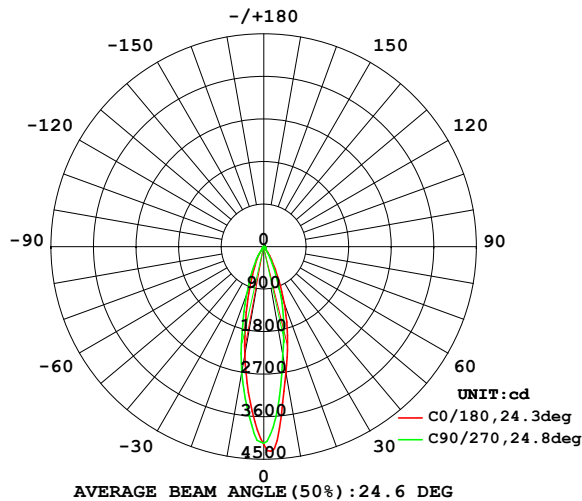


LUMINAIRE PHOTOMETRIC TEST REPORT

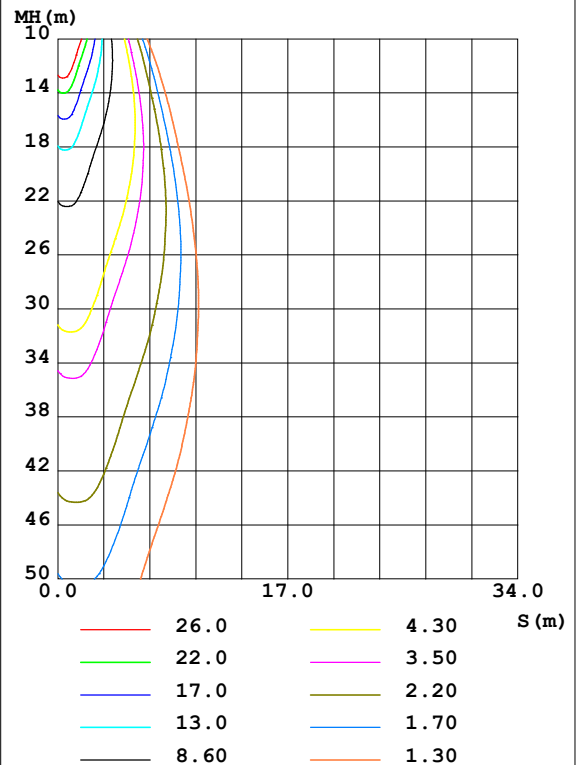
Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.35 lm/W			
MODEL		I _{max} (cd)	4343	S/MH (C0/180)	0.38
NOMINAL POWER (W)	12.5	LOR (%)	100.0	S/MH (C90/270)	0.44
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	1185.3	η UP, DN (C0-180)	0.0, 49.0
NOMINAL FLUX (lm)	1185.29	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.9
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Aaron
Test Date: 2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 10.830m [K=1.0000]
Remarks: 3500K
TP

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum
10	2715	2515	2336	2330	2324	2414	2691	2832	0- 10	303.9	303.9	25.6
20	1276	1178	1001	862.1	824.5	898.3	1052	1196	10- 20	465.7	769.7	64.9
30	365.1	300.9	253.6	251.1	265.1	280.6	331.1	372.9	20- 30	267.6	1037	87.5
40	53.39	50.37	48.36	43.91	44.81	46.14	46.95	51.55	30- 40	81.75	1119	94.4
50	23.22	22.59	21.10	19.82	19.00	19.01	20.37	22.27	40- 50	24.75	1144	96.5
60	17.10	16.64	15.65	14.73	14.02	14.00	15.01	16.40	50- 60	16.08	1160	97.9
70	12.39	11.95	10.98	10.07	9.429	9.443	10.44	11.75	60- 70	13.01	1173	98.9
80	7.235	6.765	5.752	4.814	4.231	4.338	5.316	6.613	70- 80	8.749	1182	99.7
90	0.7487	0.3030	0	0	0	0	0	0.3629	80- 90	2.937	1185	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0098	1185	99.9
110	0	0	0	0	0	0	0	0	100-110	0	1185	99.9
120	0	0	0	0	0	0	0	0	110-120	0	1185	99.9
130	0	0	0	0.0002	0.0258	0	0	0	120-130	0.0001	1185	99.9
140	0.1146	0.1853	0.1848	0.2426	0.3064	0.2485	0.2430	0.1849	130-140	0.0616	1185	99.9
150	0.3892	0.4533	0.4466	0.5044	0.5619	0.5228	0.5299	0.4784	140-150	0.2202	1185	100
160	0.5870	0.5999	0.5935	0.5935	0.6382	0.6318	0.6510	0.6318	150-160	0.2617	1185	100
170	0.5938	0.5742	0.5872	0.5425	0.5805	0.6001	0.5935	0.6321	160-170	0.1743	1185	100
180	0.5425	0.5425	0.5425	0.5425	0.5425	0.5489	0.5297	0.5553	170-180	0.0539	1185	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

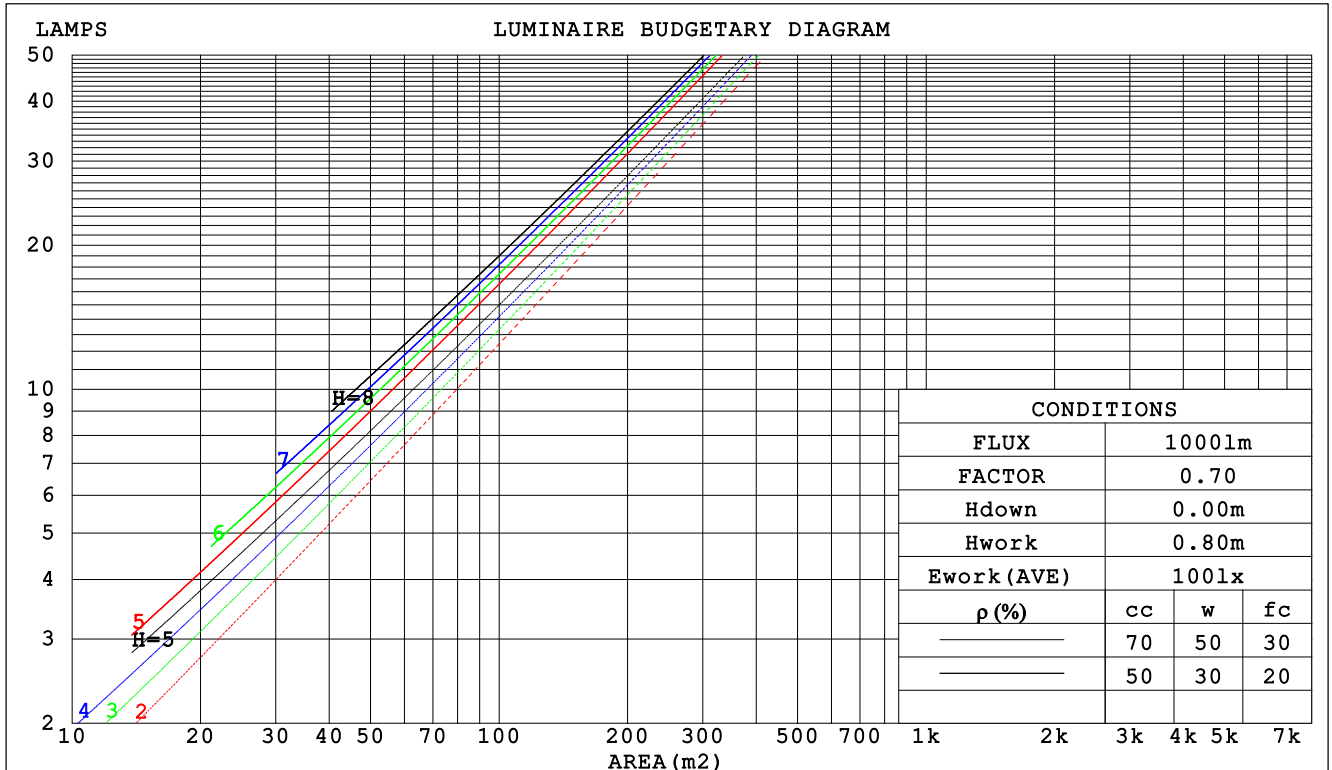
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.12	1.09	1.07	1.10	1.08	1.06	1.05	1.04	1.02	1.02	1.01	.99	.98	.97	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.97	.95	.94	.95	.93	.92	.90
3.0	.90	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.90	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.80	.77	.82	.79	.76	.75
7.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70
9.0	.77	.72	.69	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

WEC AND CCEC

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.160	.091	.029	.153	.087	.028	.141	.081	.026	.129	.075	.024	.119	.069	.022		
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.020		
3.0	.139	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.110	.061	.019		
4.0	.131	.068	.020	.127	.066	.020	.119	.063	.019	.112	.060	.018	.106	.058	.018		
5.0	.123	.063	.018	.120	.062	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016		
6.0	.117	.058	.017	.114	.057	.017	.108	.055	.016	.103	.053	.016	.098	.052	.015		
7.0	.111	.055	.016	.108	.054	.015	.103	.052	.015	.099	.051	.015	.094	.049	.014		
8.0	.105	.052	.014	.103	.051	.014	.099	.049	.014	.095	.048	.014	.091	.047	.014		
9.0	.101	.049	.014	.099	.048	.013	.095	.047	.013	.091	.046	.013	.088	.045	.013		
10.0	.096	.046	.013	.095	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.012		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.158	.147	.146	.136	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.116	.132	.115	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.140	.114	.093	.120	.098	.081	.082	.068	.057	.048	.040	.033	.015	.013	.011	
4.0	.128	.099	.076	.110	.085	.066	.076	.060	.047	.044	.035	.028	.014	.011	.009	
5.0	.118	.087	.064	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.054	.094	.067	.047	.065	.047	.033	.038	.028	.020	.012	.009	.006	
7.0	.103	.069	.046	.088	.060	.040	.061	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.063	.039	.083	.054	.034	.057	.038	.024	.033	.023	.015	.011	.007	.005	
9.0	.091	.057	.034	.078	.050	.030	.054	.035	.021	.032	.021	.013	.010	.007	.004	
10.0	.086	.053	.030	.074	.046	.026	.051	.032	.019	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

UGR(Unified Glare Rating) Table

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm										
NAME: ADL 12.5W ADR8WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 12.5W ADR8WH 25°					DIM.:			SERIAL No.:01		
MFR.: GREEN CREATIVE					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	0.5	1.3	0.7	1.4	1.6	-0.9	-0.1	-0.6	0.1	0.2
3H	1.4	2.1	1.6	2.3	2.5	0.2	0.9	0.5	1.1	1.3
4H	1.9	2.6	2.2	2.8	3.0	0.8	1.5	1.1	1.7	1.9
6H	2.5	3.1	2.8	3.4	3.6	1.3	2.0	1.6	2.2	2.5
8H	2.7	3.3	3.0	3.6	3.9	1.5	2.2	1.8	2.4	2.7
12H	2.9	3.5	3.3	3.8	4.1	1.7	2.3	2.0	2.5	2.8
4H 2H	0.7	1.4	1.0	1.6	1.8	-0.5	0.2	-0.2	0.4	0.6
3H	1.9	2.5	2.2	2.7	3.0	0.9	1.5	1.2	1.8	2.0
4H	2.6	3.1	2.9	3.4	3.7	1.7	2.2	2.0	2.5	2.8
6H	3.3	3.8	3.7	4.1	4.5	2.4	2.9	2.7	3.2	3.5
8H	3.7	4.1	4.0	4.5	4.8	2.6	3.1	3.0	3.4	3.8
12H	4.0	4.4	4.4	4.7	5.1	2.8	3.2	3.2	3.6	4.0
8H 4H	2.8	3.3	3.2	3.6	4.0	2.0	2.5	2.4	2.8	3.2
6H	3.7	4.1	4.2	4.5	4.9	2.9	3.3	3.3	3.7	4.1
8H	4.2	4.5	4.6	4.9	5.4	3.3	3.6	3.7	4.0	4.5
12H	4.6	4.9	5.1	5.3	5.8	3.6	3.9	4.0	4.3	4.8
12H 4H	2.8	3.2	3.2	3.6	4.0	2.1	2.5	2.5	2.8	3.2
6H	3.8	4.1	4.3	4.6	5.0	3.0	3.3	3.5	3.8	4.2
8H	4.3	4.6	4.8	5.0	5.5	3.5	3.7	3.9	4.2	4.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.4					+ 0.3 / - 0.3				
1.5H	+ 0.9 / - 0.3					+ 0.4 / - 0.3				
2.0H	+ 0.5 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 1185 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.6)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

UTILIZATION FACTORS TABLE

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	81	78	75
0.80	95	90	86	95	89	86	93	89	85	82
1.00	99	94	90	99	93	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	94	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	101	95
3.00	112	108	106	110	107	104	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHR NOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Aaron
Test Date: 2018-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 10.830m [K=1.0000]
Remarks: 3500K
TP

ISOCANDELA DIAGRAM

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1133.8 lm

%lum = 95.7%

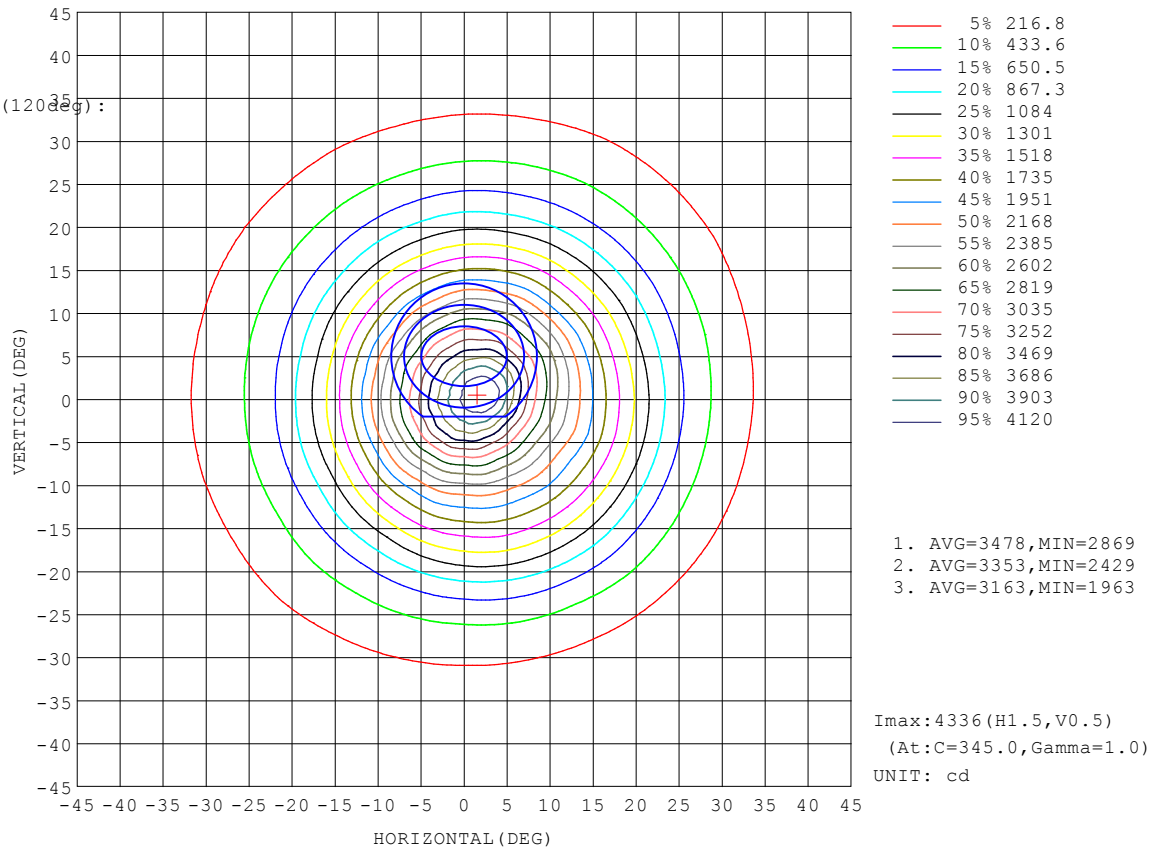
%lamp = 95.7%

Conical surface Flux(120deg):

1159.8 lm

%lum = 97.9%

%lamp = 97.9%

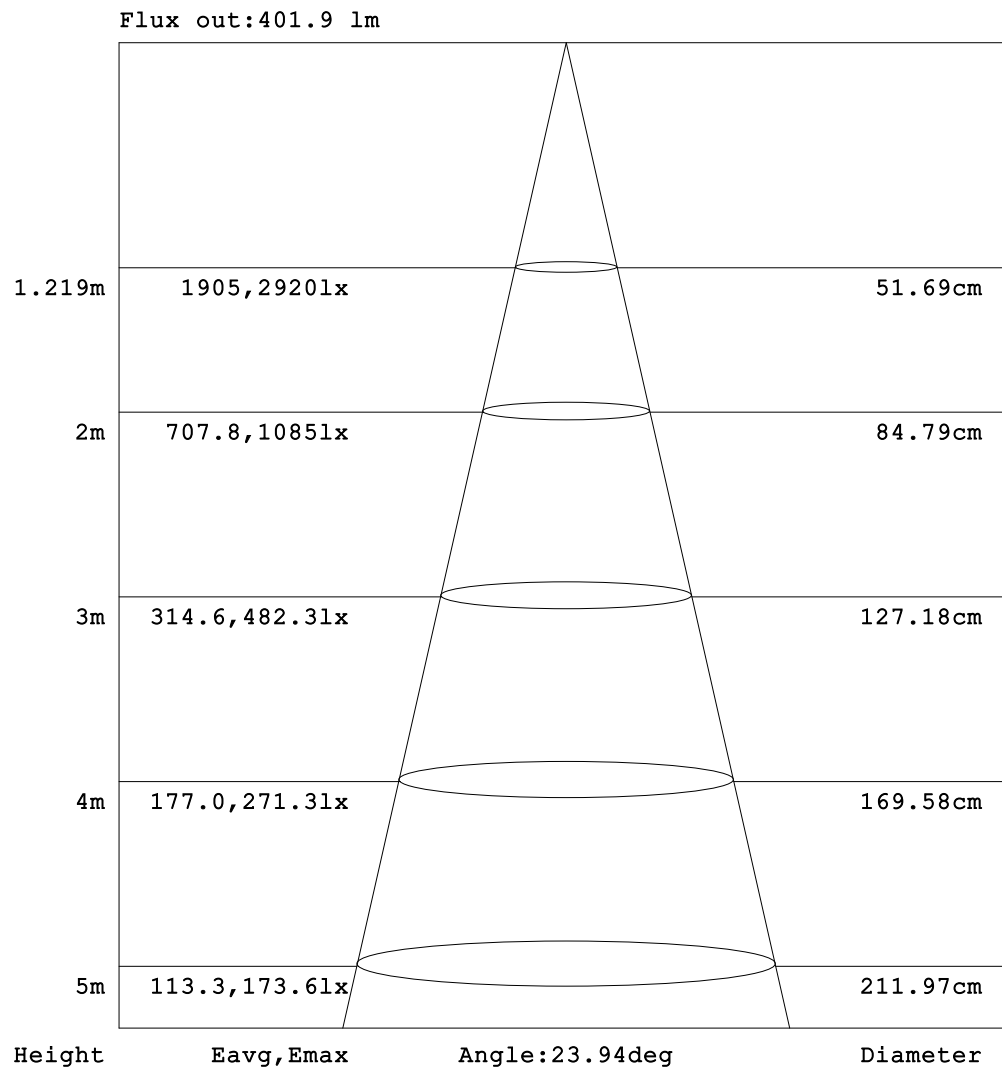


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

AAI Figure

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



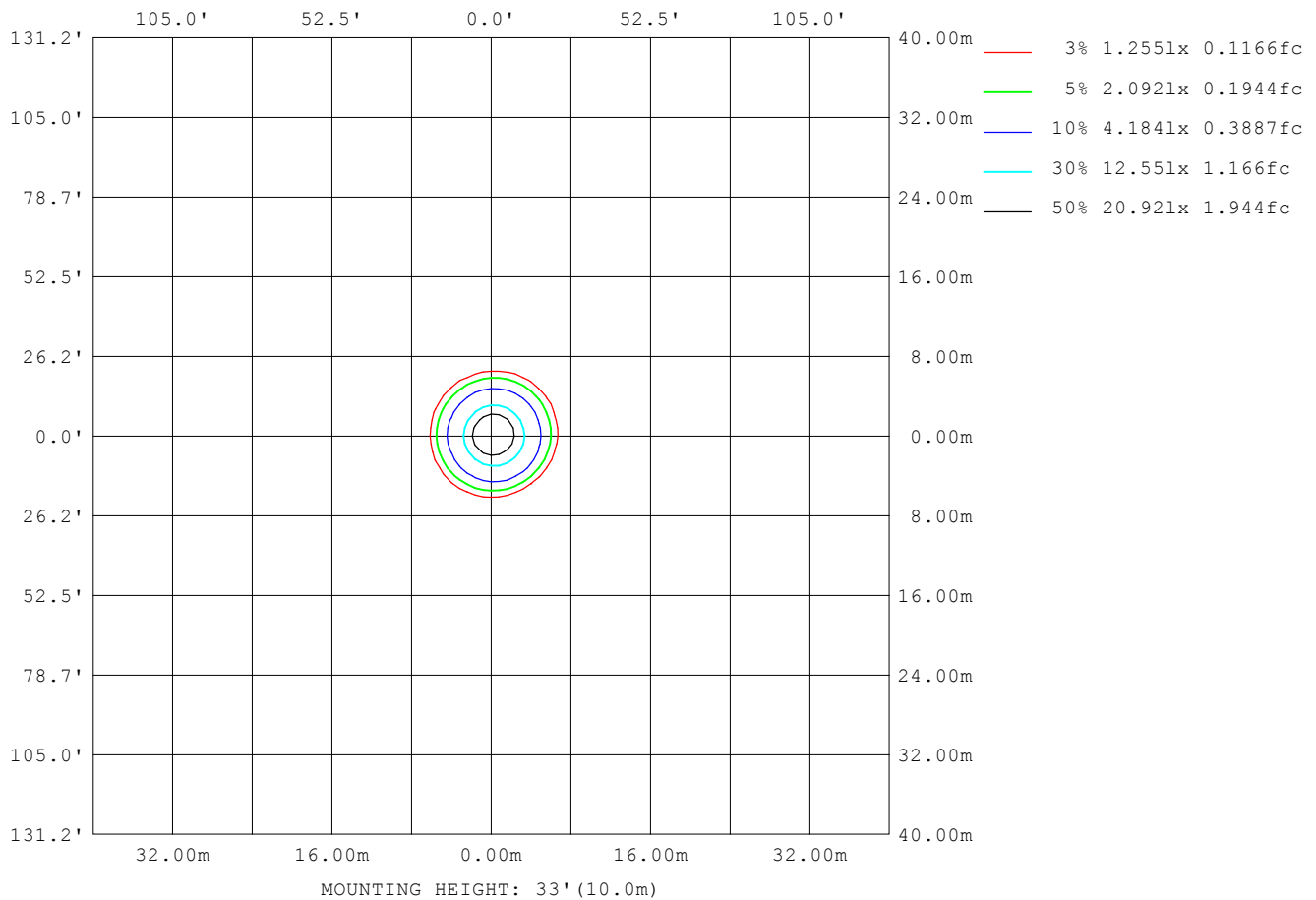
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

ISOLUX DIAGRAM

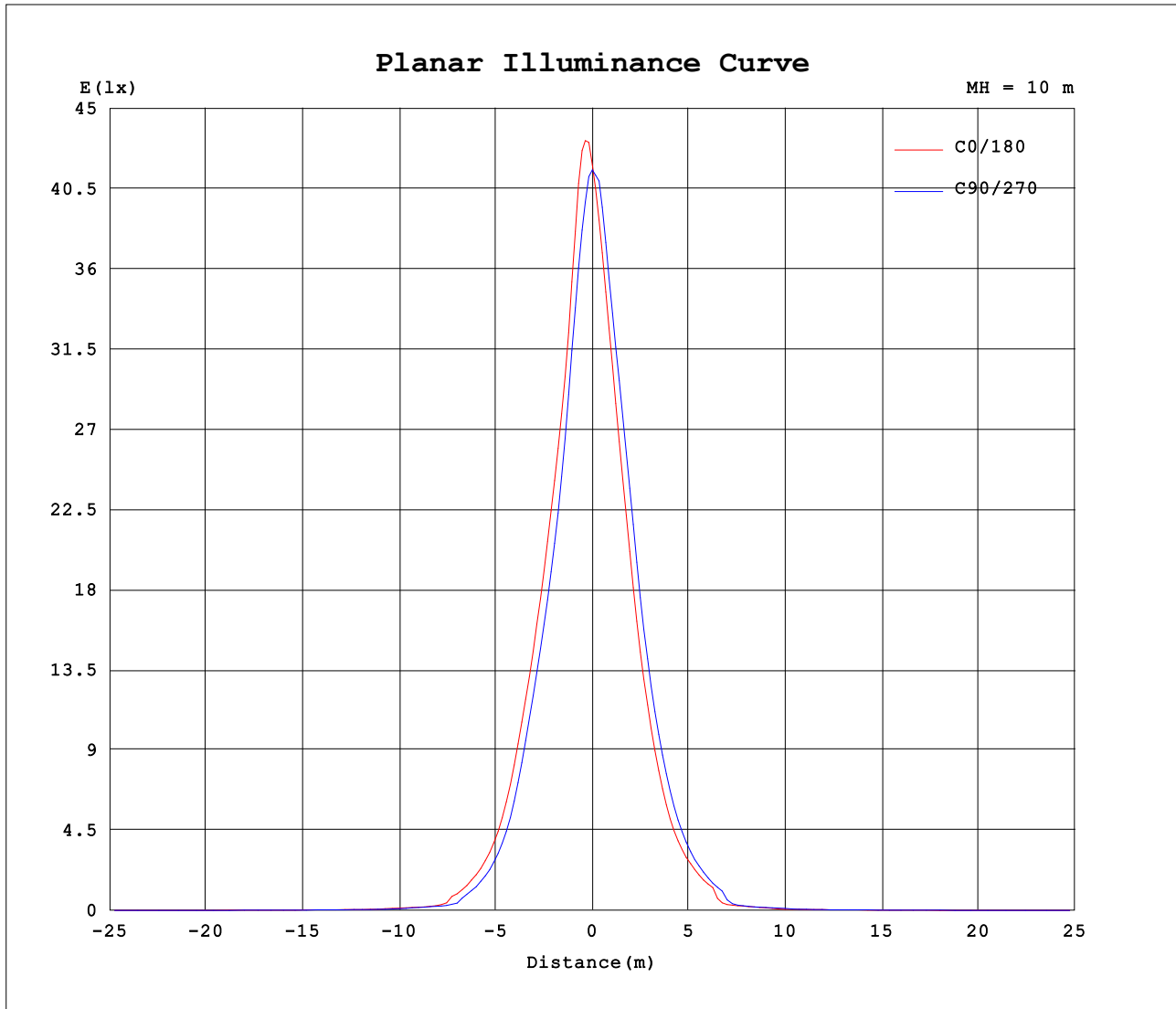
Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Aaron
 Test Date: 2018-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 10.830m [K=1.0000]
 Remarks: 3500K
 TP

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	4184	4177	4165	4167	4165	4157	4157	4152	4168	4180	4184	4201	4184	4177	4165	4167	4165	4157	4157
5	3855	3762	3610	3563	3485	3474	3420	3426	3362	3365	3298	3315	3306	3281	3340	3353	3436	3479	3590
10	2715	2661	2565	2515	2439	2407	2336	2347	2305	2330	2298	2315	2324	2312	2386	2414	2508	2587	2691
15	1945	1944	1855	1817	1745	1696	1633	1594	1538	1505	1454	1447	1439	1457	1497	1537	1606	1670	1750
20	1276	1258	1222	1178	1123	1065	1001	944	885	862	826	830	825	832	868	898	948	993	1052
25	700	679	655	626	575	542	508	489	468	463	448	455	460	470	483	497	524	551	594
30	365	350	324	301	270	260	254	250	247	251	250	258	265	267	275	281	296	309	331
35	172	157	134	119	100	86.6	77.2	73.0	68.4	65.4	61.6	61.7	61.3	60.7	63.5	67.8	75.9	82.6	108
40	53.4	53.0	51.5	50.4	48.7	49.1	48.4	46.3	46.9	43.9	46.4	43.6	44.8	43.1	45.3	46.1	46.2	46.8	47.0
45	40.1	39.8	37.6	36.8	34.4	31.9	30.2	27.3	25.2	24.5	23.5	23.1	22.9	22.9	23.4	24.0	25.7	28.7	33.1
50	23.2	23.2	22.9	22.6	22.1	21.6	21.1	20.6	20.2	19.8	19.4	19.2	19.0	18.9	18.9	19.0	19.4	19.7	20.4
55	19.7	19.7	19.5	19.2	18.9	18.5	18.1	17.8	17.4	17.1	16.7	16.5	16.3	16.2	16.2	16.3	16.6	16.9	17.4
60	17.1	17.1	16.9	16.6	16.3	16.0	15.7	15.3	15.0	14.7	14.4	14.2	14.0	13.9	13.9	14.0	14.3	14.6	15.0
65	14.7	14.7	14.5	14.3	14.0	13.7	13.3	13.0	12.7	12.4	12.1	11.9	11.8	11.6	11.7	11.8	12.0	12.3	12.7
70	12.4	12.4	12.2	12.0	11.6	11.4	11.0	10.7	10.3	10.1	9.75	9.55	9.43	9.32	9.38	9.44	9.69	9.98	10.4
75	9.91	9.88	9.68	9.48	9.14	8.86	8.49	8.19	7.84	7.55	7.24	7.06	6.93	6.84	6.89	6.99	7.23	7.54	7.98
80	7.24	7.19	6.98	6.77	6.44	6.13	5.75	5.44	5.08	4.81	4.52	4.34	4.23	4.16	4.23	4.34	4.60	4.89	5.32
85	4.17	4.13	3.91	3.69	3.36	3.05	2.66	2.34	1.99	1.76	1.49	1.37	1.31	1.30	1.43	1.57	1.83	2.08	2.47
90	0.75	0.71	0.50	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.03	0.00	0.04	0.01	0.06	0.04	0.09	0.06	0.10	0.10	0.12	0.15	0.11	0.13	0.10	0.13	0.08	0.09
140	0.11	0.16	0.15	0.19	0.15	0.21	0.18	0.23	0.19	0.24	0.20	0.26	0.31	0.26	0.28	0.25	0.28	0.22	0.24
145	0.27	0.31	0.28	0.33	0.29	0.36	0.31	0.38	0.34	0.38	0.36	0.40	0.45	0.41	0.43	0.40	0.42	0.38	0.40
150	0.39	0.44	0.40	0.45	0.42	0.47	0.45	0.48	0.47	0.50	0.49	0.50	0.56	0.53	0.56	0.52	0.56	0.50	0.53
155	0.50	0.54	0.50	0.56	0.52	0.57	0.53	0.57	0.56	0.59	0.56	0.59	0.64	0.62	0.63	0.61	0.63	0.59	0.64
160	0.59	0.60	0.59	0.60	0.59	0.61	0.59	0.60	0.59	0.59	0.61	0.59	0.64	0.64	0.63	0.63	0.63	0.63	0.65
165	0.60	0.59	0.61	0.60	0.60	0.60	0.60	0.59	0.61	0.59	0.60	0.59	0.63	0.64	0.63	0.63	0.63	0.64	0.64
170	0.59	0.57	0.60	0.57	0.60	0.57	0.59	0.54	0.58	0.54	0.57	0.54	0.58	0.61	0.58	0.60	0.59	0.62	0.59
175	0.56	0.54	0.56	0.54	0.57	0.53	0.55	0.54	0.55	0.54	0.55	0.53	0.54	0.56	0.54	0.56	0.54	0.56	0.54
180	0.54	0.54	0.54	0.54	0.54	0.53	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.55	0.54	0.54	0.53

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.1208A P:12.70W PF:0.8721 Lamp Flux:1185.29x1 lm		
NAME: ADL 12.5W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	4152	4168	4180	4184	4201														
5	3658	3799	3872	3974	3959														
10	2736	2836	2832	2874	2804														
15	1820	1900	1912	1973	1959														
20	1091	1152	1196	1245	1256														
25	618	650	673	696	699														
30	350	371	373	381	377														
35	151	191	179	196	185														
40	47.8	50.3	51.6	53.7	54.0														
45	35.2	36.0	37.8	39.4	39.2														
50	21.0	21.7	22.3	22.8	23.1														
55	17.9	18.5	18.9	19.4	19.6														
60	15.4	16.0	16.4	16.8	17.0														
65	13.2	13.7	14.1	14.5	14.7														
70	10.8	11.4	11.8	12.1	12.3														
75	8.40	8.90	9.27	9.65	9.84														
80	5.74	6.23	6.61	6.98	7.17														
85	2.83	3.28	3.62	3.96	4.12														
90	0.01	0.12	0.36	0.63	0.73														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.04	0.08	0.03	0.06	0.01														
140	0.18	0.22	0.18	0.20	0.18														
145	0.32	0.37	0.33	0.37	0.33														
150	0.48	0.50	0.48	0.49	0.45														
155	0.58	0.62	0.59	0.60	0.57														
160	0.64	0.66	0.63	0.64	0.63														
165	0.65	0.64	0.64	0.64	0.65														
170	0.63	0.60	0.63	0.60	0.64														
175	0.58	0.57	0.58	0.55	0.59														
180	0.55	0.54	0.56	0.55	0.55														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks: 3500K
TP