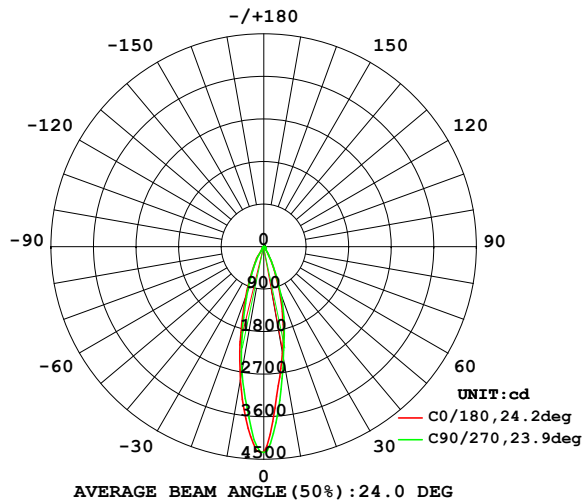


LUMINAIRE PHOTOMETRIC TEST REPORT

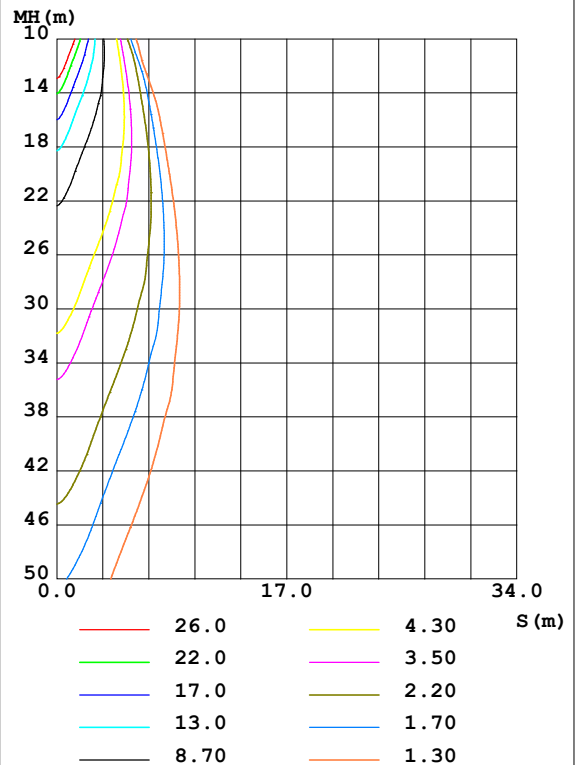
Test:U:120.5V I:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.36 lm/W			
MODEL		I _{max} (cd)	4371	S/MH (C0/180)	0.45
NOMINAL POWER (W)	12.5	LOR (%)	100.0	S/MH (C90/270)	0.42
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	1177.9	η UP, DN (C0-180)	0.0, 47.8
NOMINAL FLUX (lm)	1177.92	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.1
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	2290	2280	2402	2578	2867	2781	2685	2634	0- 10	307.7	307.7	26.1
20	932.6	974.9	1042	992.8	1125	1091	1023	1052	10- 20	470.0	777.7	66
30	214.3	190.4	228.3	269.8	336.2	319.5	290.3	283.0	20- 30	257.9	1036	87.9
40	47.81	47.78	52.30	50.73	54.36	49.32	46.93	47.69	30- 40	66.97	1103	93.6
50	24.38	25.17	25.45	24.65	24.35	23.22	22.88	24.17	40- 50	28.08	1131	96
60	17.96	18.50	18.68	18.04	17.64	16.64	16.49	17.65	50- 60	18.56	1149	97.6
70	12.46	12.94	13.14	12.57	12.27	11.32	11.18	12.24	60- 70	14.84	1164	98.8
80	6.304	6.753	7.057	6.564	6.548	5.726	5.518	6.413	70- 80	9.915	1174	99.7
90	0	0	0.0009	0	0	0	0	0	80- 90	3.147	1177	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0000	1177	99.9
110	0	0	0	0	0	0	0	0	100-110	0	1177	99.9
120	0	0	0	0	0	0	0	0	110-120	0	1177	99.9
130	0	0	0	0	0	0	0	0	120-130	0	1177	99.9
140	0.1975	0.2300	0.1720	0.1983	0.2301	0.1851	0.2620	0.1978	130-140	0.0556	1177	99.9
150	0.4783	0.4918	0.4464	0.4851	0.5171	0.4914	0.5426	0.5041	140-150	0.2198	1177	100
160	0.5935	0.5999	0.5935	0.5999	0.6255	0.6126	0.6446	0.6319	150-160	0.2620	1178	100
170	0.5617	0.5233	0.5681	0.5297	0.5996	0.6127	0.5930	0.6064	160-170	0.1714	1178	100
180	0.5297	0.5233	0.5170	0.5297	0.5361	0.5425	0.5170	0.5361	170-180	0.0521	1178	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

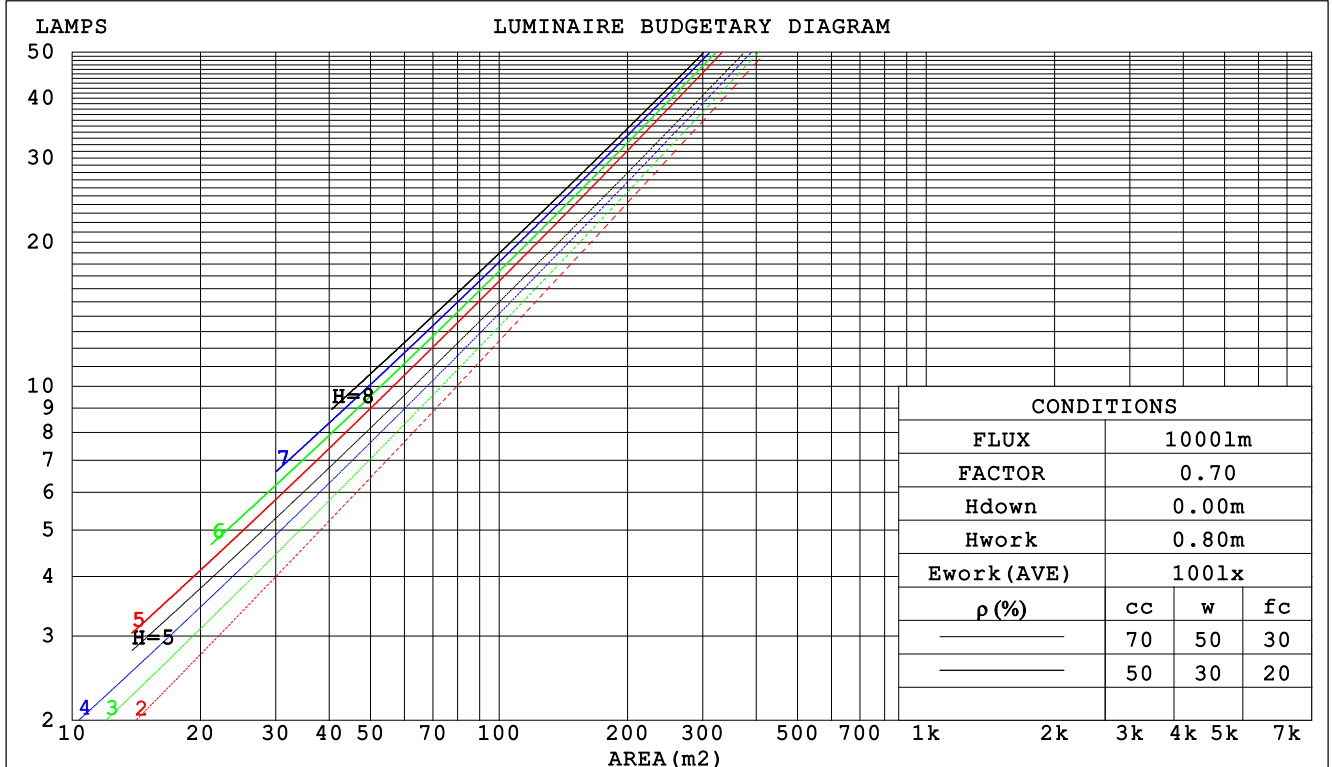
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 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	1.09	1.07	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	.93	.95	.93	.92	.90
3.0	.90	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.87	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78
6.0	.87	.82	.78	.86	.81	.78	.85	.80	.77	.83	.80	.77	.82	.79	.76	.75
7.0	.83	.78	.75	.83	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.72
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.74	.70	.67	.74	.70	.67	.73	.69	.66	.73	.69	.66	.72	.69	.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:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 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	.161	.091	.029	.154	.088	.028	.141	.081	.026	.130	.075	.024	.119	.069	.022		
2.0	.150	.082	.025	.144	.079	.024	.134	.074	.023	.124	.070	.022	.115	.065	.021		
3.0	.140	.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	.061	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016		
6.0	.116	.058	.017	.113	.057	.016	.108	.055	.016	.103	.053	.016	.098	.051	.015		
7.0	.110	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014		
8.0	.105	.051	.014	.103	.051	.014	.098	.049	.014	.094	.048	.014	.091	.046	.014		
9.0	.100	.048	.014	.098	.048	.013	.094	.047	.013	.091	.045	.013	.087	.044	.013		
10.0	.096	.046	.013	.094	.045	.013	.091	.044	.013	.087	.043	.012	.084	.042	.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	.027	.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	.022	.015	.011	.007	.005	
9.0	.091	.057	.034	.078	.050	.030	.054	.035	.021	.032	.021	.013	.010	.007	.004	
10.0	.086	.052	.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:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm										
NAME: ADL 12.5W ADR6WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 12.5W ADR6WH 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	-1.2	-0.4	-1.0	-0.2	-0.1	-0.5	0.3	-0.3	0.5	0.6
3H	0.3	1.0	0.5	1.2	1.4	0.9	1.6	1.1	1.8	2.0
4H	1.0	1.7	1.3	1.9	2.1	1.6	2.2	1.8	2.5	2.7
6H	1.6	2.3	1.9	2.5	2.8	2.2	2.8	2.5	3.1	3.3
8H	1.8	2.5	2.1	2.7	3.0	2.4	3.1	2.7	3.3	3.6
12H	2.0	2.6	2.3	2.8	3.1	2.6	3.2	2.9	3.5	3.7
4H 2H	-0.6	0.1	-0.3	0.3	0.5	-0.0	0.7	0.2	0.9	1.1
3H	1.1	1.7	1.4	2.0	2.3	1.6	2.2	1.9	2.5	2.7
4H	2.0	2.6	2.3	2.8	3.2	2.5	3.0	2.8	3.3	3.6
6H	2.7	3.2	3.1	3.6	3.9	3.2	3.7	3.6	4.1	4.4
8H	3.0	3.5	3.4	3.8	4.2	3.6	4.0	4.0	4.4	4.7
12H	3.2	3.6	3.6	4.0	4.4	3.8	4.2	4.2	4.6	5.0
8H 4H	2.4	2.8	2.8	3.2	3.5	2.8	3.2	3.1	3.6	3.9
6H	3.3	3.6	3.7	4.0	4.5	3.7	4.1	4.2	4.5	4.9
8H	3.6	4.0	4.1	4.4	4.8	4.2	4.5	4.6	4.9	5.3
12H	3.9	4.2	4.3	4.6	5.1	4.5	4.8	5.0	5.2	5.7
12H 4H	2.4	2.8	2.8	3.2	3.6	2.8	3.2	3.2	3.6	4.0
6H	3.4	3.7	3.8	4.1	4.6	3.8	4.1	4.2	4.6	5.0
8H	3.8	4.1	4.2	4.5	5.0	4.3	4.6	4.7	5.0	5.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.2				

CIE Pub.117 Corrected 1178 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:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 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	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	93	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
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:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1119 lm

%lum = 95.0%

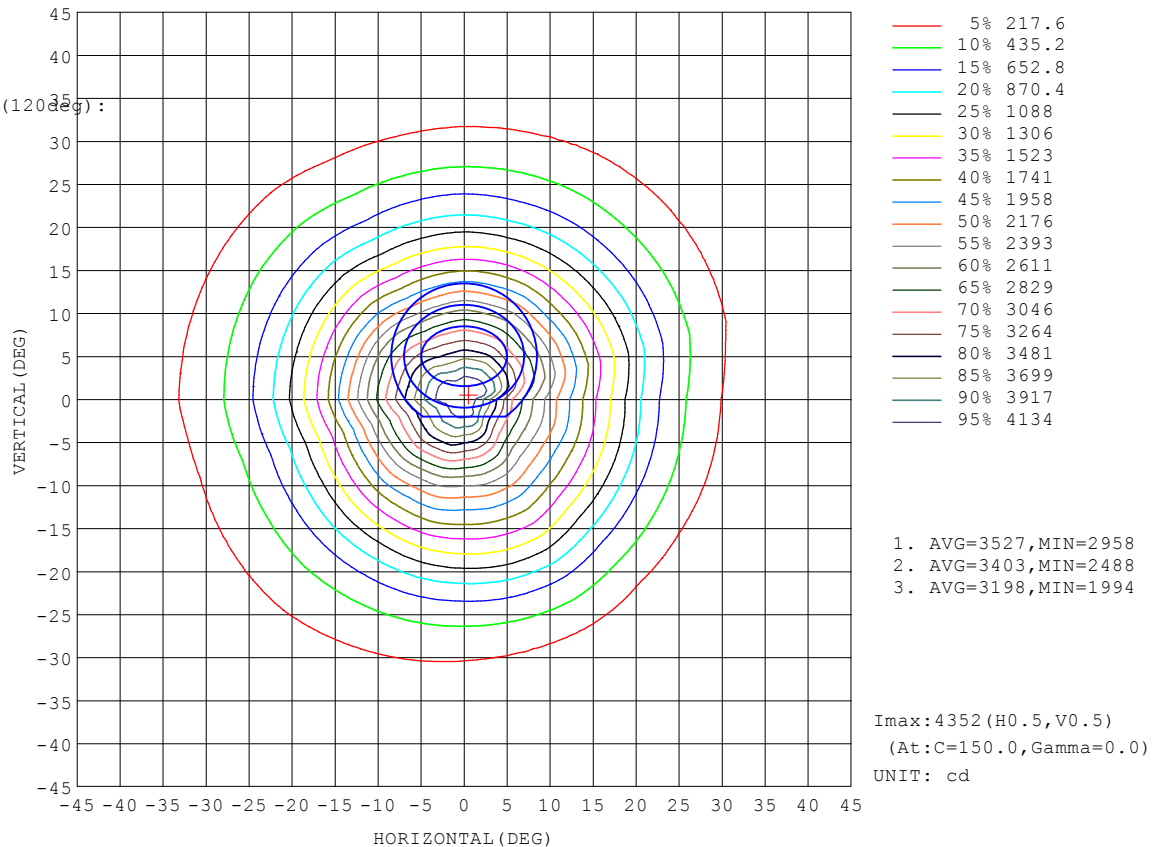
%lamp = 95.0%

Conical surface Flux(120deg):

1149.2 lm

%lum = 97.6%

%lamp = 97.6%

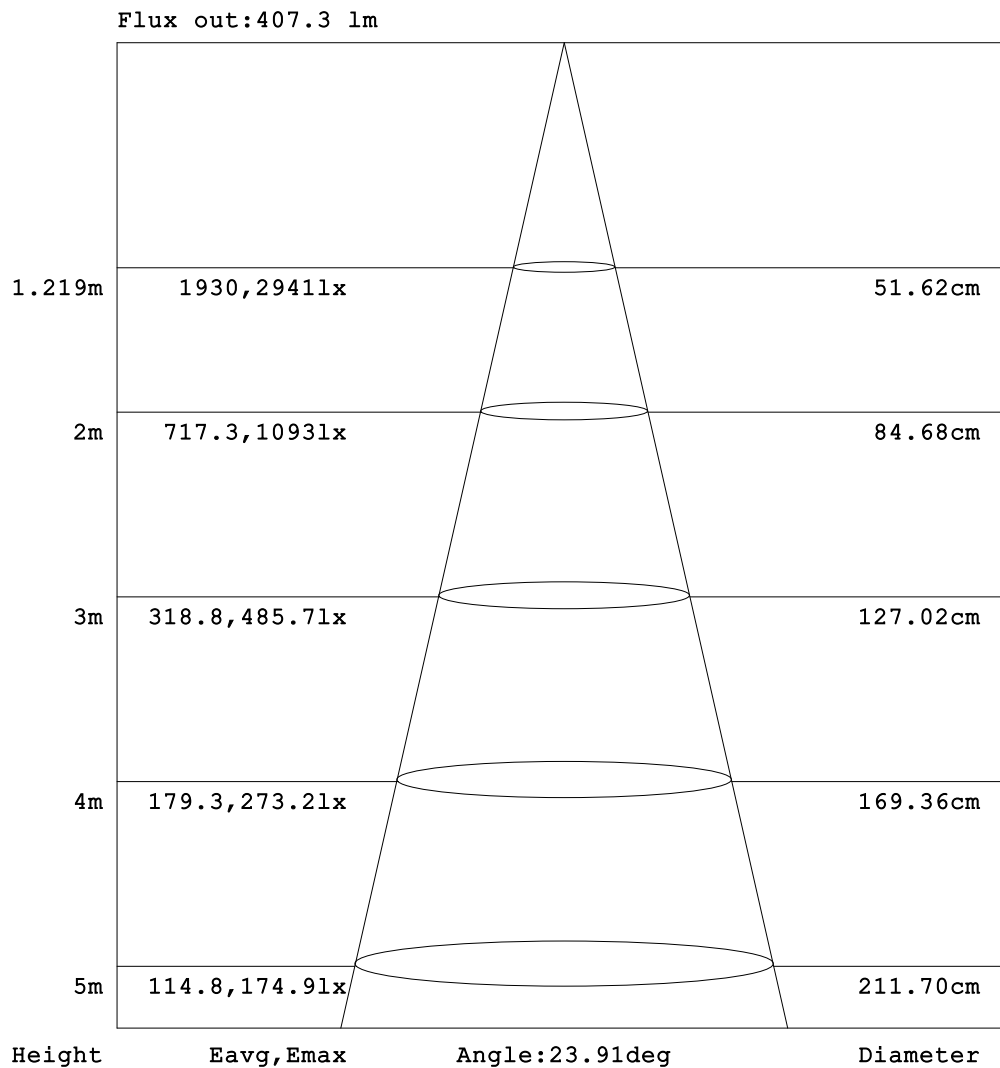


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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

AAI Figure

Test:U:120.5V I:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



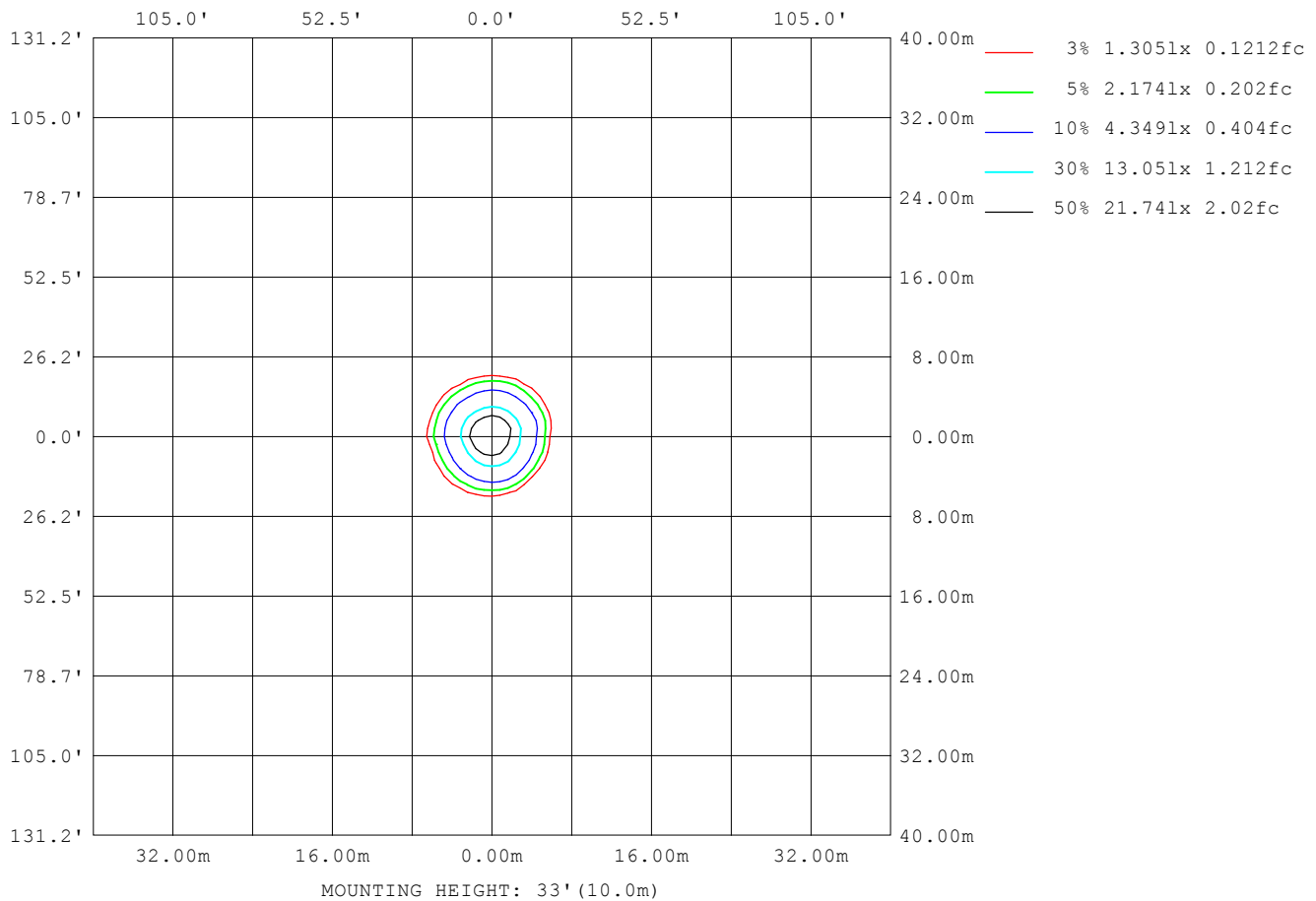
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

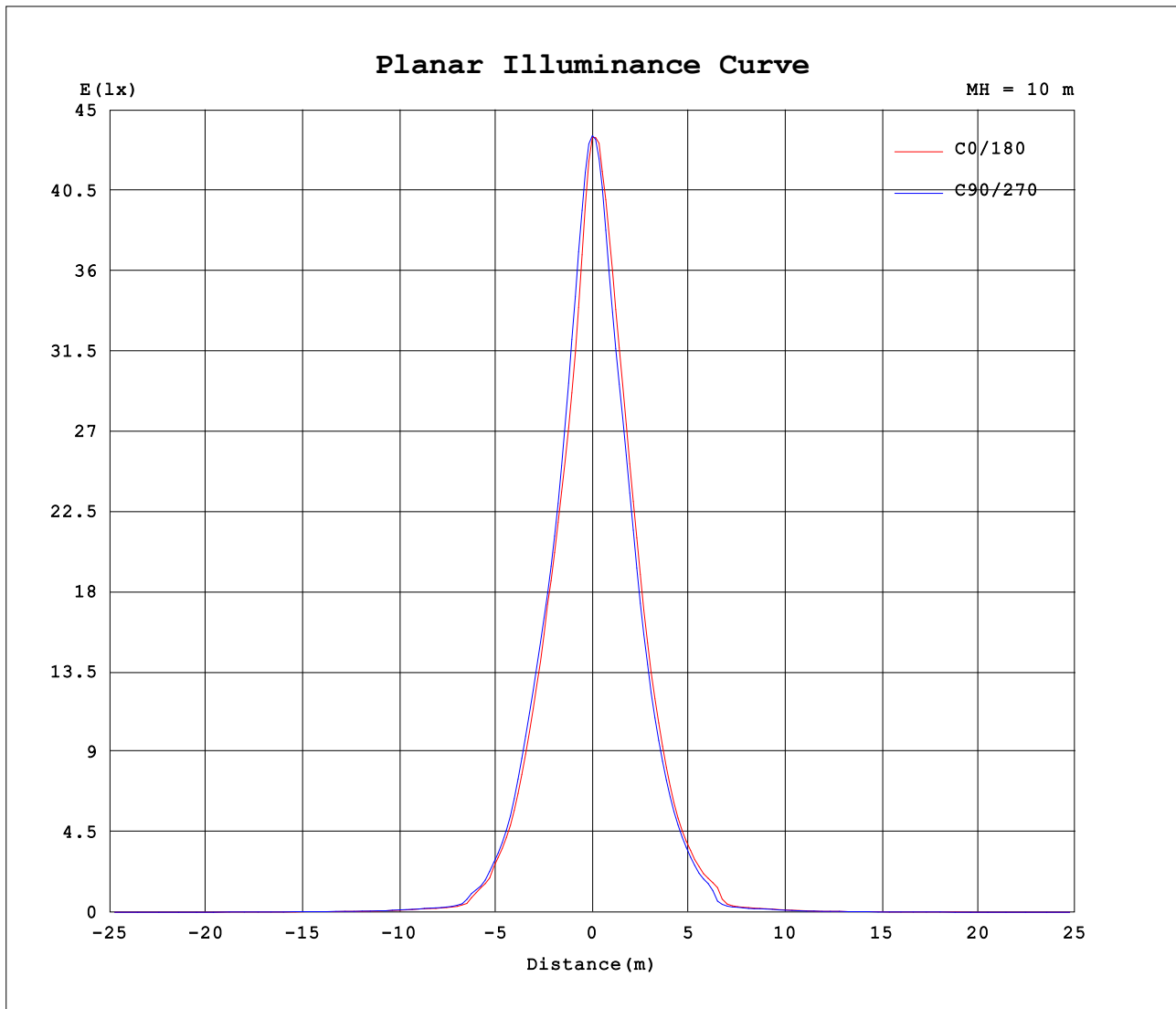
Test:U:120.5V I:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 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	4349	4352	4352	4354	4360	4358	4357	4369	4369	4371	4371	4368	4349	4352	4352	4354	4360	4358	4357
5	3177	3170	3141	3202	3399	3479	3496	3604	3607	3638	3603	3626	3852	3808	3813	3741	3613	3586	3637
10	2290	2307	2264	2280	2387	2422	2402	2475	2494	2578	2594	2630	2867	2830	2831	2781	2654	2651	2685
15	1564	1582	1584	1617	1706	1694	1685	1694	1676	1682	1658	1659	1881	1875	1849	1813	1704	1706	1729
20	933	942	947	975	1065	1065	1042	1028	996	993	968	978	1125	1116	1116	1091	1006	1009	1023
25	482	477	477	484	530	531	526	528	526	532	525	534	617	616	612	595	548	555	569
30	214	206	195	190	209	218	228	244	254	270	276	288	336	337	332	319	290	287	290
35	62.1	63.4	64.0	66.4	73.7	73.9	72.8	73.3	72.5	73.1	70.3	68.5	84.4	81.6	79.2	74.2	64.2	64.1	65.0
40	47.8	47.4	47.8	47.8	50.3	51.7	52.3	51.3	52.5	50.7	52.3	50.5	54.4	50.5	50.0	49.3	47.9	47.9	46.9
45	34.9	35.6	35.6	36.6	39.0	37.7	37.6	37.3	38.5	36.2	38.4	35.8	40.3	38.7	39.3	37.9	35.2	35.4	35.8
50	24.4	24.7	24.9	25.2	25.8	25.6	25.4	25.3	25.0	24.6	24.2	23.8	24.4	24.0	23.6	23.2	22.6	22.6	22.9
55	20.9	21.1	21.3	21.5	21.9	21.8	21.7	21.5	21.2	21.0	20.5	20.2	20.6	20.2	19.9	19.5	19.0	19.0	19.3
60	18.0	18.2	18.3	18.5	18.9	18.8	18.7	18.6	18.3	18.0	17.7	17.3	17.6	17.3	17.0	16.6	16.2	16.2	16.5
65	15.2	15.4	15.6	15.7	16.1	16.1	15.9	15.8	15.5	15.3	15.0	14.6	15.0	14.6	14.3	14.0	13.6	13.6	13.8
70	12.5	12.7	12.8	12.9	13.4	13.3	13.1	13.0	12.8	12.6	12.2	11.9	12.3	11.9	11.6	11.3	10.9	10.9	11.2
75	9.55	9.73	9.83	9.99	10.4	10.4	10.2	10.1	9.89	9.69	9.36	9.06	9.48	9.14	8.88	8.59	8.15	8.19	8.43
80	6.30	6.47	6.57	6.75	7.27	7.21	7.06	6.96	6.73	6.56	6.27	6.02	6.55	6.24	5.99	5.73	5.26	5.31	5.52
85	2.54	2.72	2.80	3.00	3.59	3.55	3.39	3.30	3.07	2.94	2.68	2.52	3.24	3.00	2.83	2.59	2.10	2.13	2.32
90	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
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	0.05	0.08	0.06	0.08	0.02	0.07	0.03	0.06	0.03	0.05	0.03	0.06	0.06	0.04	0.06	0.03	0.10	0.07	0.11
140	0.20	0.24	0.20	0.23	0.18	0.20	0.17	0.20	0.17	0.20	0.17	0.21	0.23	0.19	0.21	0.19	0.25	0.21	0.26
145	0.33	0.38	0.34	0.36	0.31	0.36	0.31	0.35	0.31	0.36	0.31	0.36	0.38	0.33	0.36	0.34	0.41	0.38	0.41
150	0.48	0.49	0.47	0.49	0.45	0.48	0.45	0.49	0.44	0.49	0.44	0.48	0.52	0.47	0.50	0.49	0.54	0.50	0.54
155	0.55	0.59	0.55	0.57	0.53	0.57	0.53	0.57	0.53	0.56	0.52	0.57	0.61	0.57	0.59	0.58	0.63	0.59	0.63
160	0.59	0.61	0.62	0.60	0.60	0.60	0.59	0.60	0.58	0.60	0.59	0.61	0.63	0.61	0.62	0.61	0.63	0.63	0.64
165	0.59	0.58	0.60	0.58	0.60	0.59	0.60	0.57	0.59	0.58	0.60	0.61	0.61	0.63	0.62	0.62	0.61	0.63	0.63
170	0.56	0.52	0.56	0.52	0.57	0.54	0.57	0.53	0.56	0.53	0.57	0.53	0.60	0.61	0.57	0.61	0.56	0.60	0.59
175	0.52	0.52	0.52	0.52	0.54	0.52	0.52	0.52	0.54	0.53	0.53	0.52	0.54	0.57	0.54	0.56	0.53	0.54	0.52
180	0.53	0.53	0.52	0.52	0.53	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.54	0.53	0.52

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:0.1200A P:12.62W PF:0.8729 Lamp Flux:1177.92x1 lm		
NAME: ADL 12.5W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 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	4369	4369	4371	4371	4368														
5	3635	3677	3657	3646	3578														
10	2657	2672	2634	2632	2570														
15	1732	1749	1729	1751	1737														
20	1017	1040	1052	1068	1066														
25	569	574	575	579	571														
30	292	294	283	277	264														
35	66.4	69.6	71.7	74.8	76.0														
40	47.0	48.1	47.7	48.3	49.3														
45	36.3	35.9	36.7	37.8	37.6														
50	23.2	23.7	24.2	24.7	25.0														
55	19.7	20.1	20.5	21.0	21.4														
60	16.8	17.2	17.6	18.1	18.4														
65	14.1	14.6	14.9	15.4	15.7														
70	11.5	11.9	12.2	12.7	13.0														
75	8.70	9.09	9.44	9.83	10.1														
80	5.76	6.12	6.41	6.77	7.01														
85	2.48	2.75	2.96	3.24	3.40														
90	0.00	0.00	0.00	0.00	0.00														
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	0.07	0.10	0.06	0.10	0.08														
140	0.21	0.26	0.20	0.24	0.22														
145	0.37	0.41	0.37	0.40	0.37														
150	0.50	0.54	0.50	0.52	0.50														
155	0.59	0.61	0.59	0.61	0.59														
160	0.64	0.63	0.63	0.63	0.64														
165	0.64	0.62	0.64	0.63	0.64														
170	0.62	0.57	0.61	0.57	0.59														
175	0.56	0.53	0.56	0.53	0.56														
180	0.53	0.53	0.54	0.53	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