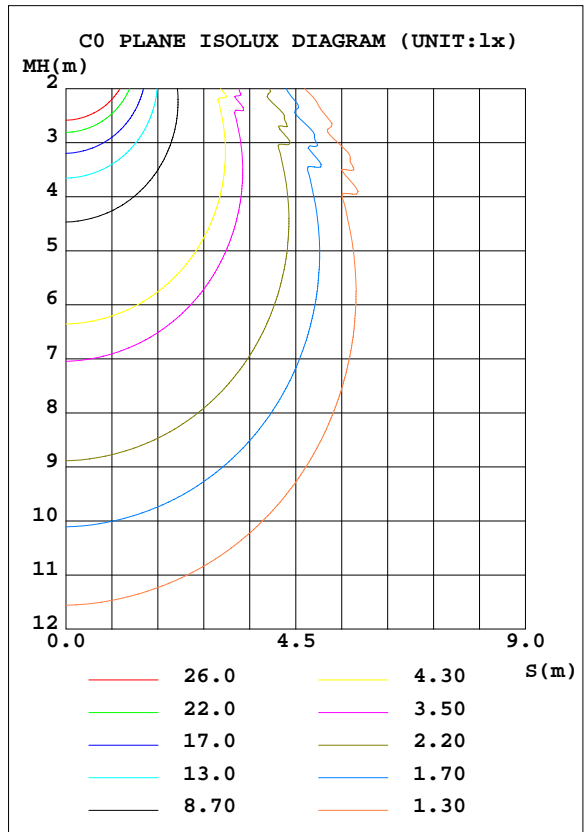
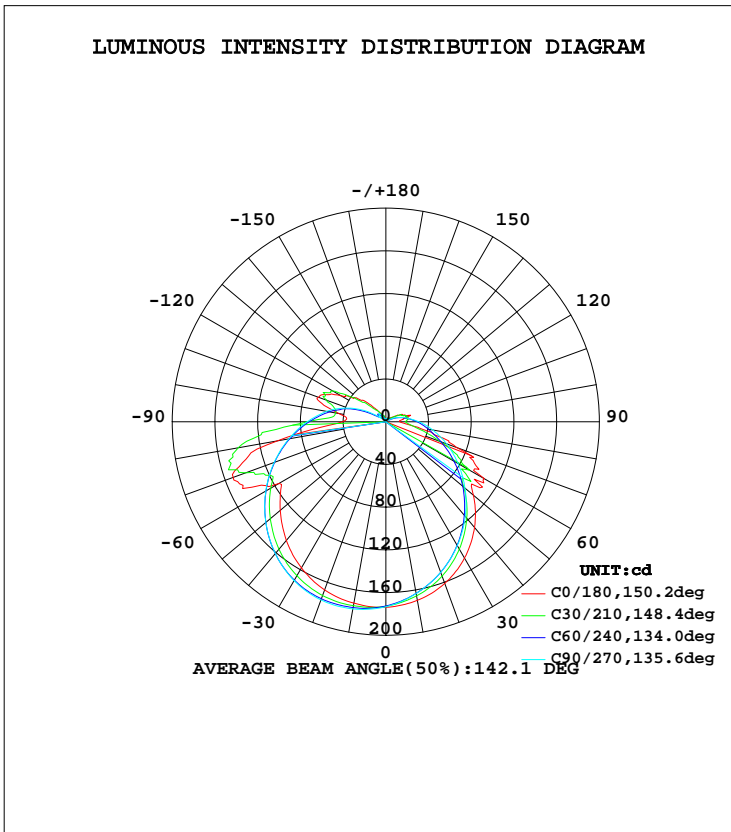


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 49.81 lm/W			
MODEL	4404	I _{max} (cd)	180.9	S/MH(C0/180)	1.36
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.47
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	802.58	η UP, DN(C0-180)	5.9,35.1
NOMINAL FLUX(lm)	802.582	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	10.4,48.6
LAMPS INSIDE	1	η up(%)	16.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down(%)	83.7	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	169.8	164.3	163.3	167.9	172.5	175.8	177.9	174.8	0- 10	16.44	16.44	2.05,2.05
20	161.2	151.7	150.1	157.5	167.6	175.1	177.6	170.8	10- 20	47.46	63.90	7.96,7.96
30	147.4	135.3	133.9	143.9	158.1	169.4	171.8	161.5	20- 30	73.27	137.2	17.1,17.1
40	129.2	115.7	115.7	127.4	145.0	159.1	161.0	147.7	30- 40	91.13	228.3	28.4,28.4
50	107.1	94.28	96.79	109.1	129.1	144.6	146.7	130.4	40- 50	99.54	327.8	40.8,40.8
60	106.4	72.53	78.07	90.27	115.4	127.5	129.9	111.1	50- 60	99.75	427.6	53.3,53.3
70	70.45	55.02	60.51	72.05	152.1	109.0	111.2	91.25	60- 70	96.51	524.1	65.3,65.3
80	30.82	37.36	44.63	56.11	102.6	105.3	92.27	72.24	70- 80	85.60	609.7	76,76
90	13.12	28.19	30.96	46.34	40.47	80.24	73.63	55.06	80- 90	62.01	671.7	83.7,83.7
100	16.50	21.96	20.10	36.81	44.56	57.00	56.26	40.23	90-100	44.16	715.9	89.2,89.2
110	19.21	15.01	11.98	23.70	67.06	45.59	37.52	22.40	100-110	35.90	751.8	93.7,93.7
120	11.39	6.490	4.296	13.37	49.04	25.32	17.72	5.930	110-120	24.17	775.9	96.7,96.7
130	5.644	4.971	3.192	8.430	33.09	18.45	5.611	10.53	120-130	12.35	788.3	98.2,98.2
140	4.281	4.498	3.266	5.013	17.03	11.22	10.12	6.647	130-140	7.294	795.6	99.1,99.1
150	3.968	3.720	3.135	3.993	8.202	7.334	5.611	3.995	140-150	3.861	799.4	99.6,99.6
160	3.194	2.661	2.719	3.654	5.799	5.817	2.930	2.789	150-160	1.962	801.4	99.9,99.9
170	2.765	2.735	2.773	2.800	3.474	2.762	2.704	2.841	160-170	0.9253	802.3	100,100
180	2.838	2.781	2.784	2.835	2.842	2.784	2.784	2.835	170-180	0.2665	802.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

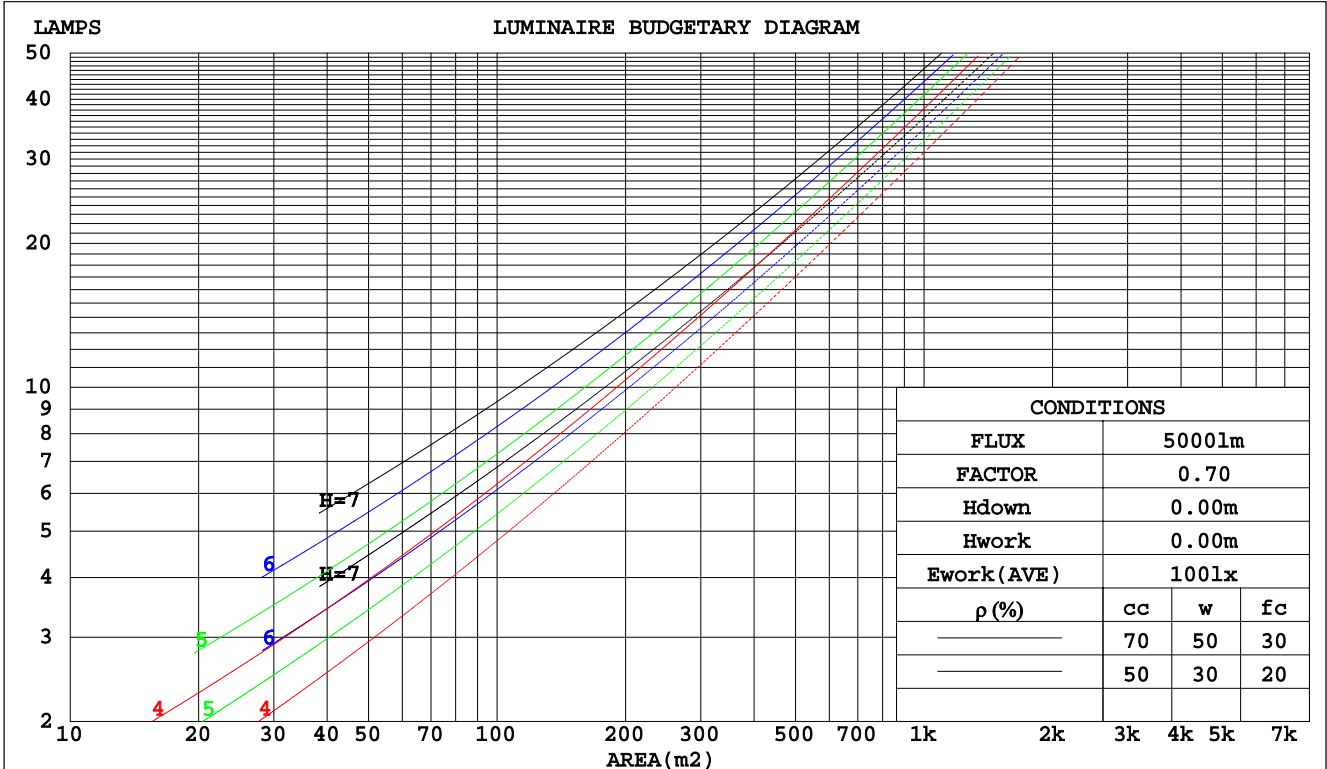
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:wxh
Test Date:2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.15	1.15	1.15	1.11	1.11	1.11	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.84
1.0	.96	.90	.85	.92	.87	.82	.84	.80	.77	.77	.74	.71	.71	.69	.66	.63
2.0	.81	.73	.67	.78	.71	.65	.72	.66	.61	.66	.61	.57	.61	.57	.53	.50
3.0	.70	.61	.54	.68	.59	.52	.62	.55	.49	.57	.51	.46	.53	.48	.44	.41
4.0	.62	.52	.45	.59	.50	.44	.55	.47	.41	.50	.44	.39	.46	.41	.37	.34
5.0	.55	.45	.38	.53	.44	.37	.49	.41	.35	.45	.38	.33	.41	.36	.31	.29
6.0	.49	.40	.33	.47	.38	.32	.44	.36	.30	.40	.34	.29	.37	.32	.27	.25
7.0	.44	.35	.29	.43	.34	.28	.40	.32	.27	.37	.30	.25	.34	.28	.24	.22
8.0	.40	.31	.25	.39	.30	.25	.36	.29	.24	.34	.27	.22	.31	.26	.21	.19
9.0	.37	.28	.23	.35	.28	.22	.33	.26	.21	.31	.25	.20	.29	.23	.19	.17
10.0	.34	.26	.20	.33	.25	.20	.31	.24	.19	.29	.22	.18	.27	.21	.17	.15



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.395	.224	.071	.382	.218	.069	.359	.206	.066	.338	.195	.063	.319	.185	.060	
2.0	.341	.187	.057	.330	.182	.056	.309	.172	.053	.290	.163	.051	.272	.154	.049	
3.0	.302	.161	.048	.292	.156	.047	.273	.148	.045	.256	.140	.043	.240	.133	.041	
4.0	.271	.141	.041	.262	.137	.041	.245	.130	.039	.229	.123	.037	.215	.117	.036	
5.0	.246	.125	.036	.238	.122	.036	.222	.116	.034	.208	.110	.033	.194	.104	.031	
6.0	.225	.113	.032	.217	.110	.032	.203	.104	.030	.190	.099	.029	.178	.094	.028	
7.0	.207	.102	.029	.200	.100	.028	.187	.095	.027	.175	.090	.026	.164	.085	.025	
8.0	.192	.094	.026	.186	.091	.026	.174	.087	.025	.163	.083	.024	.153	.078	.023	
9.0	.179	.086	.024	.173	.084	.024	.162	.080	.023	.152	.076	.022	.142	.072	.021	
10.0	.167	.080	.022	.162	.078	.022	.152	.074	.021	.142	.071	.020	.134	.067	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.315	.315	.315	.269	.269	.269	.184	.184	.184	.105	.105	.105	.034	.034	.034	
1.0	.311	.281	.253	.266	.241	.218	.182	.166	.151	.105	.096	.088	.034	.031	.028	
2.0	.305	.258	.218	.261	.222	.189	.179	.154	.132	.103	.089	.077	.033	.029	.025	
3.0	.297	.241	.197	.255	.208	.170	.175	.145	.120	.101	.084	.070	.032	.027	.023	
4.0	.290	.229	.182	.248	.198	.158	.171	.138	.112	.099	.081	.066	.032	.026	.022	
5.0	.282	.219	.173	.242	.189	.150	.167	.132	.106	.097	.078	.063	.031	.025	.021	
6.0	.274	.211	.166	.236	.183	.144	.163	.128	.102	.094	.075	.061	.030	.025	.020	
7.0	.267	.204	.161	.230	.177	.140	.159	.124	.099	.092	.073	.059	.030	.024	.020	
8.0	.260	.199	.157	.224	.172	.137	.155	.121	.097	.090	.071	.058	.029	.023	.019	
9.0	.254	.194	.154	.219	.168	.134	.151	.118	.095	.088	.070	.057	.029	.023	.019	
10.0	.248	.190	.151	.214	.165	.132	.148	.116	.094	.086	.069	.056	.028	.023	.019	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wqh
 Test Date:2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
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	13.4	14.8	13.9	15.3	15.8	12.2	13.6	12.7	14.1	14.6
3H	15.5	16.8	16.0	17.3	17.9	14.3	15.6	14.8	16.1	16.7
4H	16.2	17.4	16.7	17.9	18.5	15.4	16.6	15.9	17.2	17.8
6H	16.6	17.7	17.1	18.3	18.9	16.6	17.8	17.1	18.3	18.9
8H	16.7	17.8	17.3	18.4	19.0	17.2	18.4	17.8	18.9	19.6
12H	16.8	17.9	17.4	18.5	19.1	18.0	19.1	18.6	19.7	20.3
4H 2H	13.8	15.1	14.3	15.6	16.2	12.9	14.1	13.4	14.7	15.3
3H	16.0	17.1	16.6	17.7	18.3	15.1	16.2	15.7	16.8	17.4
4H	16.7	17.7	17.3	18.3	19.0	16.4	17.4	17.0	18.0	18.6
6H	17.2	18.1	17.8	18.7	19.4	17.8	18.7	18.4	19.3	20.0
8H	17.3	18.2	18.0	18.8	19.5	18.5	19.4	19.2	20.0	20.7
12H	17.5	18.3	18.1	18.9	19.7	19.4	20.2	20.1	20.8	21.6
8H 4H	17.0	17.9	17.6	18.5	19.2	16.7	17.6	17.4	18.2	18.9
6H	17.6	18.3	18.3	19.0	19.8	18.4	19.1	19.1	19.8	20.5
8H	17.9	18.5	18.5	19.2	20.0	19.3	20.0	20.0	20.7	21.5
12H	18.1	18.6	18.8	19.3	20.2	20.5	21.0	21.2	21.7	22.5
12H 4H	17.1	17.9	17.7	18.5	19.3	16.7	17.5	17.4	18.2	18.9
6H	17.8	18.5	18.5	19.2	20.0	18.5	19.2	19.2	19.8	20.6
8H	18.2	18.7	18.9	19.4	20.3	19.6	20.1	20.3	20.8	21.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.4 / - 0.2					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 802.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.8)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

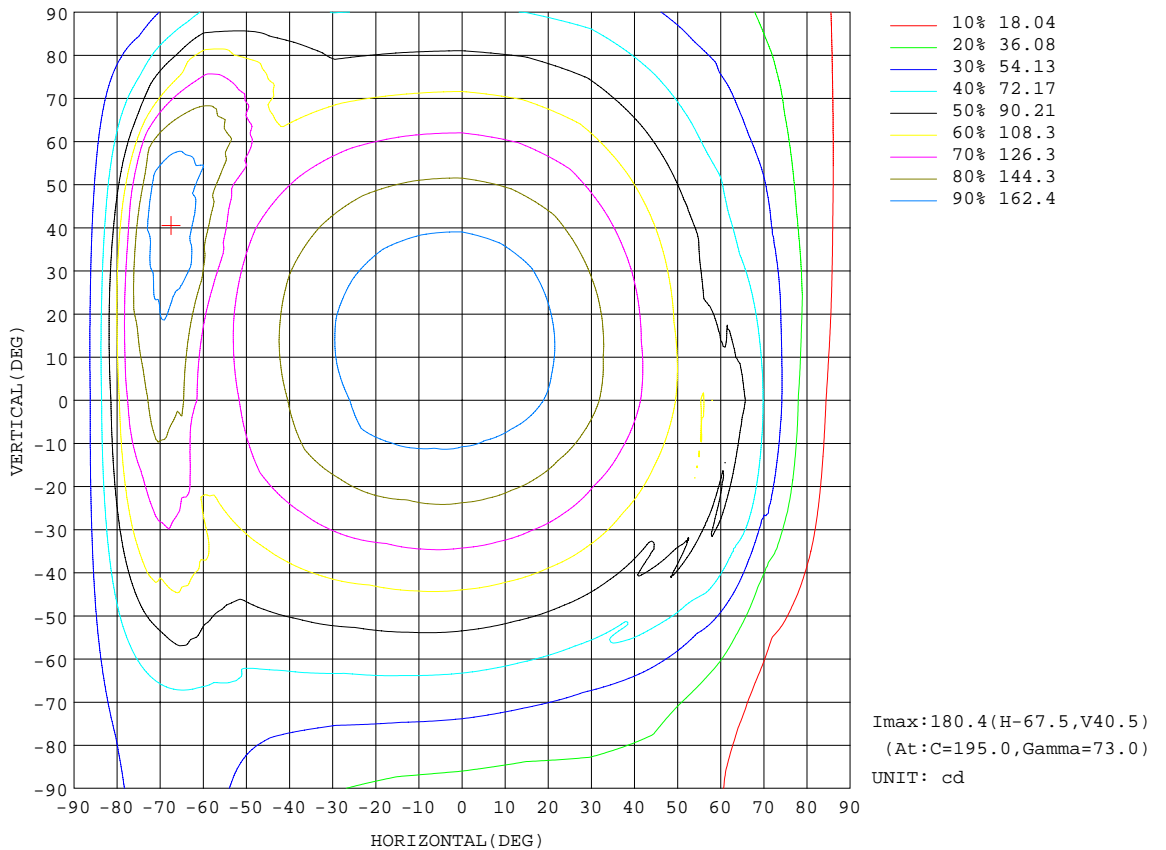
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	48	35	28	47	35	28	45	34	27	21
0.80	57	44	36	55	43	35	53	42	34	27
1.00	64	51	43	63	50	42	59	51	41	33
1.25	71	59	50	69	57	49	65	55	48	38
1.50	76	64	55	74	63	54	69	60	52	42
2.00	84	73	64	81	71	63	75	67	60	49
2.50	88	78	70	85	76	68	79	71	65	53
3.00	92	83	75	89	80	73	82	75	70	57
4.00	97	89	82	93	86	80	86	80	75	61
5.00	100	93	87	96	90	84	89	84	79	65
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:wxh
 Test Date:2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

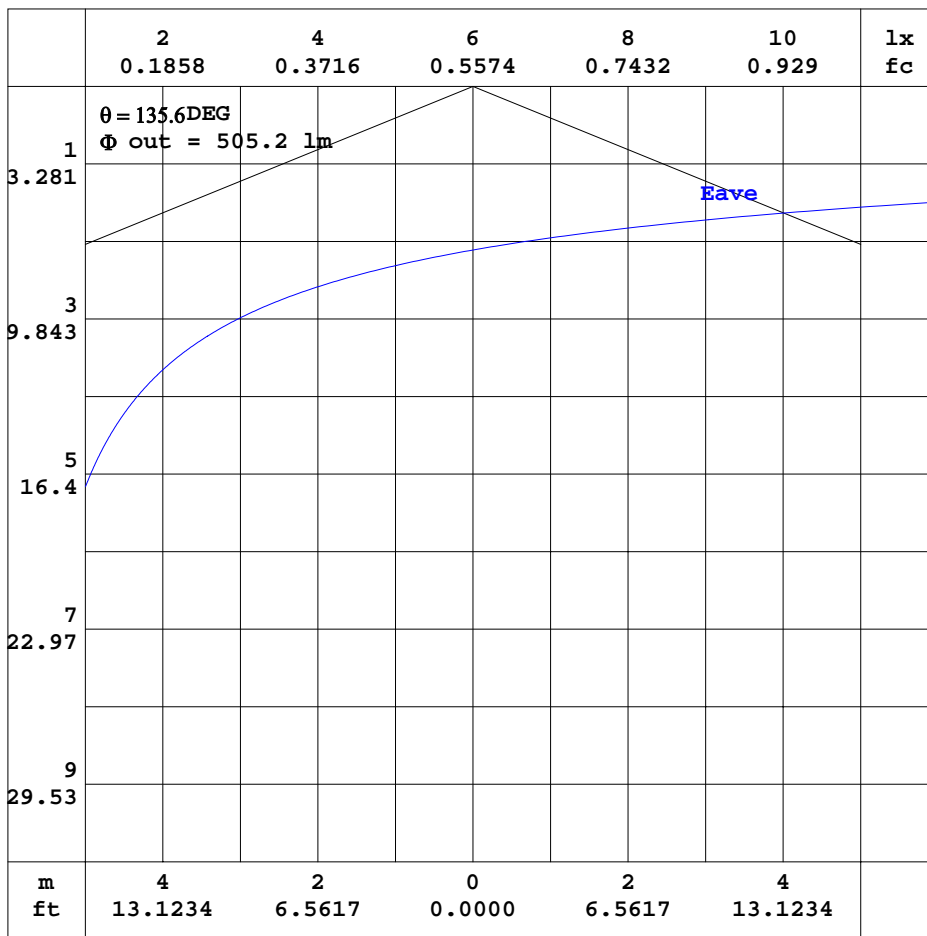


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

AAI CURVES

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



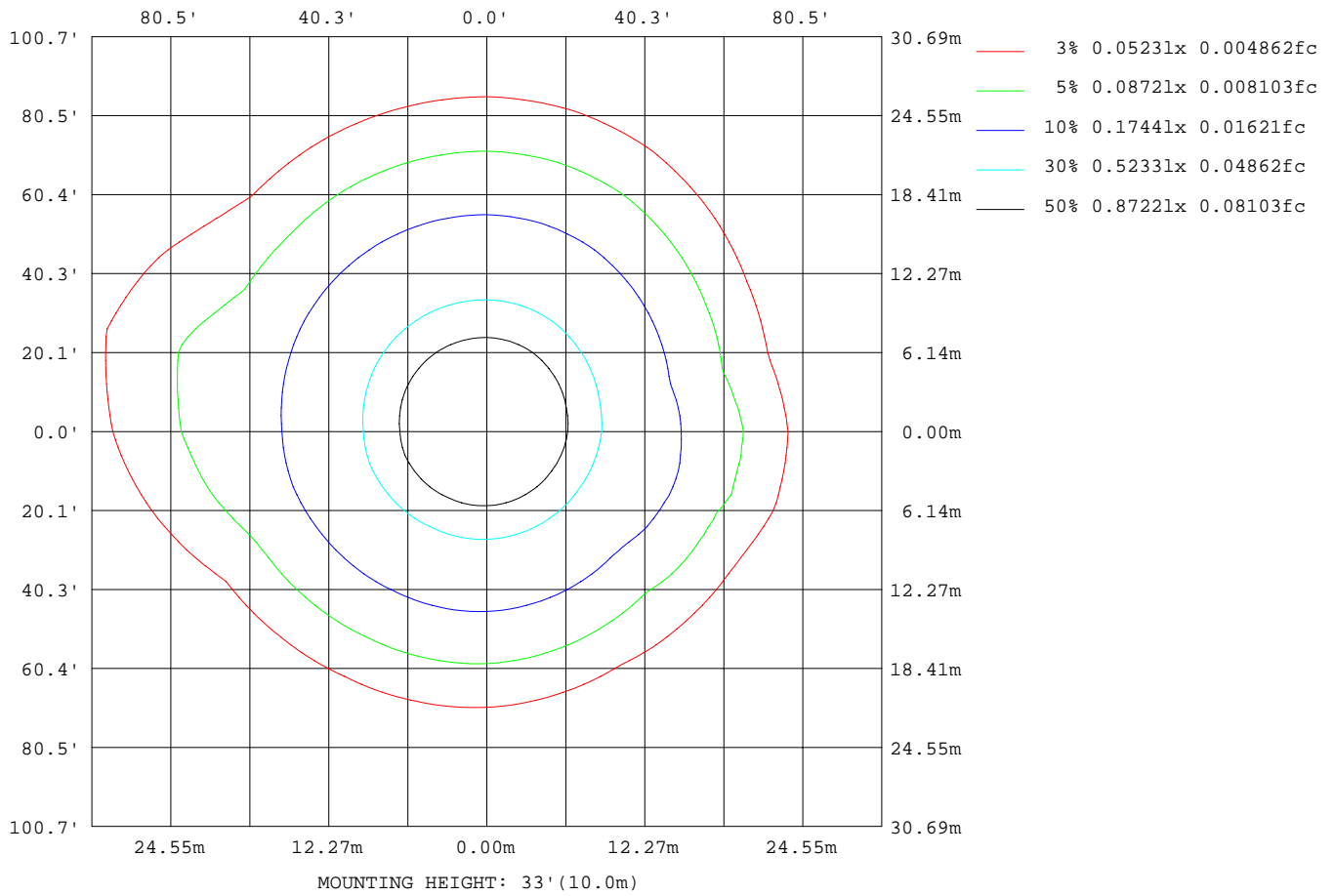
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

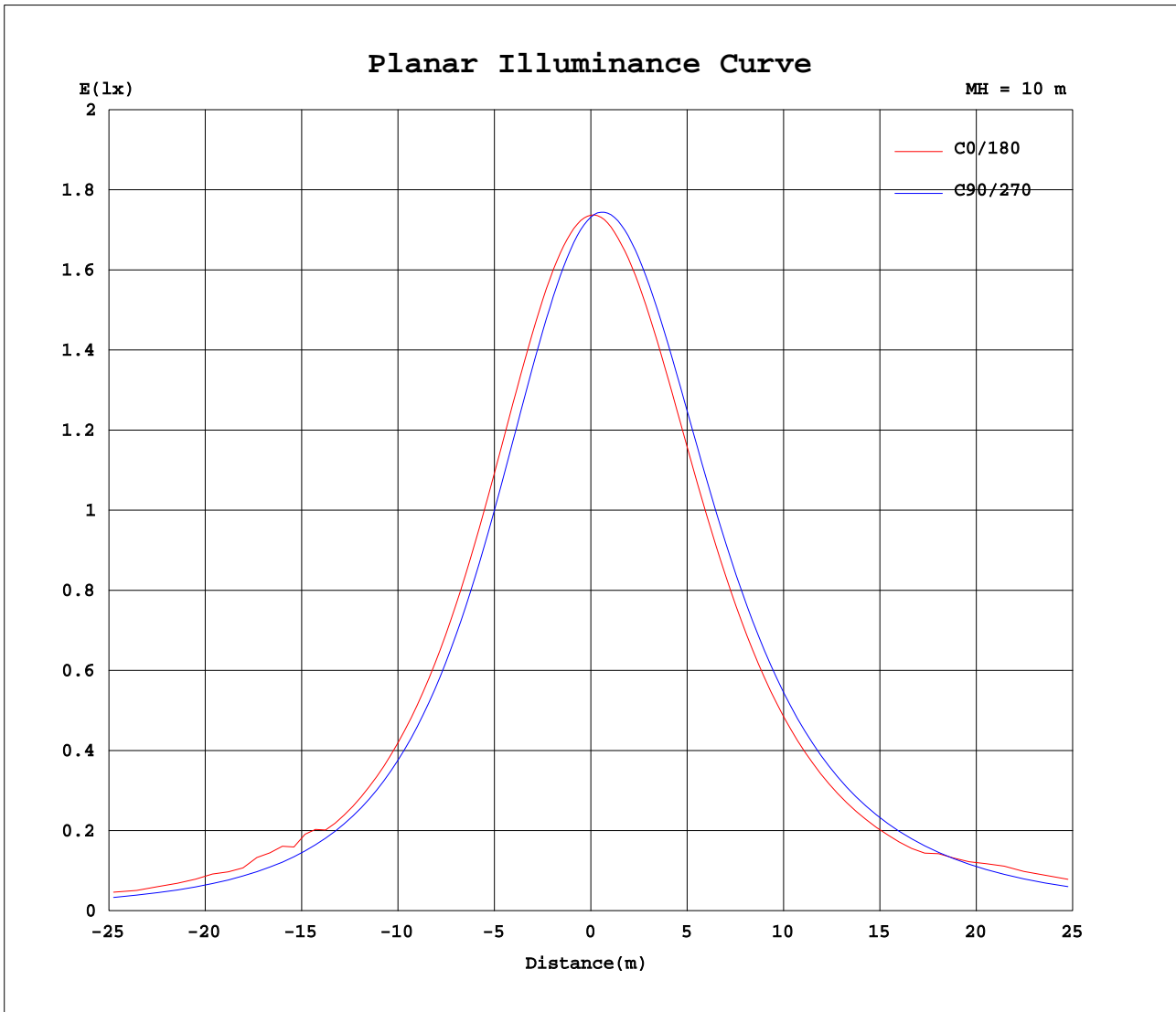
AvgL	cd/m2
L_0~180(65)av	2833
L_0~180(75)av	3520
L_0~180(85)av	4511
L_90~270(65)av	2246
L_90~270(75)av	2978
L_90~270(85)av	6902
L_45(65)av	2179
L_45(75)av	2811
L_45(85)av	6876

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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	174	173	173	173	173	173	173	173	173	174	175	176	174	173	173	173	173	173	173
5	172	171	170	169	168	169	169	169	170	172	173	175	174	174	174	175	175	176	176
10	170	168	166	164	163	163	163	164	165	168	170	173	172	174	175	176	177	178	178
15	166	163	160	159	157	157	157	158	160	163	166	170	171	173	175	176	177	178	178
20	161	157	154	152	150	150	150	152	153	157	162	167	168	171	173	175	176	177	178
25	155	150	146	144	142	142	142	144	146	151	156	162	163	167	170	173	175	175	175
30	147	142	138	135	134	133	134	136	138	144	149	156	158	163	167	169	171	172	172
35	139	133	128	126	124	124	125	127	130	136	142	149	152	157	162	165	167	167	167
40	129	123	118	116	114	114	116	118	121	127	134	141	145	151	156	159	161	162	161
45	119	112	107	105	104	105	106	109	112	118	125	133	137	143	149	152	154	155	154
50	107	100	95.3	94.3	94.0	94.8	96.8	99.2	103	109	116	125	129	135	141	145	147	147	147
55	108	104	97.5	83.1	83.7	85.0	87.3	89.8	93.2	99.7	107	116	121	127	133	136	138	139	139
60	106	100	90.8	72.5	73.6	75.4	78.1	80.5	83.9	90.3	97.8	107	115	119	124	128	130	130	130
65	91.5	81.3	73.7	67.7	64.0	66.3	69.2	71.5	74.9	81.0	89.1	116	148	151	119	118	121	121	121
70	70.5	70.3	54.4	55.0	54.9	57.5	60.5	62.8	66.0	72.0	79.5	118	152	174	140	109	111	111	111
75	46.6	33.5	38.9	44.4	47.1	49.3	52.4	54.5	57.7	63.5	76.6	105	136	179	150	102	101	101	102
80	30.8	17.2	27.2	37.4	40.4	41.7	44.6	46.6	50.1	56.1	66.1	83.4	103	150	140	105	91.2	91.8	92.3
85	17.1	8.43	21.0	32.0	34.7	34.8	37.4	39.3	43.2	50.6	60.8	63.6	61.6	85.9	116	93.7	81.5	82.4	82.9
90	13.1	7.86	18.5	28.2	29.3	28.6	31.0	32.7	37.0	46.3	59.4	58.0	40.5	45.0	73.7	80.2	71.9	73.0	73.6
95	13.1	11.5	20.1	24.8	24.2	23.3	25.2	26.8	31.3	41.9	58.0	55.8	36.9	26.8	50.8	64.7	62.6	63.8	64.7
100	16.5	15.7	21.5	22.0	19.6	18.4	20.1	21.4	26.0	36.8	54.9	58.7	44.6	32.2	48.0	57.0	53.8	55.0	56.3
105	24.1	17.1	19.3	18.9	15.5	14.3	15.7	16.7	21.0	31.0	51.1	66.8	60.1	50.2	50.0	53.8	44.3	45.1	47.4
110	19.2	15.2	17.6	15.0	11.1	10.7	12.0	12.5	16.0	23.7	42.2	66.8	67.1	63.2	58.7	45.6	35.5	34.9	37.5
115	16.8	12.9	16.0	9.48	6.49	7.43	8.51	8.71	11.1	16.9	35.1	59.3	60.1	63.9	65.0	31.9	23.9	25.1	27.8
120	11.4	10.9	10.1	6.49	3.57	3.97	4.30	3.97	6.46	13.4	27.6	44.6	49.0	53.4	57.9	25.3	12.8	14.4	17.7
125	7.58	8.35	6.86	5.27	3.30	3.12	2.90	2.67	5.45	11.2	20.9	35.0	39.7	41.8	41.3	21.3	8.22	5.46	7.46
130	5.64	5.86	5.24	4.97	3.83	3.40	3.19	2.89	4.37	8.43	14.6	25.4	33.1	36.1	28.2	18.4	9.60	6.19	5.61
135	4.73	5.03	4.99	4.57	4.09	3.73	3.21	2.66	3.42	6.51	10.8	16.8	26.6	25.4	20.7	15.7	10.3	9.17	8.71
140	4.28	4.57	4.31	4.50	3.70	3.73	3.27	2.66	3.28	5.01	7.94	11.4	17.0	15.6	14.5	11.2	8.29	9.63	10.1
145	4.11	4.18	4.26	4.19	3.41	3.56	3.24	2.72	3.15	4.41	6.15	7.94	11.9	12.0	10.7	8.48	6.65	7.00	7.88
150	3.97	4.06	3.97	3.72	2.87	3.50	3.14	2.71	3.25	3.99	5.04	6.03	8.20	8.52	8.43	7.33	5.75	5.16	5.61
155	3.60	3.65	3.54	3.18	2.74	3.11	2.89	2.64	3.09	3.83	4.59	4.76	6.55	6.86	7.06	6.84	5.03	3.59	3.91
160	3.19	3.22	2.99	2.66	2.66	2.75	2.72	2.70	2.91	3.65	4.31	4.49	5.80	6.12	6.42	5.82	3.54	3.11	2.93
165	2.71	2.71	2.71	2.70	2.70	2.68	2.66	2.70	2.67	3.07	3.71	4.39	5.27	5.43	5.16	3.73	2.75	2.73	2.72
170	2.77	2.77	2.75	2.74	2.70	2.72	2.77	2.69	2.68	2.80	2.92	3.13	3.47	3.37	3.06	2.76	2.72	2.72	2.70
175	2.81	2.82	2.80	2.77	2.76	2.83	2.86	2.78	2.72	2.71	2.74	2.76	2.82	2.80	2.79	2.75	2.72	2.71	2.71
180	2.84	2.84	2.82	2.78	2.76	2.81	2.78	2.74	2.82	2.83	2.84	2.91	2.84	2.84	2.82	2.78	2.76	2.81	2.78

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.8V I:0.1349A P:16.11W PF:0.9966 Lamp Flux:802.582x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	173	173	174	175	176														
5	176	175	175	175	175														
10	177	176	175	173	172														
15	177	176	173	171	169														
20	176	174	171	167	164														
25	174	171	167	162	158														
30	170	167	162	156	151														
35	165	161	155	149	143														
40	159	155	148	141	133														
45	152	147	139	131	123														
50	144	139	130	121	112														
55	136	131	121	111	100														
60	127	122	111	100	88.3														
65	118	112	101	89.4	86.3														
70	109	103	91.2	78.8	68.2														
75	99.4	93.4	81.5	68.6	65.7														
80	90.1	84.1	72.2	59.7	47.3														
85	80.9	75.1	63.4	51.3	35.9														
90	72.0	66.3	55.1	43.1	29.7														
95	63.4	58.1	47.4	36.5	25.4														
100	55.2	50.2	40.2	29.7	21.7														
105	46.2	41.3	31.7	21.2	18.9														
110	36.5	31.9	22.4	12.6	17.6														
115	26.9	21.9	11.7	10.0	13.8														
120	16.3	10.9	5.93	10.7	10.2														
125	5.95	4.85	8.35	9.28	7.68														
130	5.98	7.78	10.5	7.36	5.73														
135	9.46	11.1	8.45	5.87	4.80														
140	9.85	9.26	6.65	4.70	4.54														
145	7.36	6.92	5.31	4.09	4.48														
150	5.22	4.84	4.00	4.11	4.45														
155	3.50	2.98	3.45	3.93	4.31														
160	2.72	2.72	2.79	3.40	3.81														
165	2.77	2.75	2.72	2.82	2.81														
170	2.74	2.94	2.84	2.77	2.88														
175	2.72	2.75	2.83	2.85	2.87														
180	2.74	2.81	2.83	2.84	2.90														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wqh
 Test Date:2017-03-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: