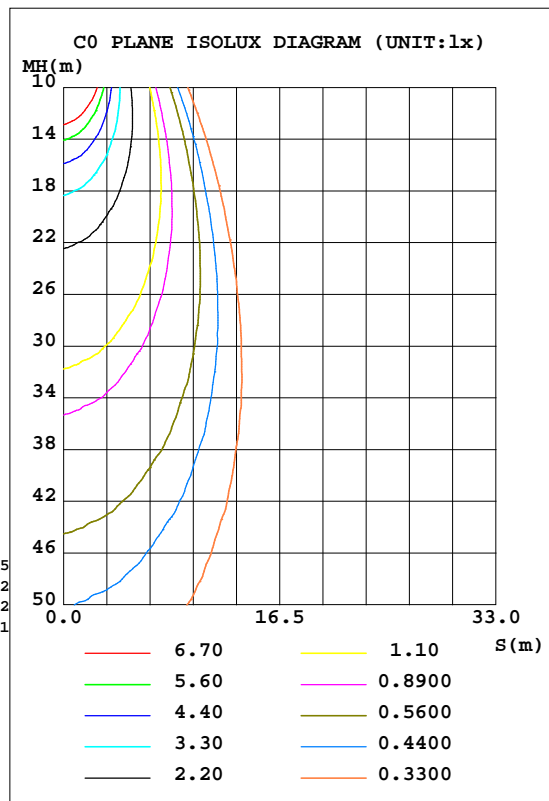
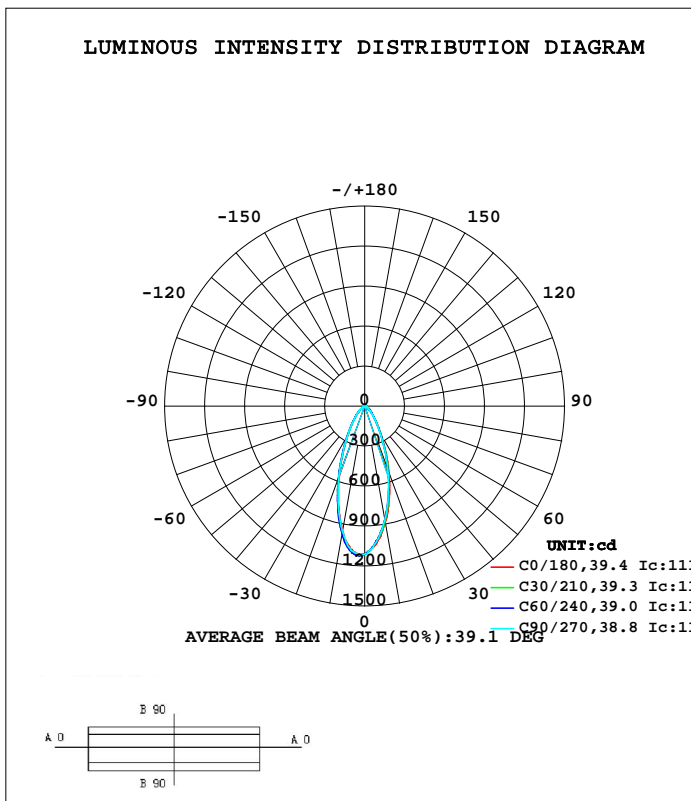


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.11 lm/W
MODEL	AC COB	I _{max} (cd)	1126	S/MH(C0/180)	0.65	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.65	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	765.01	η UP, DN(C0-180)	0.8,47.6	
NOMINAL FLUX(lm)	756.014	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7,50.8	
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	120	η down(%)	98.5	CIBSE SHR MAX	0.70	



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	1037	1023	1021	1052	1081	1103	1093	1060	0- 5	25.91	25.91	3.77,3.77
10	887.9	875.1	872.2	906.2	954.3	977.5	960.7	921.0	5- 10	70.64	96.55	14.14
15	714.8	693.1	684.9	716.0	760.7	783.0	768.6	740.8	10- 15	97.60	194.2	28.2,28.2
20	536.5	518.8	510.8	526.6	560.5	578.5	568.5	549.1	15- 20	104.4	298.6	43.4,43.4
25	373.7	360.0	352.5	364.4	386.8	400.2	392.3	383.0	20- 25	95.36	393.9	57.3,57.3
30	248.6	239.5	234.4	240.9	257.2	265.8	262.9	254.6	25- 30	78.03	472.0	68.6,68.6
35	165.3	158.6	155.6	159.6	171.1	176.1	174.4	169.8	30- 35	60.26	532.2	77.4,77.4
40	111.4	106.6	104.0	106.9	114.0	118.2	116.6	114.1	35- 40	45.49	577.7	84.84
45	77.37	73.80	71.87	73.41	77.28	79.63	80.05	78.37	40- 45	34.30	612.0	89.89
50	51.66	49.17	46.78	46.62	48.20	50.00	51.04	51.67	45- 50	25.18	637.2	92.6,92.6
55	28.53	27.65	24.69	25.38	25.57	26.30	26.49	27.90	50- 55	16.01	653.2	94.9,94.9
60	15.82	15.72	13.91	14.53	14.43	14.55	13.83	15.14	55- 60	9.149	662.3	96.3,96.3
65	10.14	10.12	9.416	9.786	9.790	9.605	9.020	9.675	60- 65	5.691	668.0	97.1,97.1
70	6.624	6.448	5.759	5.914	5.919	5.728	5.380	5.990	65- 70	3.954	672.0	97.7,97.7
75	4.483	4.359	4.008	4.008	4.059	3.847	3.688	4.029	70- 75	2.563	674.5	98.98
80	2.946	2.742	2.463	2.481	2.661	2.327	2.220	2.501	75- 80	1.750	676.3	98.3,98.3
85	1.169	1.016	0.5477	0.8780	1.483	0.8235	0.5074	0.9257	80- 85	0.9769	677.3	98.4,98.4
90	0.0606	0.0532	0.0662	0.0490	0.0519	0.0475	0.0604	0.0575	85- 90	0.1606	677.4	98.5,98.5
95	0.0948	0.0820	0.0979	0.0805	0.0921	0.0835	0.0890	0.0849	90- 95	0.0404	677.5	98.5,98.5
100	0.1494	0.1410	0.1583	0.1367	0.1383	0.1353	0.1522	0.1367	95-100	0.0644	677.5	98.5,98.5
105	0.2471	0.2344	0.2475	0.2359	0.2333	0.2201	0.2386	0.2172	100-105	0.1016	677.6	98.5,98.5
110	0.3793	0.3682	0.3942	0.3639	0.3686	0.3424	0.3794	0.3323	105-110	0.1567	677.8	98.5,98.5
115	0.5747	0.5234	0.5902	0.5192	0.5642	0.4791	0.5692	0.4676	110-115	0.2302	678.0	98.5,98.5
120	0.8480	0.7563	0.8951	0.7407	0.8174	0.6761	0.8223	0.6759	115-120	0.3222	678.3	98.6,98.6
125	1.133	1.115	1.298	1.107	1.048	1.011	1.064	0.9954	120-125	0.4283	678.8	98.7,98.7
130	1.589	1.634	1.801	1.589	1.512	1.467	1.627	1.451	125-130	0.5793	679.4	98.7,98.7
135	2.214	2.324	2.464	2.273	2.110	2.116	2.188	2.070	130-135	0.7588	680.1	98.9,98.9
140	3.004	3.090	3.278	2.978	2.887	2.762	2.933	2.789	135-140	0.9594	681.1	99.99
145	3.825	3.891	4.035	3.757	3.601	3.478	3.678	3.550	140-145	1.118	682.2	99.2,99.2
150	4.558	4.673	4.688	4.555	4.343	4.249	4.288	4.341	145-150	1.202	683.4	99.3,99.3
155	5.206	5.339	5.338	5.269	4.993	4.996	4.990	5.068	150-155	1.224	684.6	99.5,99.5
160	5.807	5.924	6.021	5.823	5.644	5.637	5.747	5.736	155-160	1.158	685.8	99.7,99.7
165	6.012	6.064	6.179	5.934	5.865	5.836	6.017	5.884	160-165	0.9710	686.7	99.8,99.8
170	5.935	5.980	5.938	5.900	5.871	5.807	5.872	5.810	165-170	0.7012	687.4	99.9,99.9
175	5.978	6.091	5.944	6.013	5.941	5.999	5.886	5.950	170-175	0.4231	687.9	100,100
180	6.079	6.149	6.067	6.107	6.067	6.146	6.044	6.083	175-180	0.1437	688.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 612 lm

%lum = 89.0%
%lamp = 89.0%

Conical surface Flux(120deg): 662.34 lm

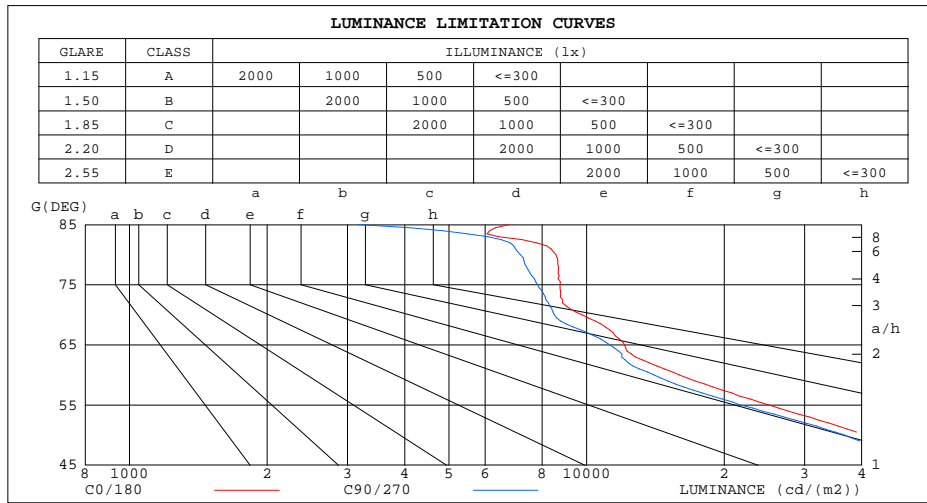
%lum = 96.3%
%lamp = 96.3%

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Kevin
Test Date:2016-06-27

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6772	3174
80	8570	7163
75	8747	7820
70	9782	8504
65	12118	11252
60	15976	14051
55	25123	21741
50	40594	36754
45	55261	51336

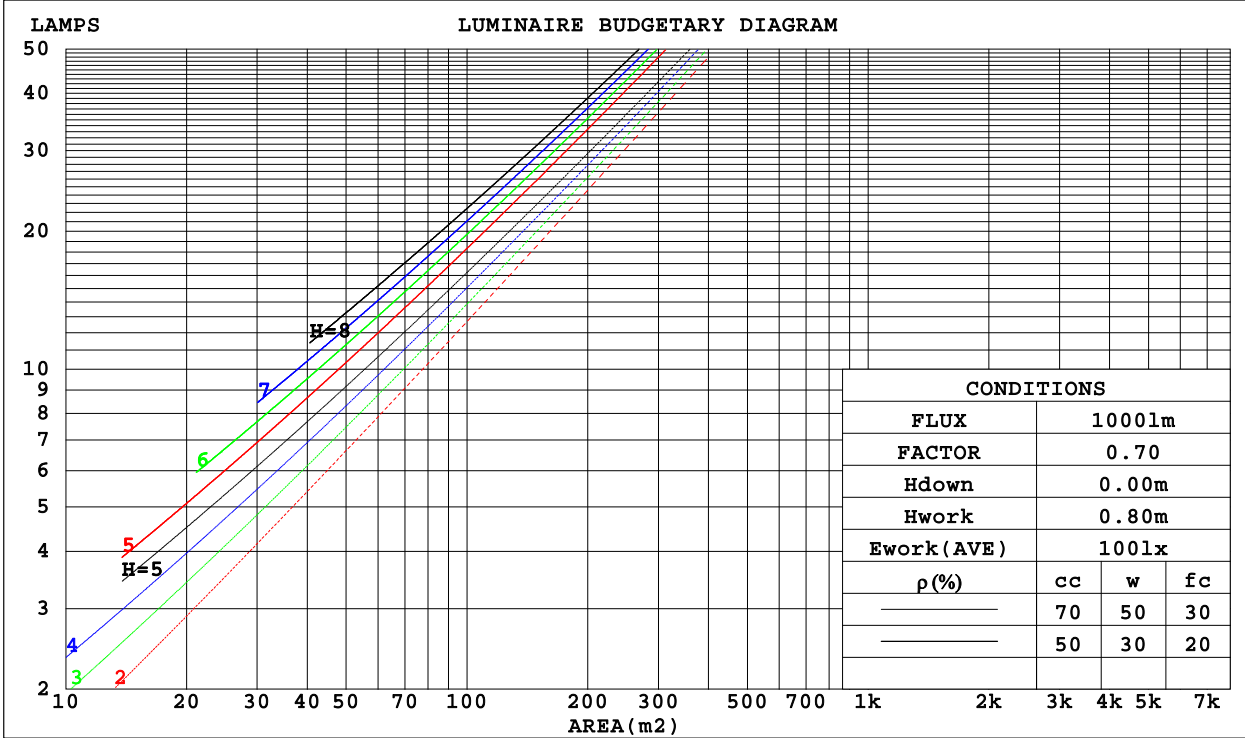
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding 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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.03	1.01	.00	.99	.98	.97	.96	.95	.93	.92
2.0	1.02	.98	.94	1.00	.96	.93	.97	.93	.91	.93	.91	.89	.90	.88	.87	.85
3.0	.95	.90	.86	.93	.89	.85	.90	.87	.83	.88	.85	.82	.85	.83	.80	.79
4.0	.89	.83	.79	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.77	.75	.73
5.0	.83	.77	.73	.82	.76	.72	.80	.75	.71	.78	.74	.71	.76	.73	.70	.68
6.0	.78	.72	.68	.77	.71	.67	.75	.70	.67	.74	.69	.66	.72	.69	.66	.64
7.0	.73	.67	.63	.73	.67	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
8.0	.69	.63	.59	.69	.63	.59	.68	.62	.59	.66	.62	.58	.65	.61	.58	.57
9.0	.66	.60	.56	.65	.60	.56	.64	.59	.55	.63	.59	.55	.62	.58	.55	.54
10.0	.62	.57	.53	.62	.56	.53	.61	.56	.53	.60	.56	.52	.59	.55	.52	.51



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014xl lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:#89MM	Shielding 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	.186	.106	.034	.179	.102	.032	.165	.095	.030	.153	.088	.028	.141	.082	.026	
2.0	.178	.097	.030	.172	.094	.029	.160	.089	.028	.149	.084	.026	.140	.079	.025	
3.0	.168	.090	.027	.163	.087	.026	.153	.083	.025	.144	.079	.024	.136	.075	.023	
4.0	.159	.083	.024	.155	.081	.024	.146	.078	.023	.138	.074	.022	.131	.071	.022	
5.0	.151	.077	.022	.147	.076	.022	.140	.073	.021	.133	.070	.021	.126	.067	.020	
6.0	.143	.072	.021	.140	.071	.020	.133	.068	.020	.127	.066	.019	.121	.064	.019	
7.0	.136	.067	.019	.133	.066	.019	.127	.064	.019	.122	.062	.018	.117	.061	.018	
8.0	.130	.063	.018	.127	.063	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017	
9.0	.124	.060	.017	.121	.059	.017	.117	.058	.016	.112	.056	.016	.108	.055	.016	
10.0	.118	.057	.016	.116	.056	.016	.112	.055	.015	.108	.053	.015	.104	.052	.015	

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.184	.169	.156	.157	.145	.134	.107	.100	.093	.062	.058	.054	.020	.019	.017	
2.0	.169	.144	.124	.145	.124	.107	.099	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.157	.126	.101	.134	.108	.087	.092	.075	.061	.053	.044	.036	.017	.014	.012	
4.0	.147	.111	.084	.126	.096	.073	.087	.067	.051	.050	.039	.030	.016	.013	.010	
5.0	.138	.099	.071	.119	.086	.062	.082	.060	.044	.047	.035	.026	.015	.012	.009	
6.0	.131	.090	.061	.112	.078	.053	.077	.055	.038	.045	.032	.022	.014	.011	.007	
7.0	.124	.083	.054	.107	.072	.047	.074	.050	.033	.043	.030	.020	.014	.010	.007	
8.0	.118	.077	.048	.102	.066	.042	.070	.047	.030	.041	.027	.018	.013	.009	.006	
9.0	.113	.071	.043	.097	.062	.038	.067	.044	.027	.039	.026	.016	.013	.008	.005	
10.0	.108	.067	.040	.093	.058	.034	.065	.041	.024	.038	.024	.015	.012	.008	.005	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm										
NAME: 8766					TYPE:LED tirm			WEIGHT:		
SPEC.:10W CRI90					DIM.:			SERIAL No.:1		
MFR.: AOM-LITE					SUR.:φ89MM			Shielding 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	21.4	22.4	21.7	22.6	22.8	21.0	22.0	21.3	22.2	22.3
3H	21.5	22.4	21.8	22.6	22.8	21.0	21.9	21.3	22.2	22.4
4H	21.5	22.3	21.8	22.6	22.8	21.1	21.9	21.4	22.1	22.4
6H	21.5	22.3	21.8	22.6	22.8	21.0	21.8	21.4	22.1	22.4
8H	21.5	22.3	21.8	22.5	22.8	21.0	21.8	21.4	22.1	22.4
12H	21.5	22.2	21.8	22.5	22.8	21.0	21.7	21.3	22.0	22.3
4H 2H	21.3	22.2	21.6	22.4	22.7	20.9	21.8	21.3	22.0	22.3
3H	21.5	22.2	21.8	22.5	22.8	21.1	21.8	21.4	22.1	22.4
4H	21.5	22.2	21.9	22.5	22.9	21.1	21.8	21.5	22.1	22.4
6H	21.6	22.2	22.0	22.5	22.9	21.2	21.7	21.6	22.1	22.5
8H	21.6	22.1	22.0	22.5	22.9	21.2	21.7	21.6	22.1	22.5
12H	21.6	22.1	22.0	22.5	22.9	21.1	21.6	21.6	22.0	22.4
8H 4H	21.5	22.0	21.9	22.4	22.8	21.1	21.6	21.5	22.0	22.4
6H	21.6	22.0	22.0	22.5	22.9	21.2	21.6	21.6	22.0	22.5
8H	21.6	22.0	22.1	22.5	22.9	21.2	21.6	21.7	22.0	22.5
12H	21.6	22.0	22.1	22.4	22.9	21.2	21.5	21.7	22.0	22.5
12H 4H	21.4	21.9	21.9	22.3	22.7	21.0	21.5	21.5	21.9	22.3
6H	21.6	22.0	22.0	22.4	22.9	21.1	21.5	21.6	22.0	22.4
8H	21.6	22.0	22.1	22.4	22.9	21.2	21.5	21.7	22.0	22.5
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 2.4					+ 1.6 / - 2.6				
1.5H	+ 1.9 / - 2.1					+ 1.8 / - 2.2				
2.0H	+ 3.2 / - 2.9					+ 3.3 / - 2.7				

CIE Pub.117 Corrected 688.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.3)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding Angle:

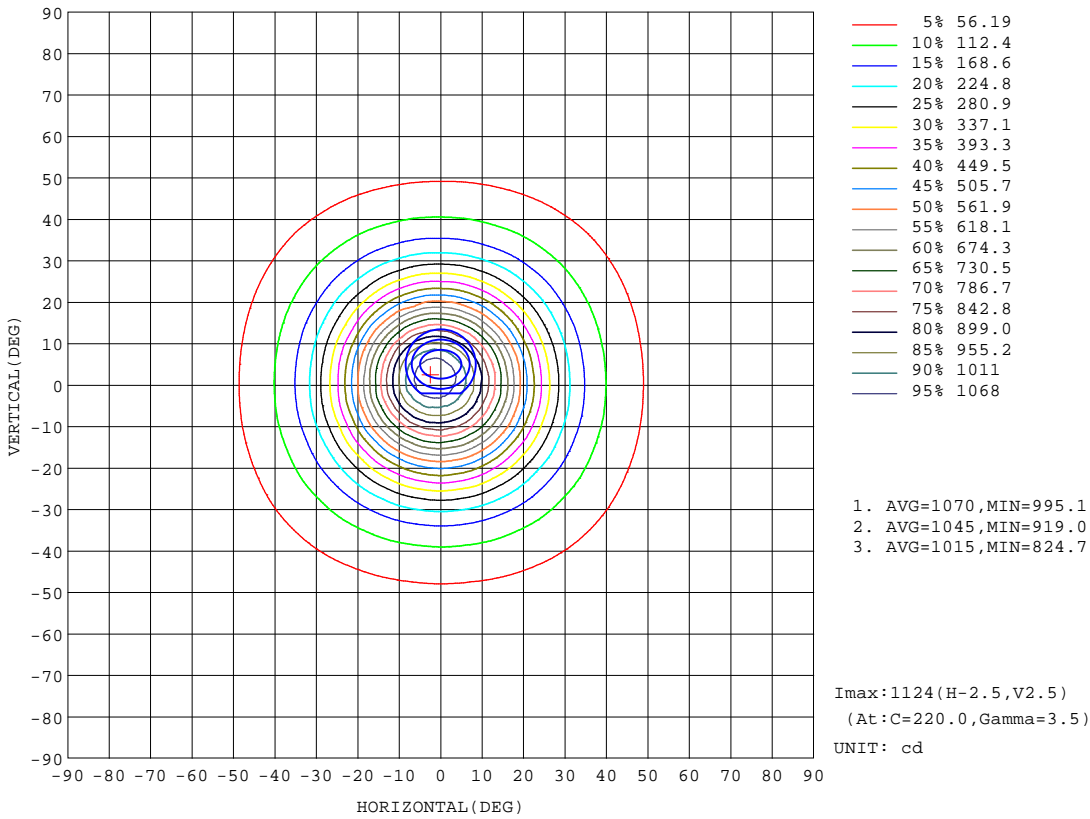
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	81	74	70	81	74	70	80	73	69	65
0.80	90	83	78	89	82	78	87	82	78	73
1.00	95	89	84	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	92	86
2.00	106	101	98	105	100	97	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	105	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
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: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding Angle:

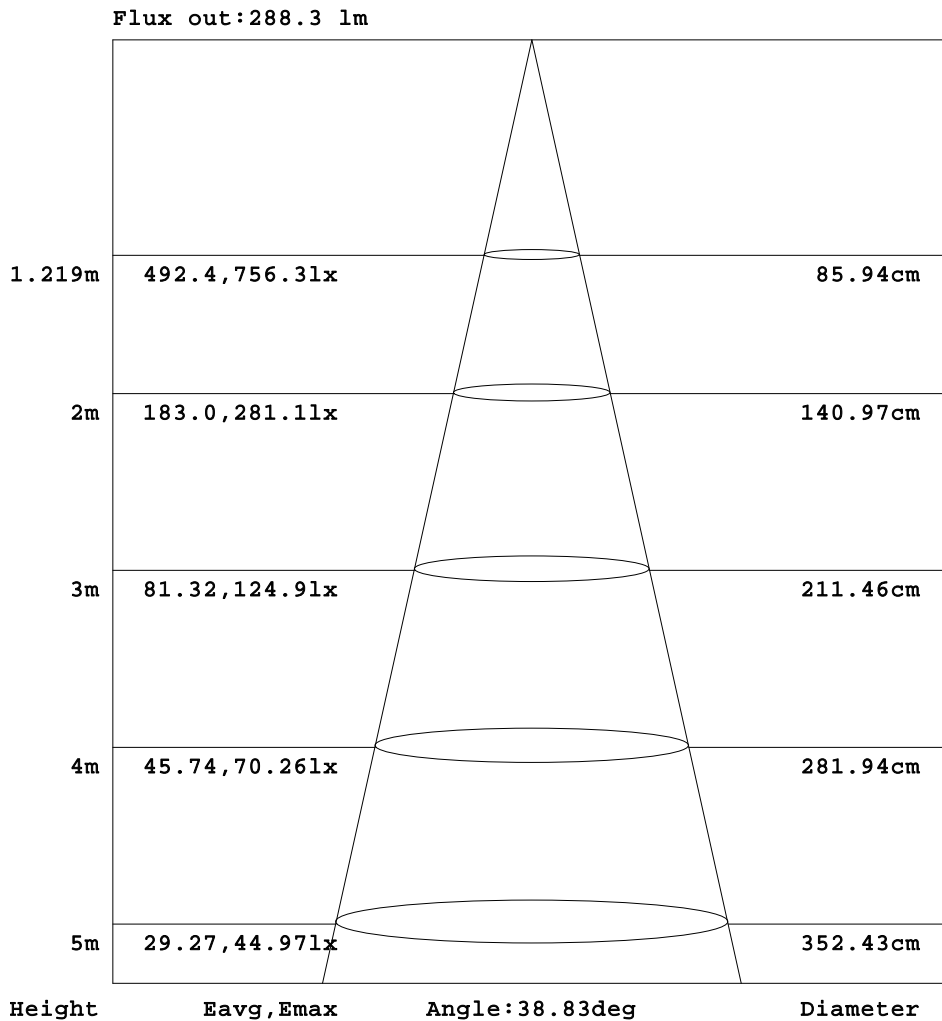


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding Angle:



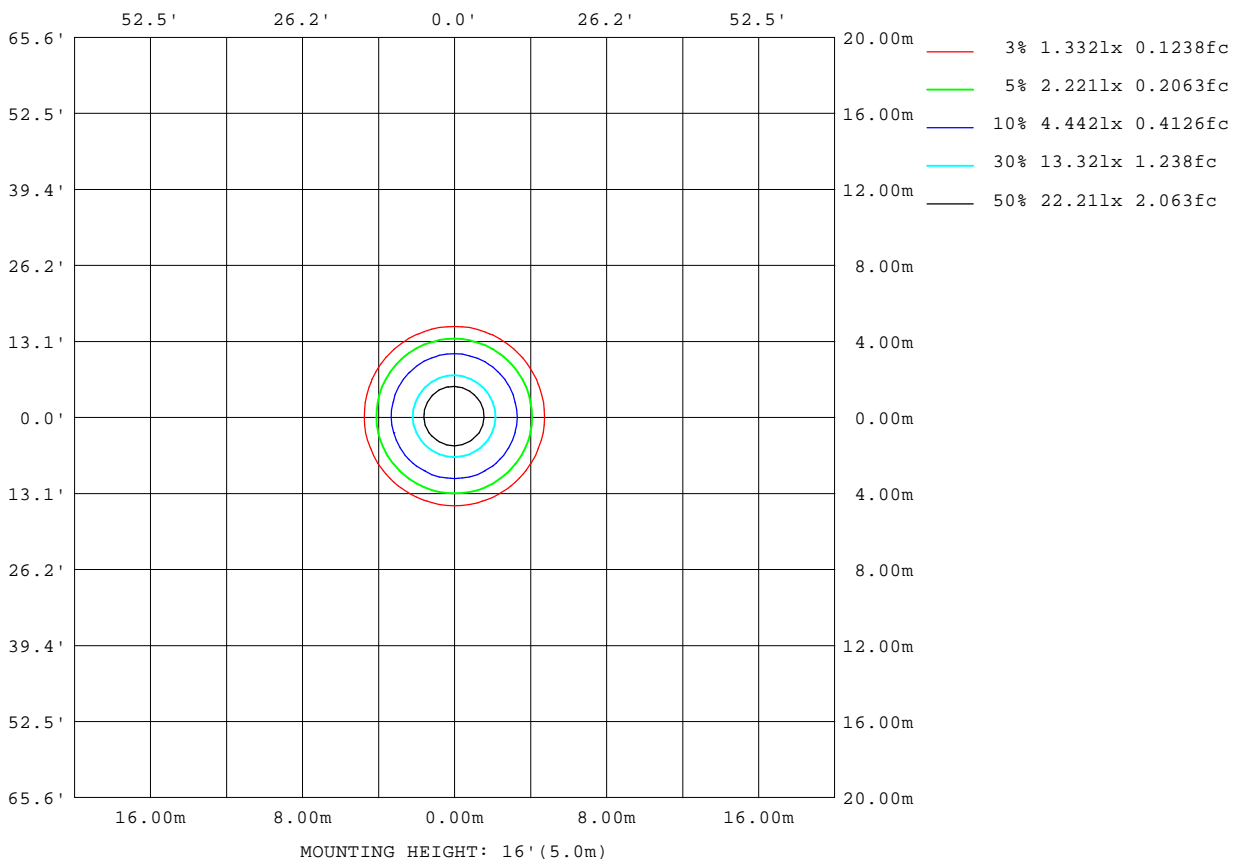
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding Angle:

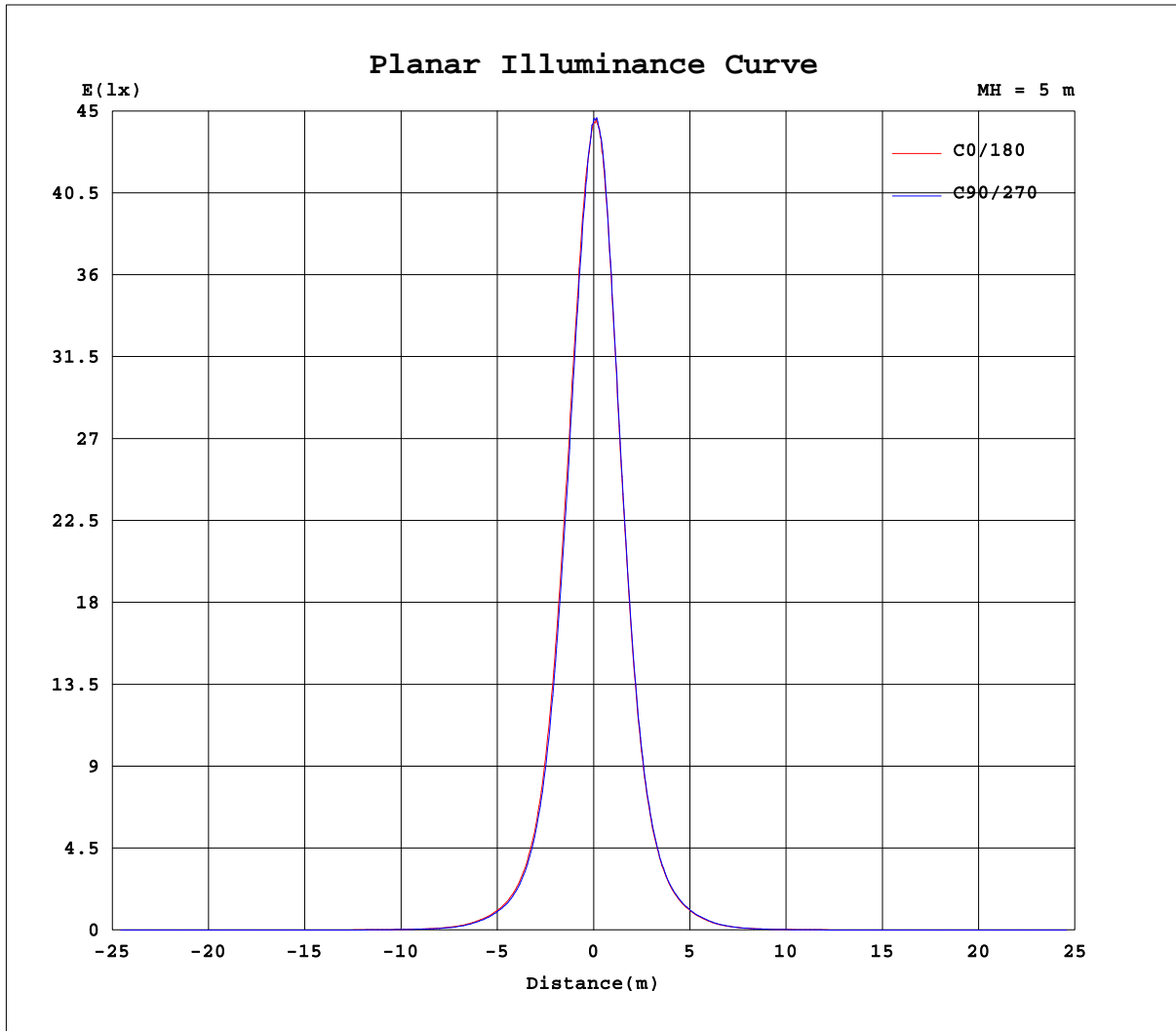
AvgL	cd/m2
L_0~180(65)av	11909
L_0~180(75)av	8334
L_0~180(85)av	7683
L_90~270(65)av	11016
L_90~270(75)av	7509
L_90~270(85)av	3057
L_45(65)av	11714
L_45(75)av	7927
L_45(85)av	5242

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: Kevin
 Test Date: 2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 6.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014xl lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding 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	1110	1107	1111	1110	1109	1109	1112	1110	1112	1113	1112	1106	1105	1110	1111	1108	1105	1115	1110
5	1037	1031	1024	1018	1024	1023	1014	1021	1014	1021	1023	1033	1035	1047	1057	1067	1074	1089	1081
10	888	891	882	879	874	876	870	865	864	872	870	879	889	902	910	924	933	952	954
15	715	718	708	703	693	693	686	688	682	685	692	699	700	712	720	732	742	756	761
20	536	537	528	526	519	518	511	511	509	511	508	512	516	524	529	541	548	558	560
25	374	372	366	369	362	358	356	356	351	352	353	355	355	363	365	375	376	386	387
30	249	248	244	244	240	239	236	236	234	234	235	237	237	240	242	249	250	257	257
35	165	165	162	161	159	158	156	156	155	156	154	157	157	159	161	165	165	169	171
40	111	111	109	109	107	107	105	105	104	104	103	105	105	106	107	110	111	113	114
45	77.4	77.0	75.6	74.8	74.0	73.6	70.9	72.6	71.8	71.9	71.6	72.4	72.0	73.2	73.6	74.8	75.4	76.7	77.3
50	51.7	51.4	50.5	49.8	49.4	48.9	47.8	46.7	46.2	46.8	46.1	46.3	46.2	46.7	46.5	47.2	47.0	48.2	48.2
55	28.5	28.7	28.3	28.2	27.8	27.5	26.1	25.2	24.7	24.7	24.4	24.7	25.0	25.5	25.3	25.6	25.2	25.7	25.6
60	15.8	16.0	15.9	16.1	15.9	15.5	14.8	14.1	13.8	13.9	13.7	13.8	14.0	14.6	14.5	14.6	14.5	14.7	14.4
65	10.1	10.2	10.2	10.3	10.2	10.1	9.87	9.72	9.37	9.42	9.44	9.51	9.57	9.74	9.84	9.90	9.87	9.86	9.79
70	6.62	6.72	6.69	6.73	6.58	6.31	6.00	5.88	5.77	5.76	5.69	5.68	5.64	5.86	5.97	6.02	5.97	6.05	5.92
75	4.48	4.51	4.45	4.45	4.39	4.32	4.20	4.13	4.03	4.01	3.96	3.97	3.96	3.99	4.02	4.05	4.06	4.10	4.06
80	2.95	2.93	2.92	2.87	2.78	2.71	2.59	2.55	2.49	2.46	2.43	2.44	2.43	2.46	2.50	2.56	2.60	2.65	2.66
85	1.17	0.95	1.41	1.41	1.13	0.91	0.73	0.64	0.53	0.55	0.52	0.62	0.69	0.82	0.94	1.14	1.29	1.47	1.48
90	0.06	0.06	0.06	0.06	0.05	0.05	0.07	0.07	0.07	0.07	0.07	0.05	0.05	0.05	0.04	0.06	0.06	0.06	0.05
95	0.09	0.10	0.09	0.09	0.08	0.08	0.09	0.10	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09
100	0.15	0.16	0.16	0.15	0.14	0.15	0.15	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.16	0.16	0.15	0.14
105	0.25	0.25	0.25	0.24	0.23	0.24	0.25	0.24	0.26	0.25	0.24	0.24	0.24	0.24	0.23	0.25	0.25	0.24	0.23
110	0.38	0.39	0.39	0.38	0.36	0.38	0.39	0.39	0.40	0.39	0.39	0.39	0.39	0.37	0.36	0.38	0.38	0.38	0.37
115	0.57	0.58	0.61	0.56	0.53	0.52	0.58	0.58	0.61	0.59	0.60	0.59	0.59	0.53	0.51	0.53	0.57	0.57	0.56
120	0.85	0.87	0.86	0.81	0.76	0.75	0.80	0.85	0.89	0.90	0.88	0.89	0.81	0.75	0.73	0.77	0.80	0.82	0.82
125	1.13	1.13	1.13	1.12	1.11	1.12	1.18	1.23	1.28	1.30	1.31	1.27	1.20	1.13	1.08	1.08	1.09	1.07	1.05
130	1.59	1.59	1.60	1.61	1.63	1.64	1.69	1.73	1.77	1.80	1.79	1.77	1.71	1.59	1.59	1.56	1.57	1.55	1.51
135	2.21	2.23	2.25	2.29	2.30	2.35	2.37	2.40	2.46	2.46	2.45	2.42	2.38	2.31	2.24	2.21	2.19	2.17	2.11
140	3.00	3.05	3.06	3.07	3.07	3.11	3.24	3.29	3.31	3.28	3.27	3.23	3.17	3.02	2.94	2.91	2.94	2.96	2.89
145	3.82	3.83	3.85	3.86	3.89	3.89	3.93	4.01	4.04	4.03	3.99	3.96	3.81	3.77	3.75	3.71	3.70	3.72	3.60
150	4.56	4.59	4.61	4.65	4.65	4.69	4.70	4.73	4.71	4.69	4.67	4.65	4.60	4.55	4.55	4.53	4.50	4.46	4.34
155	5.21	5.30	5.36	5.35	5.34	5.34	5.48	5.50	5.42	5.34	5.44	5.40	5.39	5.29	5.25	5.29	5.26	5.23	4.99
160	5.81	5.80	5.83	5.86	5.89	5.96	6.02	6.06	6.07	6.02	5.97	5.91	5.83	5.83	5.81	5.73	5.77	5.73	5.64
165	6.01	6.04	6.01	5.99	6.03	6.10	6.11	6.06	6.13	6.18	6.10	5.96	5.95	5.91	5.96	5.94	5.88	5.94	5.87
170	5.94	5.95	5.94	5.94	5.95	6.01	6.00	6.00	5.97	5.94	5.89	5.89	5.92	5.90	5.90	5.95	5.98	5.98	5.87
175	5.98	5.97	6.00	6.00	6.06	6.12	6.04	6.01	6.01	5.94	5.98	5.96	5.97	6.00	6.03	6.03	5.96	5.97	5.94
180	6.08	6.08	6.05	6.11	6.15	6.15	6.10	6.05	6.06	6.07	6.05	6.02	6.09	6.09	6.12	6.04	6.03	6.00	6.07

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.0859A P:10.20W PF:0.9858 Lamp Flux:756.014x1 lm		
NAME: 8766	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ89MM	Shielding 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	1107	1111	1110	1109	1109	1112	1110	1112	1113	1112	1106	1105	1110	1111	1108	1105	1115		
5	1095	1096	1096	1104	1103	1106	1099	1097	1093	1083	1075	1073	1062	1059	1052	1044	1039		
10	967	970	977	975	980	979	973	972	961	952	943	933	924	918	915	908	902		
15	768	775	778	785	781	784	776	775	769	760	757	752	744	738	733	727	722		
20	567	571	576	581	576	578	555	576	569	567	558	555	550	548	543	543	538		
25	393	397	395	401	400	401	399	399	392	393	389	386	384	382	377	378	373		
30	259	263	263	267	265	268	266	266	263	262	260	259	254	255	252	252	249		
35	172	174	175	176	176	178	176	176	174	174	172	172	170	170	167	167	165		
40	115	117	118	118	118	119	117	118	117	117	115	116	114	114	113	112	112		
45	78.1	79.2	79.1	80.2	79.0	80.7	80.1	80.4	80.1	80.4	79.6	79.8	79.2	77.6	78.3	78.4	78.0		
50	48.5	49.2	49.2	50.1	49.9	50.8	50.7	51.2	51.0	51.7	51.4	51.6	51.5	51.8	51.7	51.9	51.7		
55	25.5	25.9	25.9	26.3	26.3	26.7	26.3	26.9	26.5	26.4	26.3	27.4	27.7	28.1	28.0	28.2	28.3		
60	14.4	14.6	14.6	14.7	14.4	14.3	13.9	13.9	13.8	13.8	13.7	14.5	14.9	15.4	15.4	15.6	15.4		
65	9.77	9.78	9.73	9.72	9.49	9.35	9.24	9.19	9.02	9.14	9.22	9.41	9.56	9.79	9.87	10.0	10.1		
70	5.88	5.90	5.87	5.84	5.61	5.42	5.37	5.38	5.38	5.42	5.46	5.56	5.84	6.14	6.30	6.44	6.56		
75	4.04	3.99	3.93	3.89	3.80	3.75	3.69	3.70	3.69	3.73	3.75	3.88	3.97	4.09	4.18	4.29	4.38		
80	2.59	2.53	2.44	2.37	2.29	2.27	2.21	2.22	2.22	2.26	2.29	2.37	2.43	2.57	2.67	2.79	2.90		
85	1.40	1.24	1.07	0.90	0.75	0.68	0.57	0.55	0.51	0.54	0.58	0.72	0.81	1.04	1.25	1.46	1.64		
90	0.05	0.06	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.08	0.07	0.07		
95	0.09	0.10	0.09	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.09	0.11	0.11	0.12		
100	0.15	0.15	0.16	0.13	0.14	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.16	0.16	0.16		
105	0.24	0.24	0.24	0.22	0.22	0.23	0.23	0.23	0.24	0.23	0.23	0.23	0.22	0.22	0.22	0.25	0.25		
110	0.38	0.38	0.37	0.34	0.35	0.35	0.37	0.37	0.38	0.37	0.36	0.35	0.33	0.33	0.36	0.37	0.39		
115	0.57	0.57	0.53	0.48	0.48	0.52	0.55	0.56	0.57	0.55	0.54	0.48	0.45	0.49	0.55	0.54	0.57		
120	0.82	0.78	0.72	0.68	0.67	0.71	0.77	0.81	0.82	0.78	0.73	0.66	0.66	0.69	0.74	0.76	0.81		
125	1.04	1.04	1.02	1.00	1.02	1.04	1.05	1.07	1.06	1.07	1.04	1.00	0.99	1.00	1.03	1.05	1.08		
130	1.50	1.48	1.47	1.45	1.49	1.53	1.58	1.59	1.63	1.58	1.56	1.48	1.45	1.46	1.47	1.49	1.53		
135	2.08	2.06	2.11	2.09	2.14	2.14	2.14	2.19	2.19	2.18	2.18	2.16	2.08	2.06	2.09	2.10	2.15		
140	2.90	2.82	2.77	2.72	2.81	2.89	2.97	2.97	2.93	3.00	2.94	2.87	2.81	2.77	2.81	2.86	2.91		
145	3.58	3.53	3.51	3.47	3.49	3.48	3.59	3.65	3.68	3.64	3.62	3.52	3.54	3.56	3.61	3.66	3.73		
150	4.34	4.30	4.31	4.26	4.24	4.27	4.25	4.28	4.29	4.31	4.32	4.30	4.33	4.35	4.40	4.41	4.46		
155	5.07	5.15	5.15	4.99	5.00	5.06	5.12	5.07	4.99	5.07	5.11	5.10	5.05	5.09	5.12	5.13	5.19		
160	5.58	5.57	5.63	5.65	5.62	5.68	5.70	5.71	5.75	5.74	5.72	5.66	5.76	5.72	5.62	5.67	5.69		
165	5.72	5.74	5.76	5.83	5.84	5.85	5.85	5.96	6.02	5.94	5.89	5.91	5.90	5.87	5.84	5.84	5.95		
170	5.87	5.88	5.88	5.85	5.77	5.78	5.81	5.81	5.87	5.88	5.88	5.86	5.83	5.79	5.80	5.87	5.91		
175	5.93	5.94	5.98	6.01	5.99	5.91	5.92	5.89	5.89	5.88	5.92	5.96	5.96	5.94	5.95	5.90	5.96		
180	6.05	6.06	6.10	6.16	6.14	6.08	6.04	6.04	6.04	6.06	6.04	6.02	6.08	6.09	6.06	6.02	6.02		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-06-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:6.950m [K=1.0000]
 Remarks: