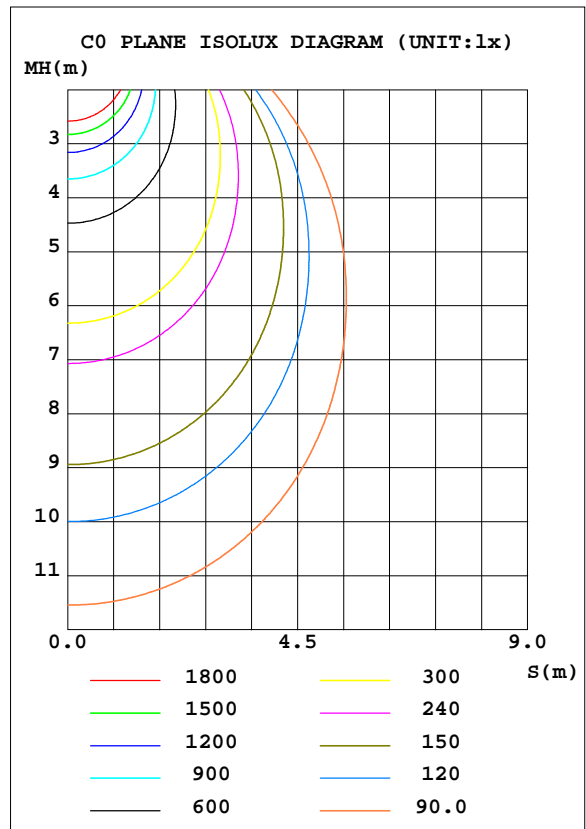
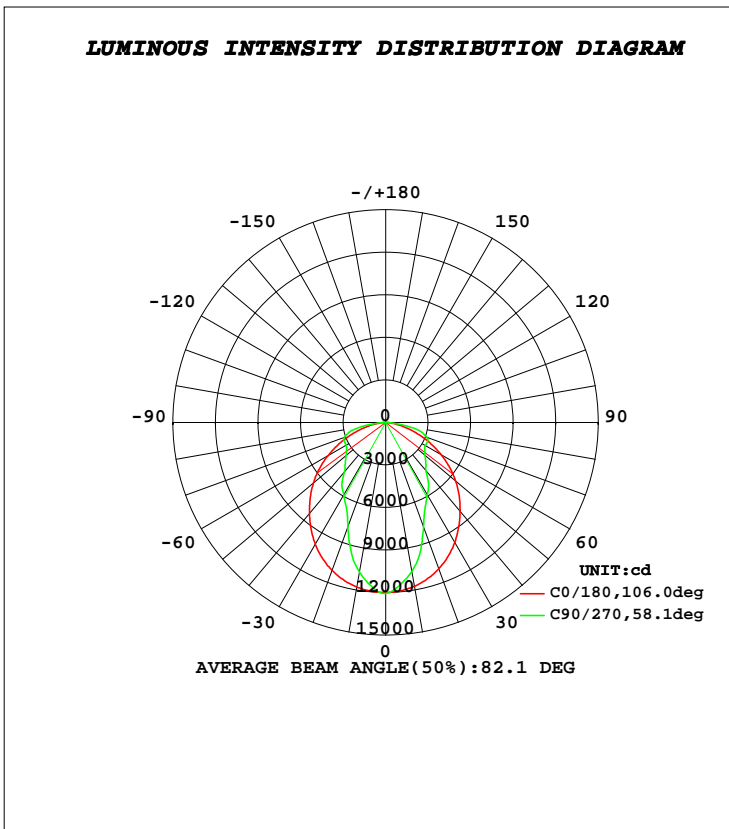


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.18 lm/W			
MODEL		I _{max} (cd)	12088	S/MH(C0/180)	1.23
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	24093	η UP, DN(C0-180)	0.1, 50.3
NOMINAL FLUX(lm)	24092.9	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 49.5
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	277	η down(%)	99.8	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [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
5	1194	1176	1162	1182	1192	1167	1151	1169	0- 5	284.2	284.2	1.18
10	1179	1113	1071	1117	1173	1104	1066	1107	5- 10	818.4	1103	4.58
15	1150	1033	945.0	1037	1141	1025	945.4	1029	10- 15	1277	2379	9.88
20	1110	926.2	782.3	929.5	1098	919.9	782.0	925.7	15- 20	1620	3999	16.6
25	1057	793.9	660.6	797.2	1041	787.2	660.5	795.3	20- 25	1830	5829	24.2
30	992.7	670.0	593.0	670.9	975.9	663.5	588.3	672.1	25- 30	1956	7785	32.3
35	918.2	580.8	539.4	578.5	899.5	571.6	528.3	579.7	30- 35	2022	9807	40.7
40	837.1	512.7	455.0	509.1	817.6	499.6	442.6	507.7	35- 40	2018	11825	49.1
45	753.0	444.6	404.2	439.9	733.9	427.6	400.8	437.1	40- 45	1934	13759	57.1
50	666.4	374.5	365.2	369.6	646.1	360.0	362.8	369.1	45- 50	1825	15584	64.7
55	572.5	317.1	338.4	312.2	550.3	307.8	336.3	314.3	50- 55	1689	17272	71.7
60	469.9	273.9	322.4	269.6	449.4	266.2	324.3	273.4	55- 60	1541	18813	78.1
65	368.1	241.0	322.3	237.9	346.5	235.7	325.5	241.2	60- 65	1400	20213	83.9
70	267.6	222.2	310.3	220.5	246.5	221.7	308.1	224.2	65- 70	1275	21488	89.2
75	173.1	205.0	267.6	202.7	153.4	199.3	261.2	206.5	70- 75	1124	22611	93.9
80	89.21	158.1	167.9	150.1	71.05	140.0	153.7	156.2	75- 80	884.5	23496	97.5
85	26.08	59.39	45.76	45.76	13.73	33.98	31.85	51.58	80- 85	468.5	23964	99.5
90	0.7399	0.7244	0.4822	0.4654	0.2875	0.4341	0.5656	0.4110	85- 90	83.04	24047	99.8
95	0.5362	0.3534	0.3864	0.4607	0.4151	0.4330	0.4256	0.3641	90- 95	2.176	24049	99.8
100	0.9792	0.3432	0.4182	0.4892	0.6878	0.4433	0.4377	0.3584	95-100	2.409	24052	99.8
105	1.382	0.3758	0.4549	0.5825	1.097	0.5185	0.4745	0.4147	100-105	2.921	24055	99.8
110	1.474	0.4591	0.4871	0.6660	1.398	0.5912	0.5096	0.4872	105-110	3.458	24058	99.9
115	1.165	0.5476	0.5059	0.7353	1.398	0.6271	0.5163	0.5224	110-115	3.631	24062	99.9
120	0.3428	0.6411	0.5207	0.7906	0.9769	0.6718	0.5169	0.5655	115-120	3.197	24065	99.9
125	0.3606	0.7448	0.5477	0.8117	0.6545	0.7375	0.5177	0.6201	120-125	2.823	24068	99.9
130	0.3721	0.8657	0.6149	0.8830	0.5153	0.8463	0.5703	0.7815	125-130	2.853	24071	99.9
135	0.4167	0.9129	0.6751	0.9260	0.4665	0.9435	0.6072	0.8735	130-135	2.913	24074	99.9
140	0.4819	0.9950	0.8273	0.9565	0.5161	0.9689	0.7891	0.9084	135-140	2.959	24077	99.9
145	0.5556	1.117	0.9515	1.032	0.5800	1.108	0.8961	1.034	140-145	3.028	24080	99.9
150	0.6372	1.344	1.044	1.116	0.6486	1.347	0.9392	1.277	145-150	2.916	24083	100
155	0.7263	1.540	1.038	1.327	0.7541	1.475	1.135	1.355	150-155	2.719	24085	100
160	0.7809	1.530	1.241	1.380	0.7938	1.490	1.340	1.331	155-160	2.457	24088	100
165	0.8414	1.758	1.402	1.564	0.8226	1.580	1.336	1.360	160-165	1.983	24090	100
170	0.9275	2.060	1.647	1.817	0.9312	1.954	1.660	1.719	165-170	1.645	24091	100
175	0.9360	2.216	1.821	2.007	0.9407	2.046	1.838	1.870	170-175	1.131	24093	100
180	0.8004	2.119	1.829	2.013	0.8401	1.970	1.818	1.800	175-180	0.3904	24093	100
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			

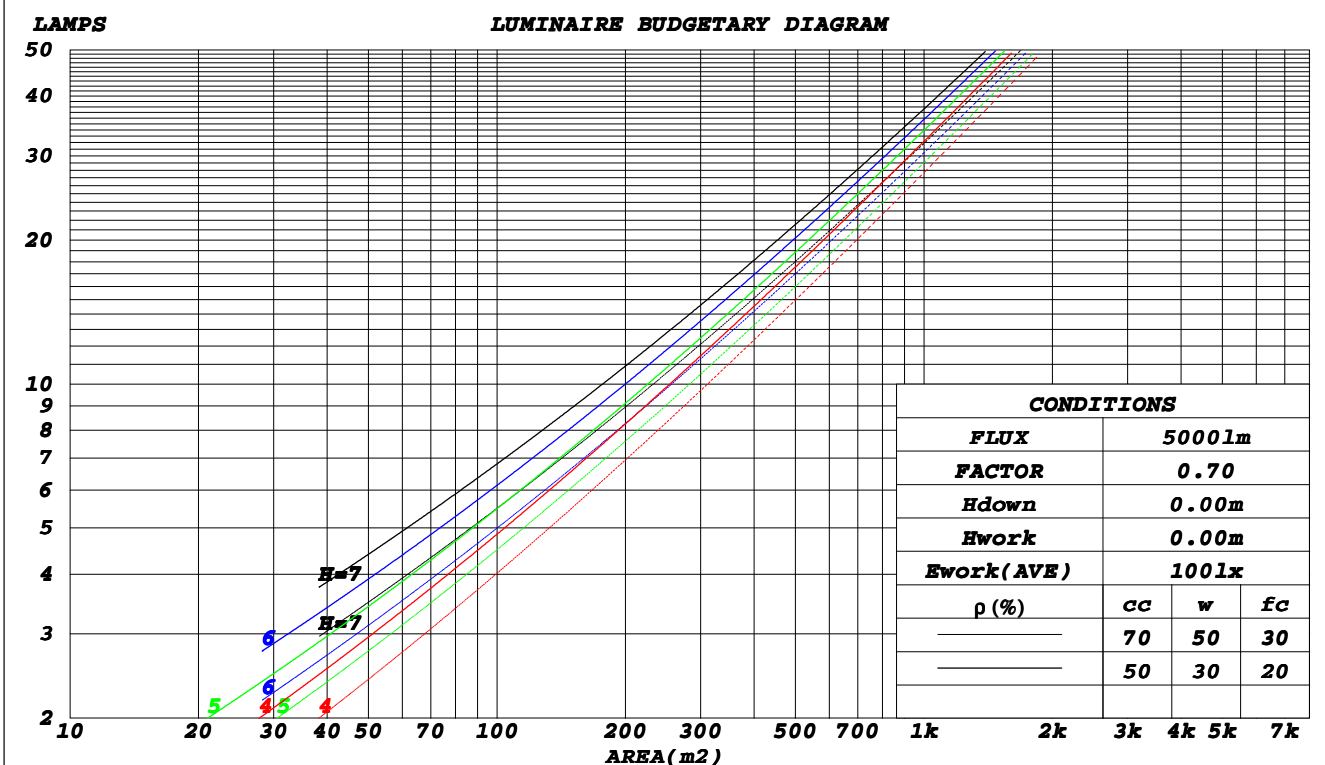
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 19.4DEG
 Operators: Jordan/Rao
 Test Date: 2013-09-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
 Humidity: 53.3%
 Test Distance: 1.495m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION 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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00	
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.83	
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70	
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60	
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.52	
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45	
6.0	.58	.50	.43	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.47	.42	.40	
7.0	.53	.45	.39	.53	.44	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36	
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.32	
9.0	.45	.37	.32	.45	.37	.32	.44	.37	.32	.42	.36	.31	.41	.36	.31	.30	
10.0	.42	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27	



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 19.4DEG
 Operators: Jordan/Rao
 Test Date: 2013-09-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
 Humidity: 53.3%
 Test Distance: 1.495m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.310	.176	.056	.303	.173	.055	.290	.166	.053	.277	.160	.051	.266	.154	.050	
2.0	.288	.158	.048	.282	.155	.048	.270	.150	.047	.259	.145	.045	.249	.141	.044	
3.0	.264	.141	.042	.259	.139	.042	.248	.135	.041	.239	.131	.040	.230	.127	.039	
4.0	.243	.126	.037	.238	.124	.037	.229	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.224	.114	.033	.219	.113	.033	.211	.110	.032	.204	.107	.032	.197	.105	.032	
6.0	.207	.104	.030	.203	.103	.030	.196	.101	.029	.189	.098	.029	.183	.096	.029	
7.0	.193	.095	.027	.189	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.180	.088	.025	.177	.087	.025	.171	.085	.024	.166	.084	.024	.161	.082	.024	
9.0	.169	.082	.023	.166	.081	.023	.161	.079	.023	.156	.078	.022	.151	.077	.022	
10.0	.159	.076	.021	.156	.075	.021	.152	.074	.021	.147	.073	.021	.143	.072	.021	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.158	.136	.156	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.100	.148	.115	.086	.102	.079	.060	.059	.046	.035	.019	.015	.012	
3.0	.165	.116	.077	.141	.100	.066	.097	.069	.047	.056	.041	.027	.018	.013	.009	
4.0	.157	.102	.061	.134	.088	.053	.092	.062	.037	.053	.036	.022	.017	.012	.007	
5.0	.149	.092	.050	.128	.079	.043	.088	.055	.030	.051	.033	.018	.016	.011	.006	
6.0	.142	.083	.042	.122	.072	.036	.084	.051	.026	.049	.030	.015	.016	.010	.005	
7.0	.135	.076	.036	.116	.066	.031	.080	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.128	.070	.031	.110	.061	.027	.076	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.122	.065	.027	.105	.057	.024	.073	.040	.017	.042	.024	.010	.014	.008	.003	
10.0	.116	.061	.024	.100	.053	.021	.070	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators:Jordan/Rao
Test Date:2013-09-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance:1.495m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION 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	27.7	29.2	28.0	29.4	29.6	26.5	28.0	26.8	28.2	28.4
3H	29.0	30.4	29.3	30.6	30.8	29.4	30.8	29.7	31.0	31.3
4H	29.5	30.8	29.8	31.0	31.3	30.9	32.2	31.2	32.4	32.7
6H	29.8	31.0	30.1	31.3	31.6	32.0	33.2	32.3	33.5	33.8
8H	29.9	31.1	30.2	31.4	31.6	32.3	33.5	32.6	33.7	34.0
12H	29.9	31.1	30.3	31.4	31.7	32.4	33.5	32.7	33.8	34.1
4H 2H	28.0	29.3	28.4	29.6	29.9	27.1	28.4	27.4	28.7	28.9
3H	29.5	30.7	29.9	31.0	31.3	30.3	31.5	30.7	31.8	32.1
4H	30.1	31.2	30.5	31.5	31.8	32.0	33.0	32.4	33.3	33.7
6H	30.6	31.5	31.0	31.9	32.2	33.3	34.2	33.7	34.5	34.9
8H	30.7	31.6	31.1	31.9	32.3	33.6	34.5	34.0	34.8	35.2
12H	30.8	31.6	31.2	32.0	32.4	33.7	34.5	34.2	34.9	35.3
8H 4H	30.8	31.7	31.2	32.0	32.4	32.3	33.2	32.8	33.6	34.0
6H	31.5	32.2	31.9	32.6	33.1	33.8	34.6	34.3	35.0	35.4
8H	31.8	32.4	32.2	32.9	33.3	34.3	34.9	34.7	35.3	35.8
12H	32.0	32.5	32.4	33.0	33.4	34.5	35.0	35.0	35.5	36.0
12H 4H	30.9	31.7	31.4	32.1	32.5	32.4	33.2	32.8	33.6	34.0
6H	31.8	32.4	32.2	32.8	33.3	33.9	34.6	34.4	35.0	35.5
8H	32.1	32.7	32.6	33.1	33.6	34.4	35.0	34.9	35.4	35.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.1 / - 0.1				
1.5H	+ 0.7 / - 0.6					+ 0.1 / - 0.2				
2.0H	+ 1.1 / - 1.0					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 24093 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.1)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 19.4DEG
 Operators: Jordan/Rao
 Test Date: 2013-09-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
 Humidity: 53.3%
 Test Distance: 1.495m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION ANGLE:

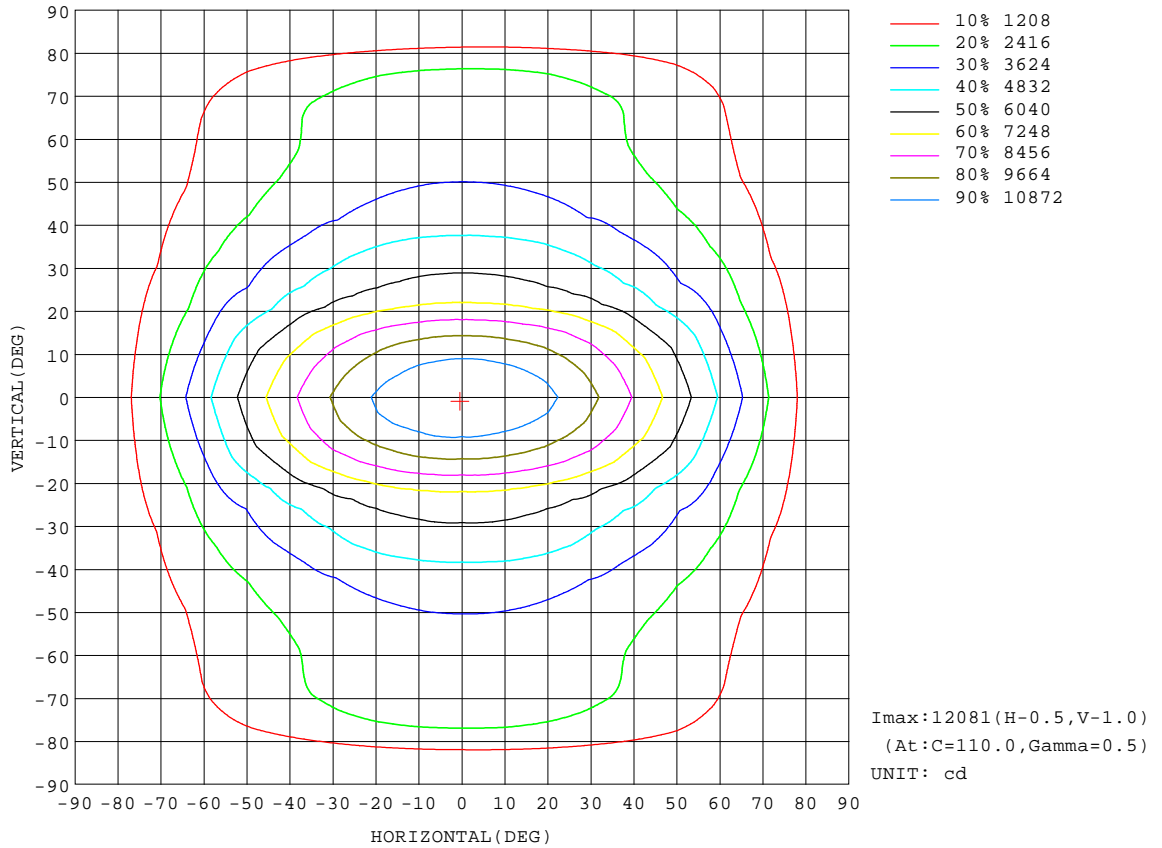
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	61	50	43	60	49	43	59	49	43	36
0.80	70	59	52	69	59	52	67	58	51	45
1.00	78	67	60	77	66	60	74	68	59	52
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	79	73	87	79	72	84	77	71	64
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	93	88	83	75
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION ANGLE:



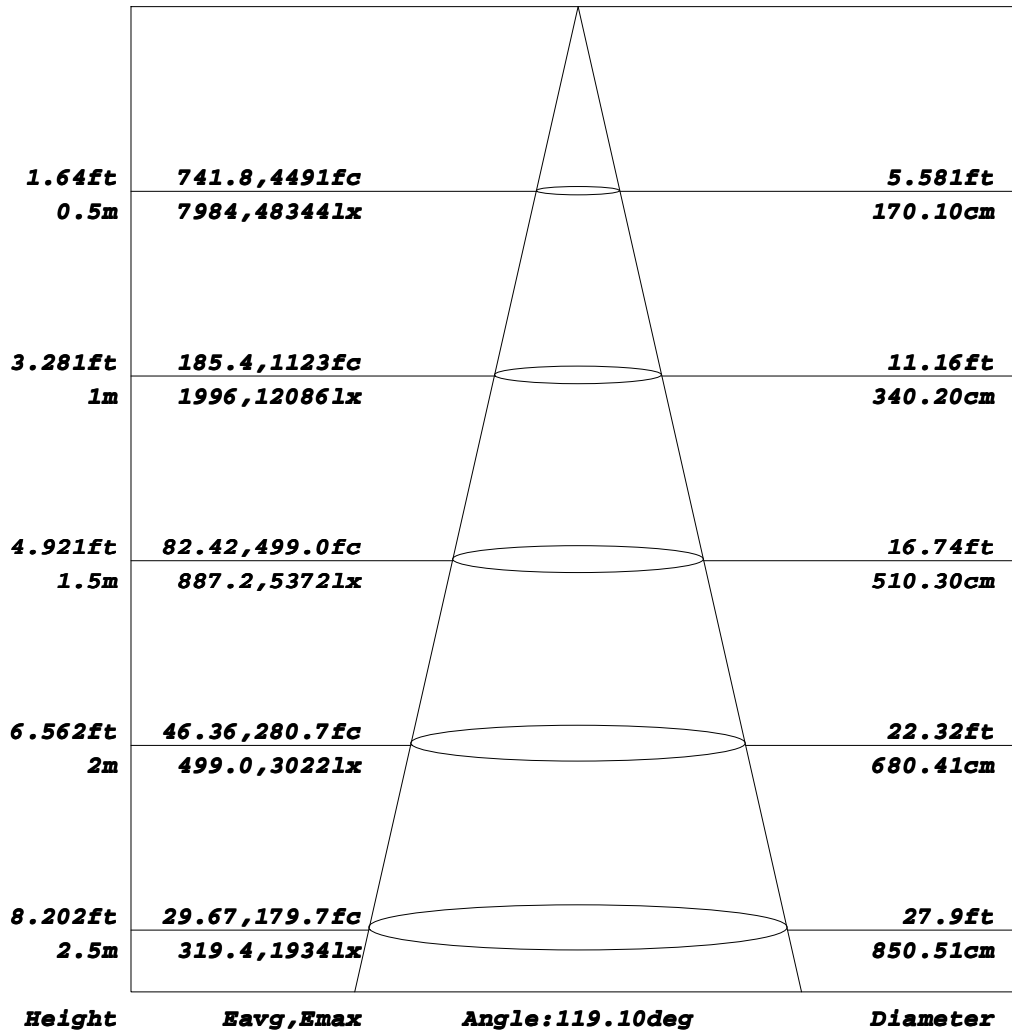
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [K=1.0000]
Remarks:

AAI Figure

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION ANGLE:

Flux out:18813 lm



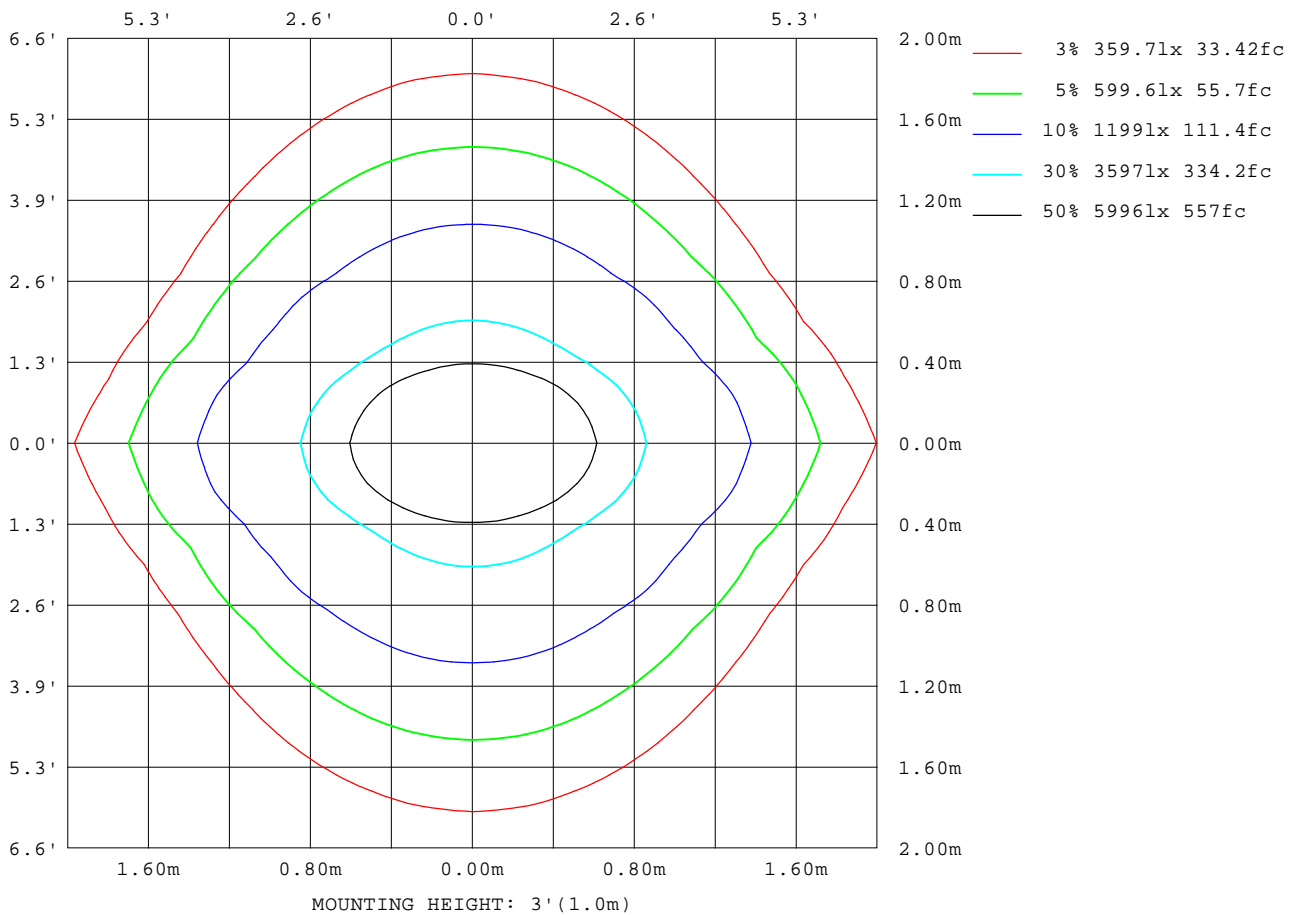
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION ANGLE:

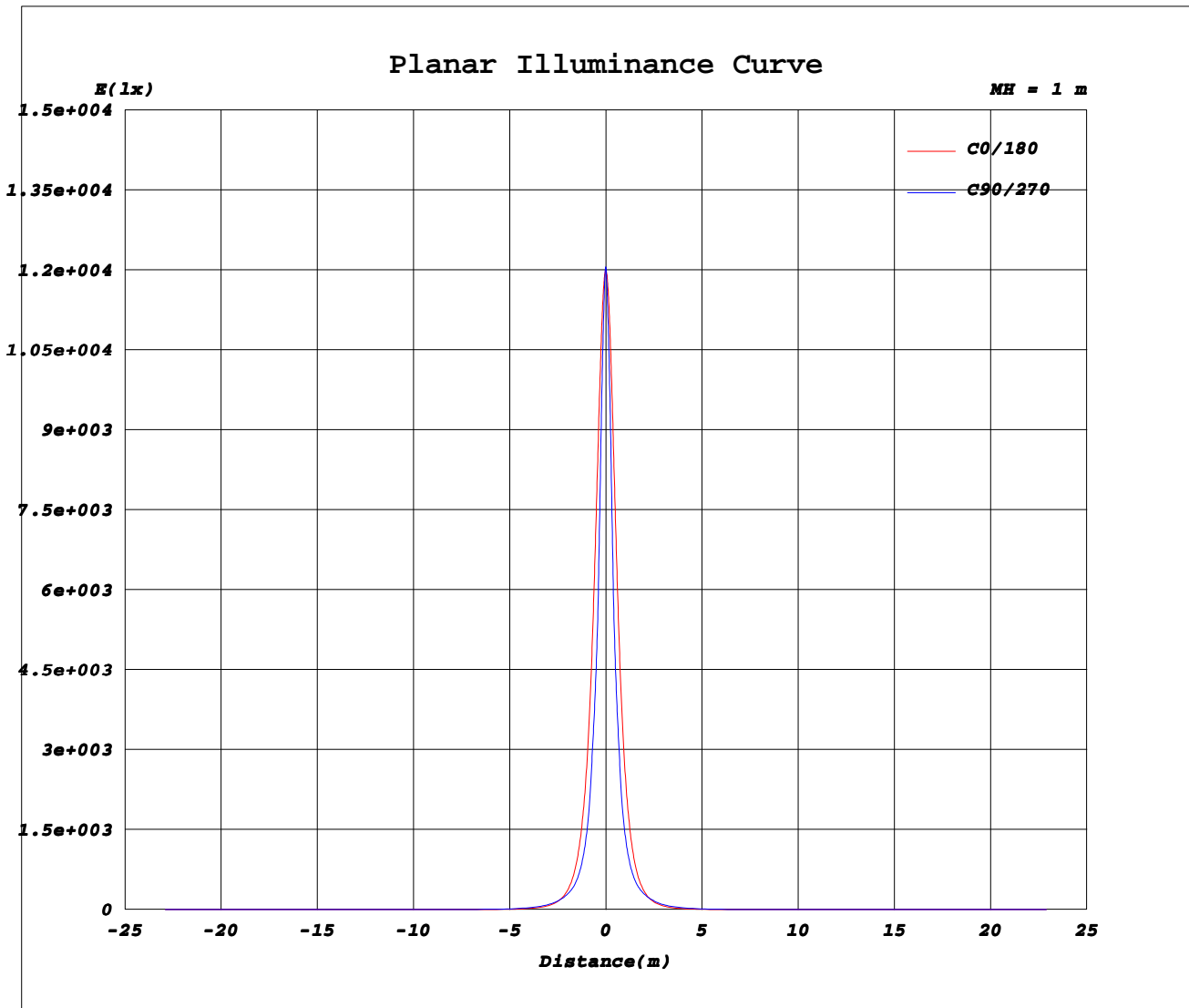


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [K=1.0000]
Remarks:

D:\test data\2013-9-29\ALUBM6.GOS

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [K=1.0000]
Remarks:

D:\test data\2013-9-29\ALJBM6.GOS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1199	1197	1198	1202	1203	1203	1205	1206	1208	1206	1208	1209	1208	1207	1204	1204	1205	1203	1199
5	1194	1192	1190	1187	1180	1173	1170	1166	1165	1162	1167	1170	1175	1181	1183	1189	1196	1196	1192
10	1179	1173	1158	1141	1122	1105	1092	1082	1076	1071	1077	1085	1096	1111	1124	1143	1164	1174	1173
15	1150	1139	1110	1079	1048	1018	993	970	954	945	955	971	995	1024	1049	1079	1114	1137	1141
20	1110	1090	1048	1005	954	898	850	815	793	782	794	815	853	904	955	1004	1050	1086	1098
25	1057	1029	975	912	831	757	705	679	667	661	667	678	707	763	832	912	975	1022	1041
30	993	955	890	797	701	640	617	606	598	593	597	603	615	642	700	797	888	947	976
35	918	872	792	675	595	567	552	549	543	539	543	545	550	566	591	675	790	862	899
40	837	782	681	562	521	505	492	472	461	455	458	470	489	502	516	559	678	772	818
45	753	690	566	479	455	434	407	407	406	404	405	404	404	430	450	472	562	680	734
50	666	593	456	406	386	363	363	365	366	365	365	362	361	359	380	400	452	583	646
55	573	488	368	344	316	318	323	331	337	338	335	329	320	314	310	338	360	479	550
60	470	375	295	266	269	279	295	310	319	322	318	308	293	276	264	260	287	365	449
65	368	269	230	216	230	252	281	305	319	322	317	303	280	250	225	210	221	258	347
70	268	183	163	174	203	241	275	299	308	310	307	298	274	240	201	169	154	172	246
75	173	118	117	147	190	220	242	258	267	268	265	257	241	218	188	144	110	108	153
80	89.2	62.2	87.3	125	149	167	170	171	171	168	167	165	162	157	143	119	82.8	53.8	71.0
85	26.1	31.1	54.4	61.5	60.8	58.0	55.0	51.2	48.2	45.8	45.5	44.8	44.8	45.5	46.0	45.6	42.2	25.4	13.7
90	0.74	0.76	0.75	0.78	0.75	0.69	0.64	0.58	0.52	0.48	0.46	0.44	0.44	0.46	0.47	0.48	0.41	0.34	0.29
95	0.54	0.43	0.33	0.31	0.34	0.37	0.38	0.38	0.39	0.39	0.40	0.42	0.44	0.46	0.47	0.47	0.53	0.59	0.42
100	0.98	0.72	0.56	0.35	0.33	0.35	0.38	0.39	0.40	0.42	0.43	0.45	0.46	0.47	0.51	0.62	0.75	1.01	0.69
105	1.38	1.06	0.72	0.51	0.38	0.37	0.38	0.40	0.43	0.45	0.47	0.48	0.50	0.54	0.63	0.75	0.89	1.29	1.10
110	1.47	1.20	0.86	0.77	0.48	0.44	0.45	0.46	0.47	0.49	0.51	0.53	0.57	0.63	0.71	0.84	0.97	1.30	1.40
115	1.16	1.01	0.79	0.79	0.61	0.49	0.47	0.48	0.50	0.51	0.53	0.56	0.60	0.68	0.80	0.83	0.78	1.00	1.40
120	0.34	0.36	0.57	0.71	0.71	0.57	0.51	0.49	0.51	0.52	0.53	0.58	0.64	0.76	0.82	0.78	0.73	0.45	0.98
125	0.36	0.35	0.78	0.69	0.87	0.62	0.58	0.54	0.53	0.55	0.58	0.64	0.73	0.78	0.84	0.67	0.74	0.35	0.65
130	0.37	0.37	0.80	0.92	1.02	0.71	0.63	0.60	0.60	0.61	0.65	0.71	0.76	0.83	0.94	0.77	0.81	0.37	0.52
135	0.42	0.42	0.64	1.19	0.92	0.91	0.76	0.66	0.66	0.68	0.71	0.75	0.85	0.99	0.86	1.02	0.62	0.41	0.47
140	0.48	0.48	0.58	1.27	0.96	1.03	0.95	0.88	0.86	0.83	0.87	0.93	1.03	1.06	0.85	1.17	0.54	0.48	0.52
145	0.56	0.56	0.63	1.36	1.19	1.04	1.02	0.99	0.98	0.95	0.98	1.04	1.10	1.09	0.97	1.30	0.57	0.55	0.58
150	0.64	0.64	0.66	1.31	1.60	1.09	0.98	1.03	1.05	1.04	1.06	1.13	1.14	0.96	1.27	1.22	0.64	0.64	0.65
155	0.73	0.73	0.69	1.24	1.71	1.37	1.15	1.04	1.05	1.04	1.10	1.19	1.32	1.19	1.46	1.21	0.72	0.73	0.75
160	0.78	0.78	0.74	1.19	1.68	1.38	1.11	1.13	1.20	1.24	1.26	1.31	1.26	1.24	1.52	1.22	0.75	0.79	0.79
165	0.84	0.84	0.83	1.36	1.89	1.62	1.32	1.30	1.36	1.40	1.45	1.49	1.38	1.43	1.70	1.36	0.83	0.85	0.82
170	0.93	0.92	0.96	1.56	2.21	1.91	1.62	1.58	1.62	1.65	1.67	1.68	1.57	1.68	1.95	1.59	0.95	0.94	0.93
175	0.94	0.93	0.98	1.73	2.37	2.06	1.81	1.77	1.80	1.82	1.85	1.84	1.74	1.87	2.14	1.71	0.94	0.93	0.94
180	0.80	0.79	0.84	1.60	2.27	1.97	1.81	1.82	1.82	1.83	1.86	1.87	1.78	1.88	2.14	1.72	0.91	0.88	0.84

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:276.9V I:1.204A P:329.2W PF:0.9880 Lamp Flux:24092.9x1 lm		
NAME: HIGH BAY FLUORESCENT FIXTURE	TYPE:ALUBM6	WEIGHT:
SPEC.:T5-6x54w, 120-277v/60hz	DIM.:	SERIAL No.:
MFR.: Americanlite a Div of DK Intl Group	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C (DEG) \ γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1197	1198	1202	1203	1203	1205	1206	1208	1206	1208	1209	1208	1207	1204	1204	1205	1203		
5	1186	1180	1178	1171	1163	1159	1155	1153	1151	1153	1157	1161	1165	1172	1181	1188	1194		
10	1160	1143	1129	1113	1096	1084	1075	1069	1066	1069	1077	1087	1099	1115	1134	1153	1171		
15	1120	1092	1068	1040	1010	985	965	951	945	950	966	989	1015	1044	1076	1105	1134		
20	1068	1030	992	947	893	843	809	789	782	788	811	847	897	954	1004	1045	1085		
25	1004	955	900	824	750	701	677	664	660	664	678	706	756	835	915	974	1024		
30	929	869	786	693	634	609	598	590	588	590	599	613	639	705	804	890	951		
35	846	772	663	587	556	542	537	531	528	531	538	546	562	598	683	796	869		
40	758	662	551	509	490	474	455	444	443	445	456	480	496	520	569	689	783		
45	667	544	465	442	413	396	400	401	401	402	402	401	422	452	481	572	692		
50	569	437	394	367	353	355	359	362	363	363	361	360	358	381	407	461	597		
55	464	353	326	307	309	316	327	334	336	335	330	321	315	314	341	371	494		
60	353	280	254	260	272	291	308	320	324	319	310	295	279	268	265	295	385		
65	248	211	206	222	249	282	306	322	326	322	307	283	253	229	216	228	277		
70	168	150	166	202	242	276	295	305	308	307	300	278	244	204	174	161	187		
75	103	108	145	187	211	232	248	258	261	261	254	240	221	192	148	117	118		
80	51.8	82.5	114	136	144	146	149	152	154	158	161	163	163	150	127	86.8	60.3		
85	24.1	36.2	36.8	35.1	32.9	30.9	29.9	30.1	31.9	35.5	40.3	44.8	49.3	53.8	56.6	53.0	29.7		
90	0.28	0.88	0.40	0.42	0.44	0.43	0.42	0.42	0.57	0.42	0.43	0.43	0.42	0.40	0.37	0.35	0.43		
95	0.36	0.37	0.40	0.43	0.44	0.44	0.43	0.43	0.43	0.42	0.42	0.40	0.38	0.35	0.32	0.29	0.30		
100	0.57	0.51	0.47	0.45	0.44	0.44	0.45	0.44	0.44	0.43	0.42	0.39	0.37	0.35	0.35	0.37	0.46		
105	0.92	0.73	0.60	0.54	0.50	0.49	0.49	0.49	0.47	0.45	0.44	0.42	0.41	0.42	0.45	0.55	0.76		
110	1.21	0.85	0.68	0.62	0.57	0.54	0.52	0.51	0.51	0.50	0.48	0.47	0.48	0.50	0.54	0.74	1.08		
115	1.23	0.82	0.77	0.65	0.61	0.57	0.55	0.53	0.52	0.51	0.50	0.51	0.52	0.53	0.66	0.83	1.19		
120	0.78	0.64	0.75	0.72	0.62	0.58	0.56	0.54	0.52	0.51	0.51	0.52	0.54	0.60	0.74	0.61	0.77		
125	0.52	0.77	0.71	0.82	0.66	0.61	0.58	0.54	0.52	0.52	0.52	0.55	0.56	0.68	0.78	0.69	0.41		
130	0.44	0.91	0.85	0.92	0.77	0.65	0.61	0.59	0.57	0.55	0.54	0.58	0.65	0.91	0.91	0.96	0.41		
135	0.45	0.90	1.11	0.88	1.01	0.83	0.65	0.62	0.61	0.61	0.62	0.75	0.83	0.91	1.04	0.93	0.46		
140	0.50	0.79	1.41	0.85	1.08	0.99	0.88	0.83	0.79	0.82	0.84	0.92	0.90	0.92	1.32	0.83	0.50		
145	0.57	0.73	1.56	1.20	1.02	1.07	1.01	0.93	0.90	0.93	0.96	1.00	0.95	1.12	1.62	0.78	0.56		
150	0.64	0.74	1.48	1.45	1.25	1.12	1.01	0.96	0.94	0.97	0.95	1.02	1.16	1.39	1.64	0.79	0.63		
155	0.74	0.77	1.39	1.59	1.36	1.42	1.34	1.20	1.13	1.15	1.21	1.29	1.26	1.45	1.57	0.83	0.73		
160	0.78	0.77	1.24	1.63	1.35	1.36	1.39	1.36	1.34	1.33	1.31	1.28	1.25	1.42	1.59	0.94	0.78		
165	0.81	0.80	1.05	1.65	1.51	1.38	1.43	1.38	1.34	1.31	1.30	1.29	1.28	1.44	1.72	1.13	0.82		
170	0.93	0.91	0.99	1.86	2.05	1.68	1.66	1.67	1.66	1.68	1.70	1.68	1.64	1.80	2.25	1.63	0.92		
175	0.94	0.90	0.94	1.77	2.32	1.98	1.85	1.84	1.84	1.85	1.87	1.87	1.81	1.93	2.26	1.77	0.95		
180	0.84	0.82	0.87	1.64	2.30	1.99	1.83	1.82	1.82	1.83	1.86	1.87	1.75	1.85	2.11	1.65	0.84		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 19.4DEG
Operators: Jordan/Rao
Test Date: 2013-09-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.285
Humidity: 53.3%
Test Distance: 1.495m [K=1.0000]
Remarks: