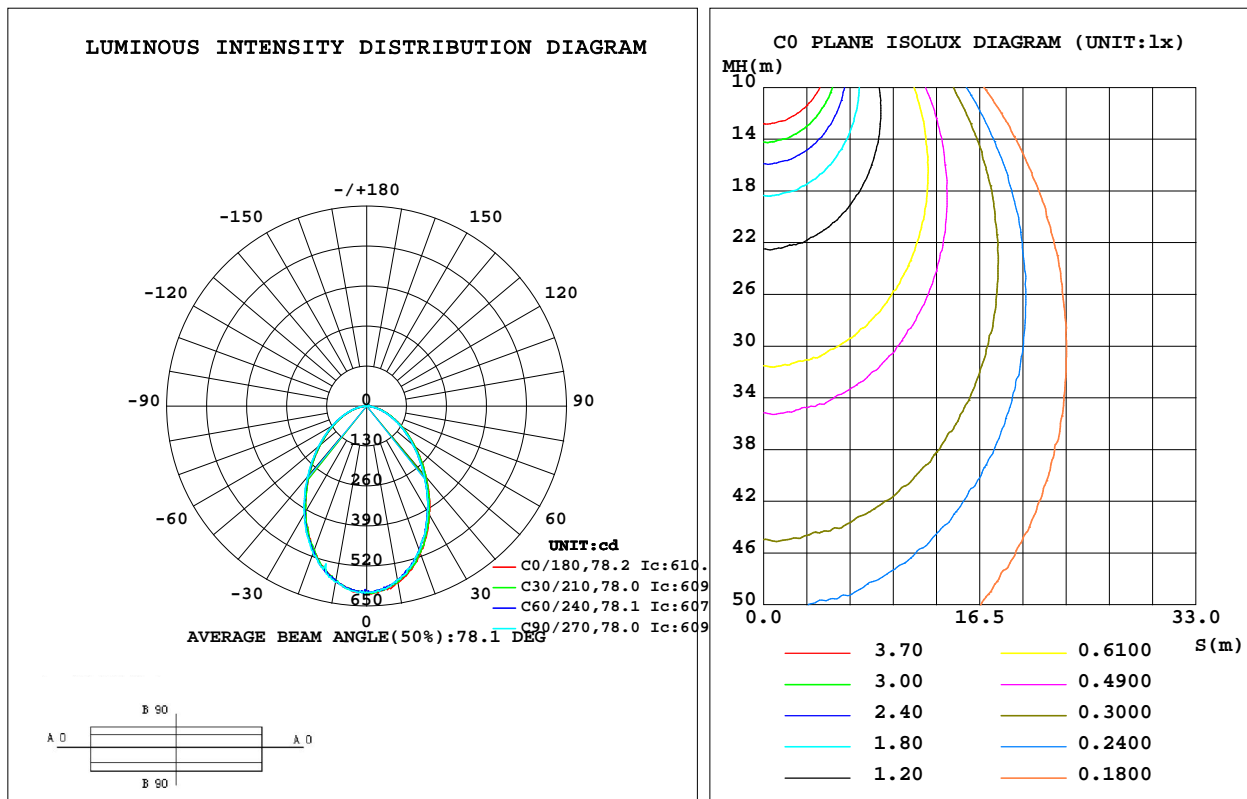


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.25 lm/W
MODEL	AC COB	I _{max} (cd)	610.4	S/MH(C0/180)	1.03	
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.04	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1141.8	η UP, DN(C0-180)	0.7,49.1	
NOMINAL FLUX(lm)	1141.76	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7,49.4	
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	120	η down(%)	98.5	CIBSE SHR MAX	1.15	



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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	598.1	598.1	597.4	598.3	599.6	599.1	602.2	600.4	0- 5	14.40	14.40	1.26,1.26
10	583.1	577.2	574.1	576.6	580.2	579.3	581.0	577.1	5- 10	42.11	56.51	4.95,4.95
15	553.2	544.6	546.0	548.2	544.9	545.7	548.1	550.1	10- 15	66.70	123.2	10.8,10.8
20	509.0	503.1	501.1	501.0	499.6	502.8	510.3	507.5	15- 20	86.53	209.7	18.4,18.4
25	462.1	455.3	451.1	453.4	450.2	453.6	459.9	459.9	20- 25	100.5	310.3	27.2,27.2
30	409.1	401.6	395.0	399.0	399.9	402.8	406.8	405.4	25- 30	108.3	418.6	36.7,36.7
35	354.1	348.5	343.1	343.4	342.9	347.2	349.7	352.1	30- 35	110.2	528.8	46.3,46.3
40	300.5	293.4	289.7	290.4	291.2	294.9	300.0	298.7	35- 40	106.9	635.6	55.7,55.7
45	251.3	244.7	241.7	241.7	242.4	244.8	248.8	248.7	40- 45	99.79	735.4	64.4,64.4
50	206.5	201.0	197.6	198.2	198.9	201.3	205.0	205.0	45- 50	90.00	825.4	72.3,72.3
55	166.1	161.0	158.6	158.8	158.6	161.9	164.0	164.6	50- 55	78.63	904.0	79.2,79.2
60	130.3	127.1	124.4	124.9	125.1	126.5	129.3	129.9	55- 60	66.47	970.5	85.85
65	99.24	96.25	92.97	94.90	93.86	95.98	97.90	98.25	60- 65	54.05	1025	89.7,89.7
70	72.08	69.31	67.88	68.08	67.07	69.17	71.22	70.90	65- 70	41.73	1066	93.4,93.4
75	47.83	45.55	44.32	44.47	43.93	45.63	47.22	46.96	70- 75	29.89	1096	96.96
80	27.00	25.37	24.04	22.53	24.00	25.23	26.66	26.00	75- 80	18.76	1115	97.7,97.7
85	9.250	7.985	7.009	6.204	7.239	8.098	8.900	8.329	80- 85	8.644	1124	98.4,98.4
90	0.4978	0.4880	0.5008	0.4963	0.4951	0.4766	0.5184	0.5835	85- 90	1.614	1125	98.5,98.5
95	0.6582	0.6687	0.6880	0.6678	0.6711	0.6474	0.6354	0.6302	90- 95	0.3103	1126	98.6,98.6
100	0.8883	0.8989	0.9210	0.9105	0.9069	0.8761	0.8567	0.8559	95-100	0.4187	1126	98.6,98.6
105	1.170	1.175	1.212	1.200	1.195	1.145	1.127	1.128	100-105	0.5471	1126	98.7,98.7
110	1.489	1.502	1.534	1.525	1.534	1.473	1.435	1.447	105-110	0.6907	1127	98.7,98.7
115	1.880	1.877	1.919	1.906	1.920	1.837	1.817	1.807	110-115	0.8466	1128	98.8,98.8
120	2.280	2.291	2.354	2.316	2.331	2.240	2.232	2.222	115-120	1.005	1129	98.9,98.9
125	2.715	2.720	2.774	2.757	2.757	2.664	2.649	2.644	120-125	1.148	1130	99.99
130	3.192	3.175	3.246	3.206	3.234	3.118	3.103	3.097	125-130	1.274	1131	99.1,99.1
135	3.641	3.643	3.686	3.665	3.669	3.549	3.575	3.540	130-135	1.369	1133	99.2,99.2
140	4.112	4.086	4.155	4.108	4.106	3.982	4.026	3.984	135-140	1.421	1134	99.3,99.3
145	4.539	4.545	4.661	4.550	4.526	4.410	4.441	4.419	140-145	1.429	1136	99.5,99.5
150	4.964	4.967	5.012	4.947	4.928	4.839	4.824	4.824	145-150	1.385	1137	99.6,99.6
155	5.335	5.321	5.407	5.317	5.314	5.224	5.246	5.223	150-155	1.289	1138	99.7,99.7
160	5.644	5.664	5.763	5.658	5.649	5.575	5.584	5.581	155-160	1.144	1139	99.8,99.8
165	5.960	5.990	6.041	5.956	5.925	5.847	5.959	5.895	160-165	0.9530	1140	99.9,99.9
170	6.233	6.232	6.240	6.215	6.192	6.150	6.142	6.158	165-170	0.7198	1141	99.9,99.9
175	6.441	6.497	6.399	6.467	6.419	6.430	6.403	6.451	170-175	0.4505	1142	100,100
180	6.588	6.628	6.565	6.632	6.642	6.606	6.591	6.617	175-180	0.1555	1142	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 735.41 lm

%lum = 64.4%
%lamp = 64.4%

Conical surface Flux(120deg): 970.52 lm

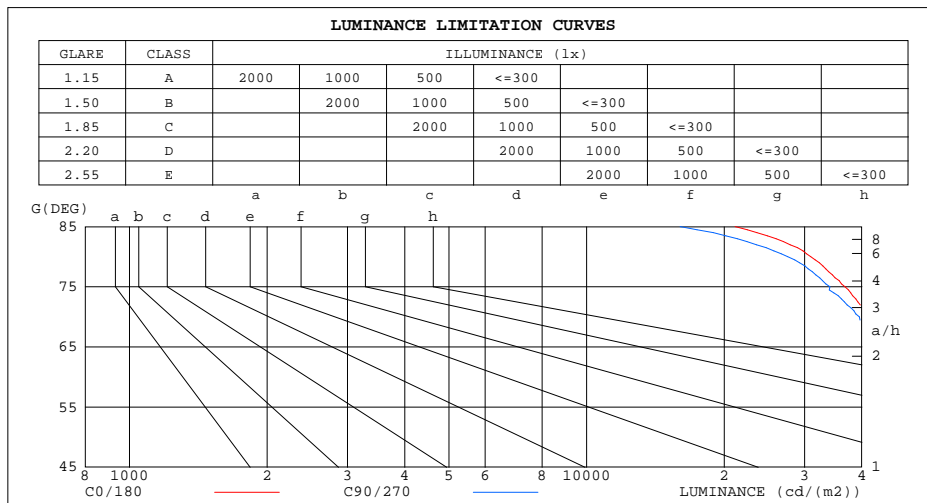
%lum = 85.0%
%lamp = 85.0%

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Kevin
Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	21124	16007
80	30952	27552
75	36782	34083
70	41946	39506
65	46741	43785
60	51883	49524
55	57653	55035
50	63932	61186
45	70750	68036

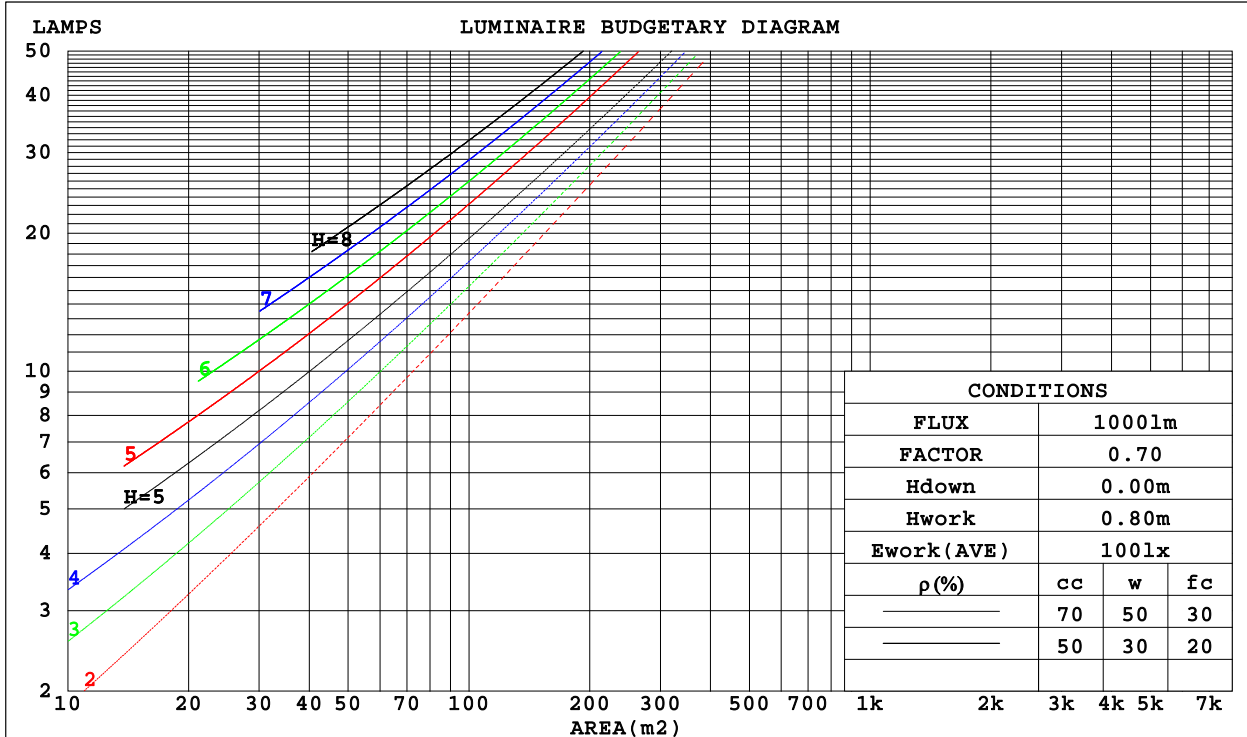
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	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	.99
1.0	1.06	1.02	.99	1.03	1.00	.97	.99	.96	.94	.95	.93	.91	.91	.89	.88	.86
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.77	.71	.82	.76	.70	.79	.73	.69	.76	.71	.67	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.67	.61	.71	.65	.60	.69	.63	.59	.67	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.54	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.56	.50	.46	.44
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.53	.47	.42	.51	.46	.42	.40
8.0	.52	.44	.39	.52	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.41	.36	.48	.40	.35	.47	.40	.35	.45	.39	.35	.44	.39	.35	.33
10.0	.45	.37	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.41	.36	.32	.30



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding 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	.267	.152	.048	.259	.148	.047	.245	.141	.045	.233	.134	.043	.221	.128	.041	
2.0	.255	.140	.043	.248	.137	.042	.236	.131	.041	.225	.126	.040	.215	.121	.038	
3.0	.239	.127	.038	.233	.125	.038	.222	.121	.037	.213	.116	.036	.203	.113	.035	
4.0	.223	.116	.034	.218	.114	.034	.208	.110	.033	.200	.107	.032	.191	.104	.032	
5.0	.208	.106	.031	.204	.104	.030	.195	.102	.030	.187	.099	.029	.180	.096	.029	
6.0	.194	.097	.028	.190	.096	.028	.183	.094	.027	.176	.091	.027	.169	.089	.026	
7.0	.182	.090	.026	.179	.089	.025	.172	.087	.025	.166	.085	.025	.160	.083	.024	
8.0	.171	.084	.024	.168	.083	.023	.162	.081	.023	.156	.079	.023	.151	.078	.023	
9.0	.161	.078	.022	.159	.077	.022	.153	.076	.021	.148	.074	.021	.143	.073	.021	
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.140	.070	.020	.136	.068	.020	

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	.202	.202	.202	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.188	.168	.149	.161	.144	.128	.110	.099	.089	.063	.057	.052	.020	.018	.017	
2.0	.179	.143	.114	.153	.123	.098	.105	.085	.069	.060	.050	.040	.019	.016	.013	
3.0	.170	.125	.090	.146	.108	.078	.100	.075	.055	.058	.044	.032	.019	.014	.011	
4.0	.162	.112	.074	.139	.097	.064	.095	.067	.045	.055	.039	.027	.018	.013	.009	
5.0	.154	.101	.062	.132	.087	.054	.091	.061	.038	.053	.036	.023	.017	.012	.007	
6.0	.147	.093	.053	.126	.080	.046	.087	.056	.033	.051	.033	.020	.016	.011	.006	
7.0	.141	.085	.047	.121	.074	.041	.084	.052	.029	.049	.031	.017	.016	.010	.006	
8.0	.134	.080	.042	.116	.069	.037	.080	.048	.026	.047	.029	.015	.015	.009	.005	
9.0	.129	.075	.038	.111	.065	.033	.077	.046	.024	.045	.027	.014	.014	.009	.005	
10.0	.123	.070	.035	.106	.061	.031	.074	.043	.022	.043	.025	.013	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm										
NAME: 8566					TYPE:LED tirm			WEIGHT:		
SPEC.:15W CRI90					DIM.:			SERIAL No.:1		
MFR.: AOM-LITE					SUR.:φ80MM			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	26.3	27.7	26.6	27.9	28.1	26.0	27.4	26.3	27.6	27.8
3H	27.4	28.6	27.7	28.9	29.1	27.0	28.3	27.3	28.5	28.8
4H	27.8	28.9	28.1	29.2	29.5	27.4	28.6	27.7	28.9	29.1
6H	28.0	29.1	28.4	29.4	29.7	27.6	28.7	28.0	29.0	29.3
8H	28.1	29.2	28.4	29.5	29.8	27.7	28.7	28.0	29.0	29.4
12H	28.1	29.1	28.5	29.4	29.8	27.7	28.7	28.0	29.0	29.3
4H 2H	26.7	27.9	27.0	28.1	28.4	26.5	27.7	26.8	27.9	28.2
3H	27.9	29.0	28.3	29.3	29.6	27.7	28.7	28.0	29.0	29.3
4H	28.5	29.4	28.8	29.7	30.1	28.1	29.1	28.5	29.4	29.8
6H	28.8	29.7	29.2	30.0	30.4	28.5	29.3	28.9	29.7	30.0
8H	28.9	29.7	29.4	30.1	30.5	28.5	29.3	29.0	29.7	30.1
12H	29.0	29.7	29.4	30.1	30.5	28.6	29.3	29.0	29.7	30.1
8H 4H	28.6	29.4	29.0	29.8	30.2	28.3	29.1	28.7	29.5	29.9
6H	29.1	29.7	29.6	30.1	30.6	28.7	29.4	29.2	29.8	30.2
8H	29.3	29.8	29.7	30.3	30.7	28.9	29.4	29.3	29.9	30.3
12H	29.3	29.8	29.8	30.3	30.8	28.9	29.4	29.4	29.9	30.4
12H 4H	28.6	29.3	29.0	29.7	30.1	28.3	29.0	28.7	29.4	29.8
6H	29.1	29.7	29.6	30.1	30.6	28.8	29.3	29.2	29.8	30.2
8H	29.3	29.8	29.8	30.2	30.7	28.9	29.4	29.4	29.9	30.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.5 / - 0.4					+ 0.4 / - 0.5				

CIE Pub.117 Corrected 1142 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.5)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding Angle:

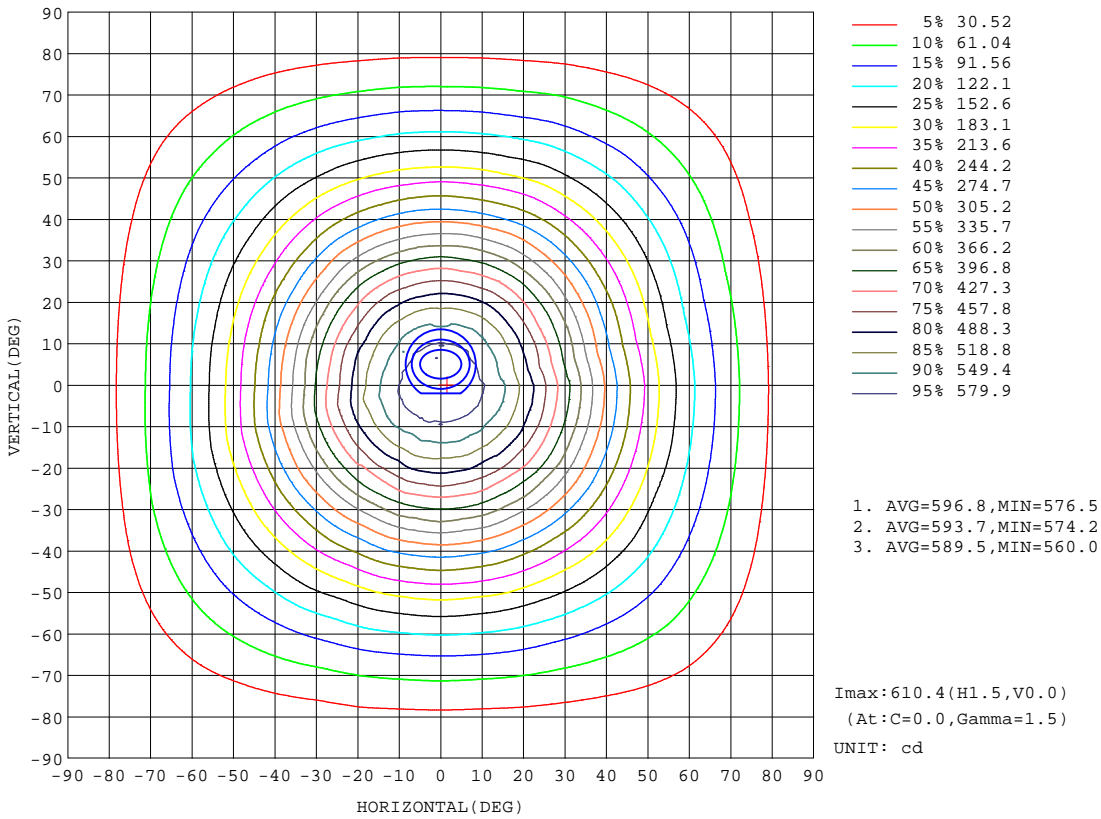
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	64	54	47	63	53	47	62	53	47	41
0.80	74	64	57	73	63	57	71	62	56	50
1.00	82	72	65	80	71	65	78	72	65	58
1.25	88	79	73	87	78	72	84	77	71	65
1.50	93	84	78	91	83	77	88	81	76	69
2.00	98	91	86	97	90	85	93	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	102	97	93	98	94	90	82
4.00	108	103	99	106	101	98	101	98	95	86
5.00	110	106	103	108	104	101	103	100	98	88
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:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding Angle:



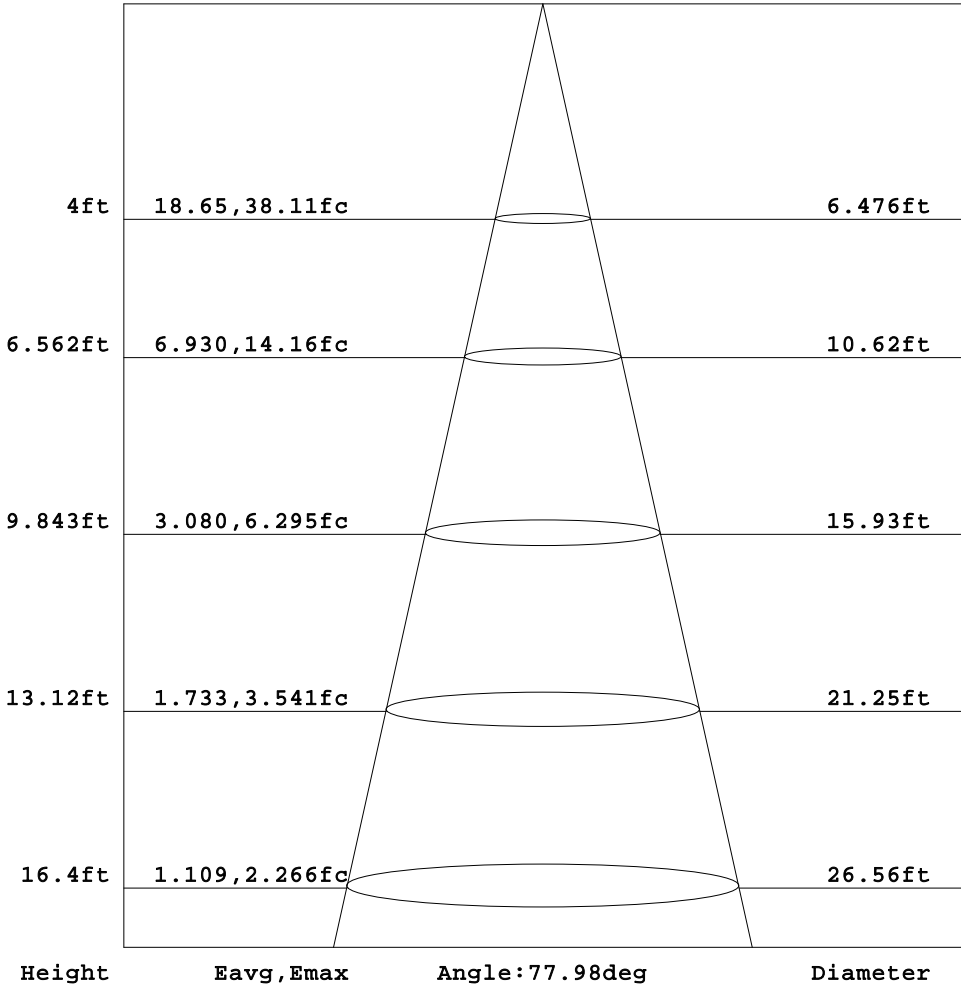
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding Angle:

Flux out:614.7 lm



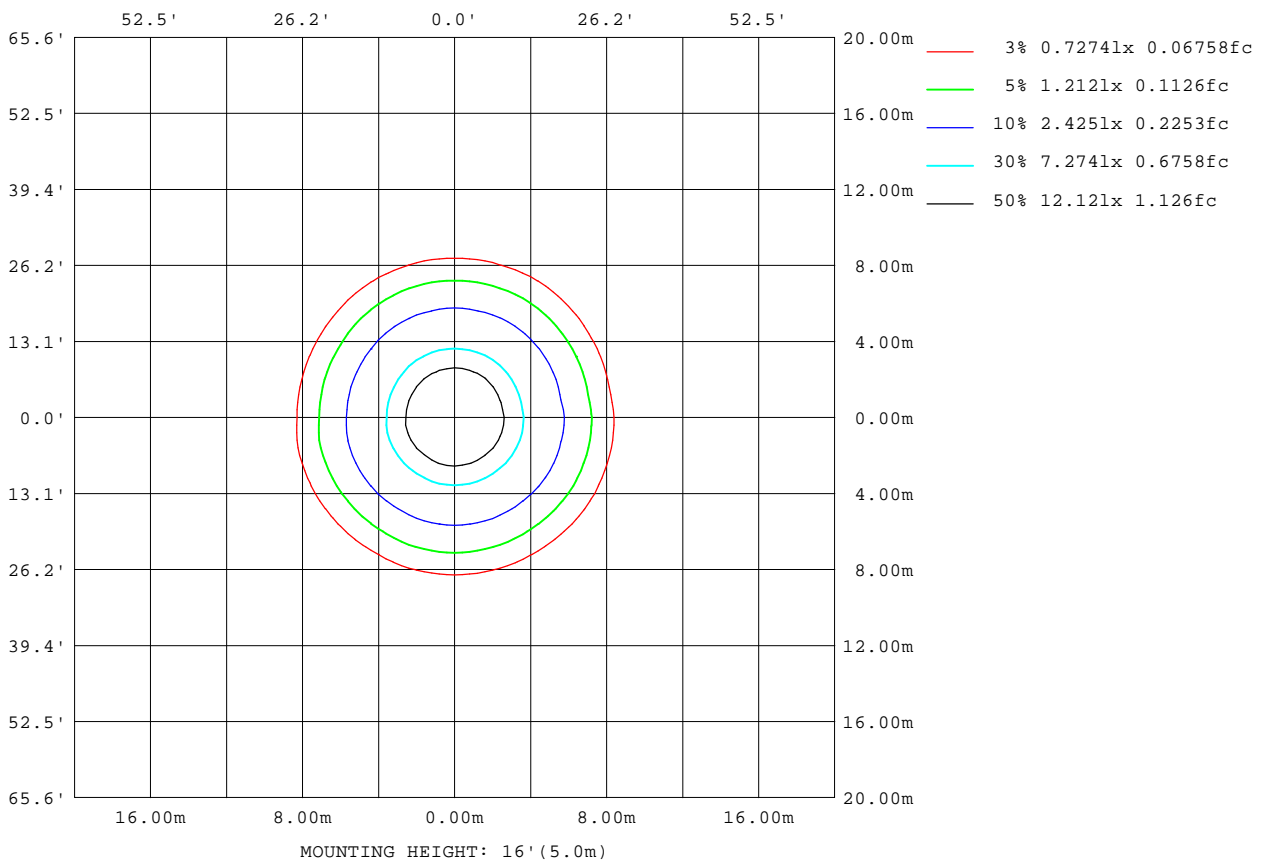
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: Kevin
 Test Date: 2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	Shielding Angle:

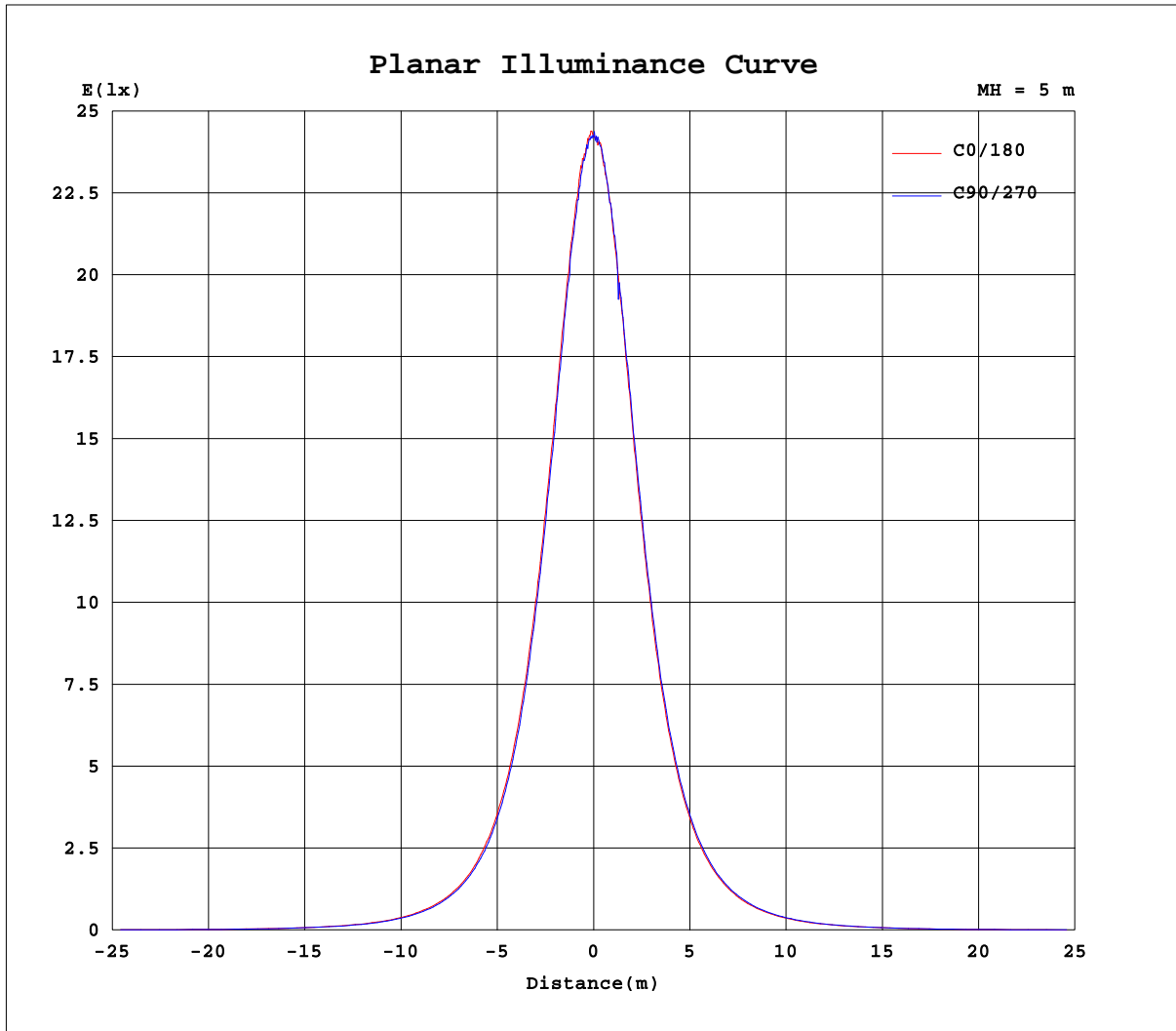
AvgL	cd/m2
L_0~180(65)av	45473
L_0~180(75)av	35284
L_0~180(85)av	18828
L_90~270(65)av	44948
L_90~270(75)av	35199
L_90~270(85)av	18166
L_45(65)av	45386
L_45(75)av	35107
L_45(85)av	17472

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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: 2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	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	606	606	608	607	606	606	604	605	609	605	603	606	605	604	604	605	606	608	606
5	598	601	603	601	596	600	599	596	596	597	595	600	593	598	598	600	600	602	600
10	583	582	583	581	577	578	575	574	578	574	573	574	575	575	578	581	581	584	580
15	553	552	552	548	545	544	543	543	543	546	539	542	539	548	549	549	547	550	545
20	509	511	510	508	503	503	500	499	498	501	499	501	497	500	502	507	507	509	500
25	462	462	463	460	456	455	452	452	451	451	450	450	449	453	454	456	457	460	450
30	409	410	407	406	404	400	396	396	397	395	396	395	395	399	399	401	405	407	400
35	354	354	352	353	350	347	343	343	343	343	342	343	340	342	345	349	348	351	343
40	301	302	300	299	296	291	290	291	289	290	290	290	286	290	291	296	295	300	291
45	251	251	250	250	247	242	241	242	240	242	240	242	239	241	242	246	248	251	242
50	206	208	205	205	202	200	197	197	197	198	195	197	194	198	198	201	203	206	199
55	166	166	165	165	162	160	158	158	157	159	158	159	157	158	160	162	163	166	159
60	130	131	130	130	128	126	124	124	124	124	123	124	122	125	125	128	129	131	125
65	99.2	99.4	99.0	98.6	97.0	95.5	93.5	94.2	93.8	93.0	92.7	93.6	92.6	94.4	95.4	96.8	97.9	99.2	93.9
70	72.1	71.9	71.2	71.1	70.2	68.4	67.5	67.7	67.0	67.9	67.2	67.2	66.1	67.4	68.7	70.0	70.5	72.5	67.1
75	47.8	48.2	47.2	47.6	46.4	44.7	44.4	44.2	43.9	44.3	44.1	44.2	42.9	44.2	44.7	45.5	46.0	47.3	43.9
80	27.0	27.3	26.8	26.9	25.9	24.8	24.3	24.4	23.9	24.0	23.7	24.0	21.8	22.5	22.6	23.3	23.6	24.4	24.0
85	9.25	9.00	8.87	8.95	8.29	7.68	7.24	7.24	6.95	7.01	6.79	6.95	5.84	6.15	6.25	6.66	6.78	7.23	7.24
90	0.50	0.49	0.48	0.49	0.48	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.50	0.49	0.49	0.47	0.48	0.50
95	0.66	0.66	0.65	0.65	0.66	0.68	0.68	0.68	0.69	0.69	0.68	0.68	0.70	0.66	0.67	0.67	0.66	0.65	0.67
100	0.89	0.89	0.88	0.89	0.89	0.90	0.91	0.91	0.92	0.92	0.93	0.92	0.93	0.91	0.91	0.90	0.89	0.88	0.91
105	1.17	1.17	1.16	1.16	1.17	1.18	1.19	1.19	1.20	1.21	1.21	1.20	1.22	1.21	1.19	1.18	1.18	1.15	1.19
110	1.49	1.48	1.48	1.48	1.49	1.51	1.52	1.52	1.53	1.53	1.53	1.53	1.55	1.53	1.52	1.51	1.50	1.47	1.53
115	1.88	1.86	1.84	1.85	1.86	1.89	1.90	1.91	1.92	1.92	1.91	1.92	1.92	1.90	1.91	1.87	1.87	1.86	1.92
120	2.28	2.28	2.25	2.26	2.27	2.31	2.31	2.31	2.33	2.35	2.33	2.33	2.35	2.32	2.31	2.29	2.28	2.26	2.33
125	2.71	2.70	2.71	2.69	2.71	2.73	2.75	2.75	2.77	2.77	2.78	2.75	2.78	2.75	2.76	2.72	2.71	2.69	2.76
130	3.19	3.17	3.16	3.16	3.16	3.19	3.20	3.22	3.24	3.25	3.26	3.22	3.24	3.21	3.20	3.19	3.16	3.17	3.23
135	3.64	3.63	3.61	3.61	3.62	3.67	3.67	3.65	3.70	3.69	3.68	3.68	3.69	3.68	3.65	3.63	3.63	3.61	3.67
140	4.11	4.09	4.08	4.07	4.06	4.11	4.15	4.15	4.17	4.16	4.15	4.13	4.15	4.12	4.10	4.09	4.07	4.03	4.11
145	4.54	4.49	4.50	4.53	4.54	4.55	4.56	4.61	4.62	4.66	4.61	4.61	4.58	4.54	4.56	4.54	4.51	4.46	4.53
150	4.96	4.96	4.90	4.90	4.94	4.99	5.00	5.02	5.03	5.01	5.04	4.96	4.99	4.96	4.93	4.92	4.88	4.87	4.93
155	5.33	5.34	5.29	5.29	5.28	5.36	5.38	5.38	5.42	5.41	5.36	5.32	5.38	5.32	5.31	5.30	5.28	5.27	5.31
160	5.64	5.63	5.61	5.63	5.62	5.71	5.74	5.75	5.76	5.76	5.72	5.68	5.71	5.68	5.64	5.63	5.63	5.59	5.65
165	5.96	5.98	5.96	5.94	5.97	6.01	6.00	6.03	6.04	6.04	5.99	5.98	5.96	5.96	5.95	5.95	5.96	5.93	5.92
170	6.23	6.20	6.21	6.23	6.25	6.22	6.25	6.26	6.27	6.24	6.17	6.18	6.20	6.20	6.23	6.20	6.19	6.17	6.19
175	6.44	6.45	6.50	6.50	6.49	6.50	6.50	6.47	6.48	6.40	6.47	6.42	6.41	6.45	6.49	6.46	6.44	6.42	6.42
180	6.59	6.59	6.58	6.61	6.65	6.61	6.63	6.55	6.57	6.56	6.58	6.55	6.58	6.61	6.65	6.58	6.58	6.59	6.64

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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:120.2V I:0.1298A P:15.38W PF:0.9855 Lamp Flux:1141.76x1 lm		
NAME: 8566	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ80MM	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	606	608	607	606	606	604	605	609	605	603	606	605	604	604	605	606	608		
5	596	602	597	598	600	597	597	598	602	598	603	602	601	600	601	594	599		
10	577	580	576	578	581	576	579	580	581	580	582	580	582	573	578	577	576		
15	541	541	542	543	548	548	549	548	548	550	550	551	552	548	545	548	544		
20	502	501	497	500	506	505	506	508	510	505	509	510	508	507	503	501	498		
25	451	454	451	451	456	459	456	459	460	459	460	464	461	458	456	454	452		
30	398	398	399	401	404	405	406	404	407	406	406	411	406	405	400	401	398		
35	342	342	342	345	349	349	351	352	350	353	351	354	354	351	348	347	342		
40	291	291	289	293	297	298	299	299	300	300	299	302	299	298	296	294	291		
45	241	242	242	242	247	249	248	249	249	249	250	252	250	248	245	245	241		
50	197	197	198	200	202	205	204	205	205	205	205	208	206	204	201	200	198		
55	158	158	159	161	163	163	164	164	164	165	164	167	165	164	163	161	159		
60	124	124	124	125	128	130	129	129	129	130	129	132	130	129	127	126	124		
65	93.9	94.0	93.4	94.7	97.2	98.0	98.0	98.5	97.9	98.7	98.3	101	98.6	97.9	96.0	95.0	93.2		
70	67.4	67.1	66.9	68.4	69.9	70.5	71.0	71.3	71.2	71.3	71.0	73.0	71.7	70.1	69.0	68.2	66.9		
75	43.4	43.9	43.8	44.8	46.4	47.1	46.7	47.2	47.2	47.5	47.2	48.7	47.4	46.5	45.6	44.5	43.6		
80	23.9	24.1	24.0	24.8	25.6	26.3	26.3	26.7	26.7	26.8	26.6	26.9	26.2	25.8	25.0	24.6	23.7		
85	7.28	7.56	7.65	8.05	8.15	8.44	8.53	8.83	8.90	9.07	9.09	8.72	8.39	8.26	7.96	7.73	7.38		
90	0.49	0.49	0.49	0.48	0.47	0.48	0.49	0.51	0.52	0.53	0.53	0.56	0.57	0.60	0.58	0.59	0.54		
95	0.68	0.67	0.67	0.66	0.64	0.63	0.64	0.63	0.64	0.63	0.63	0.62	0.63	0.63	0.65	0.65	0.66		
100	0.91	0.90	0.90	0.89	0.86	0.86	0.86	0.86	0.86	0.85	0.85	0.84	0.85	0.86	0.87	0.89	0.90		
105	1.19	1.19	1.17	1.16	1.13	1.13	1.13	1.11	1.13	1.12	1.12	1.11	1.13	1.13	1.15	1.16	1.18		
110	1.51	1.51	1.50	1.49	1.46	1.43	1.45	1.43	1.43	1.44	1.43	1.41	1.44	1.46	1.46	1.49	1.51		
115	1.92	1.90	1.88	1.86	1.82	1.80	1.81	1.80	1.82	1.80	1.81	1.78	1.80	1.81	1.85	1.87	1.90		
120	2.33	2.31	2.28	2.25	2.23	2.20	2.21	2.22	2.23	2.20	2.20	2.19	2.21	2.23	2.25	2.27	2.32		
125	2.75	2.72	2.70	2.68	2.64	2.63	2.63	2.64	2.65	2.64	2.65	2.60	2.63	2.66	2.68	2.71	2.74		
130	3.19	3.18	3.17	3.13	3.11	3.07	3.09	3.10	3.10	3.10	3.09	3.06	3.09	3.11	3.14	3.16	3.23		
135	3.66	3.61	3.58	3.56	3.54	3.51	3.52	3.53	3.57	3.56	3.54	3.52	3.54	3.54	3.56	3.63	3.66		
140	4.07	4.09	4.03	4.01	3.96	3.98	3.97	4.00	4.03	4.01	4.01	3.97	3.99	3.98	4.04	4.08	4.10		
145	4.51	4.49	4.49	4.43	4.39	4.37	4.39	4.41	4.44	4.45	4.45	4.39	4.41	4.43	4.45	4.51	4.53		
150	4.93	4.87	4.87	4.85	4.83	4.80	4.81	4.81	4.82	4.83	4.84	4.79	4.83	4.82	4.88	4.92	4.92		
155	5.31	5.28	5.25	5.26	5.19	5.19	5.17	5.19	5.25	5.22	5.23	5.22	5.22	5.22	5.26	5.27	5.31		
160	5.62	5.59	5.55	5.58	5.57	5.57	5.57	5.54	5.58	5.59	5.62	5.60	5.59	5.57	5.61	5.62	5.66		
165	5.95	5.94	5.90	5.86	5.84	5.88	5.86	5.91	5.96	5.92	5.95	5.92	5.87	5.91	5.90	5.94	5.93		
170	6.20	6.21	6.23	6.18	6.12	6.13	6.12	6.13	6.14	6.16	6.19	6.17	6.15	6.16	6.13	6.16	6.22		
175	6.42	6.46	6.45	6.44	6.42	6.38	6.38	6.37	6.40	6.40	6.44	6.43	6.46	6.44	6.41	6.42	6.45		
180	6.60	6.58	6.65	6.63	6.58	6.59	6.56	6.56	6.59	6.55	6.57	6.56	6.63	6.60	6.58	6.56	6.56		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2016-07-02

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: