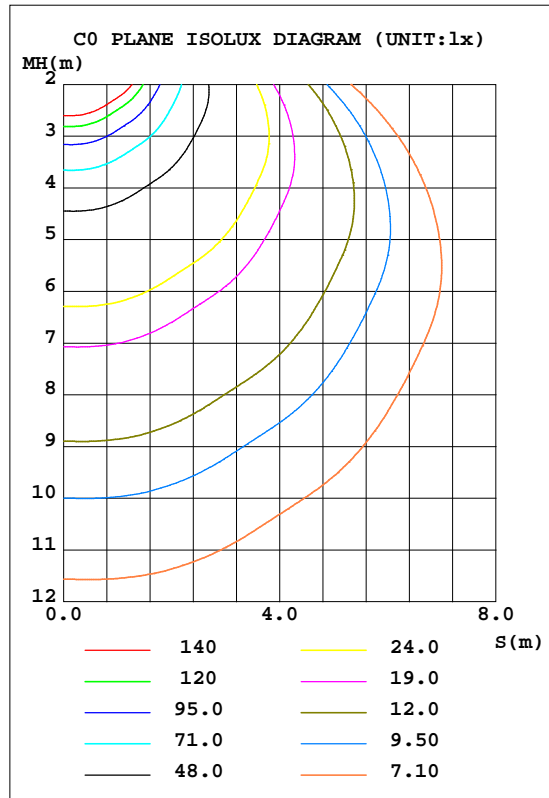
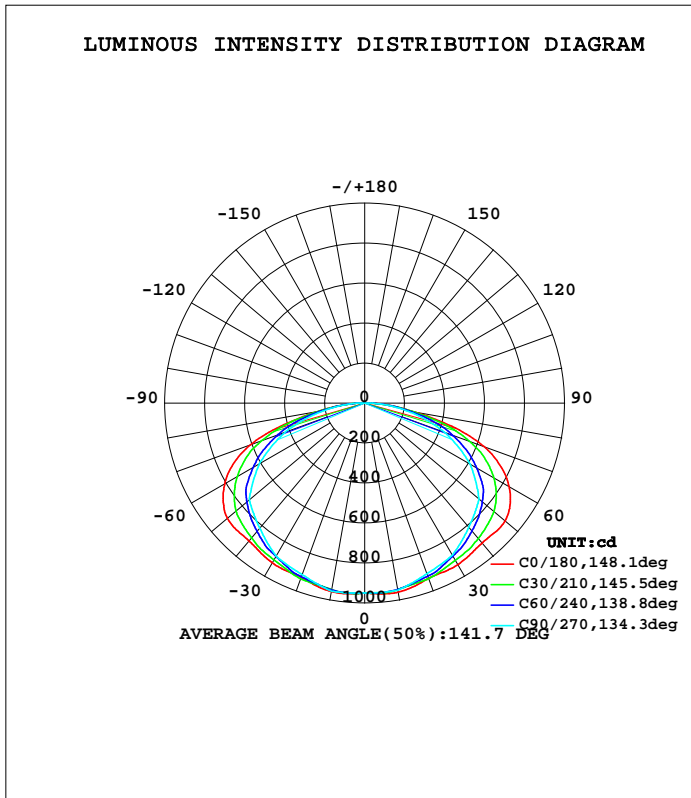


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.28 lm/W			
MODEL	TT22-DM-40E	I _{max} (cd)	961.4	S/MH(C0/180)	1.47
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.38
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	3778.1	η UP, DN(C0-180)	0.0,49.9
NOMINAL FLUX(lm)	3778.14	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.55



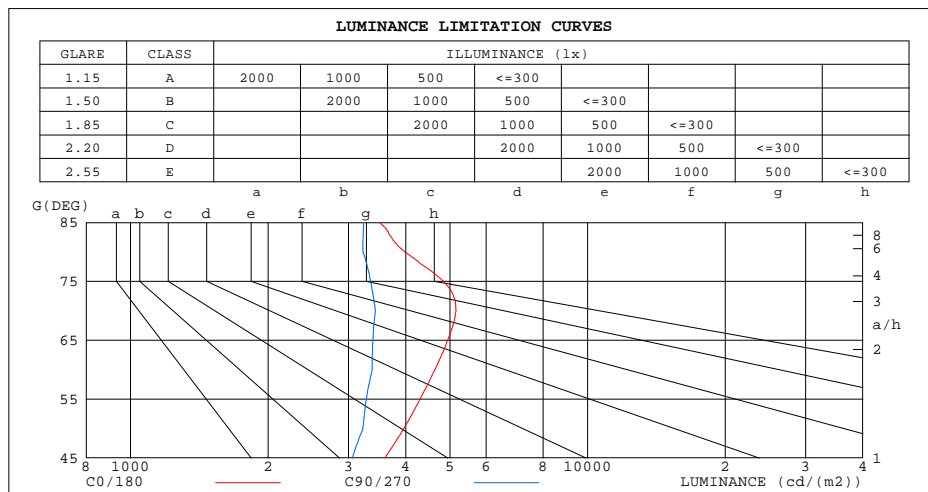
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [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	$\$lum, lamp$
5	957.7	952.7	950.1	952.1	957.1	953.7	952.5	954.4	0- 5	22.78	22.78	0.60,0.60
10	960.0	945.7	950.6	943.7	956.9	947.0	955.5	948.9	5- 10	68.16	90.94	2.41,2.41
15	949.9	930.3	929.5	928.4	945.0	932.5	934.2	934.7	10- 15	111.9	202.8	5.37,5.37
20	933.1	923.9	908.4	920.4	927.5	925.6	912.9	929.0	15- 20	153.5	356.3	9.43,9.43
25	932.3	908.6	893.4	903.7	926.1	908.7	899.1	913.8	20- 25	192.9	549.3	14.5,14.5
30	933.2	890.3	878.4	885.8	923.3	890.8	885.4	896.3	25- 30	228.7	778.0	20.6,20.6
35	923.3	877.0	844.7	871.4	911.6	877.5	850.9	883.8	30- 35	261.4	1039	27.5,27.5
40	913.9	856.7	811.0	850.6	900.4	856.3	816.4	863.8	35- 40	290.7	1330	35.2,35.2
45	918.2	831.7	778.8	824.8	902.1	831.8	785.1	840.0	40- 45	315.3	1645	43.5,43.5
50	917.1	805.4	746.6	797.5	896.6	804.5	753.8	813.9	45- 50	334.0	1979	52.4,52.4
55	887.7	751.9	677.6	743.5	863.7	749.5	681.3	759.2	50- 55	344.0	2323	61.5,61.5
60	833.8	687.0	608.5	679.1	808.8	683.4	608.7	692.9	55- 60	340.5	2664	70.5,70.5
65	752.0	609.1	515.8	600.7	727.4	601.9	514.6	612.9	60- 65	323.1	2987	79.1,79.1
70	634.4	506.2	423.2	498.5	606.0	496.7	420.6	506.9	65- 70	287.6	3274	86.7,86.7
75	451.0	376.5	312.5	371.1	418.9	365.5	306.2	373.2	70- 75	232.6	3507	92.8,92.8
80	249.0	233.0	201.8	228.6	232.3	222.2	191.8	226.9	75- 80	158.4	3666	97,97
85	110.1	104.5	101.6	102.1	101.9	97.22	96.42	99.21	80- 85	86.14	3752	99.3,99.3
90	1.034	1.988	1.497	1.713	1.251	1.193	1.010	1.188	85- 90	26.49	3778	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



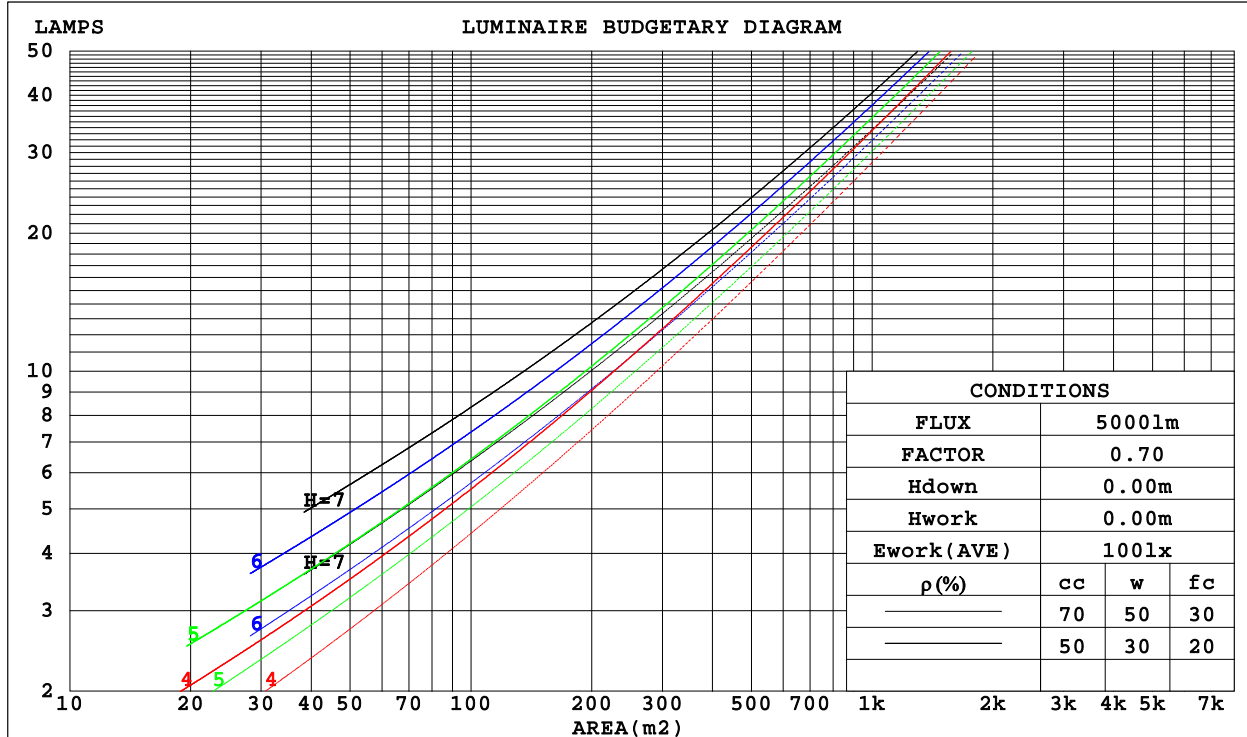
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	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	1.02	.97	.92	.99	.95	.91	.95	.91	.88	.91	.88	.85	.87	.85	.83	.80
2.0	.87	.79	.73	.85	.78	.72	.81	.75	.70	.78	.73	.68	.75	.71	.67	.64
3.0	.75	.66	.59	.73	.65	.58	.70	.63	.57	.67	.61	.56	.65	.59	.55	.53
4.0	.66	.56	.48	.64	.55	.48	.62	.54	.47	.59	.52	.47	.57	.51	.46	.44
5.0	.58	.48	.41	.57	.48	.41	.55	.46	.40	.52	.45	.40	.51	.44	.39	.37
6.0	.52	.42	.35	.51	.42	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.32
7.0	.46	.37	.31	.46	.37	.30	.44	.36	.30	.43	.35	.30	.41	.35	.30	.27
8.0	.42	.33	.27	.41	.33	.27	.40	.32	.27	.39	.32	.26	.38	.31	.26	.24
9.0	.39	.30	.24	.38	.30	.24	.37	.29	.24	.36	.29	.24	.35	.28	.23	.21
10.0	.35	.27	.21	.35	.27	.21	.34	.26	.21	.33	.26	.21	.32	.26	.21	.19



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	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	.353	.201	.064	.346	.197	.063	.332	.191	.061	.320	.184	.059	.308	.179	.058	
2.0	.327	.179	.055	.320	.176	.054	.308	.171	.053	.297	.167	.052	.287	.162	.051	
3.0	.298	.159	.048	.292	.157	.047	.282	.153	.046	.272	.149	.046	.263	.145	.045	
4.0	.272	.141	.042	.267	.140	.041	.257	.137	.041	.249	.134	.040	.240	.131	.040	
5.0	.249	.127	.037	.245	.126	.037	.236	.123	.036	.228	.120	.036	.221	.118	.035	
6.0	.229	.115	.033	.225	.114	.033	.218	.112	.032	.211	.109	.032	.204	.107	.032	
7.0	.212	.105	.030	.208	.104	.030	.202	.102	.029	.195	.100	.029	.189	.098	.029	
8.0	.197	.096	.027	.194	.095	.027	.188	.094	.027	.182	.092	.027	.177	.091	.026	
9.0	.183	.089	.025	.181	.088	.025	.175	.087	.025	.170	.085	.024	.165	.084	.024	
10.0	.172	.082	.023	.169	.082	.023	.164	.080	.023	.160	.079	.023	.155	.078	.022	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.183	.156	.131	.157	.134	.113	.107	.092	.078	.062	.053	.045	.020	.017	.015	
2.0	.177	.132	.094	.151	.113	.081	.104	.078	.057	.060	.046	.033	.019	.015	.011	
3.0	.170	.114	.070	.146	.099	.061	.100	.069	.043	.058	.040	.025	.019	.013	.008	
4.0	.162	.101	.055	.139	.088	.048	.096	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.155	.091	.044	.133	.079	.039	.092	.055	.027	.053	.032	.016	.017	.011	.005	
6.0	.147	.083	.037	.127	.072	.032	.087	.050	.023	.051	.030	.014	.016	.010	.004	
7.0	.140	.076	.031	.121	.066	.027	.083	.046	.019	.048	.027	.012	.016	.009	.004	
8.0	.133	.071	.027	.115	.061	.024	.080	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.127	.066	.024	.109	.057	.021	.076	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.121	.061	.022	.104	.053	.019	.072	.037	.013	.042	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm										
NAME: TT22-DM-40E					TYPE:LED			WEIGHT:		
SPEC.:					DIM.: 600*600			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	18.6	20.3	18.9	20.5	20.7	17.2	18.9	17.5	19.1	19.3
3H	21.0	22.5	21.3	22.7	23.0	19.1	20.6	19.4	20.9	21.1
4H	21.9	23.3	22.2	23.6	23.9	19.9	21.4	20.2	21.6	21.9
6H	22.4	23.8	22.7	24.1	24.4	20.5	21.9	20.8	22.1	22.4
8H	22.5	23.9	22.9	24.2	24.5	20.7	22.0	21.0	22.3	22.6
12H	22.6	23.9	23.0	24.2	24.5	20.8	22.1	21.2	22.4	22.7
4H 2H	19.2	20.7	19.6	21.0	21.2	18.2	19.7	18.5	19.9	20.2
3H	21.8	23.0	22.1	23.3	23.7	20.3	21.6	20.6	21.9	22.2
4H	22.8	24.0	23.2	24.3	24.6	21.2	22.3	21.5	22.7	23.0
6H	23.5	24.5	23.9	24.9	25.2	21.9	22.9	22.3	23.3	23.7
8H	23.6	24.6	24.1	25.0	25.4	22.1	23.1	22.6	23.5	23.9
12H	23.7	24.7	24.2	25.0	25.4	22.3	23.2	22.8	23.6	24.0
8H 4H	23.0	24.0	23.5	24.4	24.8	21.7	22.7	22.1	23.0	23.4
6H	23.9	24.7	24.3	25.1	25.5	22.6	23.4	23.0	23.8	24.2
8H	24.1	24.9	24.6	25.3	25.8	22.9	23.7	23.4	24.1	24.6
12H	24.3	25.0	24.8	25.4	25.9	23.2	23.9	23.7	24.3	24.8
12H 4H	23.1	24.0	23.5	24.4	24.8	21.7	22.6	22.1	23.0	23.4
6H	23.9	24.7	24.4	25.1	25.6	22.7	23.4	23.1	23.8	24.3
8H	24.3	24.9	24.7	25.3	25.8	23.1	23.7	23.6	24.2	24.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 3778 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.6)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

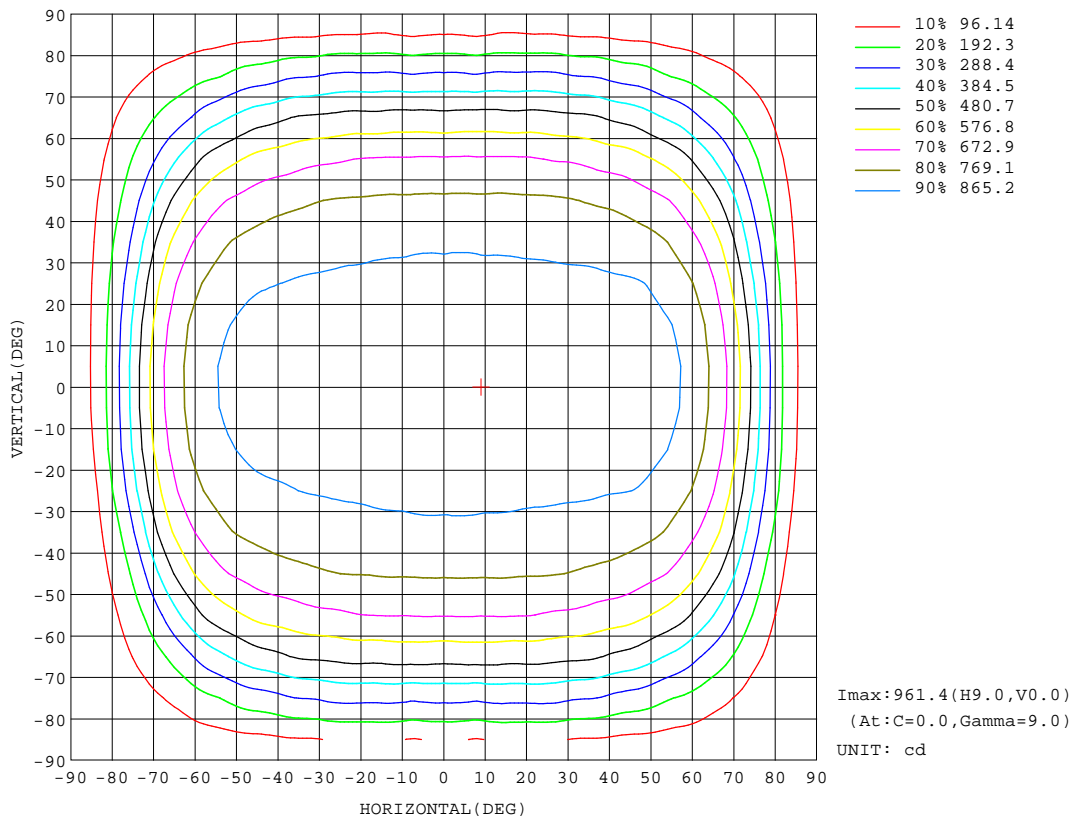
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	52	40	32	52	39	32	50	39	32	25
0.80	62	49	41	61	49	41	59	48	41	33
1.00	71	58	50	69	58	50	67	60	49	42
1.25	78	66	58	77	66	58	74	64	57	49
1.50	84	72	64	82	71	64	79	70	63	55
2.00	91	81	74	89	80	73	86	78	72	63
2.50	96	87	80	94	85	79	89	83	77	68
3.00	100	92	85	97	90	84	93	87	82	73
4.00	104	98	92	102	96	91	97	92	88	79
5.00	107	101	97	104	99	95	100	96	92	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

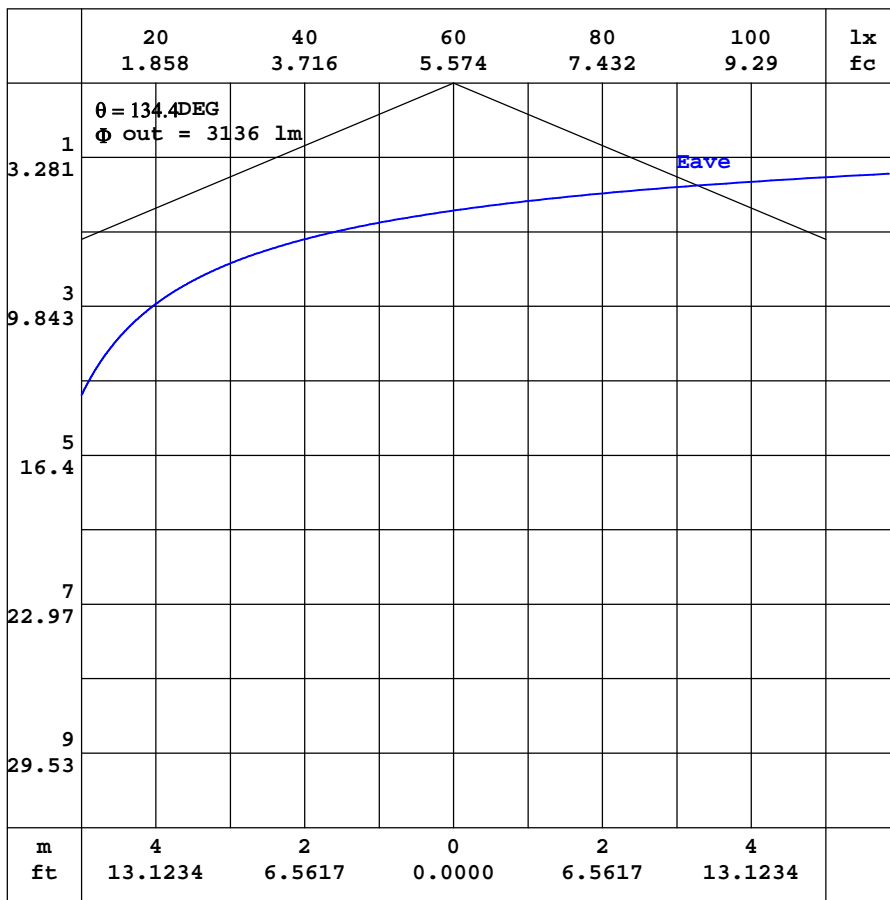


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

AAI CURVES

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



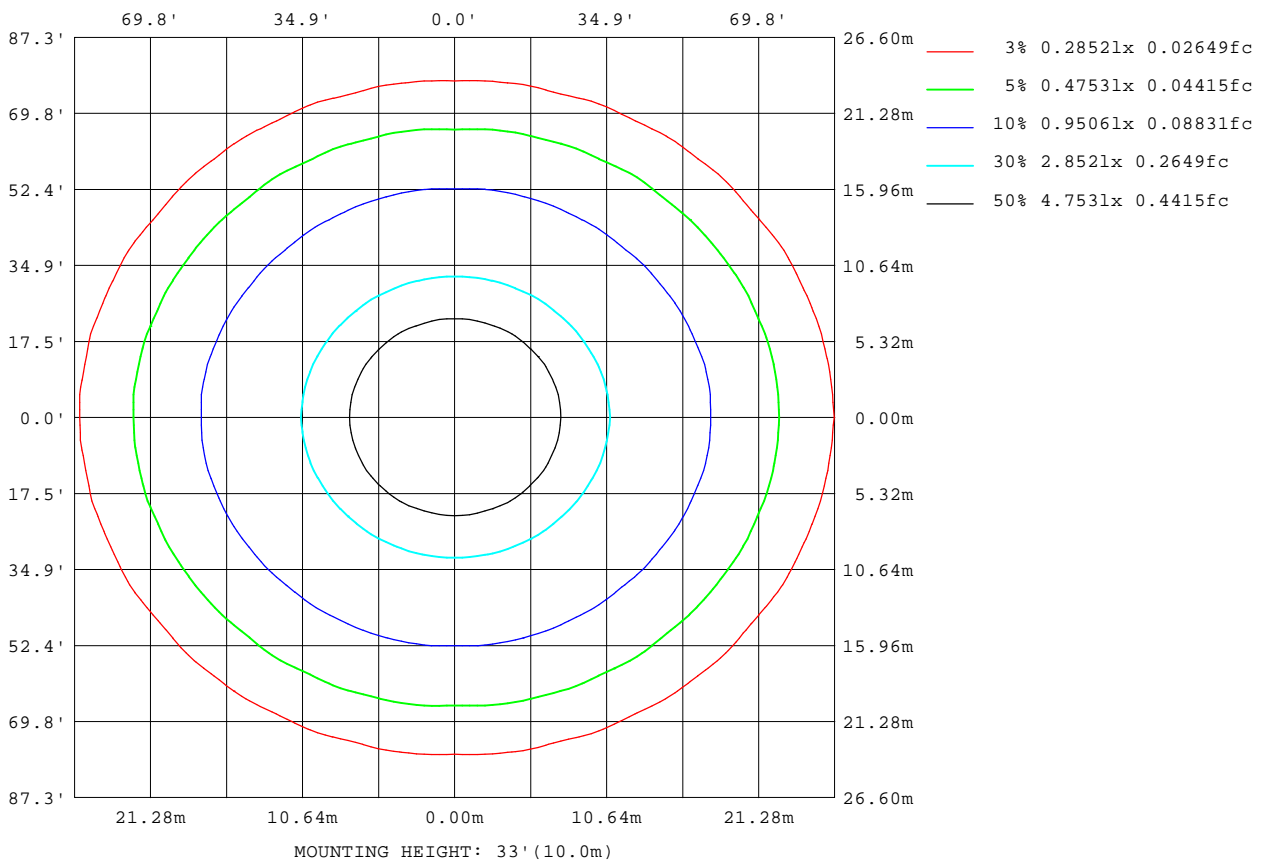
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

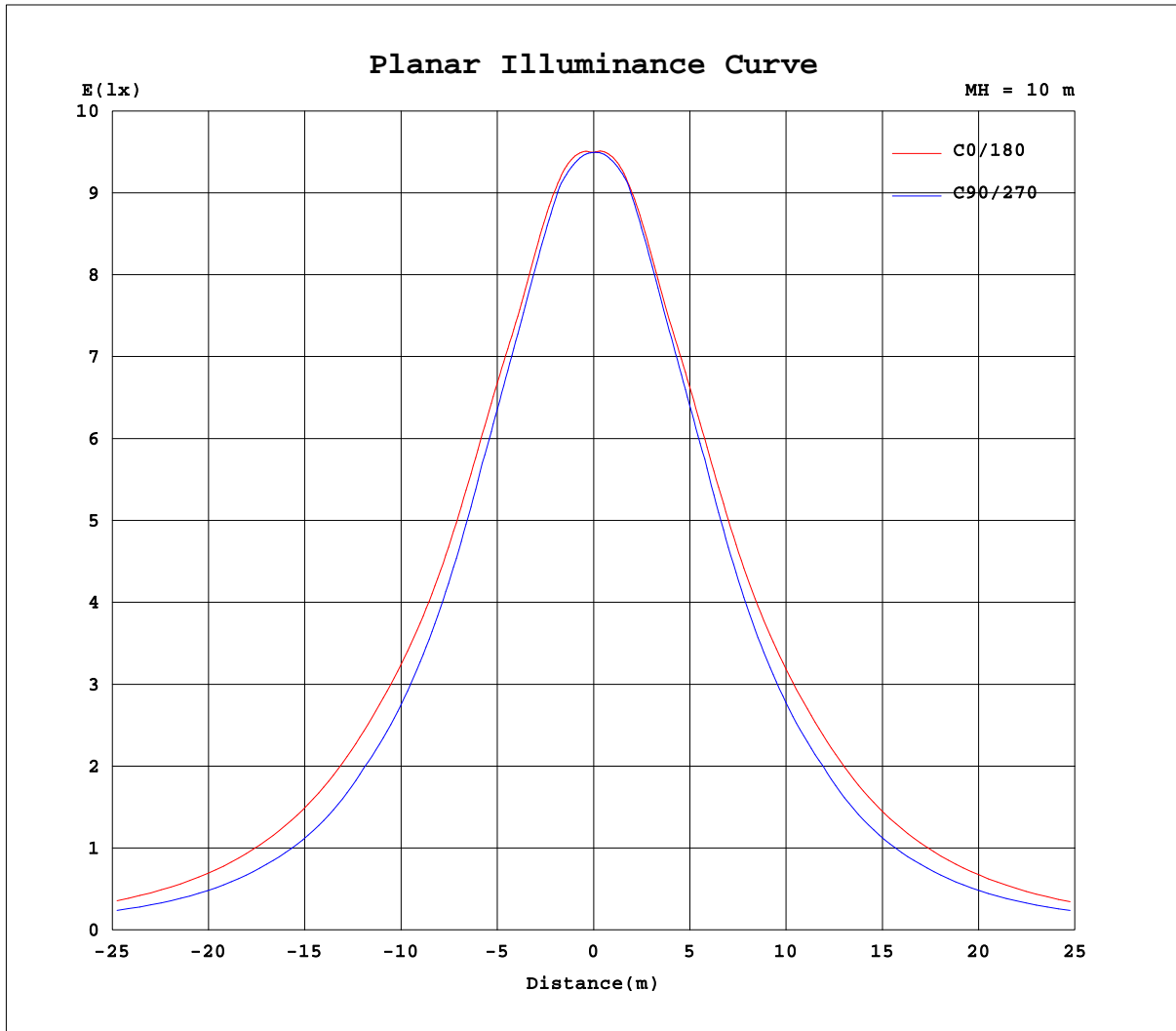
AvgL	cd/m2
L_0~180(65)av	4862
L_0~180(75)av	4668
L_0~180(85)av	3379
L_90~270(65)av	3387
L_90~270(75)av	3320
L_90~270(85)av	3156
L_45(65)av	3984
L_45(75)av	3988
L_45(85)av	3212

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.370m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test: U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

γ (DEG)	C(DEG)																		
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
5	958	957	956	956	955	955	954	954	953	953	952	952	952	952	951	951	951	950	950
10	960	958	955	953	951	950	948	947	946	946	946	946	947	948	949	950	951	951	951
15	950	948	946	944	942	940	938	935	932	930	930	932	933	933	933	932	932	930	930
20	933	933	934	935	936	936	935	930	926	924	922	921	922	922	921	918	914	911	908
25	932	930	928	927	927	925	920	915	911	909	908	908	906	902	900	898	896	895	893
30	933	926	920	914	912	910	908	903	895	890	888	887	883	877	872	872	875	878	878
35	923	919	915	909	904	901	900	892	884	877	873	871	864	856	850	848	848	847	845
40	914	914	915	909	899	893	884	875	865	857	851	843	835	830	828	826	823	816	811
45	918	913	910	901	891	877	866	858	844	832	824	818	806	797	793	787	783	781	779
50	917	905	895	887	876	860	844	829	818	805	789	779	768	760	756	746	740	744	747
55	888	880	870	860	844	829	804	790	773	752	741	735	721	710	700	689	682	680	678
60	834	833	824	806	787	769	746	727	711	687	675	662	646	642	633	627	623	617	608
65	752	749	742	724	704	690	667	649	631	609	600	586	563	558	543	535	530	523	516
70	634	622	612	602	587	579	557	537	529	506	495	481	468	463	442	435	435	428	423
75	451	441	432	434	426	415	414	393	389	376	375	365	355	350	334	327	315	312	312
80	249	244	230	235	242	239	239	235	243	233	234	228	226	228	220	218	195	196	202
85	110	80.7	81.2	83.0	93.1	95.7	103	103	109	105	111	110	111	114	110	110	98.3	98.6	102
90	1.03	2.52	2.54	2.38	2.24	2.27	2.21	2.14	2.07	1.99	1.91	1.85	1.79	1.73	1.68	1.62	1.59	1.54	1.50

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.370m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
5	950	951	951	951	951	951	952	952	952	952	953	953	954	954	955	956	956	957	957
10	950	950	948	947	946	945	944	944	944	944	945	946	947	949	950	952	955	957	955
15	930	931	932	932	931	931	929	928	928	930	933	935	937	939	940	942	943	945	944
20	911	914	917	919	920	919	919	920	920	923	926	931	932	931	930	929	928	927	929
25	895	895	896	898	900	903	904	904	904	906	910	915	919	921	921	922	924	926	925
30	877	873	870	870	875	880	883	884	886	891	897	901	903	904	907	911	917	923	918
35	846	847	846	848	853	861	866	868	871	877	885	891	892	894	899	904	908	912	910
40	816	823	824	825	826	831	839	845	851	858	867	875	882	889	897	902	901	900	903
45	780	782	786	790	793	802	813	818	825	836	849	856	866	878	886	894	897	902	900
50	743	738	744	753	756	764	773	782	798	809	818	832	846	860	870	878	887	897	889
55	680	680	688	697	705	716	730	734	744	762	777	790	815	827	841	850	859	864	863
60	617	622	625	630	637	641	656	667	679	702	715	733	753	770	786	802	810	809	815
65	523	529	532	540	553	558	581	592	601	621	638	653	673	686	707	717	728	727	733
70	428	433	433	441	459	464	477	488	498	519	525	543	562	565	579	589	600	606	605
75	311	316	325	332	348	351	361	368	371	381	382	397	391	395	394	399	415	419	419
80	194	197	218	218	226	223	226	229	229	236	227	225	213	204	195	189	215	232	236
85	97.3	99.4	110	109	113	109	109	107	102	105	98.2	93.9	84.3	79.4	73.7	65.8	66.3	102	106
90	1.48	1.52	1.54	1.58	1.62	1.68	1.73	1.73	1.71	1.82	1.86	1.95	2.02	2.05	2.13	2.06	1.87	1.25	1.35

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEC) γ (DEC)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
5	956	956	955	955	954	954	954	954	954	954	954	954	953	953	953	953	952	953	953
10	953	952	950	949	948	947	947	947	947	948	949	950	952	953	955	955	955	956	955
15	943	942	941	940	939	937	934	933	933	934	936	936	937	936	936	935	934	935	937
20	931	932	934	936	935	931	928	926	925	924	925	926	925	923	920	916	913	916	920
25	924	924	926	924	920	915	911	909	909	909	908	906	904	902	901	901	899	901	902
30	914	910	908	908	906	902	896	891	889	889	886	881	876	877	880	884	885	885	882
35	908	904	899	898	897	891	883	878	875	874	868	860	854	853	854	853	851	854	855
40	907	902	893	887	881	873	864	856	852	845	838	833	832	832	830	823	816	823	831
45	899	892	883	872	863	856	843	832	825	820	808	800	797	792	789	787	785	788	790
50	883	876	867	853	840	826	816	804	790	780	770	763	760	750	744	750	754	751	745
55	856	847	833	821	797	784	768	750	740	734	721	711	702	692	685	684	681	684	686
60	807	791	776	758	737	720	706	683	672	660	644	640	631	626	625	619	609	619	627
65	722	712	691	678	657	641	624	602	594	582	560	554	539	532	528	522	515	522	530
70	596	588	573	568	545	525	519	497	487	474	461	457	437	431	428	423	421	424	430
75	416	416	412	399	398	380	377	365	365	355	345	341	326	319	308	304	306	306	309
80	235	238	236	230	228	223	232	222	222	216	213	215	208	207	186	184	192	186	186
85	105	105	103	98.6	97.3	96.0	101	97.2	102	102	102	106	103	104	93.6	92.5	96.4	93.4	93.5
90	1.34	1.33	1.31	1.30	1.27	1.25	1.22	1.19	1.17	1.14	1.10	1.09	1.06	1.03	1.03	1.03	1.01	1.02	1.03

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-05-21

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3170A P:37.67W PF:0.9896 Lamp Flux:3778.14x1 lm		
NAME: TT22-DM-40E	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 600*600	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950				
5	953	953	954	954	954	954	954	955	955	955	956	956	956	957	957				
10	954	953	952	951	950	949	949	949	950	950	951	953	954	956	958				
15	937	938	938	938	936	935	935	936	939	941	943	945	946	947	949				
20	923	926	928	927	927	928	929	931	935	939	941	939	938	936	934				
25	904	906	908	912	914	914	914	916	920	925	930	932	931	930	931				
30	878	878	884	890	894	894	896	901	908	913	916	916	918	923	928				
35	855	857	863	872	879	880	884	890	899	906	907	909	914	918	921				
40	834	836	837	843	851	858	864	872	882	891	899	906	915	919	917				
45	795	801	804	813	827	833	840	852	866	874	885	898	907	915	916				
50	752	764	768	776	787	798	814	827	838	853	868	884	894	901	909				
55	695	706	716	727	742	748	759	781	798	812	838	852	867	877	884				
60	630	636	646	651	667	680	693	718	734	754	777	795	813	830	837				
65	535	543	559	566	590	604	613	636	654	672	697	710	731	747	752				
70	432	441	462	467	481	495	507	531	539	561	583	591	608	617	626				
75	321	329	345	350	360	370	373	387	391	414	416	427	437	435	445				
80	209	211	218	217	220	227	227	237	230	235	238	247	248	246	248				
85	105	105	108	105	104	105	99.2	103	97.5	98.7	97.7	103	105	106	109				
90	1.03	1.05	1.09	1.12	1.14	1.16	1.19	1.22	1.24	1.26	1.28	1.31	1.31	1.31	1.32				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-05-21

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.370m [K=1.0000]
 Remarks: