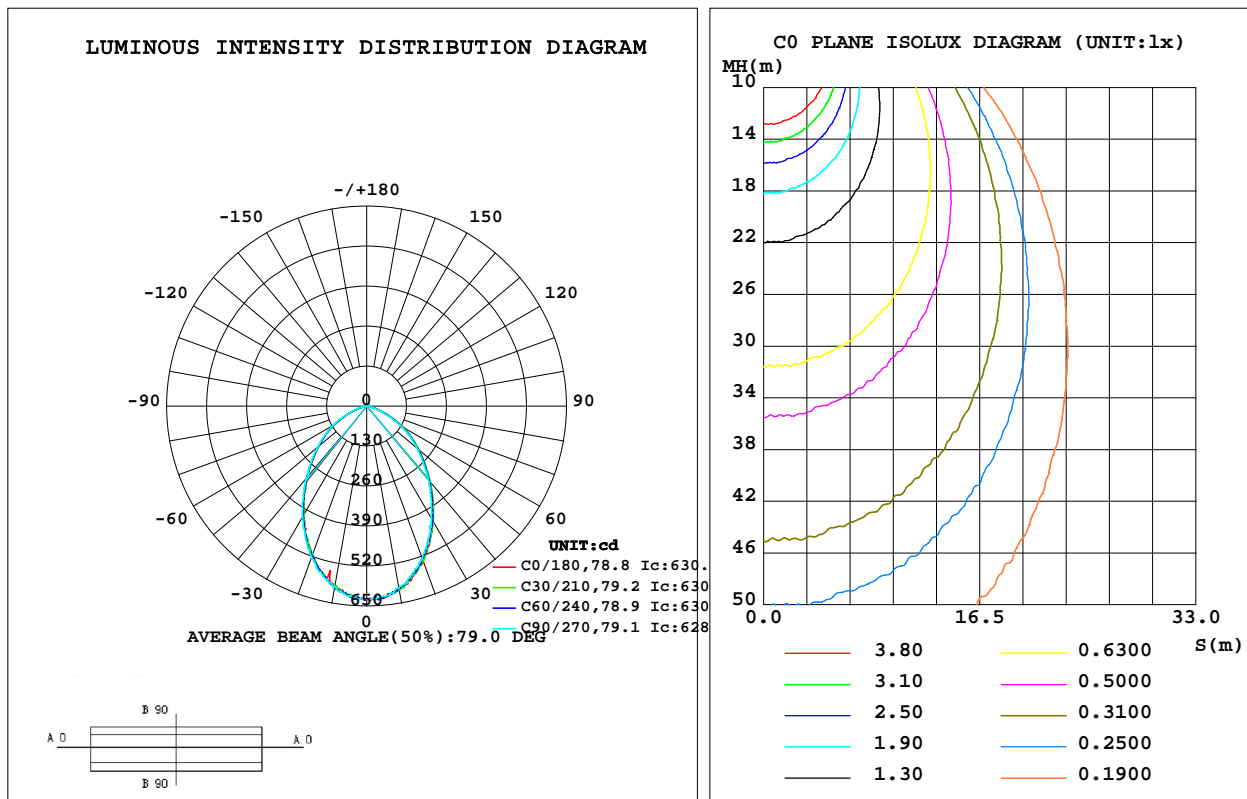


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.95 lm/W			
MODEL	AC COB	I _{max} (cd)	633.3	S/MH(C0/180)	1.02
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.03
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1142.3	η UP, DN(C0-180)	0.7,49.4
NOMINAL FLUX(lm)	1142.34	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7,49.1
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:2002-01-01

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	627.8	621.3	619.8	620.1	620.5	620.2	620.6	623.6	0- 5	14.93	14.93	1.31,1.31
10	606.7	604.7	601.8	597.7	598.3	593.0	598.1	601.0	5- 10	43.69	58.62	5.13,5.13
15	574.5	576.3	568.8	564.3	560.9	562.2	566.4	573.8	10- 15	69.22	127.8	11.2,11.2
20	538.5	532.7	528.3	519.6	515.4	517.0	523.9	529.7	15- 20	89.98	217.8	19.1,19.1
25	485.9	484.1	473.5	467.3	467.0	465.7	471.7	481.5	20- 25	104.7	322.5	28.2,28.2
30	430.0	430.7	422.6	413.0	413.1	411.7	417.5	427.4	25- 30	113.0	435.6	38.1,38.1
35	375.9	374.2	365.7	357.4	355.4	354.2	358.0	371.0	30- 35	115.3	550.9	48.2,48.2
40	320.8	319.1	313.4	303.8	302.1	301.3	308.9	317.9	35- 40	112.2	663.1	58,58
45	266.8	267.0	260.4	253.4	251.4	250.9	255.2	263.5	40- 45	105.0	768.0	67.2,67.2
50	220.6	218.9	214.0	207.5	205.7	204.4	208.3	216.5	45- 50	94.83	862.9	75.5,75.5
55	176.5	177.9	172.1	166.3	163.1	164.7	165.0	173.1	50- 55	82.89	945.8	82.8,82.8
60	134.3	131.5	126.4	120.9	120.5	123.2	128.0	133.6	55- 60	68.82	1015	88.8,88.8
65	90.63	86.36	82.23	78.51	77.97	80.97	85.19	89.90	60- 65	51.10	1066	93.3,93.3
70	51.86	49.30	46.31	43.03	42.13	44.56	48.37	51.53	65- 70	32.79	1098	96.2,96.2
75	23.48	22.09	20.18	18.36	17.87	18.81	21.05	23.14	70- 75	17.18	1116	97.7,97.7
80	7.514	6.957	6.233	5.689	5.677	5.988	6.788	7.470	75- 80	6.681	1122	98.2,98.2
85	3.377	3.056	2.765	2.581	2.611	2.863	3.210	3.401	80- 85	2.406	1125	98.5,98.5
90	0.4838	0.4290	0.3742	0.3810	0.3657	0.3525	0.3468	0.4405	85- 90	0.8728	1126	98.5,98.5
95	0.5029	0.5149	0.5412	0.5566	0.5472	0.5295	0.5087	0.4848	90- 95	0.2377	1126	98.6,98.6
100	0.7387	0.7536	0.7800	0.8112	0.8022	0.7782	0.7475	0.7194	95-100	0.3474	1126	98.6,98.6
105	1.032	1.046	1.082	1.123	1.114	1.086	1.052	1.011	100-105	0.4881	1127	98.6,98.6
110	1.380	1.395	1.430	1.484	1.485	1.453	1.406	1.368	105-110	0.6496	1127	98.7,98.7
115	1.791	1.798	1.831	1.894	1.911	1.877	1.832	1.767	110-115	0.8242	1128	98.8,98.8
120	2.229	2.231	2.296	2.353	2.366	2.313	2.277	2.202	115-120	1.000	1129	98.8,98.8
125	2.706	2.691	2.797	2.832	2.840	2.782	2.766	2.655	120-125	1.163	1130	98.9,98.9
130	3.226	3.199	3.287	3.312	3.333	3.248	3.244	3.142	125-130	1.304	1132	99.1,99.1
135	3.688	3.687	3.781	3.811	3.799	3.730	3.742	3.614	130-135	1.408	1133	99.2,99.2
140	4.182	4.167	4.279	4.285	4.287	4.200	4.196	4.096	135-140	1.468	1135	99.3,99.3
145	4.646	4.669	4.785	4.734	4.747	4.644	4.660	4.557	140-145	1.482	1136	99.4,99.4
150	5.116	5.117	5.196	5.188	5.156	5.091	5.097	4.986	145-150	1.439	1137	99.6,99.6
155	5.496	5.489	5.562	5.542	5.573	5.470	5.452	5.426	150-155	1.343	1139	99.7,99.7
160	5.870	5.886	5.947	5.899	5.895	5.846	5.899	5.790	155-160	1.195	1140	99.8,99.8
165	6.159	6.238	6.240	6.194	6.215	6.160	6.239	6.169	160-165	0.9963	1141	99.9,99.9
170	6.531	6.518	6.467	6.456	6.468	6.430	6.426	6.433	165-170	0.7515	1142	99.9,99.9
175	6.744	6.791	6.678	6.759	6.756	6.728	6.634	6.732	170-175	0.4703	1142	100,100
180	6.890	6.952	6.898	6.908	6.950	6.939	6.867	6.910	175-180	0.1625	1142	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 768.03 lm

%lum = 67.2%
%lamp = 67.2%

Conical surface Flux(120deg): 1014.6 lm

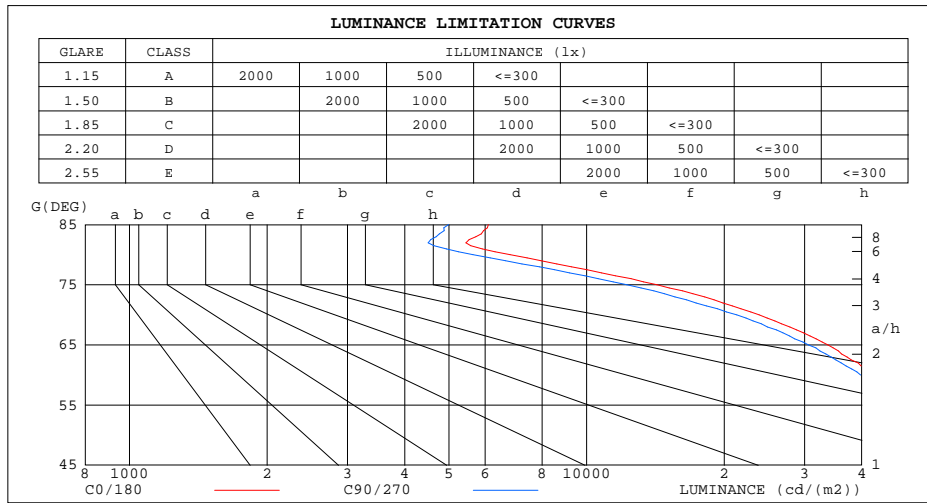
%lum = 88.8%
%lamp = 88.8%

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Kevin
Test Date:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6093	4990
80	6806	5646
75	14268	12263
70	23849	21297
65	33730	30601
60	42246	39757
55	48393	47199
50	53988	52360
45	59354	57925

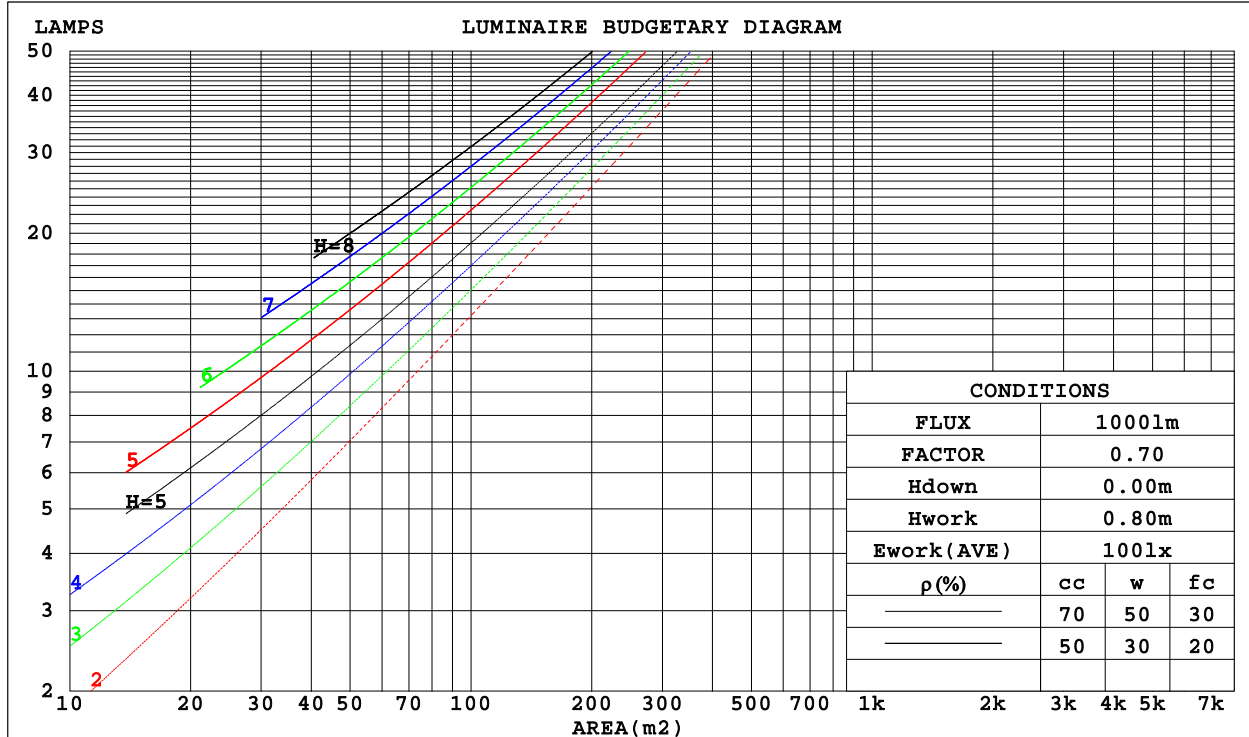
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	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	1.07	1.03	1.00	1.04	1.01	.99	1.00	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.95	.90	.85	.93	.88	.84	.90	.86	.82	.86	.83	.80	.83	.80	.78	.76
3.0	.86	.79	.73	.84	.77	.72	.81	.75	.71	.78	.73	.70	.75	.72	.68	.66
4.0	.77	.69	.64	.76	.69	.63	.73	.67	.62	.71	.65	.61	.68	.64	.60	.58
5.0	.70	.62	.56	.69	.61	.56	.66	.60	.55	.64	.59	.54	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.49	.57	.52	.48	.46
7.0	.58	.50	.45	.57	.50	.45	.56	.49	.44	.54	.48	.44	.53	.47	.43	.42
8.0	.54	.46	.40	.53	.45	.40	.51	.45	.40	.50	.44	.40	.49	.43	.39	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.36	.45	.40	.36	.34
10.0	.46	.39	.34	.45	.38	.34	.44	.38	.34	.43	.37	.33	.42	.37	.33	.32



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	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	.247	.140	.044	.240	.137	.043	.226	.130	.041	.213	.123	.039	.202	.117	.038	
2.0	.240	.132	.040	.234	.129	.040	.222	.123	.038	.211	.118	.037	.201	.114	.036	
3.0	.228	.121	.036	.223	.119	.036	.212	.115	.035	.202	.111	.034	.193	.107	.033	
4.0	.215	.112	.033	.210	.110	.032	.201	.106	.032	.192	.103	.031	.184	.100	.030	
5.0	.202	.103	.030	.197	.101	.030	.189	.098	.029	.181	.096	.028	.174	.093	.028	
6.0	.190	.095	.027	.186	.094	.027	.178	.091	.027	.171	.089	.026	.165	.087	.026	
7.0	.178	.088	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	.156	.081	.024	
8.0	.168	.082	.023	.165	.081	.023	.159	.079	.023	.153	.078	.022	.148	.076	.022	
9.0	.159	.077	.021	.156	.076	.021	.151	.074	.021	.146	.073	.021	.141	.071	.021	
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.138	.069	.020	.134	.067	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.202	.202	.202	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.187	.168	.151	.160	.144	.130	.110	.099	.090	.063	.057	.052	.020	.018	.017	
2.0	.177	.143	.116	.151	.124	.100	.104	.085	.070	.060	.050	.041	.019	.016	.013	
3.0	.168	.125	.092	.144	.108	.079	.099	.075	.056	.057	.044	.033	.018	.014	.011	
4.0	.160	.112	.075	.137	.096	.065	.094	.067	.046	.055	.039	.027	.018	.013	.009	
5.0	.152	.101	.063	.131	.087	.055	.090	.061	.039	.052	.036	.023	.017	.012	.008	
6.0	.146	.092	.054	.125	.080	.047	.086	.056	.033	.050	.033	.020	.016	.011	.007	
7.0	.139	.085	.048	.120	.074	.041	.083	.052	.029	.048	.031	.017	.016	.010	.006	
8.0	.133	.079	.042	.115	.069	.037	.079	.048	.026	.046	.029	.016	.015	.009	.005	
9.0	.128	.075	.039	.110	.065	.034	.076	.045	.024	.044	.027	.014	.014	.009	.005	
10.0	.123	.070	.035	.106	.061	.031	.073	.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:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm										
NAME: 8565					TYPE:LED tirm			WEIGHT:		
SPEC.:15W CRI90					DIM.:			SERIAL No.:1		
MFR.: AOM-LITE					SUR.:φ90MM			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	25.8	27.2	26.1	27.4	27.6	25.6	27.0	25.9	27.2	27.4
3H	26.4	27.6	26.7	27.9	28.1	26.1	27.3	26.4	27.6	27.8
4H	26.5	27.6	26.8	27.9	28.2	26.2	27.3	26.5	27.6	27.8
6H	26.4	27.5	26.8	27.8	28.1	26.1	27.2	26.4	27.5	27.8
8H	26.4	27.4	26.7	27.7	28.0	26.1	27.1	26.4	27.4	27.7
12H	26.3	27.3	26.7	27.6	28.0	26.0	27.0	26.4	27.3	27.6
4H 2H	26.1	27.3	26.4	27.5	27.8	26.0	27.1	26.3	27.4	27.6
3H	26.8	27.8	27.2	28.1	28.4	26.5	27.5	26.9	27.8	28.2
4H	26.9	27.8	27.3	28.1	28.5	26.6	27.5	27.0	27.8	28.2
6H	26.9	27.6	27.3	28.0	28.4	26.6	27.4	27.0	27.7	28.1
8H	26.8	27.5	27.3	27.9	28.3	26.5	27.3	27.0	27.6	28.1
12H	26.8	27.5	27.2	27.9	28.3	26.5	27.2	26.9	27.6	28.0
8H 4H	26.8	27.6	27.3	27.9	28.4	26.6	27.3	27.0	27.7	28.1
6H	26.8	27.4	27.3	27.8	28.3	26.5	27.1	27.0	27.6	28.0
8H	26.8	27.3	27.3	27.8	28.3	26.5	27.0	27.0	27.5	28.0
12H	26.8	27.2	27.3	27.7	28.2	26.5	26.9	27.0	27.4	27.9
12H 4H	26.8	27.5	27.2	27.9	28.3	26.5	27.2	27.0	27.6	28.0
6H	26.8	27.3	27.3	27.8	28.2	26.5	27.0	27.0	27.5	28.0
8H	26.8	27.2	27.3	27.7	28.2	26.5	26.9	27.0	27.4	27.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.6 / - 0.7				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.8 / - 1.0					+ 0.8 / - 1.0				

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:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	Shielding Angle:

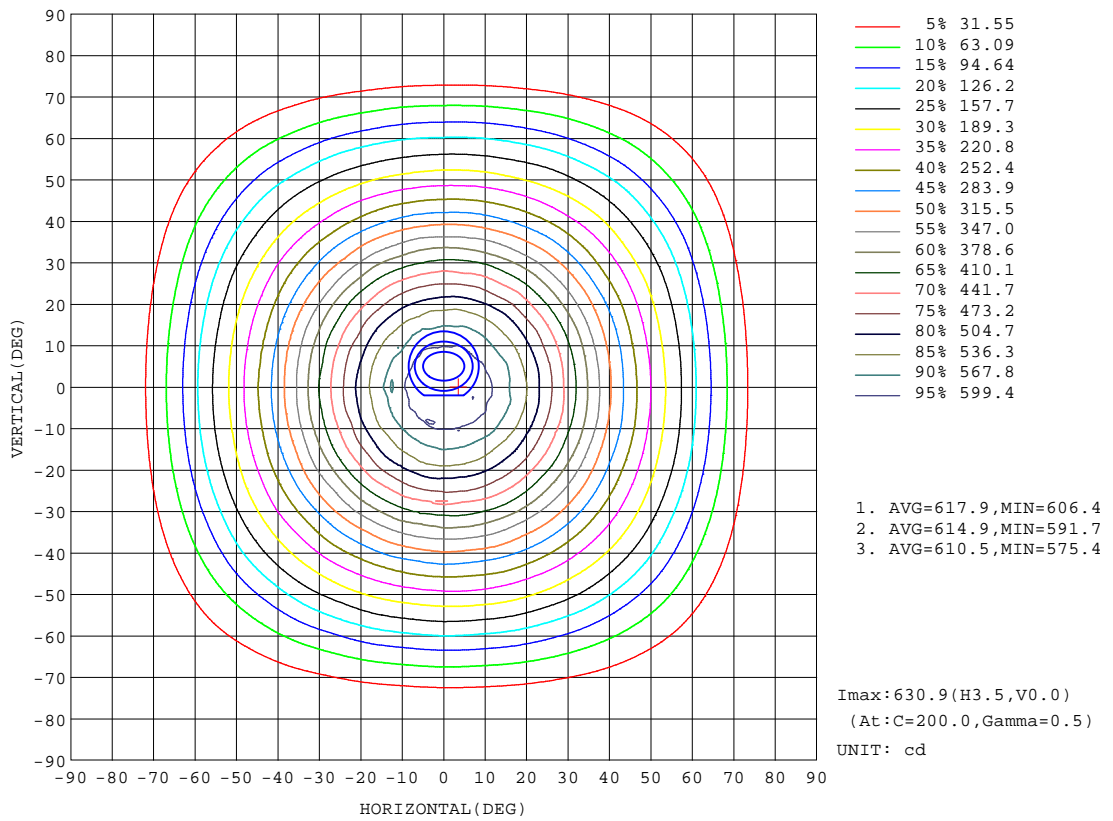
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	65	55	49	64	55	49	63	54	48	43
0.80	75	65	59	74	65	59	72	64	58	52
1.00	83	74	68	82	73	67	80	74	67	61
1.25	90	81	75	88	80	75	86	79	74	67
1.50	94	86	80	93	85	80	90	83	79	72
2.00	100	93	88	98	92	87	95	89	85	78
2.50	103	97	92	101	95	91	97	93	89	81
3.00	106	100	96	104	99	95	100	96	92	84
4.00	109	104	101	107	103	99	102	99	96	88
5.00	111	107	104	108	105	102	104	101	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:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	Shielding Angle:



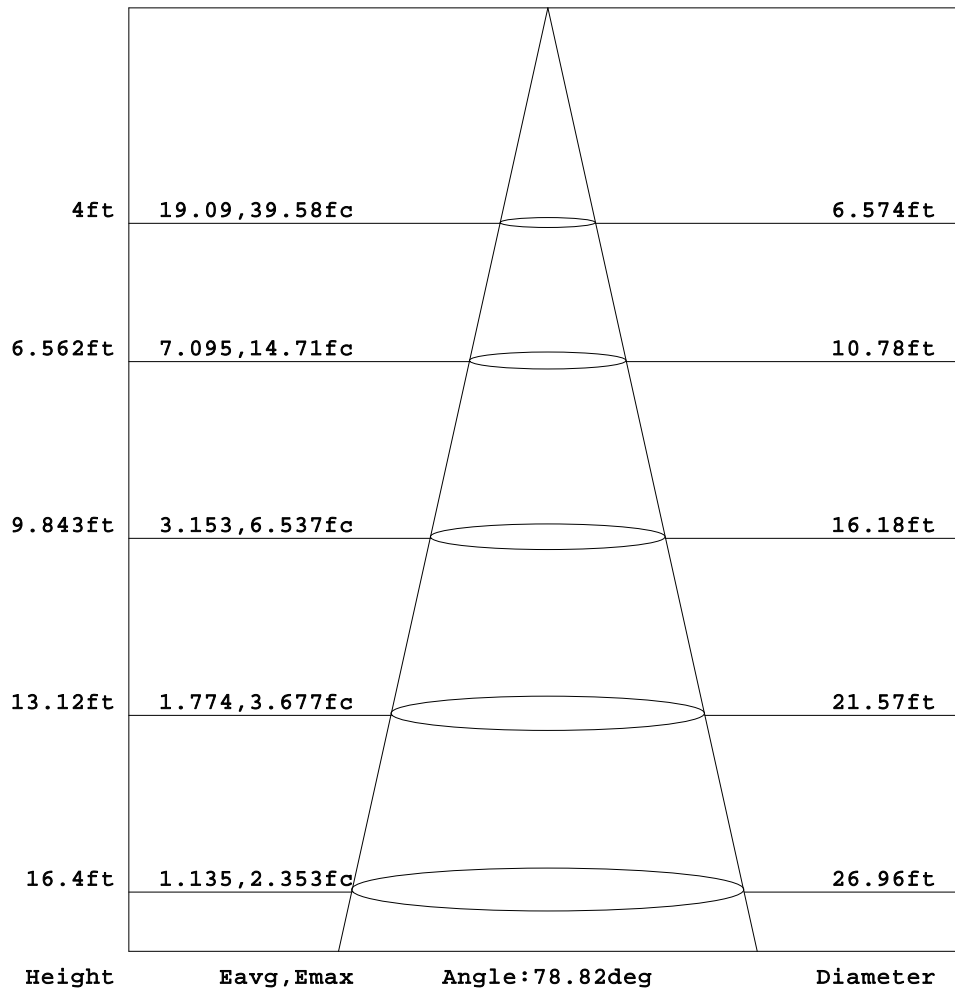
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	Shielding Angle:

Flux out:652.1 lm



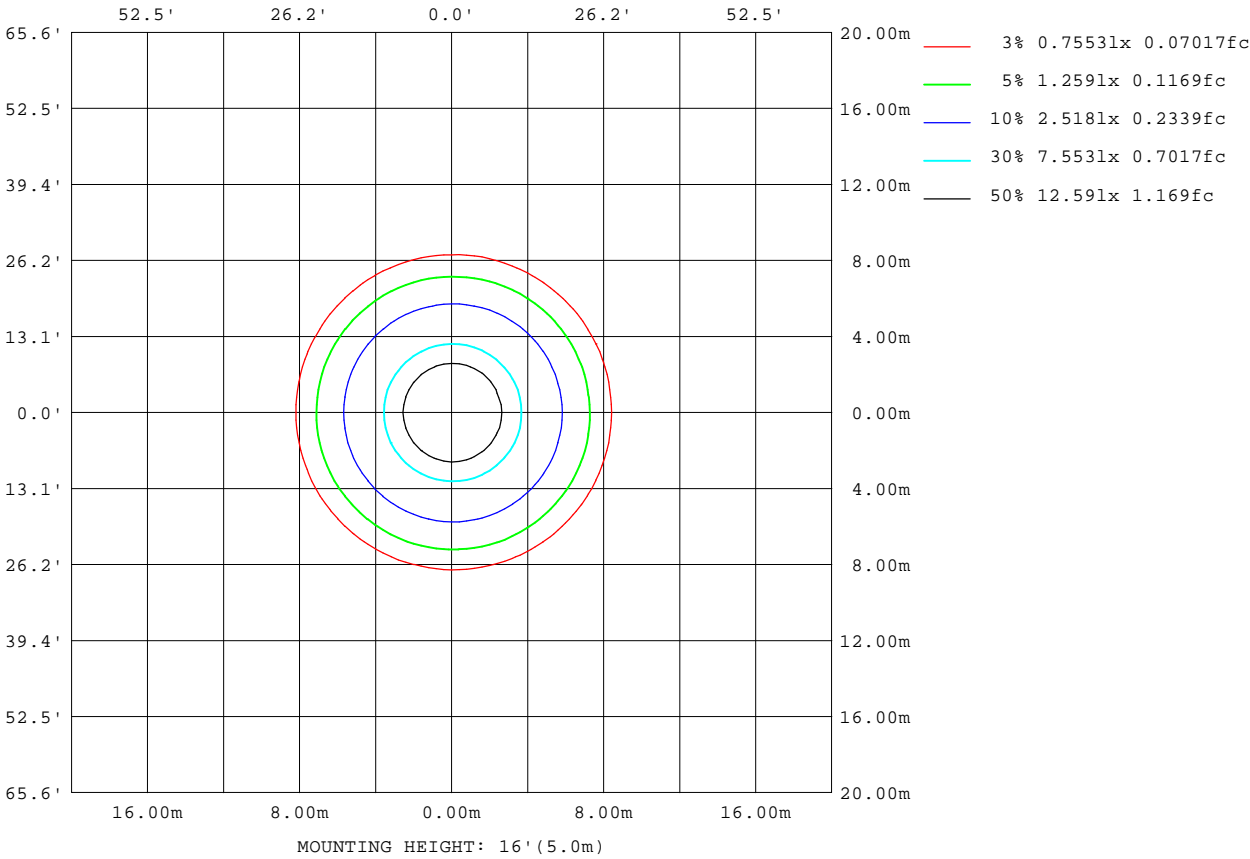
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	Shielding Angle:

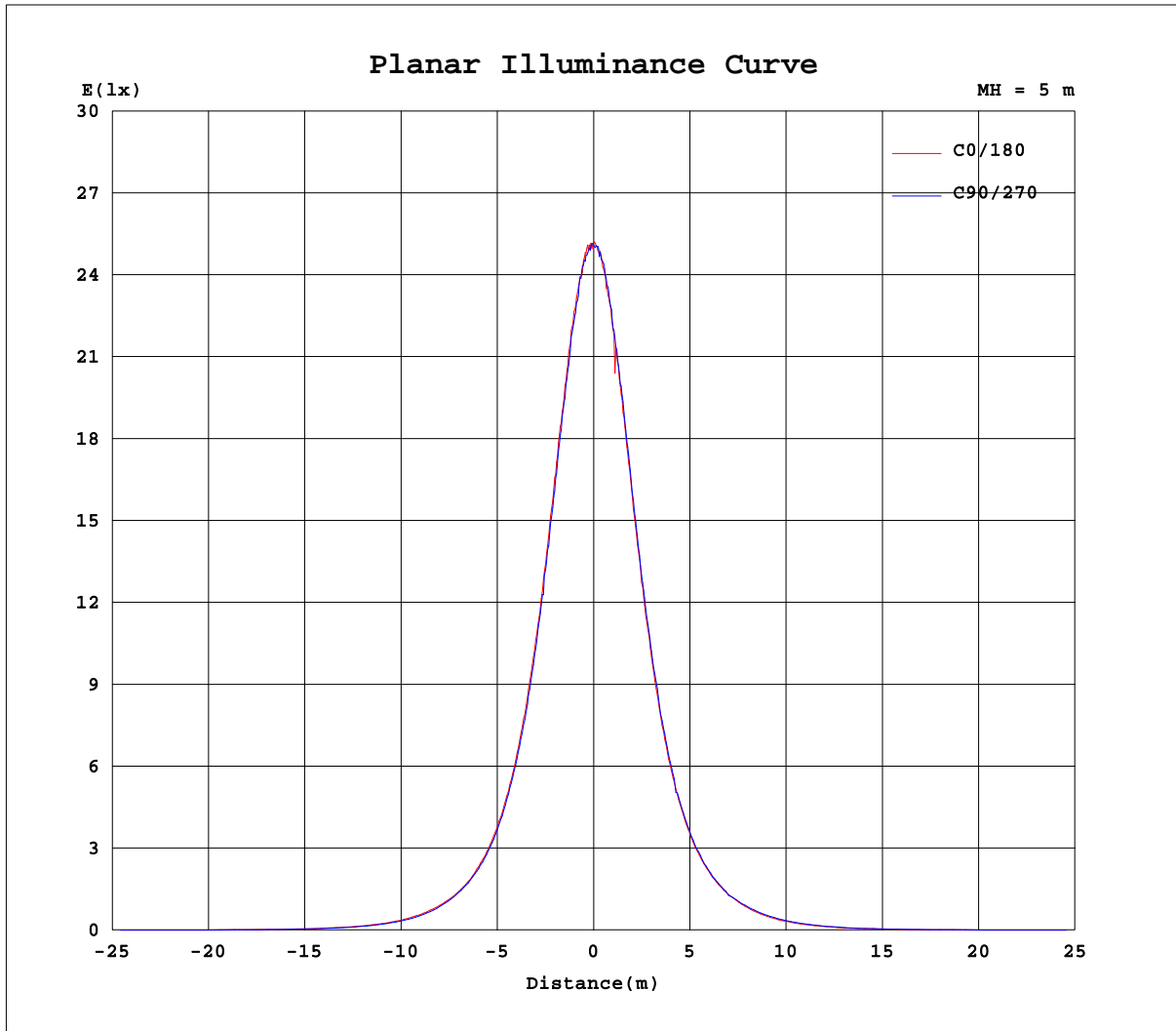
AvgL	cd/m2
L_0~180(65)av	31373
L_0~180(75)av	12565
L_0~180(85)av	5403
L_90~270(65)av	31153
L_90~270(75)av	12526
L_90~270(85)av	5391
L_45(65)av	31231
L_45(75)av	12515
L_45(85)av	5369

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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: 2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	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	629	629	630	628	629	626	628	627	625	627	624	630	624	628	628	633	629	632	629
5	628	624	627	624	621	622	626	624	621	620	619	624	619	619	622	619	621	616	621
10	607	607	607	608	604	605	602	605	602	602	602	601	595	595	600	594	593	595	598
15	574	572	574	570	578	575	571	568	567	569	567	563	563	564	565	562	561	562	561
20	539	536	536	536	535	530	528	530	530	528	520	524	517	521	518	516	518	516	515
25	486	485	483	483	485	483	483	481	477	474	475	474	468	468	466	467	464	465	467
30	430	433	433	432	431	431	431	425	425	423	420	420	416	414	412	414	411	409	413
35	376	377	377	372	375	374	372	369	368	366	361	363	361	357	358	357	354	355	355
40	321	321	320	321	321	317	315	318	312	313	308	308	305	305	303	302	301	301	302
45	267	271	268	269	267	267	264	263	261	260	259	257	254	255	252	252	252	251	251
50	221	220	221	221	220	218	218	216	216	214	211	201	210	208	207	207	205	206	206
55	176	178	179	178	178	178	176	175	173	172	171	171	169	167	166	166	165	165	163
60	134	136	134	133	132	131	129	129	126	126	123	124	122	122	120	120	120	121	121
65	90.6	89.5	89.4	89.1	86.9	85.8	84.9	83.8	82.9	82.2	80.4	80.6	79.1	79.1	77.9	78.0	77.3	78.3	78.0
70	51.9	52.0	51.0	51.0	49.3	49.3	48.0	47.5	46.1	46.3	45.2	44.7	43.7	43.6	42.5	42.9	42.3	42.6	42.1
75	23.5	23.4	23.0	22.7	22.2	22.0	21.3	21.3	20.4	20.2	19.5	19.3	18.7	18.7	18.0	18.1	17.8	17.9	17.9
80	7.51	7.54	7.28	7.25	7.00	6.92	6.72	6.62	6.30	6.23	5.97	5.95	5.74	5.74	5.64	5.73	5.63	5.69	5.68
85	3.38	3.36	3.22	3.21	3.08	3.03	2.90	2.87	2.75	2.77	2.66	2.66	2.57	2.61	2.56	2.60	2.56	2.59	2.61
90	0.48	0.49	0.48	0.50	0.44	0.42	0.38	0.36	0.38	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.39	0.38	0.37
95	0.50	0.50	0.51	0.51	0.52	0.51	0.53	0.53	0.54	0.54	0.54	0.55	0.55	0.55	0.56	0.57	0.57	0.56	0.55
100	0.74	0.74	0.75	0.75	0.75	0.75	0.76	0.77	0.78	0.78	0.78	0.79	0.81	0.80	0.82	0.81	0.82	0.81	0.80
105	1.03	1.03	1.05	1.04	1.04	1.05	1.06	1.07	1.08	1.08	1.10	1.09	1.10	1.12	1.13	1.13	1.14	1.13	1.11
110	1.38	1.38	1.41	1.40	1.41	1.38	1.41	1.42	1.42	1.43	1.45	1.45	1.47	1.48	1.49	1.50	1.51	1.51	1.49
115	1.79	1.78	1.83	1.79	1.80	1.80	1.81	1.80	1.84	1.83	1.84	1.87	1.87	1.88	1.91	1.93	1.92	1.92	1.91
120	2.23	2.25	2.27	2.25	2.22	2.24	2.24	2.25	2.28	2.30	2.29	2.31	2.31	2.34	2.37	2.38	2.39	2.39	2.37
125	2.71	2.69	2.76	2.74	2.70	2.69	2.71	2.74	2.77	2.80	2.80	2.77	2.80	2.81	2.86	2.87	2.86	2.87	2.84
130	3.23	3.21	3.18	3.18	3.20	3.19	3.22	3.27	3.30	3.29	3.30	3.28	3.30	3.30	3.33	3.35	3.37	3.39	3.33
135	3.69	3.69	3.69	3.68	3.69	3.68	3.70	3.76	3.79	3.78	3.79	3.77	3.77	3.79	3.83	3.83	3.83	3.85	3.80
140	4.18	4.15	4.16	4.13	4.16	4.18	4.24	4.27	4.28	4.28	4.28	4.26	4.31	4.26	4.30	4.31	4.32	4.29	4.29
145	4.65	4.64	4.63	4.63	4.66	4.68	4.69	4.74	4.79	4.78	4.76	4.76	4.73	4.73	4.73	4.75	4.75	4.77	4.75
150	5.12	5.10	5.08	5.06	5.09	5.15	5.13	5.14	5.23	5.20	5.16	5.16	5.16	5.18	5.20	5.19	5.17	5.16	5.16
155	5.50	5.49	5.49	5.49	5.49	5.49	5.56	5.57	5.58	5.56	5.55	5.53	5.55	5.56	5.52	5.56	5.58	5.55	5.57
160	5.87	5.90	5.91	5.89	5.86	5.91	5.95	5.98	5.96	5.95	5.91	5.94	5.93	5.90	5.90	5.90	5.89	5.92	5.90
165	6.16	6.19	6.20	6.21	6.23	6.25	6.28	6.25	6.28	6.24	6.29	6.22	6.22	6.18	6.21	6.21	6.23	6.25	6.21
170	6.53	6.45	6.52	6.46	6.50	6.54	6.54	6.52	6.49	6.47	6.47	6.46	6.43	6.44	6.47	6.51	6.49	6.48	6.47
175	6.74	6.73	6.73	6.73	6.77	6.81	6.80	6.80	6.79	6.68	6.73	6.70	6.75	6.77	6.75	6.79	6.67	6.68	6.76
180	6.89	6.90	6.90	6.86	6.95	6.95	6.91	6.85	6.86	6.90	6.85	6.80	6.89	6.90	6.92	6.91	6.84	6.88	6.95

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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:0.1265A P:15.04W PF:0.9874 Lamp Flux:1142.34x1 lm		
NAME: 8565	TYPE:LED tirm	WEIGHT:
SPEC.:15W CRI90	DIM.:	SERIAL No.:1
MFR.: AOM-LITE	SUR.:φ90MM	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	629	630	628	629	626	628	627	625	627	624	630	624	628	628	633	629	632		
5	618	619	615	622	618	623	619	619	621	620	621	618	625	622	627	624	627		
10	598	597	597	592	594	601	598	598	598	596	605	603	602	600	604	605	605		
15	563	560	559	559	565	560	568	562	566	564	574	569	575	573	571	577	574		
20	515	516	516	514	520	519	520	525	524	529	525	529	531	529	533	531	534		
25	464	463	465	468	464	467	471	469	472	473	477	477	482	481	483	481	486		
30	407	411	409	411	412	415	413	418	418	422	424	423	428	427	430	434	434		
35	353	355	355	355	354	357	357	362	358	364	366	370	371	371	374	376	375		
40	301	300	301	301	302	303	302	305	309	309	311	312	317	319	319	319	321		
45	238	249	251	252	250	251	253	253	255	258	259	262	262	265	266	267	268		
50	204	206	205	204	205	206	206	209	208	211	212	214	216	217	219	220	219		
55	163	165	163	164	165	165	165	166	165	168	170	171	173	173	176	177	176		
60	120	122	122	123	123	126	127	128	128	130	131	132	133	134	135	136	135		
65	77.8	78.7	79.3	80.4	81.6	82.5	83.2	84.9	85.2	86.9	87.5	89.3	89.5	90.3	90.3	91.0	89.8		
70	42.2	43.4	43.8	44.3	44.8	46.1	46.4	47.8	48.4	49.8	49.8	51.0	51.3	51.8	51.8	52.5	51.6		
75	17.8	18.2	18.3	18.8	18.8	19.8	20.1	20.7	21.0	21.8	22.0	22.7	22.9	23.4	23.4	23.7	23.3		
80	5.64	5.82	5.82	5.99	5.98	6.26	6.34	6.64	6.79	7.06	7.13	7.44	7.38	7.56	7.48	7.66	7.42		
85	2.66	2.71	2.75	2.83	2.89	3.03	3.07	3.17	3.21	3.27	3.32	3.37	3.37	3.44	3.38	3.43	3.38		
90	0.37	0.36	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.34	0.35	0.39	0.40	0.48	0.44	0.49	0.45		
95	0.55	0.54	0.54	0.53	0.53	0.53	0.52	0.52	0.51	0.50	0.50	0.49	0.49	0.48	0.48	0.48	0.48		
100	0.80	0.79	0.79	0.78	0.77	0.76	0.76	0.75	0.75	0.73	0.74	0.73	0.73	0.71	0.73	0.72	0.72		
105	1.12	1.12	1.11	1.09	1.09	1.08	1.07	1.05	1.05	1.04	1.03	1.02	1.02	1.00	1.02	1.01	1.01		
110	1.50	1.49	1.49	1.46	1.45	1.44	1.43	1.41	1.41	1.40	1.39	1.37	1.37	1.36	1.37	1.36	1.36		
115	1.91	1.90	1.91	1.89	1.87	1.86	1.83	1.82	1.83	1.80	1.78	1.77	1.77	1.76	1.77	1.76	1.78		
120	2.37	2.35	2.35	2.33	2.30	2.29	2.27	2.27	2.28	2.23	2.21	2.22	2.21	2.20	2.21	2.21	2.21		
125	2.83	2.79	2.83	2.80	2.77	2.76	2.75	2.75	2.77	2.69	2.69	2.67	2.66	2.65	2.67	2.64	2.69		
130	3.35	3.31	3.28	3.27	3.22	3.24	3.23	3.25	3.24	3.22	3.20	3.15	3.15	3.13	3.15	3.14	3.17		
135	3.82	3.77	3.77	3.73	3.73	3.71	3.73	3.72	3.74	3.69	3.69	3.63	3.63	3.59	3.60	3.63	3.64		
140	4.24	4.26	4.22	4.19	4.21	4.17	4.22	4.19	4.20	4.17	4.13	4.11	4.10	4.09	4.10	4.12	4.09		
145	4.69	4.71	4.68	4.65	4.64	4.64	4.64	4.68	4.66	4.65	4.59	4.56	4.59	4.52	4.55	4.59	4.53		
150	5.13	5.16	5.12	5.09	5.09	5.06	5.07	5.05	5.10	5.07	5.06	5.01	5.00	4.97	5.00	5.04	5.04		
155	5.53	5.58	5.56	5.47	5.47	5.44	5.45	5.44	5.45	5.50	5.47	5.47	5.44	5.41	5.41	5.39	5.41		
160	5.95	5.94	5.95	5.87	5.82	5.83	5.87	5.81	5.90	5.84	5.88	5.82	5.79	5.79	5.83	5.82	5.82		
165	6.23	6.18	6.21	6.18	6.14	6.18	6.21	6.17	6.24	6.19	6.22	6.15	6.19	6.15	6.18	6.15	6.15		
170	6.52	6.49	6.52	6.44	6.42	6.40	6.40	6.40	6.43	6.47	6.46	6.43	6.44	6.42	6.42	6.37	6.45		
175	6.74	6.70	6.77	6.72	6.73	6.64	6.63	6.64	6.63	6.66	6.70	6.74	6.74	6.72	6.70	6.68	6.66		
180	6.87	6.89	6.87	6.93	6.94	6.88	6.88	6.88	6.87	6.87	6.86	6.89	6.93	6.89	6.88	6.85	6.84		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Kevin
 Test Date:2002-01-01

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: