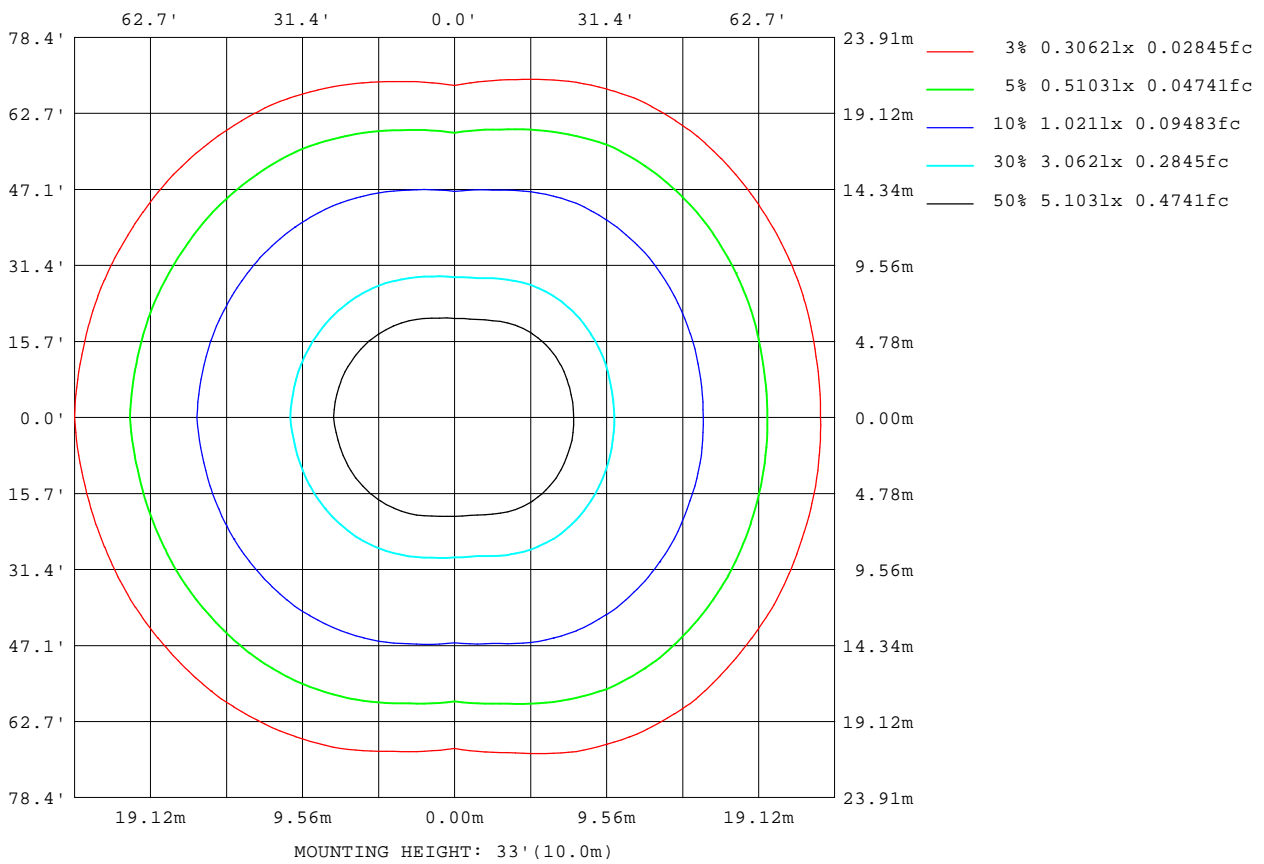
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:

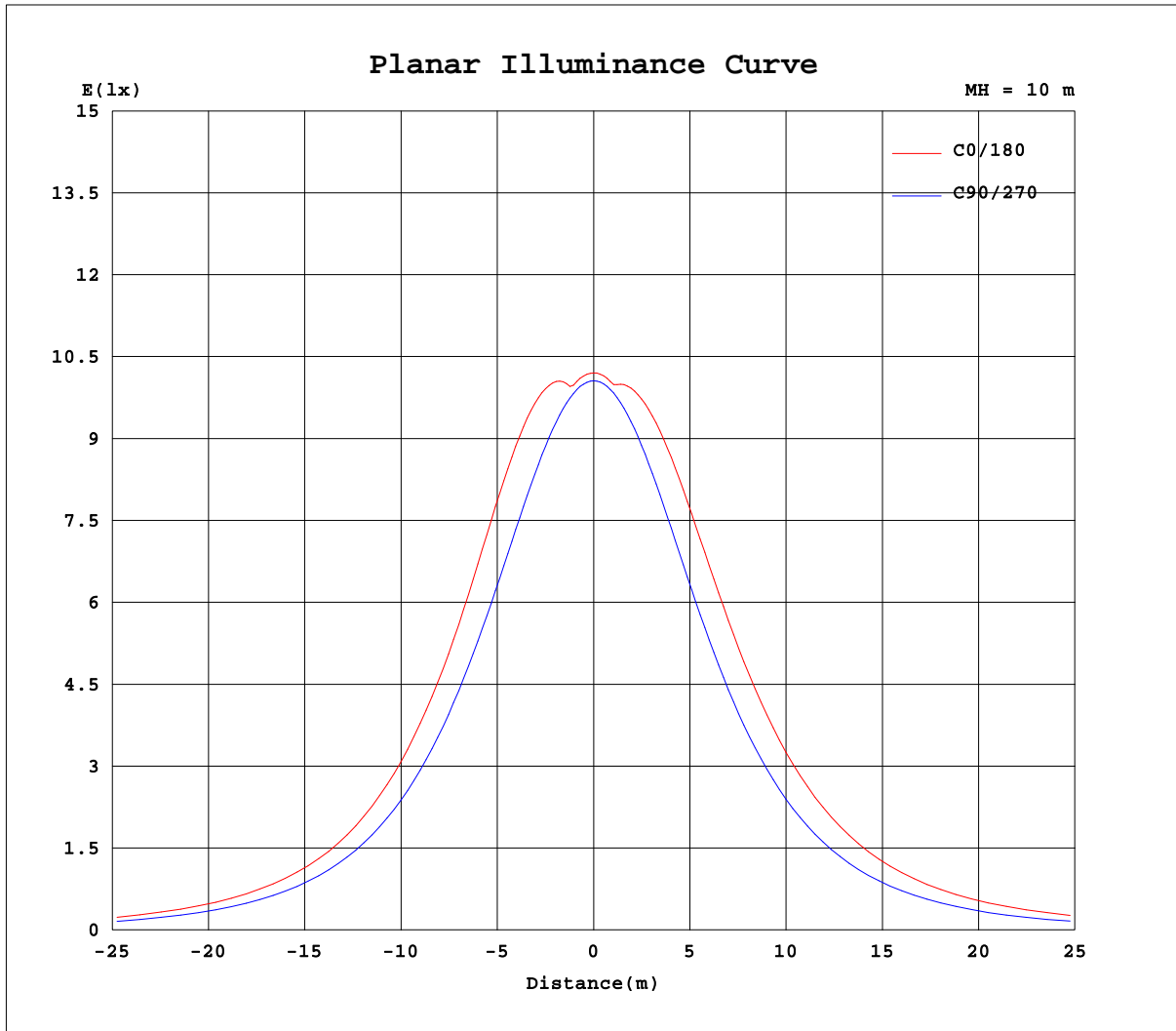
AvgL	cd/m2
L_0~180(65)av	44452
L_0~180(75)av	47112
L_0~180(85)av	75583
L_90~270(65)av	29975
L_90~270(75)av	25768
L_90~270(85)av	17353
L_45(65)av	43181
L_45(75)av	45968
L_45(85)av	72562

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1021	1018	1016	1013	1011	1009	1008	1007	1007	1006	1005	1004	1004	1004	1004	1006	1006	1006	1021
5	1017	1015	1013	1010	1008	1007	1005	1004	1003	1001	999	998	997	997	998	999	1000	1001	1017
10	1053	1044	1033	1012	997	995	993	992	989	988	985	984	995	1006	1017	1025	1030	1030	1043
15	1092	1086	1075	1053	1026	994	973	971	968	966	962	976	995	1012	1027	1041	1050	1054	1069
20	1112	1105	1092	1070	1042	1008	966	942	938	935	933	961	985	1008	1028	1045	1058	1066	1084
25	1106	1099	1087	1070	1039	1002	959	907	900	897	901	935	964	992	1016	1038	1052	1063	1083
30	1075	1072	1064	1049	1017	984	938	883	855	851	862	899	934	966	992	1016	1032	1044	1066
35	1019	1023	1015	1007	982	951	902	847	803	799	816	855	893	928	955	979	996	1009	1032
40	952	957	952	951	929	902	857	801	744	740	761	804	844	880	907	930	946	960	984
45	874	875	879	878	866	845	800	747	683	675	700	745	786	822	847	869	884	898	922
50	787	792	796	799	794	774	739	685	622	605	632	679	721	755	778	798	811	824	847
55	694	703	704	714	712	701	668	616	555	529	559	607	647	680	699	717	728	741	763
60	605	610	615	624	625	617	593	541	479	449	479	529	568	597	614	629	638	651	673
65	513	516	521	531	531	533	510	464	403	366	398	447	483	510	523	537	545	557	577
70	417	426	428	437	439	442	420	383	317	278	311	361	394	419	431	443	449	461	479
75	326	334	335	342	347	347	331	296	238	191	226	272	305	328	338	349	355	365	381
80	242	245	249	255	258	259	247	213	158	110	145	189	221	242	253	260	267	276	290
85	171	173	176	180	181	183	173	137	89.0	43.2	77.4	121	153	173	184	190	195	201	211
90	124	127	126	127	130	130	119	94.6	45.3	2.74	39.5	85.3	118	138	149	152	155	155	159
95	123	122	121	121	123	124	116	90.9	47.5	3.78	39.3	81.5	115	134	143	147	149	149	151
100	121	118	118	119	118	121	114	86.7	45.4	3.91	36.6	78.2	110	129	139	143	144	145	147
105	117	117	116	117	119	118	111	84.4	44.5	3.79	33.2	73.9	105	125	135	139	141	141	144
110	113	115	113	114	117	116	107	81.1	39.6	3.83	29.5	68.9	100	121	131	136	138	139	141
115	113	112	113	114	114	115	97.7	74.5	38.4	3.95	27.4	63.2	95.1	116	128	134	136	137	139
120	112	111	112	113	112	106	91.2	65.2	32.2	3.94	23.5	57.6	89.5	111	124	131	134	136	138
125	111	113	112	112	106	96.0	81.0	58.9	29.4	3.99	19.8	52.5	82.9	105	120	128	132	134	136
130	114	114	114	108	97.8	86.2	74.9	51.9	25.2	4.77	16.2	47.8	75.6	98.1	114	124	129	132	134
135	117	115	114	99.1	90.4	79.5	66.6	45.4	22.2	5.54	12.2	41.5	68.1	90.2	107	118	124	127	131
140	118	119	108	92.8	82.5	72.2	59.5	40.3	19.3	2.79	7.44	35.9	59.7	81.0	97.8	110	117	121	125
145	118	119	97.5	84.0	74.7	64.6	51.1	33.2	15.0	2.98	6.40	28.0	49.7	70.8	87.1	99.7	108	113	116
150	116	110	84.4	74.8	64.2	54.9	45.6	30.7	13.1	3.14	4.98	19.9	39.8	58.7	74.6	87.2	95.6	101	104
155	106	90.3	69.5	62.4	54.2	49.4	40.6	26.5	9.42	3.24	3.84	10.2	29.2	46.0	59.9	72.0	80.2	86.4	87.8
160	87.6	62.8	54.0	48.5	45.4	41.5	33.4	21.6	4.30	3.30	3.30	4.23	17.9	31.8	43.7	54.3	61.4	67.3	67.1
165	63.6	38.9	36.6	36.7	36.2	31.9	24.7	14.1	3.62	3.31	3.24	3.71	4.26	16.9	26.7	34.7	39.9	44.7	47.2
170	21.9	21.1	21.6	24.0	22.5	19.0	12.3	4.01	3.52	3.30	3.23	3.38	3.77	4.07	4.89	14.1	18.2	21.2	15.6
175	3.37	3.42	3.62	3.75	3.65	3.56	3.55	3.46	3.39	3.26	3.22	3.21	3.29	3.46	3.67	3.74	3.55	3.30	3.18
180	2.97	2.99	3.05	3.08	3.13	3.15	3.19	3.18	3.21	3.21	3.21	3.21	3.17	3.17	3.15	3.13	3.07	3.04	2.96

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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:120.2V I:0.3207A P:38.38W PF:0.9953 Lamp Flux:4207.22x1 lm		
NAME: LV4-I40DD	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:26*1160	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1018	1016	1013	1011	1009	1008	1007	1007	1006	1005	1004	1004	1004	1004	1006	1006	1006		
5	1013	1011	1007	1005	1003	1002	1002	1002	1002	1002	1001	1002	1002	1003	1004	1004	1003		
10	1042	1038	1031	1022	1011	998	988	989	989	990	990	991	992	992	1003	1019	1031		
15	1066	1059	1048	1034	1017	999	979	966	967	969	970	972	989	1018	1045	1062	1072		
20	1078	1069	1054	1035	1013	990	964	937	937	940	941	963	1003	1035	1064	1082	1092		
25	1076	1065	1047	1025	998	970	939	906	899	903	907	958	999	1034	1064	1079	1087		
30	1057	1045	1026	1002	973	941	904	867	854	859	884	938	981	1014	1044	1057	1061		
35	1023	1010	990	967	936	901	860	822	802	807	849	903	949	981	1003	1011	1014		
40	973	962	942	919	888	853	809	767	743	750	803	859	901	929	948	950	948		
45	911	900	881	861	830	796	750	707	678	690	749	803	844	868	877	879	868		
50	836	827	810	792	763	731	684	639	608	630	688	743	774	797	798	798	786		
55	752	744	728	714	689	658	612	567	533	565	620	673	701	717	714	707	699		
60	662	655	640	628	606	579	533	487	453	489	546	598	618	630	625	618	607		
65	566	560	547	538	518	493	451	406	369	413	467	516	534	538	533	526	513		
70	469	463	452	444	426	404	365	318	283	327	387	425	444	445	440	434	424		
75	373	368	358	351	335	314	276	231	196	246	301	338	350	355	345	341	334		
80	282	277	270	262	249	228	192	150	112	166	217	251	263	265	260	254	246		
85	206	202	197	191	179	158	122	81.2	44.5	96.9	141	176	186	185	184	180	175		
90	158	156	156	151	140	119	84.6	38.9	2.73	49.9	96.1	121	131	133	127	128	126		
95	151	150	150	145	135	115	80.5	38.8	4.31	47.9	90.1	115	123	122	119	120	121		
100	146	146	145	141	131	111	77.1	35.9	4.76	44.9	83.7	109	116	114	116	117	117		
105	143	142	141	137	126	106	72.9	32.7	4.78	45.0	83.3	107	113	113	112	113	116		
110	140	140	138	133	122	102	67.8	28.7	4.82	41.4	80.0	104	111	113	109	110	113		
115	138	138	136	130	118	96.2	62.4	26.5	4.92	40.4	74.2	94.6	110	110	109	109	109		
120	137	136	133	126	113	90.3	56.6	22.6	4.83	34.4	64.9	89.3	103	108	108	107	108		
125	135	133	130	122	107	83.5	51.3	18.4	4.73	31.4	59.0	79.4	93.0	103	108	106	109		
130	133	130	125	116	100	76.4	45.8	14.2	5.26	27.4	50.2	73.6	83.8	95.3	104	108	109		
135	128	126	119	109	91.9	68.3	39.7	10.5	4.01	24.4	44.3	65.3	77.4	88.2	96.2	110	108		
140	122	119	112	100.0	82.5	59.8	33.3	5.42	3.86	21.2	39.8	58.4	70.6	79.9	89.9	106	111		
145	114	110	102	89.4	72.0	50.1	25.4	4.41	3.97	17.1	33.1	50.0	63.1	73.1	81.4	95.1	112		
150	102	97.9	89.0	76.7	59.7	40.1	17.9	3.55	3.64	14.6	30.6	44.1	53.7	63.0	72.6	82.9	106		
155	87.2	82.6	73.5	61.9	46.6	29.2	8.85	3.20	3.42	10.6	26.5	39.6	47.8	53.3	60.9	68.4	89.0		
160	67.9	63.5	55.3	45.5	32.4	18.0	3.73	3.18	3.37	5.16	21.8	33.3	40.5	44.1	47.1	53.6	61.8		
165	45.2	41.3	35.6	28.2	17.0	4.08	3.54	3.18	3.34	3.72	14.7	25.3	31.6	35.8	35.4	35.7	37.9		
170	21.2	18.9	15.1	6.04	4.06	3.65	3.34	3.18	3.35	3.53	4.16	13.5	19.5	23.3	23.7	21.2	20.7		
175	3.30	3.52	3.79	3.64	3.46	3.20	3.14	3.18	3.27	3.32	3.46	3.53	3.64	3.90	4.00	3.88	3.51		
180	2.99	3.02	3.05	3.10	3.12	3.18	3.18	3.18	3.22	3.22	3.22	3.20	3.19	3.16	3.14	3.10	3.05		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-04-16

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	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
0.0	1021	1018	1016	1013	1011	1009	1008	1007	1007	1006
3.0	1019	1017	1015	1012	1010	1008	1007	1006	1005	1004
6.0	1015	1013	1011	1009	1006	1005	1003	1002	1001	999.3
9.0	1043	1033	1022	1004	999.7	998.3	996.2	994.9	992.7	991.4
12.0	1071	1063	1052	1032	1007	988.6	986.1	984.7	981.8	980.1
15.0	1092	1086	1075	1053	1026	994.0	972.8	971.3	967.6	965.8
18.0	1107	1101	1088	1066	1037	1004	963.8	954.8	950.7	948.5
21.0	1112	1106	1093	1072	1043	1009	966.0	935.5	930.8	928.3
24.0	1109	1102	1089	1071	1041	1005	961.5	913.6	907.9	905.2
27.0	1097	1090	1080	1064	1031	995.6	952.2	898.3	882.6	879.5
30.0	1075	1072	1064	1049	1017	983.6	937.9	882.6	854.7	851.2
33.0	1043	1045	1037	1025	998.3	966.8	916.9	862.0	824.0	820.4
36.0	1006	1012	1003	996.3	973.0	941.6	893.4	839.4	791.1	787.4
39.0	966.8	971.9	965.6	962.6	940.4	911.9	867.3	811.8	756.1	751.8
42.0	922.6	925.5	924.4	923.7	904.6	880.8	835.2	778.8	719.0	714.2
45.0	874.4	875.2	879.3	878.1	866.4	845.0	799.8	746.6	683.5	674.6
48.0	823.2	826.0	830.8	830.0	824.0	803.0	764.6	712.4	647.6	633.1
51.0	767.6	775.2	777.8	782.3	778.2	759.2	725.6	670.4	608.9	589.4
54.0	711.7	722.0	722.2	731.8	729.3	716.5	682.8	629.3	569.1	544.5
57.0	658.7	667.5	668.5	678.1	677.3	668.4	638.5	589.1	526.2	497.6
60.0	604.9	610.0	614.8	623.5	624.6	616.6	592.8	541.3	479.3	449.1
63.0	549.4	552.8	558.9	568.1	569.7	566.6	544.8	493.2	434.1	399.5
66.0	493.6	498.3	502.8	511.8	511.8	514.7	490.8	448.8	386.0	348.6
69.0	436.0	444.1	447.0	456.2	456.9	460.0	436.2	399.9	333.2	296.6
72.0	378.9	388.4	389.9	398.3	402.5	403.9	385.4	349.0	285.1	242.7
75.0	326.0	333.8	335.3	341.5	347.2	346.5	331.2	296.4	237.6	191.1
78.0	275.1	280.4	282.9	289.8	293.4	294.1	278.3	244.8	188.5	141.5
81.0	226.9	228.5	232.4	238.6	240.2	242.7	230.3	196.6	142.8	95.16
84.0	184.1	185.8	188.5	193.4	193.4	196.3	185.6	149.1	100.5	54.47
87.0	148.1	151.3	152.5	155.4	157.5	159.0	148.9	116.9	68.58	23.05
90.0	123.9	126.9	125.9	126.7	130.2	130.4	119.2	94.64	45.33	2.740
93.0	122.2	122.9	121.4	120.1	123.9	123.7	115.2	92.52	47.14	3.716
96.0	122.6	121.5	120.8	120.8	122.2	123.7	116.5	89.09	46.77	3.834
99.0	121.0	118.7	118.5	119.8	118.8	121.5	114.3	86.15	45.32	3.950
102.0	119.5	117.6	117.2	118.4	118.1	120.4	113.1	87.56	45.52	3.815
105.0	117.1	117.1	116.0	116.7	118.6	118.0	110.7	84.41	44.47	3.790
108.0	114.1	115.7	113.9	114.3	117.9	115.8	109.2	82.40	42.07	3.774
111.0	113.3	114.3	113.2	114.0	117.1	116.3	105.3	80.15	38.53	3.892
114.0	113.5	112.8	113.0	114.2	115.1	115.5	99.14	76.33	38.54	3.935
117.0	112.9	110.9	112.3	113.5	113.1	111.9	95.93	70.49	36.24	3.946
120.0	112.3	110.9	112.1	113.4	111.9	106.2	91.21	65.19	32.24	3.944
123.0	111.6	112.3	112.0	112.9	108.8	99.48	84.33	62.19	30.96	3.941
126.0	111.1	113.0	111.8	111.3	103.7	94.28	79.77	56.81	28.27	4.037
129.0	112.8	113.8	113.3	108.8	99.24	88.23	76.32	52.66	25.60	4.507
132.0	115.3	114.3	114.5	103.9	95.02	82.88	71.63	50.21	24.31	5.444
135.0	116.9	115.0	114.0	99.13	90.37	79.53	66.57	45.37	22.15	5.542
138.0	118.2	117.3	111.6	95.56	85.45	75.75	62.54	41.81	20.32	2.764
141.0	118.4	119.4	106.3	91.25	81.09	70.34	57.76	39.12	18.36	2.810
144.0	118.3	119.3	99.71	85.86	76.56	65.98	52.55	34.46	15.70	2.931
147.0	118.2	116.5	92.69	80.52	70.44	61.12	48.67	32.04	14.49	3.071
150.0	116.1	110.0	84.36	74.81	64.22	54.91	45.59	30.75	13.13	3.139
153.0	111.1	99.89	75.40	67.89	58.63	50.92	42.58	27.96	10.96	3.193
156.0	103.0	85.19	66.61	59.60	52.13	48.29	39.50	25.68	8.470	3.260
159.0	91.96	68.31	57.42	51.14	46.99	43.38	35.22	22.74	5.076	3.287
162.0	78.67	52.64	47.15	43.49	42.25	37.72	29.98	18.87	3.831	3.314
165.0	63.58	38.86	36.65	36.75	36.16	31.95	24.66	14.13	3.617	3.310
168.0	36.38	27.05	26.56	29.42	28.44	24.82	18.04	7.182	3.563	3.305
171.0	18.18	18.02	18.90	20.95	19.15	15.71	8.512	3.661	3.495	3.301
174.0	4.416	5.901	6.605	7.298	4.982	4.000	3.624	3.472	3.418	3.296
177.0	3.167	3.197	3.333	3.363	3.424	3.377	3.396	3.318	3.310	3.242
180.0	2.967	2.994	3.048	3.075	3.134	3.152	3.188	3.184	3.211	3.211
G/C	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0
0.0	1005	1004	1004	1004	1004	1006	1006	1006	1021	1018
3.0	1003	1002	1001	1001	1001	1003	1003	1004	1019	1016
6.0	997.1	996.2	995.2	995.6	998.9	1002	1004	1003	1016	1015
9.0	988.7	987.5	993.4	1004	1013	1020	1024	1024	1037	1036
12.0	976.9	980.4	996.0	1010	1022	1033	1039	1041	1055	1053
15.0	962.1	975.7	994.7	1012	1027	1041	1050	1054	1069	1066
18.0	944.8	968.0	990.3	1011	1029	1045	1056	1063	1080	1075
21.0	926.9	956.0	981.2	1005	1026	1045	1058	1066	1085	1079
24.0	908.1	940.7	968.4	995.7	1020	1041	1054	1065	1085	1078
27.0	886.8	921.8	952.8	982.7	1008	1031	1046	1057	1078	1070
30.0	862.0	898.9	933.6	965.9	992.1	1016	1032	1044	1066	1057

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-04-16

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	835.0	873.4	910.5	944.7	971.7	995.3	1012	1025	1047	1038
36.0	805.5	846.0	884.3	919.4	946.6	970.6	986.8	1001	1023	1014
39.0	772.1	814.8	855.1	890.4	917.2	941.0	957.0	971.4	994.3	984.4
42.0	736.9	780.8	822.2	858.1	884.1	907.1	922.6	937.0	960.2	949.8
45.0	700.0	745.1	786.3	821.8	847.3	868.9	884.2	898.2	921.7	910.9
48.0	659.9	706.6	747.9	782.6	806.8	827.5	841.2	855.0	878.4	867.3
51.0	617.5	664.8	706.7	740.4	762.9	782.0	794.2	807.6	830.6	819.9
54.0	574.3	622.1	662.8	695.7	715.9	733.5	744.6	758.0	780.2	769.4
57.0	528.0	577.1	616.6	648.2	666.0	682.4	692.7	705.6	727.6	716.8
60.0	479.3	528.8	568.3	597.4	613.5	628.7	638.4	650.7	672.5	661.6
63.0	431.1	479.9	518.1	545.6	559.9	573.9	582.9	595.0	615.6	604.8
66.0	380.2	430.0	464.9	491.8	504.9	517.9	526.0	537.9	557.3	546.9
69.0	327.8	378.3	411.6	436.9	449.4	461.4	468.6	480.2	498.4	488.6
72.0	276.6	325.6	357.8	381.9	393.3	404.7	411.0	422.2	439.4	430.3
75.0	226.1	272.2	304.5	328.0	338.5	348.8	354.7	365.2	381.2	372.8
78.0	176.5	220.9	253.3	275.7	285.7	295.3	300.6	310.6	325.2	316.6
81.0	129.0	173.3	205.7	226.4	237.2	244.7	250.8	258.2	272.2	264.9
84.0	88.80	131.9	165.0	185.0	195.7	202.3	207.7	213.7	224.5	219.6
87.0	56.47	100.8	131.9	152.5	163.2	168.4	172.8	177.3	185.6	181.7
90.0	39.52	85.34	118.3	138.3	149.1	152.2	154.7	155.2	159.0	157.9
93.0	40.09	83.39	116.2	135.6	145.1	148.9	151.2	150.7	152.9	153.0
96.0	38.72	80.64	113.7	132.8	142.2	146.2	148.4	147.9	150.1	150.2
99.0	37.20	78.71	111.0	130.0	139.5	143.7	144.8	145.4	147.6	147.1
102.0	34.99	76.68	108.1	127.4	137.2	141.3	142.7	143.2	145.4	144.4
105.0	33.22	73.85	105.3	124.7	134.9	139.3	140.9	141.5	143.6	142.6
108.0	30.88	70.89	102.6	122.3	132.7	137.4	139.2	140.0	142.0	141.1
111.0	28.99	67.85	99.35	119.9	130.6	135.8	137.8	138.7	140.7	139.8
114.0	28.03	64.43	96.19	117.2	128.5	134.2	136.6	137.6	139.8	138.7
117.0	25.64	60.68	92.91	114.3	126.4	132.6	135.4	136.7	138.9	137.8
120.0	23.47	57.57	89.48	111.0	124.2	131.0	134.2	135.8	138.0	136.8
123.0	21.27	54.66	85.52	107.5	121.6	129.3	132.9	134.8	137.1	135.9
126.0	18.91	51.50	81.55	103.8	118.6	127.1	131.4	133.7	136.1	134.8
129.0	16.59	48.84	77.14	99.55	115.1	124.5	129.5	132.2	134.7	133.1
132.0	15.12	45.36	72.49	95.00	111.2	121.4	127.1	130.2	132.9	131.2
135.0	12.15	41.52	68.09	90.24	106.6	117.6	123.9	127.5	130.6	128.5
138.0	8.981	38.35	63.45	84.87	101.4	113.2	120.0	124.2	127.2	125.0
141.0	7.204	34.54	57.70	78.90	95.81	108.0	115.3	120.0	123.2	120.9
144.0	6.649	29.56	51.68	72.92	89.45	102.0	109.7	115.0	118.3	115.9
147.0	5.785	24.80	45.92	66.20	82.30	94.99	103.3	108.7	111.7	109.7
150.0	4.976	19.94	39.85	58.74	74.56	87.18	95.61	101.4	103.9	102.4
153.0	4.341	14.77	33.40	51.16	66.09	78.46	86.81	92.83	94.87	93.75
156.0	3.664	7.025	26.98	43.26	56.81	68.54	76.77	82.89	84.14	83.71
159.0	3.333	4.382	20.33	34.57	47.07	57.90	65.54	71.46	71.66	72.08
162.0	3.256	3.972	12.08	26.13	36.73	46.78	53.05	58.44	59.77	59.15
165.0	3.237	3.715	4.264	16.87	26.75	34.74	39.94	44.70	47.18	45.24
168.0	3.236	3.517	3.933	4.623	15.31	23.28	27.10	30.72	26.36	30.91
171.0	3.235	3.323	3.690	3.967	4.281	7.462	13.09	16.31	12.96	16.36
174.0	3.227	3.226	3.397	3.619	3.835	3.895	3.682	3.399	3.571	3.447
177.0	3.215	3.188	3.211	3.179	3.330	3.372	3.293	3.106	3.057	3.135
180.0	3.206	3.206	3.175	3.175	3.148	3.130	3.066	3.044	2.963	2.994
G/C	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	1016	1013	1011	1009	1008	1007	1007	1006	1005	1004
3.0	1014	1010	1008	1006	1006	1005	1005	1005	1004	1004
6.0	1012	1008	1004	1001	1000	999.7	1000	1000	999.9	999.8
9.0	1032	1026	1018	1008	996.5	991.2	992.0	992.1	992.5	992.7
12.0	1048	1040	1028	1015	999.8	983.7	980.8	981.3	982.2	982.9
15.0	1059	1048	1034	1017	999.1	979.1	966.5	967.1	968.6	969.8
18.0	1067	1053	1036	1016	994.8	971.6	949.4	950.1	952.2	953.8
21.0	1069	1054	1034	1011	986.8	960.1	931.2	930.1	932.9	935.0
24.0	1067	1050	1028	1002	974.9	944.9	912.7	907.3	910.9	913.4
27.0	1059	1040	1017	989.2	959.5	926.2	891.7	881.9	886.0	898.1
30.0	1045	1026	1002	972.9	940.8	903.6	867.5	853.9	858.7	883.5
33.0	1026	1006	982.8	952.0	918.2	878.3	840.7	823.3	828.8	863.4
36.0	1002	981.5	958.4	927.0	892.3	850.6	811.6	790.4	796.4	840.7
39.0	972.5	952.4	929.8	898.4	863.6	819.8	779.0	755.4	762.0	813.9
42.0	938.5	918.7	897.1	866.3	831.1	785.9	743.8	717.9	725.4	781.8
45.0	900.3	880.8	860.6	830.3	795.6	750.1	707.3	678.5	690.2	749.4
48.0	857.9	839.5	820.6	791.2	757.6	711.6	667.4	636.9	655.2	715.4
51.0	810.8	794.1	777.4	749.4	716.6	670.0	625.3	593.7	617.2	674.5
54.0	760.9	745.1	730.4	704.6	673.0	626.8	582.1	548.4	578.1	632.9
57.0	708.9	694.1	680.4	657.1	627.0	581.8	535.9	501.7	535.8	592.7
60.0	654.7	640.4	628.5	606.4	579.1	533.5	487.5	453.3	489.5	545.7
63.0	598.6	585.2	574.7	554.1	528.9	484.4	439.1	403.4	444.1	497.2
66.0	541.0	529.1	519.1	500.2	475.6	434.2	388.3	352.2	396.7	452.6

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-04-16

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	482.9	472.0	463.0	445.1	421.9	382.3	335.4	300.0	343.8	404.2
72.0	424.7	414.6	406.7	389.5	367.7	329.4	283.8	247.5	294.5	353.1
75.0	367.5	358.2	351.2	335.1	313.8	276.2	230.9	195.7	245.6	301.0
78.0	312.5	303.9	297.4	282.4	260.3	225.2	180.9	145.2	196.5	249.5
81.0	259.8	253.8	246.1	233.3	212.2	176.8	134.8	97.00	150.9	200.5
84.0	215.0	210.2	203.2	191.3	170.3	134.0	93.09	56.46	108.3	152.9
87.0	178.2	174.6	168.6	157.5	136.6	101.7	60.35	24.21	75.38	118.8
90.0	156.3	155.6	150.7	140.1	119.4	84.60	38.91	2.733	49.94	96.11
93.0	151.9	151.9	147.1	137.1	116.9	82.34	39.36	3.948	49.12	92.46
96.0	149.0	149.1	144.2	134.2	114.5	79.73	38.10	4.445	46.87	87.25
99.0	146.4	145.4	141.5	131.5	111.8	77.67	36.44	4.716	44.65	83.42
102.0	144.2	143.1	139.2	128.9	108.9	75.71	34.37	4.744	45.28	85.28
105.0	142.3	141.1	137.0	126.3	106.2	72.95	32.74	4.779	45.01	83.29
108.0	140.7	139.2	134.8	123.9	103.6	69.90	30.45	4.804	44.08	80.89
111.0	139.2	137.6	132.7	121.5	100.4	66.91	28.08	4.829	40.32	79.21
114.0	138.0	136.0	130.6	119.0	97.26	63.71	26.93	4.956	40.33	75.81
117.0	136.8	134.4	128.6	116.1	94.01	59.89	24.98	4.857	38.82	70.15
120.0	135.6	132.8	126.5	112.8	90.28	56.61	22.59	4.830	34.39	64.91
123.0	134.4	131.1	123.8	109.4	86.20	53.61	20.26	4.753	32.80	61.98
126.0	132.9	128.9	120.8	105.7	82.06	50.15	17.41	4.744	30.36	56.87
129.0	131.0	126.3	117.4	101.4	77.92	46.82	14.81	5.094	27.77	50.84
132.0	128.7	123.2	113.5	96.92	73.30	43.56	12.91	5.604	26.29	49.83
135.0	125.6	119.4	108.9	91.95	68.31	39.68	10.54	4.010	24.36	44.34
138.0	121.8	114.8	103.7	86.37	63.34	35.80	7.459	3.878	22.05	41.10
141.0	117.1	109.9	98.09	80.42	57.89	31.81	4.911	3.864	20.60	38.70
144.0	111.7	103.8	91.67	74.21	52.04	26.93	4.584	3.959	18.00	34.34
147.0	105.4	96.82	84.51	67.34	46.26	22.22	4.264	3.879	16.18	31.89
150.0	97.90	88.98	76.69	59.73	40.12	17.87	3.550	3.644	14.62	30.61
153.0	89.20	80.10	68.16	51.93	33.55	12.87	3.254	3.500	12.29	27.79
156.0	79.07	70.09	58.75	43.92	27.12	5.915	3.179	3.412	9.715	25.84
159.0	67.60	59.16	48.83	35.23	20.51	3.820	3.177	3.379	6.224	23.11
162.0	54.86	47.65	38.50	26.64	12.47	3.639	3.175	3.341	4.172	19.25
165.0	41.34	35.64	28.18	17.02	4.079	3.540	3.178	3.341	3.724	14.67
168.0	27.94	23.69	16.99	4.771	3.797	3.432	3.181	3.349	3.571	7.949
171.0	14.37	9.092	4.286	3.947	3.570	3.292	3.180	3.346	3.458	3.773
174.0	3.655	3.965	3.799	3.591	3.309	3.148	3.179	3.297	3.381	3.527
177.0	3.250	3.415	3.321	3.189	3.130	3.143	3.179	3.238	3.247	3.356
180.0	3.021	3.053	3.098	3.125	3.184	3.179	3.179	3.220	3.220	3.215
G/C	300.0	310.0	320.0	330.0	340.0	350.0				
0.0	1004	1004	1004	1006	1006	1006				
3.0	1004	1004	1004	1005	1005	1005				
6.0	1000	1001	1001	1002	1002	1001				
9.0	994.0	994.4	995.2	996.6	1007	1020				
12.0	984.6	985.1	997.8	1023	1039	1050				
15.0	971.9	988.8	1018	1045	1062	1072				
18.0	960.5	999.3	1030	1059	1077	1087				
21.0	963.3	1004	1036	1065	1083	1093				
24.0	960.5	1001	1036	1065	1081	1089				
27.0	952.1	993.0	1027	1058	1072	1079				
30.0	938.4	981.0	1014	1044	1057	1061				
33.0	918.6	964.1	995.9	1022	1032	1035				
36.0	895.1	940.0	971.8	993.2	999.8	1002				
39.0	869.0	911.2	940.8	960.1	963.5	963.0				
42.0	838.2	880.0	905.4	921.6	923.3	917.4				
45.0	803.3	844.4	868.1	876.9	879.3	868.1				
48.0	767.9	803.3	826.9	829.0	831.7	819.1				
51.0	729.8	760.0	782.0	781.9	780.2	769.1				
54.0	687.3	716.6	733.9	731.6	725.4	716.1				
57.0	643.7	669.1	682.6	678.8	671.3	662.9				
60.0	598.5	617.9	630.5	625.3	618.4	607.1				
63.0	550.9	568.0	576.1	570.2	563.4	549.9				
66.0	497.8	516.9	518.2	514.0	507.8	495.4				
69.0	442.8	462.7	463.2	458.8	452.9	441.9				
72.0	391.2	407.0	409.7	401.5	396.3	387.3				
75.0	337.5	350.0	354.8	345.0	341.4	333.7				
78.0	284.6	296.8	301.0	293.1	289.4	280.6				
81.0	234.8	246.8	246.3	243.5	237.4	230.3				
84.0	189.5	200.1	198.3	197.9	192.6	187.5				
87.0	151.8	162.0	160.9	159.0	155.9	152.4				
90.0	120.9	131.1	132.6	127.5	128.0	126.5				
93.0	113.5	122.3	122.8	118.5	120.3	121.8				
96.0	114.2	121.3	120.9	119.4	119.8	120.5				
99.0	110.0	117.0	115.4	117.5	117.8	117.6				
102.0	108.2	115.3	113.1	114.4	115.9	116.3				

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-04-16

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]

105.0	106.8	113.5	113.4	112.3	113.3	115.8
108.0	105.4	111.1	113.0	109.5	111.0	114.2
111.0	102.7	111.5	112.4	108.4	109.6	112.1
114.0	96.32	111.1	110.7	108.7	109.1	110.2
117.0	92.99	108.0	108.7	108.3	107.8	107.9
120.0	89.32	102.7	107.9	108.4	106.8	107.8
123.0	82.91	96.47	105.7	108.3	106.1	108.8
126.0	78.03	91.55	101.3	107.2	106.1	109.1
129.0	74.80	85.67	96.70	105.3	107.5	109.1
132.0	70.45	80.62	92.68	101.4	109.2	108.7
135.0	65.31	77.42	88.24	96.19	109.9	108.3
138.0	61.16	73.72	83.25	92.49	108.3	109.2
141.0	56.72	68.83	78.60	88.42	103.9	111.0
144.0	51.49	64.50	74.62	83.23	97.31	112.2
147.0	47.38	59.81	69.22	77.95	90.68	109.7
150.0	44.13	53.75	63.01	72.57	82.93	106.4
153.0	41.37	49.31	57.56	66.29	74.25	98.08
156.0	38.71	46.82	51.09	58.13	65.66	84.15
159.0	34.92	42.27	45.46	49.80	56.87	67.74
162.0	30.12	37.00	41.21	41.92	46.61	51.70
165.0	25.27	31.64	35.82	35.37	35.75	37.86
168.0	18.92	24.96	28.71	28.41	25.95	26.28
171.0	10.13	16.35	20.26	20.82	18.89	17.80
174.0	3.602	4.213	7.210	8.456	8.675	6.842
177.0	3.377	3.428	3.399	3.428	3.314	3.243
180.0	3.202	3.188	3.161	3.139	3.098	3.053

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-04-16

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: