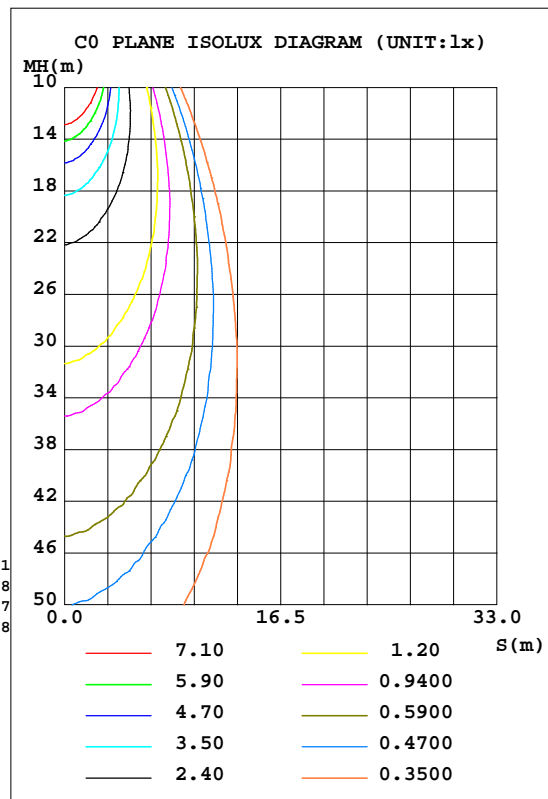
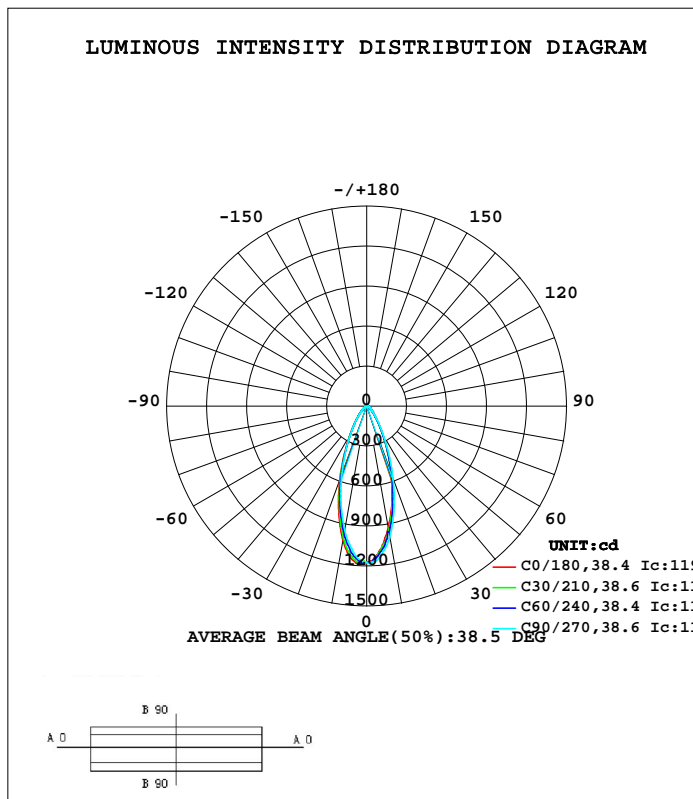


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.42lx1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 79.35 lm/W
MODEL	AC COB	I <sub>max</sub> (cd)	1194	S/MH(C0/180)	0.65	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.61	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	805.42	η UP, DN(C0-180)	0.7,49.7	
NOMINAL FLUX(lm)	805.421	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7,48.8	
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	120	η down(%)	98.5	CIBSE SHR MAX	0.65	



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	1093	1106	1140	1164	1162	1136	1107	1086	0- 5	27.50	27.50	3.93,3.93
10	933.7	953.6	999.5	1022	1024	990.3	952.4	924.8	5- 10	74.95	102.5	14.6,14.6
15	735.0	755.0	797.4	819.6	812.7	782.0	744.7	728.7	10- 15	103.1	205.6	29.4,29.4
20	537.4	550.8	579.2	596.0	593.5	570.5	549.4	541.0	15- 20	109.2	314.8	45.45
25	367.6	369.3	389.0	405.0	399.3	388.0	377.3	371.0	20- 25	98.04	412.9	59.59
30	236.6	236.8	251.9	260.1	257.6	249.8	245.4	241.9	25- 30	78.26	491.1	70.2,70.2
35	151.6	150.2	160.9	165.9	164.1	158.2	156.6	153.9	30- 35	58.37	549.5	78.6,78.6
40	95.68	95.46	103.1	105.9	104.8	100.3	99.43	97.66	35- 40	42.07	591.6	84.6,84.6
45	62.37	61.99	66.51	69.17	67.63	65.24	64.43	63.25	40- 45	29.95	621.5	88.9,88.9
50	41.25	41.34	44.22	45.68	44.97	43.74	42.97	42.16	45- 50	21.48	643.0	91.9,91.9
55	28.28	28.06	29.85	30.95	30.78	29.96	29.18	28.78	50- 55	15.59	658.6	94.2,94.2
60	19.51	19.24	20.32	21.07	21.08	20.65	19.93	19.74	55- 60	11.34	669.9	95.8,95.8
65	12.61	12.35	12.91	13.44	13.60	13.48	12.90	12.63	60- 65	8.001	677.9	96.9,96.9
70	7.716	7.637	7.930	8.204	8.307	8.169	7.777	7.625	65- 70	5.186	683.1	97.7,97.7
75	4.432	4.458	4.622	4.755	4.755	4.659	4.438	4.368	70- 75	3.199	686.3	98.1,98.1
80	2.276	2.338	2.483	2.526	2.468	2.401	2.219	2.252	75- 80	1.806	688.1	98.4,98.4
85	0.7611	0.8419	0.4922	0.8343	1.191	0.5636	0.2338	0.5650	80- 85	0.8324	688.9	98.5,98.5
90	0.0438	0.0374	0.0403	0.0346	0.0375	0.0374	0.0374	0.0389	85- 90	0.1109	689.0	98.5,98.5
95	0.0690	0.0663	0.0719	0.0647	0.0719	0.0647	0.0690	0.0748	90- 95	0.0277	689.1	98.5,98.5
100	0.1179	0.1122	0.1146	0.1121	0.1151	0.1093	0.1178	0.1166	95-100	0.0483	689.1	98.5,98.5
105	0.1869	0.1798	0.1787	0.1755	0.1757	0.1727	0.1812	0.1899	100-105	0.0778	689.2	98.5,98.5
110	0.2989	0.2862	0.2879	0.2775	0.2764	0.2676	0.2902	0.2963	105-110	0.1191	689.3	98.6,98.6
115	0.4599	0.4430	0.4405	0.4286	0.4233	0.4101	0.4370	0.4504	110-115	0.1797	689.5	98.6,98.6
120	0.7155	0.6874	0.6766	0.6659	0.6449	0.6331	0.6755	0.6947	115-120	0.2654	689.8	98.6,98.6
125	1.080	1.040	1.025	1.010	0.9762	0.9681	1.018	1.046	120-125	0.3851	690.1	98.7,98.7
130	1.598	1.553	1.517	1.486	1.448	1.440	1.515	1.549	125-130	0.5429	690.7	98.8,98.8
135	2.280	2.220	2.162	2.114	2.061	2.063	2.168	2.214	130-135	0.7343	691.4	98.9,98.9
140	3.085	3.007	2.942	2.845	2.789	2.807	2.956	3.005	135-140	0.9356	692.4	99.99
145	3.968	3.891	3.808	3.703	3.615	3.641	3.813	3.851	140-145	1.117	693.5	99.2,99.2
150	4.811	4.735	4.682	4.552	4.438	4.468	4.636	4.680	145-150	1.237	694.7	99.3,99.3
155	5.482	5.446	5.409	5.279	5.156	5.175	5.301	5.341	150-155	1.261	696.0	99.5,99.5
160	5.922	5.929	5.929	5.795	5.668	5.658	5.756	5.772	155-160	1.168	697.1	99.7,99.7
165	6.126	6.132	6.182	6.050	5.961	5.877	5.989	5.950	160-165	0.9761	698.1	99.8,99.8
170	6.205	6.176	6.156	6.140	6.067	5.940	5.987	5.915	165-170	0.7188	698.8	99.9,99.9
175	6.140	6.274	6.176	6.235	6.130	6.086	5.995	6.070	170-175	0.4348	699.3	100,100
180	6.263	6.316	6.208	6.268	6.263	6.280	6.185	6.257	175-180	0.1475	699.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 621.51 lm

%lum = 88.9%  
%lamp = 88.9%

Conical surface Flux(120deg): 669.91 lm

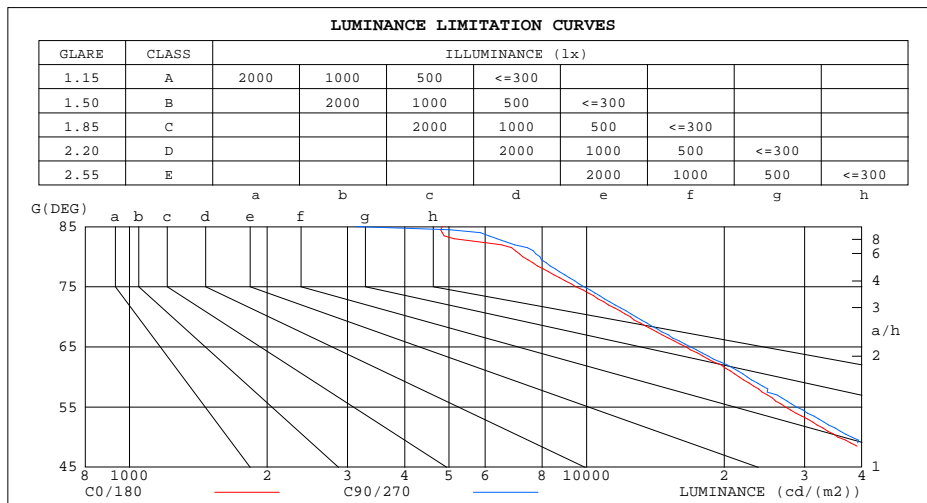
%lum = 95.8%  
%lamp = 95.8%

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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	Shielding Angle:



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	4830	3123
80	7251	7907
75	9471	9877
70	12479	12825
65	16509	16892
60	21578	22477
55	27267	28789
50	35495	38050
45	48784	52026

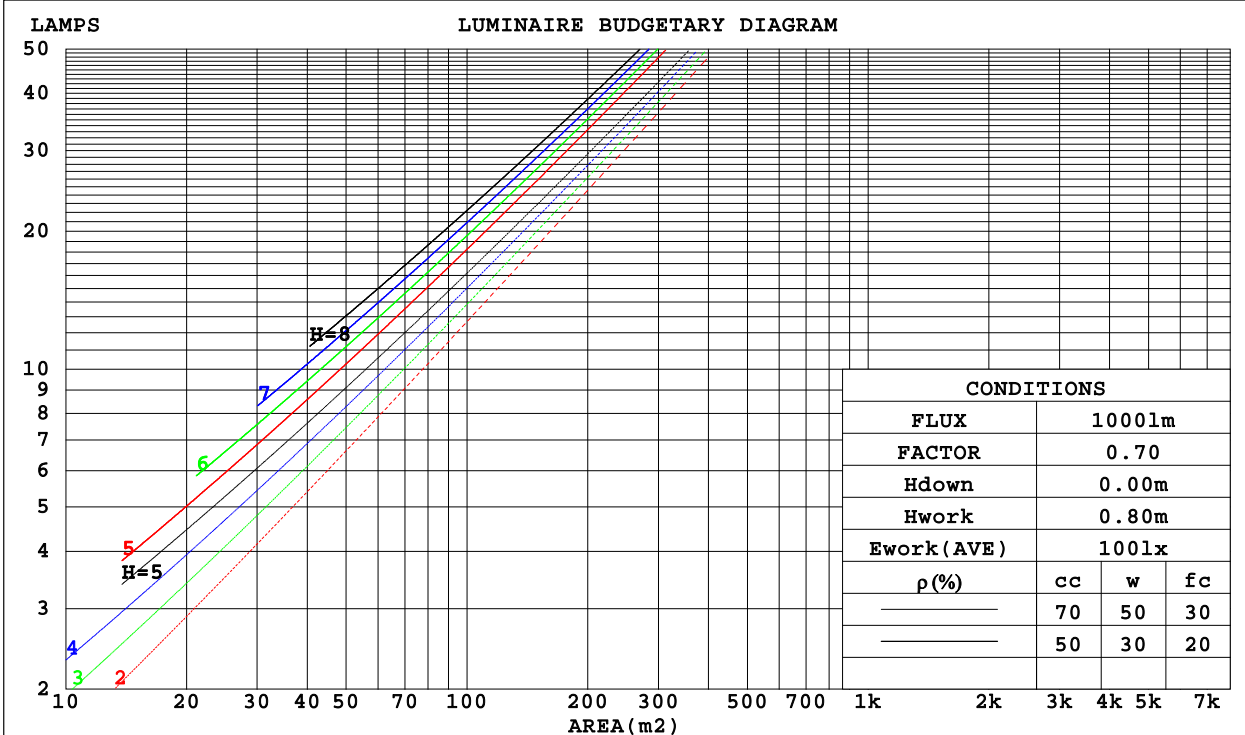
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-27

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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	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	1.10	1.07	1.05	1.08	1.05	1.03	1.03	1.02	.90	.99	.98	.97	.96	.95	.94	.92
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.93	.91	.89	.91	.88	.87	.85
3.0	.95	.90	.86	.93	.89	.85	.91	.87	.83	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.88	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.73	.82	.77	.73	.80	.75	.72	.78	.74	.71	.77	.73	.70	.69
6.0	.78	.72	.68	.77	.72	.68	.76	.71	.67	.74	.70	.67	.73	.69	.66	.65
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.69	.65	.62	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.57
9.0	.66	.61	.57	.66	.60	.57	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
10.0	.63	.57	.54	.63	.57	.54	.62	.57	.53	.61	.56	.53	.60	.56	.53	.52



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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	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	.185	.105	.033	.178	.102	.032	.165	.095	.030	.152	.088	.028	.141	.082	.026	
2.0	.177	.097	.030	.171	.094	.029	.159	.089	.028	.149	.084	.026	.139	.079	.025	
3.0	.167	.089	.027	.162	.087	.026	.152	.083	.025	.143	.079	.024	.135	.075	.023	
4.0	.158	.082	.024	.154	.080	.024	.145	.077	.023	.137	.074	.022	.130	.071	.022	
5.0	.150	.076	.022	.146	.075	.022	.138	.072	.021	.131	.069	.021	.125	.067	.020	
6.0	.142	.071	.020	.139	.070	.020	.132	.068	.020	.126	.065	.019	.120	.063	.019	
7.0	.135	.067	.019	.132	.066	.019	.126	.064	.018	.120	.062	.018	.115	.060	.018	
8.0	.128	.063	.018	.126	.062	.017	.120	.060	.017	.115	.058	.017	.111	.057	.017	
9.0	.122	.059	.017	.120	.058	.016	.115	.057	.016	.111	.056	.016	.107	.054	.016	
10.0	.117	.056	.016	.115	.055	.015	.110	.054	.015	.106	.053	.015	.103	.052	.015	

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	.183	.169	.156	.157	.145	.134	.107	.100	.093	.062	.058	.054	.020	.019	.017	
2.0	.168	.144	.123	.144	.124	.107	.099	.086	.074	.057	.050	.044	.018	.016	.014	
3.0	.156	.125	.100	.134	.108	.087	.092	.075	.061	.053	.044	.036	.017	.014	.012	
4.0	.146	.111	.083	.125	.096	.072	.086	.067	.051	.050	.039	.030	.016	.013	.010	
5.0	.137	.099	.071	.118	.086	.062	.081	.060	.043	.047	.035	.026	.015	.011	.009	
6.0	.130	.090	.061	.111	.078	.053	.077	.054	.038	.045	.032	.022	.014	.010	.007	
7.0	.123	.082	.054	.106	.071	.047	.073	.050	.033	.042	.029	.020	.014	.010	.007	
8.0	.117	.076	.048	.101	.066	.042	.070	.046	.030	.041	.027	.018	.013	.009	.006	
9.0	.112	.071	.043	.096	.061	.038	.067	.043	.027	.039	.025	.016	.013	.008	.005	
10.0	.107	.066	.039	.092	.058	.034	.064	.041	.024	.037	.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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm										
NAME: 8767					TYPE:LED tirm			WEIGHT:		
SPEC.:10W CRI90					DIM.:			SERIAL No.:1		
MFR.: AOM-LITE					SUR.:φ48MM			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	21.1	22.1	21.4	22.3	22.5	21.3	22.2	21.5	22.4	22.6
3H	21.3	22.2	21.6	22.4	22.7	21.5	22.4	21.8	22.6	22.8
4H	21.4	22.2	21.7	22.5	22.7	21.5	22.4	21.8	22.6	22.9
6H	21.4	22.1	21.7	22.4	22.7	21.5	22.3	21.9	22.6	22.9
8H	21.3	22.1	21.7	22.4	22.7	21.5	22.3	21.8	22.5	22.8
12H	21.3	22.0	21.6	22.3	22.6	21.5	22.2	21.8	22.5	22.8
4H 2H	21.2	22.0	21.5	22.2	22.5	21.3	22.1	21.6	22.4	22.6
3H	21.5	22.2	21.8	22.5	22.8	21.6	22.3	21.9	22.6	22.9
4H	21.5	22.2	21.9	22.5	22.9	21.7	22.3	22.1	22.7	23.0
6H	21.6	22.1	22.0	22.5	22.9	21.7	22.3	22.1	22.7	23.0
8H	21.6	22.1	22.0	22.5	22.9	21.7	22.2	22.1	22.6	23.0
12H	21.5	22.0	21.9	22.4	22.8	21.7	22.2	22.1	22.6	23.0
8H 4H	21.5	22.0	21.9	22.4	22.8	21.6	22.2	22.0	22.5	22.9
6H	21.6	22.0	22.0	22.4	22.9	21.7	22.1	22.2	22.6	23.0
8H	21.6	21.9	22.0	22.4	22.9	21.7	22.1	22.2	22.5	23.0
12H	21.5	21.9	22.0	22.3	22.8	21.7	22.0	22.2	22.5	23.0
12H 4H	21.5	21.9	21.9	22.3	22.8	21.6	22.1	22.0	22.5	22.9
6H	21.5	21.9	22.0	22.4	22.8	21.7	22.1	22.1	22.5	23.0
8H	21.5	21.9	22.0	22.3	22.8	21.7	22.0	22.2	22.5	23.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.8					+ 1.4 / - 1.8				
1.5H	+ 2.0 / - 1.3					+ 2.2 / - 1.4				
2.0H	+ 2.2 / - 1.8					+ 2.4 / - 1.9				

CIE Pub.117 Corrected 699.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.2)

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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	Shielding Angle:

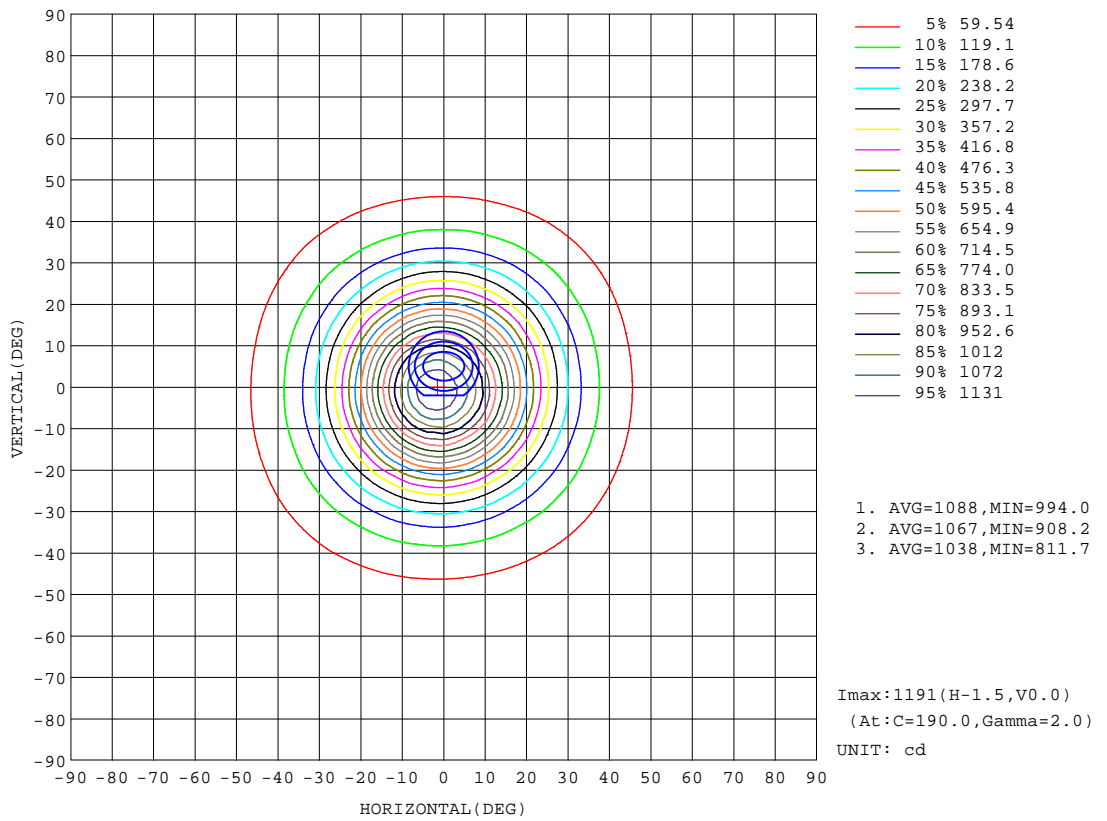
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	82	75	70	81	74	70	80	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	85	94	88	84	92	88	84	79
1.25	100	94	90	99	93	89	96	92	88	84
1.50	103	97	93	101	96	93	99	95	92	87
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	96
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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	Shielding Angle:



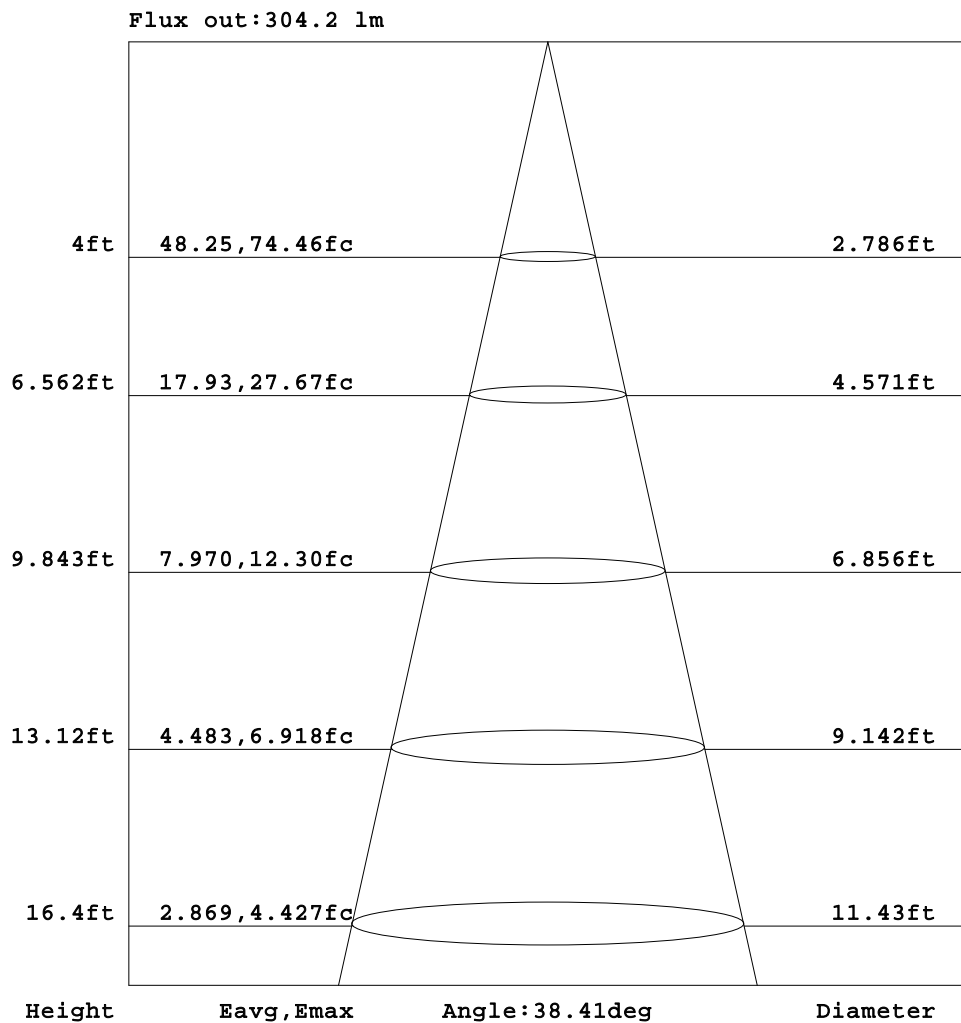
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Kevin  
 Test Date:2016-06-27

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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.42lx1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	Shielding Angle:



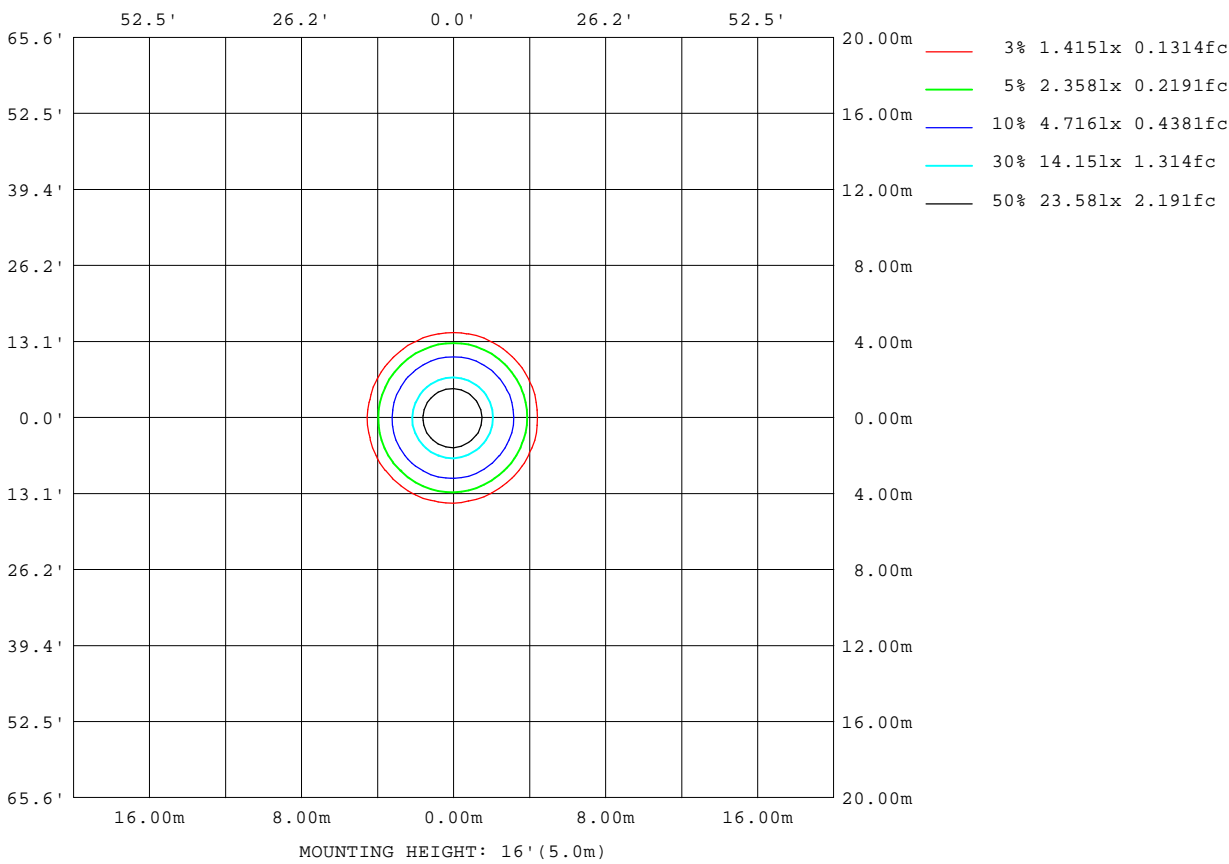
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.42lx1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	Shielding Angle:

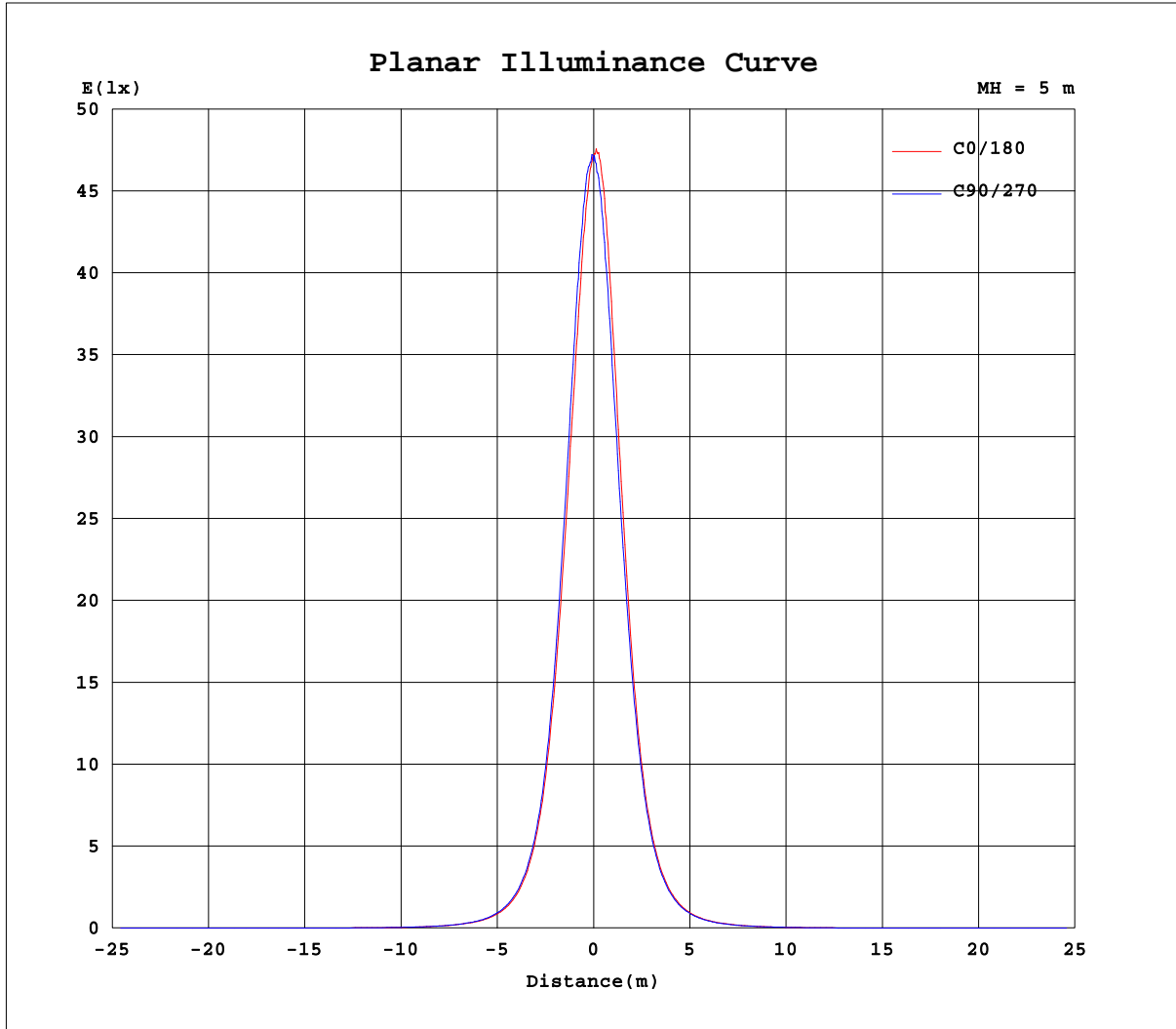
AvgL	cd/m2
L_0~180(65)av	17152
L_0~180(75)av	9817
L_0~180(85)av	6196
L_90~270(65)av	16887
L_90~270(75)av	9681
L_90~270(85)av	2303
L_45(65)av	16977
L_45(75)av	9744
L_45(85)av	4449

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

$\gamma$  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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421xl lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	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	1179	1179	1179	1176	1180	1170	1169	1175	1176	1171	1171	1175	1173	1177	1171	1168	1177	1179	1179
5	1093	1093	1099	1103	1101	1111	1110	1129	1129	1140	1141	1151	1148	1163	1165	1162	1170	1170	1162
10	934	940	942	951	950	957	961	981	986	1000	1002	1009	1014	1022	1022	1035	1031	1032	1024
15	735	740	742	750	753	757	767	776	782	797	798	809	812	819	820	821	821	818	813
20	537	541	542	546	548	553	556	564	572	579	584	592	591	597	595	599	598	591	594
25	368	369	365	368	369	370	371	379	384	389	391	399	396	407	403	405	402	405	399
30	237	238	236	237	236	238	239	243	246	252	253	258	257	261	260	261	260	261	258
35	152	151	149	150	150	151	151	155	157	161	161	164	164	167	165	167	165	166	164
40	95.7	96.1	95.2	95.6	95.1	95.8	96.7	98.7	101	103	104	105	105	106	106	106	106	105	105
45	62.4	62.2	61.9	62.0	61.9	62.1	62.8	64.0	65.2	66.5	67.4	68.5	68.3	69.1	69.2	69.0	68.6	68.5	67.6
50	41.3	41.4	41.2	41.2	41.2	41.5	41.9	42.6	43.2	44.2	44.8	45.3	45.4	45.8	45.5	45.8	45.3	45.5	45.0
55	28.3	28.3	28.0	28.3	27.9	28.2	28.4	29.0	29.4	29.9	30.2	30.6	30.7	31.1	30.8	31.1	30.7	31.0	30.8
60	19.5	19.5	19.3	19.3	19.2	19.3	19.4	19.8	20.0	20.3	20.4	20.7	20.8	21.0	21.1	21.3	21.1	21.3	21.1
65	12.6	12.5	12.4	12.3	12.3	12.4	12.4	12.5	12.6	12.9	12.9	13.1	13.3	13.4	13.4	13.6	13.6	13.6	13.6
70	7.72	7.75	7.65	7.69	7.58	7.70	7.63	7.76	7.78	7.93	7.94	8.12	8.11	8.21	8.20	8.31	8.31	8.32	8.31
75	4.43	4.45	4.43	4.48	4.43	4.49	4.47	4.55	4.56	4.62	4.64	4.71	4.72	4.76	4.75	4.82	4.78	4.81	4.76
80	2.28	2.31	2.30	2.32	2.32	2.35	2.37	2.42	2.44	2.48	2.48	2.51	2.51	2.53	2.52	2.53	2.49	2.50	2.47
85	0.76	0.38	1.08	1.04	0.88	0.80	0.63	0.57	0.46	0.49	0.42	0.47	0.52	0.76	0.91	1.11	1.22	1.23	1.19
90	0.04	0.04	0.03	0.04	0.04	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04
95	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.07	0.07	0.06	0.07
100	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12
105	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.18	0.17	0.18
110	0.30	0.29	0.29	0.28	0.29	0.28	0.28	0.28	0.29	0.29	0.28	0.28	0.27	0.28	0.28	0.27	0.28	0.27	0.28
115	0.46	0.45	0.45	0.44	0.44	0.44	0.43	0.44	0.45	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.42
120	0.72	0.70	0.71	0.69	0.70	0.68	0.68	0.67	0.69	0.68	0.67	0.67	0.67	0.67	0.67	0.66	0.66	0.65	0.64
125	1.08	1.07	1.06	1.05	1.05	1.03	1.04	1.03	1.04	1.03	1.03	1.01	1.01	1.01	1.01	0.99	1.00	0.99	0.98
130	1.60	1.58	1.58	1.55	1.56	1.54	1.54	1.52	1.54	1.52	1.51	1.50	1.50	1.49	1.49	1.46	1.47	1.47	1.45
135	2.28	2.26	2.25	2.23	2.23	2.21	2.20	2.18	2.19	2.16	2.16	2.14	2.13	2.12	2.11	2.10	2.11	2.10	2.06
140	3.08	3.07	3.05	3.03	3.02	3.00	2.99	2.96	2.96	2.94	2.92	2.90	2.89	2.84	2.85	2.84	2.85	2.85	2.79
145	3.97	3.95	3.94	3.91	3.91	3.87	3.86	3.85	3.84	3.81	3.82	3.75	3.73	3.70	3.71	3.69	3.69	3.69	3.62
150	4.81	4.81	4.76	4.75	4.75	4.73	4.73	4.72	4.69	4.68	4.64	4.60	4.58	4.55	4.56	4.52	4.53	4.54	4.44
155	5.48	5.49	5.49	5.45	5.46	5.43	5.45	5.45	5.43	5.41	5.39	5.35	5.32	5.27	5.29	5.24	5.24	5.28	5.16
160	5.92	5.93	5.90	5.89	5.92	5.94	5.96	5.94	5.96	5.93	5.91	5.83	5.80	5.81	5.78	5.77	5.72	5.78	5.67
165	6.13	6.14	6.13	6.11	6.13	6.14	6.16	6.18	6.22	6.18	6.13	6.10	6.05	6.04	6.06	6.05	6.07	6.08	5.96
170	6.20	6.20	6.21	6.19	6.17	6.18	6.17	6.20	6.21	6.16	6.15	6.12	6.14	6.11	6.17	6.16	6.17	6.14	6.07
175	6.14	6.18	6.20	6.23	6.28	6.27	6.25	6.17	6.18	6.18	6.14	6.14	6.18	6.24	6.23	6.21	6.18	6.11	6.13
180	6.26	6.24	6.23	6.23	6.30	6.33	6.20	6.21	6.18	6.21	6.16	6.18	6.24	6.27	6.26	6.24	6.17	6.18	6.26

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:120.4V I:0.0856A P:10.15W PF:0.9854 Lamp Flux:805.421x1 lm		
NAME: 8767	TYPE:LED tirm	WEIGHT:
SPEC.:10W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ48MM	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	1179	1179	1176	1180	1170	1169	1175	1176	1171	1171	1175	1173	1177	1171	1168	1177	1179		
5	1164	1160	1153	1143	1129	1129	1119	1110	1107	1100	1095	1087	1085	1087	1084	1092	1090		
10	1017	1014	1010	997	984	979	965	961	952	941	932	933	925	925	926	925	927		
15	807	822	797	789	775	773	763	760	745	744	738	731	731	726	729	733	737		
20	589	584	579	577	564	563	558	557	549	550	544	543	539	543	539	538	536		
25	397	395	386	392	384	382	382	380	377	379	374	373	372	370	370	367	367		
30	256	255	252	251	248	247	247	248	245	246	243	245	243	241	239	239	239		
35	162	161	158	160	157	157	156	157	157	157	155	155	154	154	153	152	151		
40	103	102	101	101	99.7	99.9	99.5	99.5	99.4	100	98.5	99.0	97.4	98.0	96.7	96.3	95.7		
45	67.1	66.5	65.7	65.8	64.7	64.8	64.6	64.6	64.4	64.2	63.8	63.7	63.4	63.1	63.0	62.5	62.0		
50	44.5	44.4	44.0	44.0	43.5	43.3	43.4	43.2	43.0	42.9	42.5	42.5	42.0	42.3	41.8	41.6	41.3		
55	30.3	30.3	30.2	30.0	29.9	29.8	29.5	29.6	29.2	29.2	29.1	29.1	28.9	28.6	28.5	28.4	28.2		
60	20.9	21.0	20.8	20.8	20.5	20.5	20.4	20.2	19.9	20.0	20.0	19.9	19.8	19.7	19.6	19.6	19.5		
65	13.6	13.6	13.5	13.6	13.4	13.3	13.2	13.1	12.9	12.9	12.7	12.8	12.6	12.6	12.6	12.6	12.5		
70	8.24	8.26	8.26	8.27	8.07	8.04	7.95	7.90	7.78	7.74	7.66	7.68	7.61	7.64	7.57	7.65	7.62		
75	4.69	4.71	4.68	4.70	4.62	4.60	4.54	4.50	4.44	4.42	4.38	4.39	4.37	4.36	4.34	4.39	4.37		
80	2.43	2.44	2.42	2.42	2.38	2.36	2.23	2.22	2.22	2.18	2.14	2.24	2.25	2.25	2.24	2.24	2.24		
85	1.17	1.11	0.88	0.69	0.44	0.30	0.25	0.24	0.23	0.23	0.25	0.30	0.45	0.68	0.85	1.02	1.05		
90	0.03	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.05	0.04		
95	0.07	0.07	0.07	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
100	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12		
105	0.18	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.20		
110	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.30	0.29	0.30	0.30		
115	0.42	0.41	0.41	0.41	0.41	0.41	0.43	0.43	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.47		
120	0.64	0.64	0.64	0.63	0.64	0.64	0.65	0.66	0.68	0.67	0.68	0.69	0.70	0.69	0.71	0.70	0.70		
125	0.97	0.96	0.96	0.97	0.97	0.97	0.99	0.99	1.02	1.02	1.04	1.04	1.05	1.05	1.05	1.05	1.06		
130	1.44	1.42	1.43	1.43	1.45	1.45	1.48	1.48	1.51	1.53	1.55	1.55	1.55	1.55	1.56	1.55	1.58		
135	2.06	2.04	2.06	2.06	2.06	2.08	2.11	2.14	2.17	2.17	2.19	2.19	2.21	2.22	2.23	2.22	2.23		
140	2.80	2.78	2.74	2.79	2.82	2.85	2.89	2.90	2.96	2.95	2.98	2.97	3.00	3.01	3.03	3.03	3.06		
145	3.62	3.63	3.65	3.64	3.64	3.68	3.74	3.76	3.81	3.81	3.84	3.84	3.85	3.85	3.91	3.87	3.88		
150	4.46	4.46	4.48	4.47	4.47	4.50	4.56	4.59	4.64	4.64	4.65	4.65	4.68	4.68	4.71	4.70	4.72		
155	5.15	5.16	5.17	5.18	5.17	5.20	5.24	5.25	5.30	5.32	5.33	5.35	5.33	5.35	5.36	5.39	5.38		
160	5.67	5.62	5.64	5.68	5.64	5.66	5.71	5.69	5.76	5.75	5.75	5.75	5.80	5.74	5.74	5.75	5.82		
165	5.91	5.90	5.93	5.90	5.86	5.91	5.91	5.97	5.99	6.02	6.00	5.99	5.96	5.94	5.92	5.93	5.93		
170	6.06	6.05	6.03	5.97	5.91	5.88	5.95	5.95	5.99	5.99	5.96	5.95	5.94	5.89	5.96	5.84	6.04		
175	6.11	6.12	6.15	6.13	6.05	5.98	6.02	5.98	6.00	6.01	6.04	6.07	6.08	6.06	6.02	6.03	6.13		
180	6.23	6.25	6.30	6.31	6.25	6.20	6.19	6.21	6.18	6.23	6.20	6.22	6.26	6.26	6.23	6.19	6.17		

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: