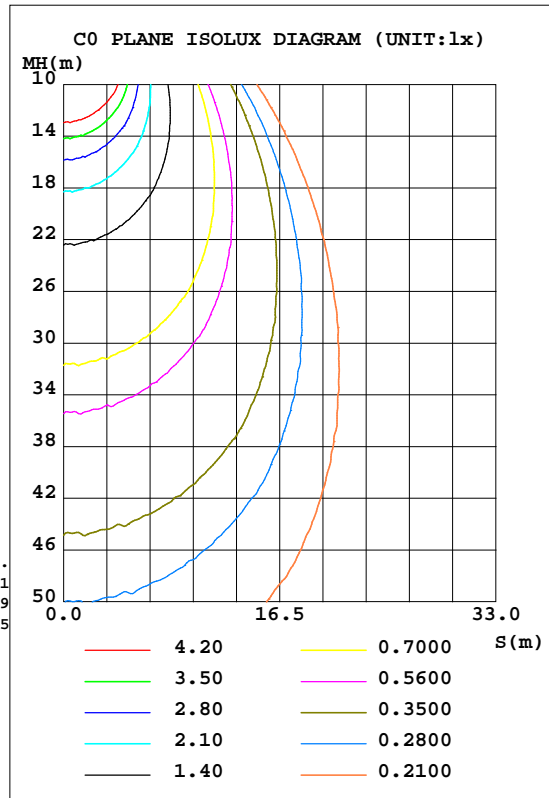
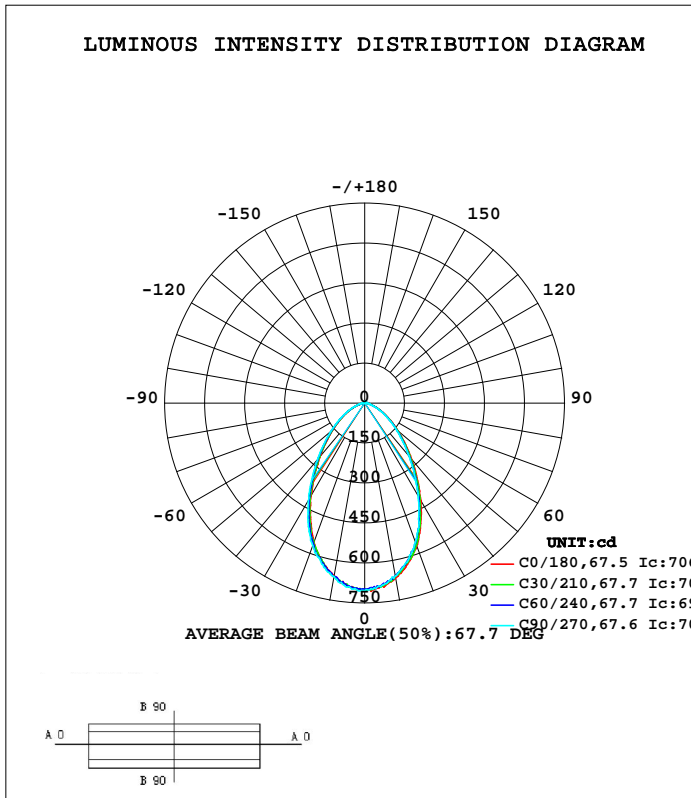


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 71.30 lm/W
MODEL	AC COB	I <sub>max</sub> (cd)	706.6	S/MH(C0/180)	0.95	
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.98	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1052.5	η UP, DN(C0-180)	0.7, 48.5	
NOMINAL FLUX(lm)	1052.54	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 50.0	
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	120	η down(%)	98.5	CIBSE SHR MAX	1.05	



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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	691.3	689.7	690.8	684.1	690.5	690.5	691.0	689.8	0- 5	16.58	16.58	1.58,1.58
10	667.1	660.2	658.0	655.3	658.7	659.0	662.2	666.0	5- 10	48.23	64.81	6.16,6.16
15	625.3	617.1	616.9	607.7	617.4	612.6	625.8	624.8	10- 15	75.69	140.5	13.3,13.3
20	570.7	562.7	557.2	548.3	556.9	562.6	569.1	571.6	15- 20	97.08	237.6	22.6,22.6
25	499.0	488.4	479.3	473.8	482.3	493.2	500.6	500.6	20- 25	110.1	347.6	33.33
30	422.9	409.5	403.0	394.5	405.2	411.9	424.2	422.0	25- 30	113.5	461.1	43.8,43.8
35	342.1	333.3	325.3	318.7	329.3	334.7	344.3	345.5	30- 35	109.2	570.3	54.2,54.2
40	273.7	265.1	259.7	252.5	260.4	267.4	274.7	276.1	35- 40	99.62	670.0	63.7,63.7
45	214.4	208.0	201.6	199.1	202.9	208.6	214.9	216.6	40- 45	87.24	757.2	71.9,71.9
50	164.8	160.1	154.2	152.1	156.4	161.2	166.7	166.7	45- 50	73.91	831.1	79.79
55	125.1	120.4	118.0	115.2	117.5	121.8	126.1	126.0	50- 55	60.71	891.8	84.7,84.7
60	91.71	88.54	86.23	84.58	86.34	89.04	91.78	92.97	55- 60	48.18	940.0	89.3,89.3
65	65.09	62.19	60.03	58.52	60.05	61.25	64.89	65.52	60- 65	36.49	976.5	92.8,92.8
70	42.59	40.08	37.99	36.89	37.58	39.65	42.14	43.11	65- 70	25.66	1002	95.2,95.2
75	25.64	23.89	22.55	21.81	22.47	23.39	24.90	25.84	70- 75	16.28	1018	96.8,96.8
80	16.51	15.20	14.23	13.82	14.39	15.17	16.16	16.73	75- 80	10.32	1029	97.7,97.7
85	9.047	7.850	6.824	6.294	6.942	8.006	8.971	9.420	80- 85	6.300	1035	98.3,98.3
90	0.6366	0.2932	0.2994	0.3035	0.2965	0.2780	0.3788	1.079	85- 90	2.078	1037	98.5,98.5
95	0.3966	0.4114	0.4346	0.4401	0.4288	0.3971	0.3882	0.3783	90- 95	0.1927	1037	98.6,98.6
100	0.5719	0.5840	0.6159	0.6213	0.6016	0.5696	0.5548	0.5365	95-100	0.2660	1038	98.6,98.6
105	0.7961	0.8171	0.8491	0.8574	0.8322	0.8041	0.7735	0.7509	100-105	0.3689	1038	98.6,98.6
110	1.078	1.112	1.154	1.161	1.131	1.083	1.049	1.028	105-110	0.4951	1038	98.7,98.7
115	1.440	1.466	1.531	1.535	1.500	1.436	1.398	1.361	110-115	0.6432	1039	98.7,98.7
120	1.869	1.906	1.983	1.974	1.928	1.848	1.806	1.772	115-120	0.8077	1040	98.8,98.8
125	2.341	2.400	2.466	2.472	2.432	2.337	2.289	2.241	120-125	0.9780	1041	98.9,98.9
130	2.882	2.934	3.019	3.005	2.962	2.861	2.836	2.756	125-130	1.143	1042	99.99
135	3.465	3.502	3.593	3.577	3.540	3.406	3.388	3.311	130-135	1.285	1043	99.1,99.1
140	4.037	4.083	4.133	4.148	4.084	3.968	3.940	3.862	135-140	1.385	1045	99.3,99.3
145	4.596	4.640	4.756	4.676	4.624	4.483	4.479	4.427	140-145	1.435	1046	99.4,99.4
150	5.106	5.167	5.263	5.209	5.113	5.006	5.000	4.937	145-150	1.423	1048	99.5,99.5
155	5.577	5.585	5.714	5.641	5.579	5.472	5.488	5.413	150-155	1.346	1049	99.7,99.7
160	5.960	6.011	6.111	6.031	5.965	5.876	5.896	5.854	155-160	1.206	1050	99.8,99.8
165	6.390	6.404	6.439	6.376	6.338	6.267	6.274	6.187	160-165	1.011	1051	99.9,99.9
170	6.728	6.747	6.706	6.672	6.654	6.601	6.598	6.537	165-170	0.7685	1052	99.9,99.9
175	6.948	7.053	6.968	6.981	6.960	6.944	6.900	6.928	170-175	0.4845	1052	100,100
180	7.140	7.215	7.149	7.166	7.166	7.222	7.154	7.162	175-180	0.1683	1053	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 757.2 lm

%lum = 71.9%  
%lamp = 71.9%

Conical surface Flux(120deg): 940 lm

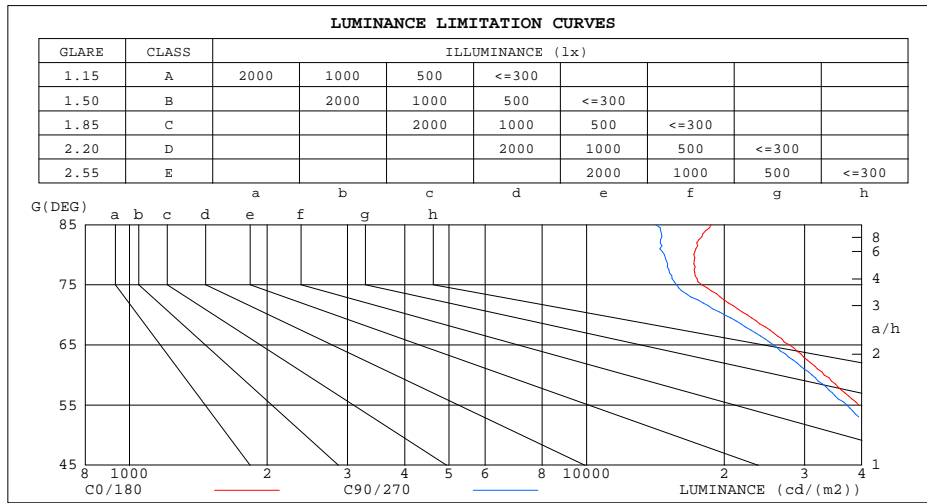
%lum = 89.3%  
%lamp = 89.3%

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:Kevin  
Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	18744	14138
80	17167	14793
75	17886	15735
70	22483	20059
65	27811	25648
60	33119	31142
55	39387	37135
50	46304	43318
45	54741	51489

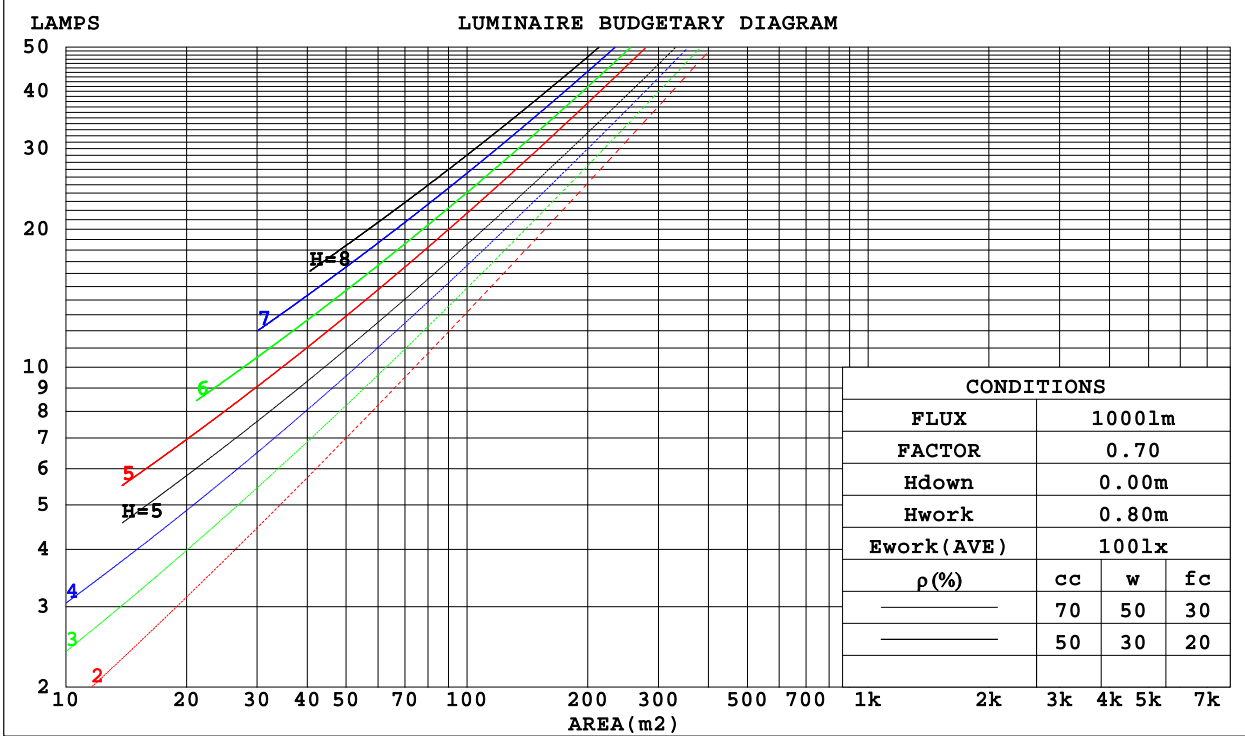
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	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	1.07	1.04	1.01	1.05	1.02	.99	1.00	.98	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.96	.91	.86	.94	.89	.85	.91	.86	.83	.87	.84	.81	.84	.81	.79	.77
3.0	.87	.80	.75	.85	.79	.74	.82	.77	.73	.79	.75	.71	.77	.73	.70	.68
4.0	.79	.72	.66	.78	.71	.65	.75	.69	.64	.73	.68	.63	.70	.66	.63	.61
5.0	.72	.64	.59	.71	.64	.58	.69	.62	.58	.67	.61	.57	.65	.60	.56	.54
6.0	.66	.58	.53	.65	.58	.53	.63	.57	.52	.61	.56	.51	.60	.55	.51	.49
7.0	.61	.53	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.56	.50	.46	.45
8.0	.56	.49	.44	.56	.48	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
9.0	.52	.45	.40	.52	.45	.40	.50	.44	.40	.49	.44	.39	.48	.43	.39	.38
10.0	.49	.42	.37	.48	.41	.37	.47	.41	.37	.46	.41	.37	.45	.40	.36	.35



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	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	.243	.138	.044	.236	.135	.043	.222	.127	.041	.210	.121	.039	.198	.115	.037	
2.0	.233	.128	.039	.226	.125	.038	.215	.119	.037	.204	.114	.036	.193	.109	.034	
3.0	.219	.117	.035	.214	.115	.034	.203	.110	.034	.194	.106	.033	.185	.102	.032	
4.0	.206	.107	.031	.201	.105	.031	.192	.102	.030	.183	.098	.030	.175	.095	.029	
5.0	.193	.099	.029	.189	.097	.028	.181	.094	.028	.173	.091	.027	.166	.089	.027	
6.0	.182	.091	.026	.178	.090	.026	.171	.088	.025	.164	.085	.025	.158	.083	.025	
7.0	.171	.085	.024	.168	.084	.024	.161	.082	.023	.155	.080	.023	.149	.078	.023	
8.0	.162	.079	.022	.159	.078	.022	.153	.076	.022	.147	.075	.022	.142	.073	.021	
9.0	.153	.074	.021	.150	.073	.021	.145	.072	.020	.140	.070	.020	.135	.069	.020	
10.0	.145	.070	.019	.142	.069	.019	.138	.067	.019	.133	.066	.019	.129	.065	.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	.202	.202	.202	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.187	.168	.151	.160	.144	.130	.109	.099	.090	.063	.057	.052	.020	.018	.017	
2.0	.176	.144	.116	.150	.124	.101	.103	.085	.070	.059	.050	.041	.019	.016	.013	
3.0	.166	.125	.093	.142	.108	.080	.098	.075	.056	.056	.044	.033	.018	.014	.011	
4.0	.158	.111	.076	.135	.096	.066	.093	.067	.047	.054	.039	.028	.017	.013	.009	
5.0	.150	.101	.064	.129	.087	.056	.089	.061	.039	.051	.036	.023	.017	.012	.008	
6.0	.143	.092	.055	.123	.080	.048	.085	.056	.034	.049	.033	.020	.016	.011	.007	
7.0	.137	.085	.048	.117	.073	.042	.081	.052	.030	.047	.030	.018	.015	.010	.006	
8.0	.131	.079	.043	.112	.068	.038	.078	.048	.027	.045	.028	.016	.015	.009	.005	
9.0	.125	.074	.039	.108	.064	.034	.075	.045	.024	.043	.027	.015	.014	.009	.005	
10.0	.120	.070	.036	.103	.060	.031	.072	.043	.022	.042	.025	.013	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm										
NAME: 8567					TYPE:LED tirm			WEIGHT:		
SPEC.:15W CRI90					DIM.:			SERIAL No.:1		
MFR.: AOM-LITE					SUR.:φ84MM			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	24.5	25.8	24.8	26.0	26.2	24.2	25.5	24.5	25.7	25.9
3H	25.1	26.3	25.4	26.5	26.8	24.8	26.0	25.1	26.2	26.5
4H	25.3	26.4	25.6	26.7	26.9	25.0	26.0	25.3	26.3	26.6
6H	25.5	26.5	25.8	26.8	27.1	25.1	26.1	25.4	26.4	26.7
8H	25.5	26.5	25.9	26.8	27.1	25.1	26.1	25.5	26.4	26.7
12H	25.6	26.5	25.9	26.8	27.1	25.1	26.1	25.5	26.4	26.7
4H 2H	24.7	25.8	25.1	26.1	26.4	24.5	25.6	24.8	25.9	26.1
3H	25.5	26.5	25.9	26.8	27.1	25.2	26.2	25.6	26.5	26.8
4H	25.8	26.6	26.2	27.0	27.3	25.5	26.3	25.8	26.6	27.0
6H	26.0	26.8	26.4	27.1	27.5	25.7	26.4	26.1	26.8	27.2
8H	26.1	26.8	26.6	27.2	27.6	25.7	26.4	26.2	26.8	27.2
12H	26.2	26.9	26.7	27.3	27.7	25.8	26.4	26.2	26.8	27.3
8H 4H	25.8	26.5	26.2	26.9	27.3	25.5	26.2	25.9	26.6	27.0
6H	26.2	26.7	26.6	27.2	27.6	25.8	26.4	26.3	26.8	27.3
8H	26.3	26.8	26.8	27.3	27.8	26.0	26.5	26.4	26.9	27.4
12H	26.5	27.0	27.0	27.4	27.9	26.1	26.5	26.6	27.0	27.5
12H 4H	25.8	26.4	26.2	26.8	27.3	25.5	26.1	25.9	26.5	27.0
6H	26.2	26.7	26.6	27.1	27.6	25.8	26.3	26.3	26.8	27.3
8H	26.4	26.8	26.9	27.3	27.8	26.0	26.4	26.5	26.9	27.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.7				
1.5H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
2.0H	+ 1.0 / - 0.8					+ 0.9 / - 0.8				

CIE Pub.117 Corrected 1053 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:

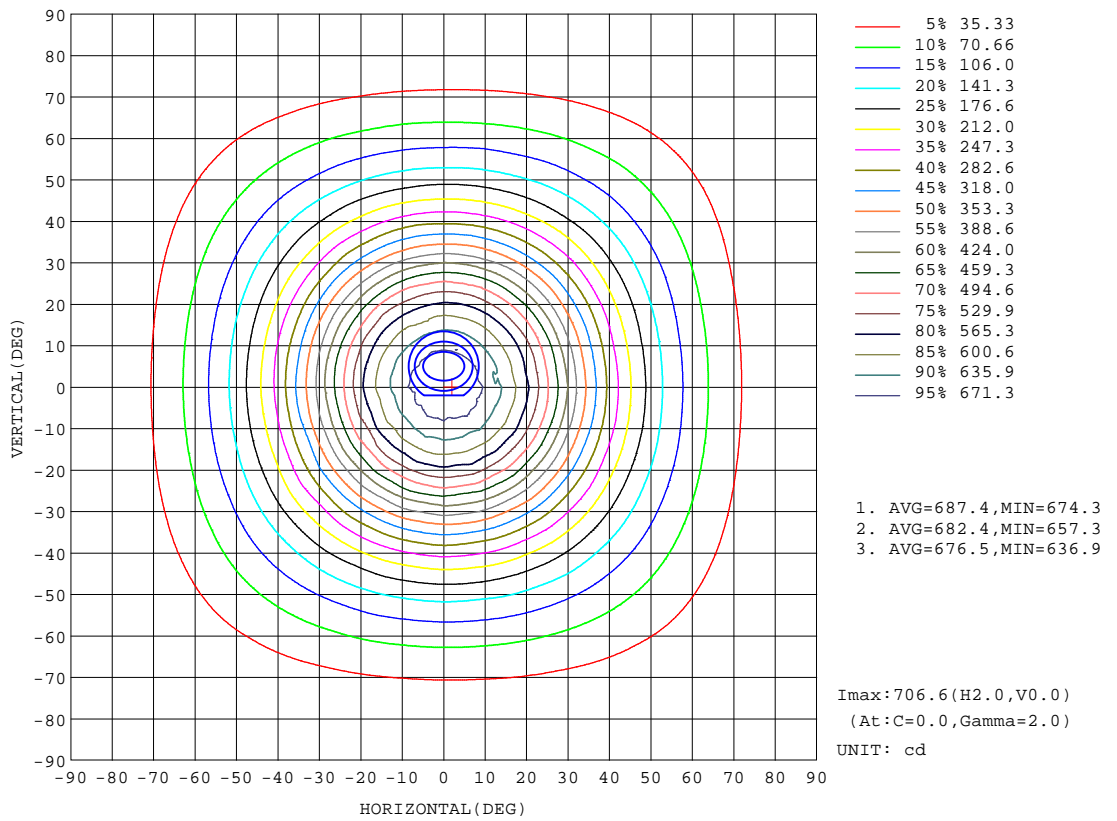
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	69	59	53	68	59	53	67	58	53	48
0.80	78	69	63	77	69	63	76	68	62	57
1.00	86	77	71	84	76	71	82	77	70	64
1.25	92	83	78	90	83	77	88	81	77	70
1.50	96	88	83	94	87	82	91	85	81	75
2.00	101	94	89	99	93	89	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	99	96	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	103	104	102	99	90
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:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

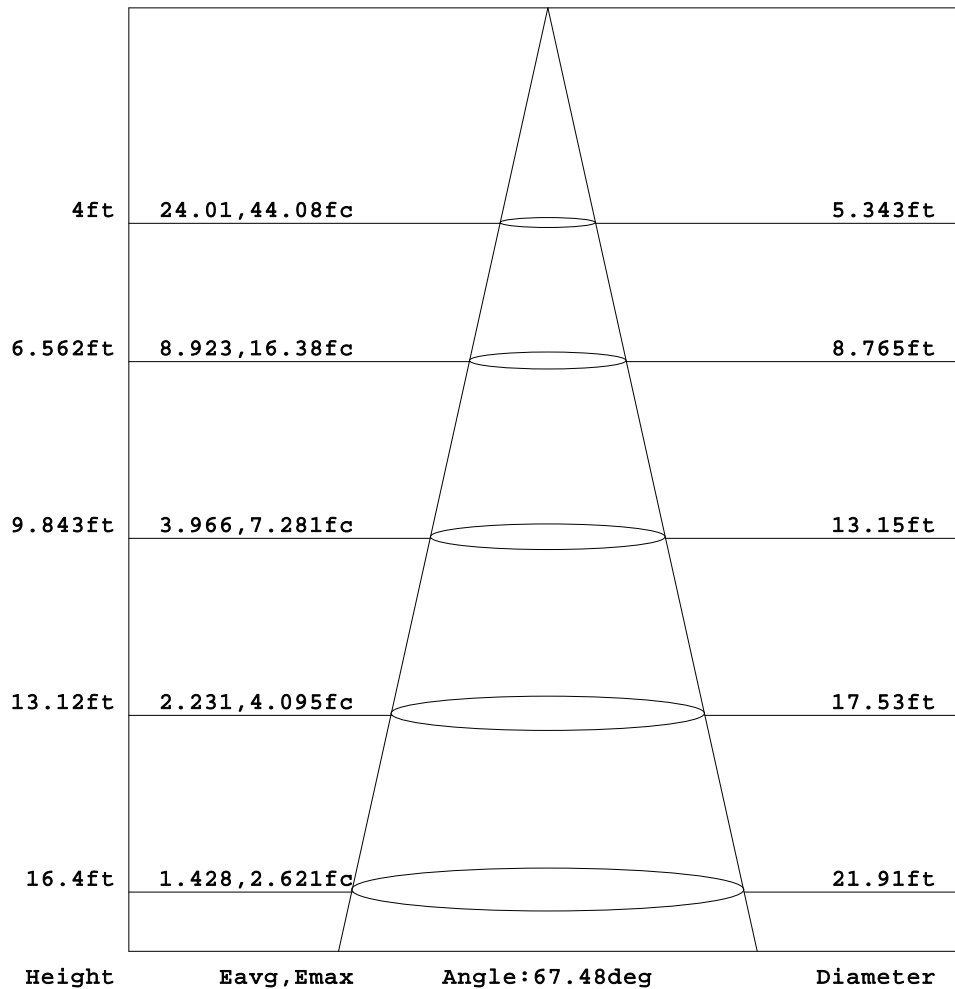
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:6.950m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:

Flux out:549.1 lm



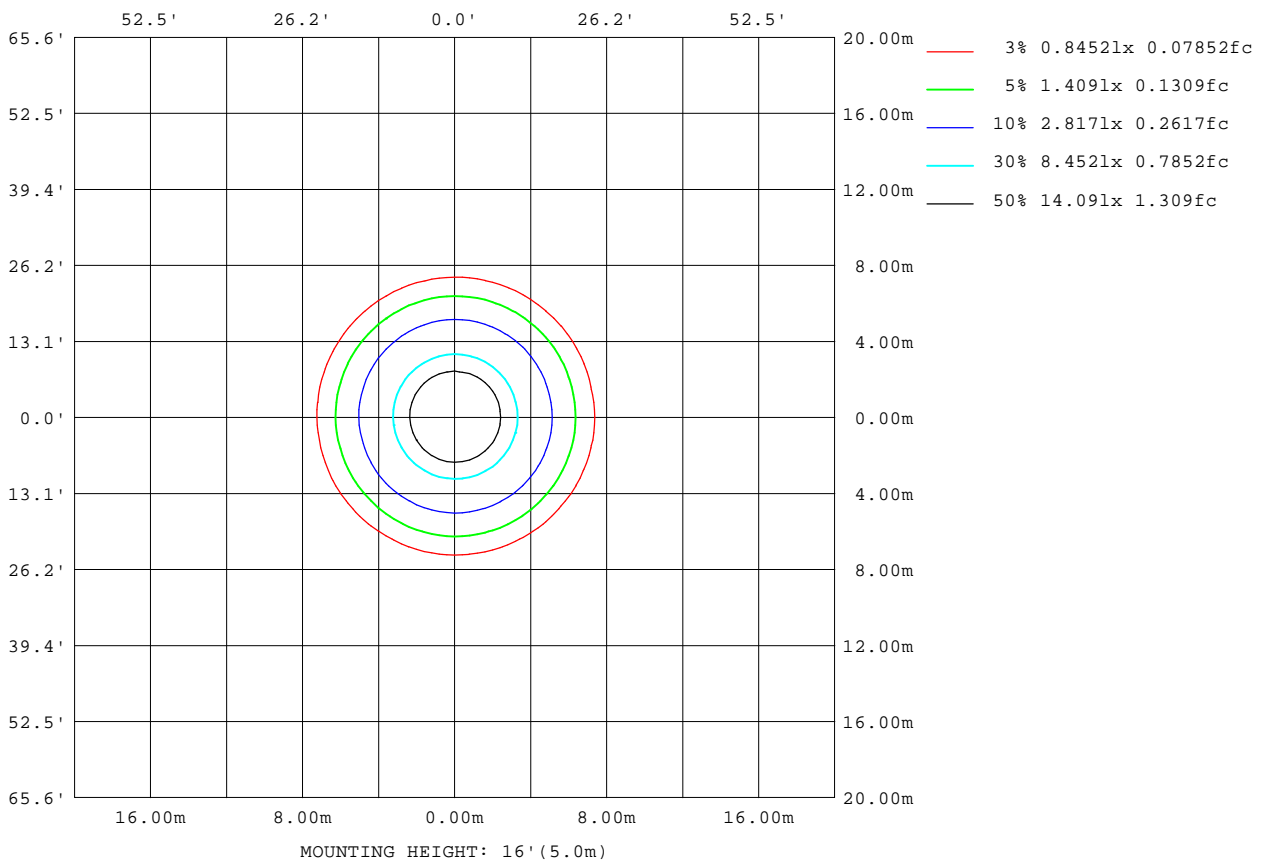
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	Shielding Angle:

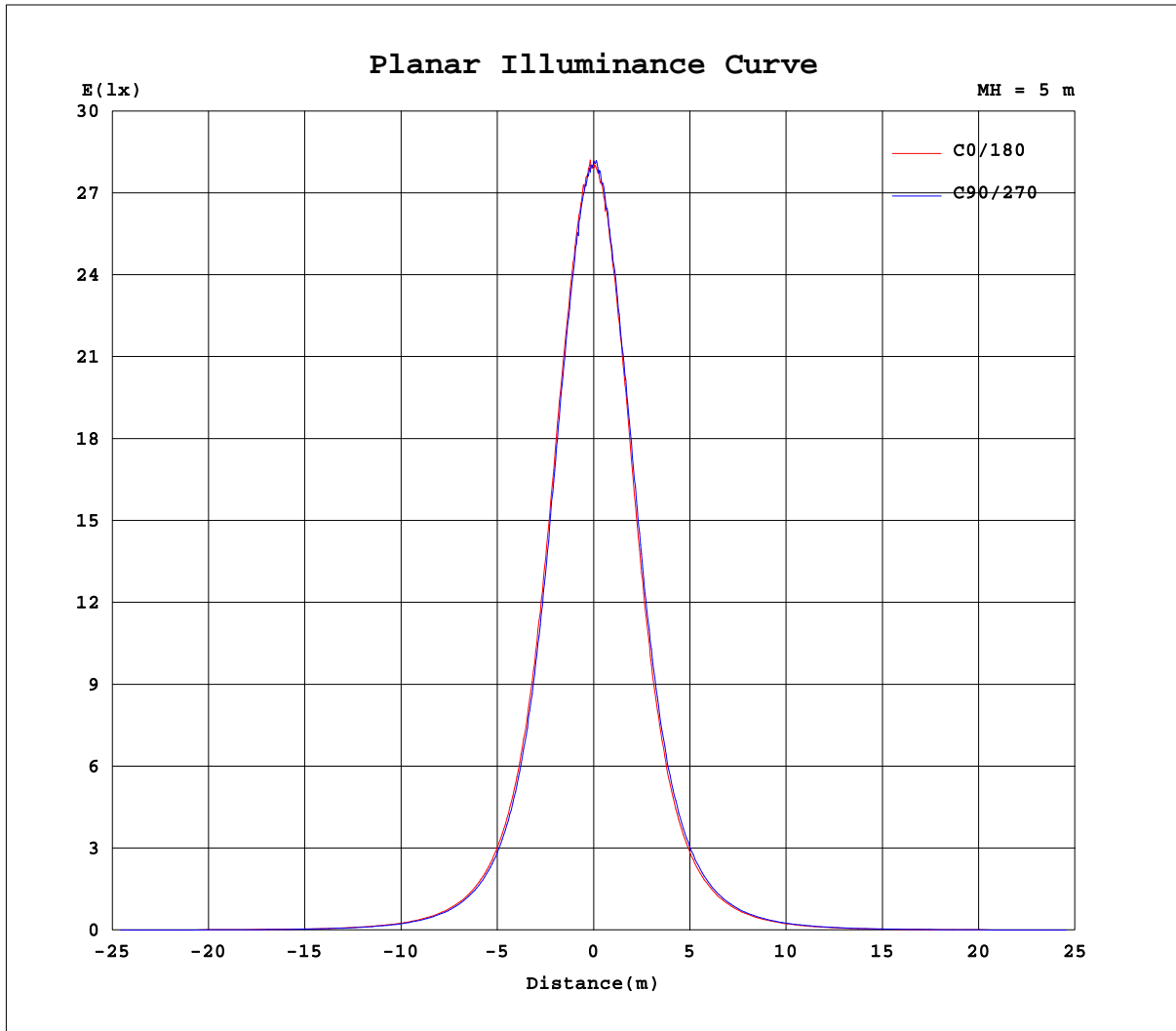
AvgL	cd/m2
L_0~180(65)av	26733
L_0~180(75)av	16783
L_0~180(85)av	16563
L_90~270(65)av	26687
L_90~270(75)av	16554
L_90~270(85)av	16362
L_45(65)av	26416
L_45(75)av	16551
L_45(85)av	16350

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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: 2016-06-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	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	704	701	700	702	697	699	699	701	696	704	698	699	695	701	699	699	697	697	704
5	691	691	687	693	687	692	689	687	689	691	685	683	682	686	682	687	686	683	691
10	667	667	661	662	657	663	658	659	656	658	654	656	652	654	657	653	651	650	659
15	625	624	625	621	617	617	615	619	614	617	611	611	606	608	607	609	607	607	617
20	571	570	566	568	562	564	559	563	557	557	554	555	547	547	549	549	547	550	557
25	499	499	495	493	488	489	485	485	482	479	477	478	475	475	472	473	473	475	482
30	423	419	416	415	410	409	407	407	400	403	397	399	394	396	393	395	396	398	405
35	342	342	338	336	333	334	330	328	326	325	324	323	320	319	318	321	308	323	329
40	274	274	270	269	265	265	262	262	259	260	256	256	253	253	252	255	254	252	260
45	214	215	211	210	209	207	204	202	201	202	201	199	198	199	199	198	199	200	203
50	165	164	163	162	160	160	157	157	155	154	154	154	152	153	151	153	152	154	156
55	125	124	123	122	120	120	119	119	117	118	116	117	115	116	115	116	115	116	117
60	91.7	92.4	89.9	90.2	88.8	88.3	87.0	87.0	86.4	86.2	85.2	85.1	84.6	84.8	84.4	84.7	83.7	84.8	86.3
65	65.1	64.9	63.9	63.2	62.3	62.1	61.3	60.8	60.3	60.0	59.0	59.0	58.4	58.6	58.4	58.8	58.6	59.1	60.0
70	42.6	42.1	41.3	41.0	40.2	40.0	39.2	39.0	38.3	38.0	37.4	37.3	36.9	37.0	36.8	37.1	37.0	37.1	37.6
75	25.6	25.4	24.8	24.6	24.1	23.7	23.3	23.2	22.7	22.6	22.3	22.1	21.9	21.8	21.8	22.0	21.9	22.1	22.5
80	16.5	16.5	15.9	15.6	15.2	15.2	14.8	14.7	14.3	14.2	14.0	14.0	13.6	13.8	13.8	13.9	13.9	14.1	14.4
85	9.05	8.91	8.52	8.39	7.88	7.82	7.45	7.30	6.96	6.82	6.48	6.45	6.20	6.34	6.25	6.46	6.45	6.75	6.94
90	0.64	0.49	0.33	0.29	0.30	0.29	0.30	0.29	0.30	0.30	0.30	0.31	0.30	0.31	0.30	0.31	0.30	0.30	0.30
95	0.40	0.40	0.41	0.40	0.41	0.41	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.43
100	0.57	0.57	0.57	0.58	0.58	0.59	0.59	0.60	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.61	0.60
105	0.80	0.80	0.80	0.81	0.81	0.82	0.84	0.84	0.86	0.85	0.86	0.85	0.86	0.86	0.86	0.86	0.85	0.85	0.83
110	1.08	1.08	1.09	1.09	1.11	1.12	1.13	1.13	1.15	1.15	1.16	1.16	1.16	1.16	1.16	1.15	1.15	1.15	1.13
115	1.44	1.44	1.45	1.46	1.46	1.47	1.49	1.50	1.52	1.53	1.54	1.53	1.54	1.53	1.54	1.53	1.53	1.51	1.50
120	1.87	1.86	1.87	1.88	1.90	1.91	1.93	1.95	1.96	1.98	1.98	1.96	1.96	1.97	1.98	1.97	1.97	1.97	1.93
125	2.34	2.34	2.36	2.38	2.40	2.40	2.43	2.43	2.47	2.47	2.48	2.46	2.46	2.47	2.47	2.46	2.46	2.45	2.43
130	2.88	2.90	2.91	2.91	2.93	2.94	2.97	3.00	3.04	3.02	3.05	3.02	3.02	2.99	3.02	3.01	3.01	3.00	2.96
135	3.47	3.44	3.49	3.47	3.49	3.51	3.55	3.55	3.61	3.59	3.58	3.58	3.57	3.57	3.59	3.57	3.55	3.54	3.54
140	4.04	4.02	4.04	4.05	4.06	4.11	4.13	4.14	4.17	4.13	4.18	4.18	4.14	4.13	4.17	4.14	4.11	4.11	4.08
145	4.60	4.61	4.56	4.65	4.62	4.66	4.70	4.74	4.75	4.76	4.74	4.74	4.70	4.68	4.68	4.70	4.65	4.66	4.62
150	5.11	5.12	5.09	5.10	5.16	5.18	5.24	5.23	5.30	5.26	5.25	5.23	5.19	5.20	5.22	5.18	5.17	5.15	5.11
155	5.58	5.60	5.56	5.56	5.59	5.58	5.68	5.69	5.75	5.71	5.68	5.65	5.66	5.63	5.65	5.63	5.58	5.60	5.58
160	5.96	5.97	5.96	5.95	5.98	6.04	6.10	6.11	6.14	6.11	6.08	6.05	6.05	6.01	6.05	5.96	6.01	5.99	5.97
165	6.39	6.35	6.37	6.36	6.41	6.40	6.46	6.47	6.49	6.44	6.47	6.43	6.35	6.34	6.41	6.38	6.35	6.36	6.34
170	6.73	6.70	6.71	6.64	6.73	6.77	6.73	6.78	6.73	6.71	6.67	6.67	6.64	6.66	6.68	6.70	6.64	6.66	6.65
175	6.95	6.95	6.99	7.06	7.05	7.06	7.06	7.02	7.01	6.97	6.95	7.01	6.98	6.98	6.98	7.01	6.93	6.90	6.96
180	7.14	7.16	7.17	7.18	7.21	7.22	7.18	7.14	7.13	7.15	7.16	7.11	7.09	7.13	7.20	7.11	7.09	7.08	7.17

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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:120.3V I:0.1238A P:14.76W PF:0.9912 Lamp Flux:1052.54x1 lm		
NAME: 8567	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ84MM	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	701	700	702	697	699	699	701	696	704	698	699	695	701	699	699	697	697		
5	689	686	693	691	690	688	694	693	691	690	693	687	690	690	689	685	681		
10	660	661	661	655	663	660	662	664	662	665	667	665	665	667	663	663	660		
15	613	613	615	613	612	619	621	619	626	625	626	621	622	627	621	621	616		
20	554	556	559	562	563	564	564	566	569	570	569	570	569	574	571	570	566		
25	481	486	486	492	495	497	501	498	501	499	499	502	501	500	501	498	495		
30	405	405	410	411	413	418	418	417	424	424	424	424	422	422	422	420	419		
35	327	329	331	335	335	340	343	345	344	347	348	347	346	345	344	342	341		
40	261	262	263	266	269	271	274	277	275	275	279	277	277	275	275	274	271		
45	204	206	207	207	210	211	214	215	215	218	217	217	216	217	216	214	213		
50	156	158	159	160	162	163	164	165	167	166	168	167	166	167	166	165	164		
55	118	119	119	121	122	124	124	125	126	126	126	126	126	126	126	125	124		
60	86.9	87.2	87.3	88.6	89.5	90.8	90.7	91.7	91.8	92.9	93.1	93.6	92.7	93.2	92.8	92.3	91.6		
65	59.9	60.8	61.2	60.2	62.3	63.4	63.7	64.5	64.9	65.7	65.6	66.2	65.3	65.8	65.4	65.7	64.4		
70	37.9	38.5	38.7	39.5	39.8	40.4	41.2	41.7	42.1	42.6	42.9	43.2	42.9	43.3	43.1	42.8	42.1		
75	22.5	22.8	23.0	23.3	23.5	23.8	24.2	24.6	24.9	25.3	25.3	25.8	25.7	26.0	25.9	26.0	25.5		
80	14.5	14.7	14.9	15.1	15.2	15.6	15.7	16.0	16.2	16.4	16.5	16.7	16.6	16.8	16.7	16.8	16.5		
85	7.14	7.38	7.63	7.92	8.09	8.34	8.58	8.78	8.97	9.16	9.21	9.39	9.44	9.40	9.36	9.37	9.17		
90	0.29	0.29	0.29	0.28	0.28	0.27	0.29	0.31	0.38	0.63	0.70	1.03	1.00	1.16	1.02	1.05	0.74		
95	0.42	0.41	0.41	0.39	0.40	0.39	0.40	0.39	0.39	0.39	0.39	0.38	0.38	0.38	0.38	0.38	0.39		
100	0.60	0.58	0.58	0.57	0.57	0.56	0.56	0.55	0.55	0.54	0.55	0.54	0.54	0.53	0.54	0.54	0.54		
105	0.83	0.81	0.81	0.81	0.80	0.79	0.78	0.76	0.77	0.76	0.76	0.76	0.76	0.75	0.75	0.76	0.76		
110	1.13	1.10	1.10	1.09	1.08	1.07	1.06	1.06	1.05	1.04	1.04	1.01	1.03	1.03	1.03	1.03	1.04		
115	1.50	1.47	1.46	1.44	1.43	1.41	1.41	1.40	1.40	1.37	1.36	1.36	1.36	1.36	1.37	1.37	1.39		
120	1.92	1.90	1.87	1.86	1.84	1.82	1.84	1.80	1.81	1.80	1.79	1.77	1.77	1.78	1.77	1.77	1.79		
125	2.42	2.37	2.36	2.34	2.33	2.31	2.26	2.28	2.29	2.27	2.26	2.24	2.24	2.24	2.25	2.27	2.27		
130	2.95	2.92	2.88	2.88	2.85	2.83	2.72	2.81	2.84	2.79	2.80	2.76	2.77	2.75	2.78	2.78	2.81		
135	3.50	3.45	3.43	3.42	3.40	3.38	3.37	3.35	3.39	3.35	3.33	3.30	3.31	3.31	3.33	3.34	3.36		
140	4.03	4.01	3.98	3.97	3.96	3.95	3.93	3.93	3.94	3.91	3.91	3.90	3.85	3.87	3.88	3.89	3.91		
145	4.58	4.57	4.54	4.49	4.47	4.46	4.48	4.51	4.48	4.49	4.46	4.41	4.43	4.42	4.44	4.44	4.44		
150	5.07	5.04	5.02	5.02	5.00	4.97	4.99	5.00	5.00	4.98	4.97	4.94	4.95	4.93	4.98	5.02	4.97		
155	5.54	5.50	5.49	5.47	5.47	5.40	5.44	5.45	5.49	5.47	5.47	5.45	5.42	5.40	5.41	5.45	5.44		
160	5.94	5.92	5.86	5.89	5.86	5.87	5.85	5.85	5.90	5.91	5.88	5.89	5.88	5.83	5.82	5.85	5.80		
165	6.30	6.30	6.26	6.28	6.25	6.22	6.23	6.28	6.27	6.33	6.32	6.29	6.21	6.16	6.20	6.22	6.24		
170	6.66	6.68	6.64	6.62	6.58	6.53	6.54	6.52	6.60	6.59	6.60	6.62	6.54	6.54	6.53	6.50	6.55		
175	6.92	6.97	6.99	6.96	6.93	6.90	6.91	6.91	6.90	6.88	6.93	6.95	6.95	6.90	6.87	6.86	6.83		
180	7.18	7.15	7.19	7.21	7.23	7.15	7.10	7.11	7.15	7.13	7.13	7.15	7.17	7.15	7.11	7.13	7.07		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-29

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: