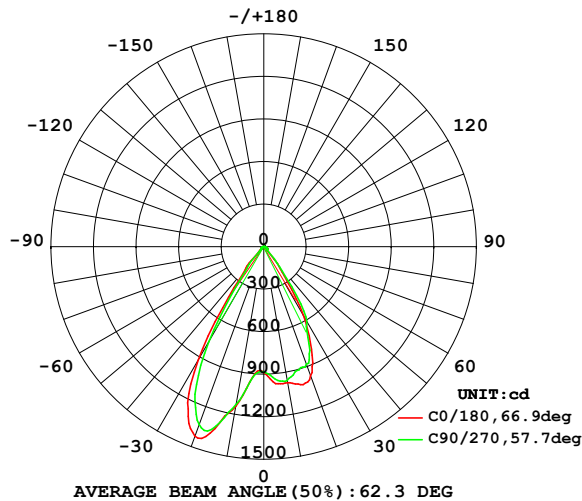


## LUMINAIRE PHOTOMETRIC TEST REPORT

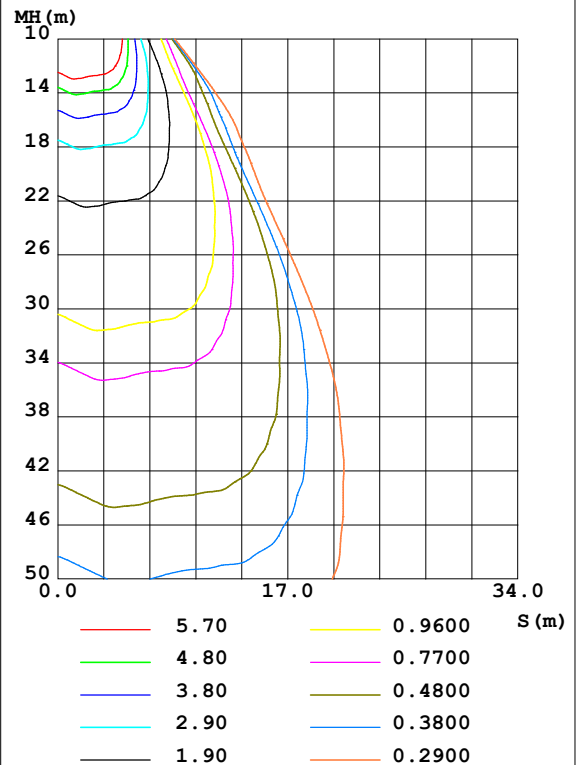
Test:U:120.5V I:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.59 lm/W			
MODEL		I <sub>max</sub> (cd)	1429	S/MH (C0/180)	1.01
NOMINAL POWER(W)	12.5	LOR(%)	100.0	S/MH (C90/270)	0.96
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	1186.3	η UP,DN (C0-180)	0.0,45.5
NOMINAL FLUX (lm)	1186.27	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,54.5
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	0.60

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum
10	974.6	898.5	957.6	1095	1142	1109	1131	1106	0- 10	93.74	93.74	7.9
20	969.0	797.1	882.1	1232	1423	1395	1333	1214	10- 20	322.5	416.2	35.1
30	561.2	571.5	604.7	773.0	926.6	913.4	778.7	608.7	20- 30	443.5	859.7	72.5
40	114.9	131.3	135.5	171.4	198.1	174.0	160.9	143.3	30- 40	228.2	1088	91.7
50	28.37	28.87	28.86	28.66	28.34	27.93	27.75	27.91	40- 50	40.24	1128	95.1
60	22.32	22.83	22.87	22.71	22.39	21.99	21.79	21.88	50- 60	22.73	1151	97
70	15.18	15.63	15.82	15.89	15.68	15.26	14.97	14.87	60- 70	18.80	1170	98.6
80	7.126	7.448	7.843	8.233	8.252	7.920	7.458	7.111	70- 80	12.24	1182	99.6
90	0	0	0	0	0.1193	0.0114	0	0	80- 90	3.733	1186	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0008	1186	99.9
110	0	0	0	0	0	0	0	0	100-110	0	1186	99.9
120	0	0	0	0	0	0	0	0	110-120	0	1186	99.9
130	0.0318	0.0640	0	0.0065	0.0001	0	0.0065	0.0255	120-130	0.0033	1186	99.9
140	0.2039	0.2554	0.1786	0.1597	0.1725	0.1147	0.1661	0.1978	130-140	0.0764	1186	100
150	0.3382	0.3959	0.3316	0.3127	0.3319	0.2872	0.3575	0.3574	140-150	0.1633	1186	100
160	0.4338	0.4722	0.4212	0.4213	0.4726	0.4402	0.4791	0.4787	150-160	0.1823	1186	100
170	0.5360	0.5684	0.5232	0.5618	0.6000	0.5871	0.6192	0.5871	160-170	0.1434	1186	100
180	0.6446	0.6446	0.6318	0.6510	0.6382	0.6446	0.6510	0.6574	170-180	0.0581	1186	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

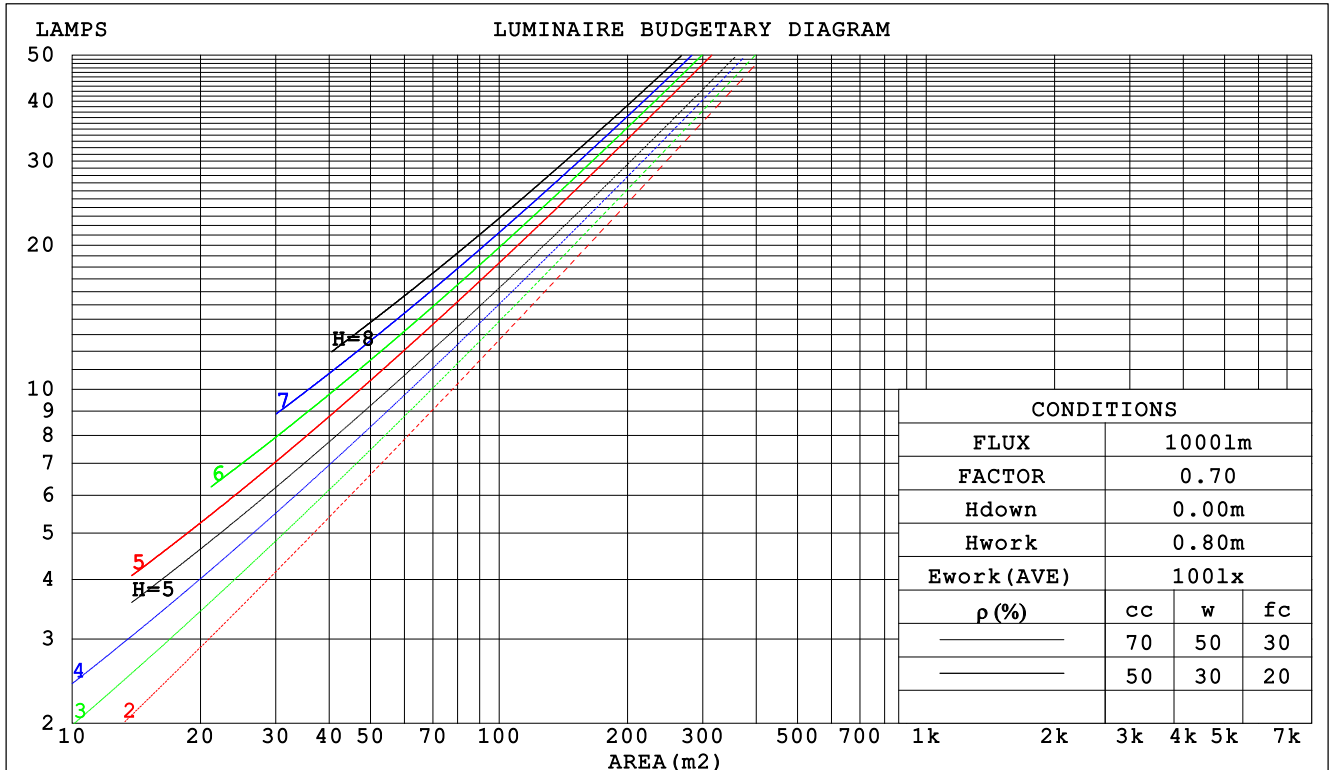
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:10.830m [K=1.0000]  
Remarks: 3500K  
TP



## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.5V I:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.10	1.07	1.05	1.08	1.06	1.03	1.04	1.02	1.00	1.00	.99	.97	.97	.95	.94	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.90	.85	.93	.89	.85	.91	.87	.83	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.83	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.83	.77	.72	.82	.76	.72	.80	.75	.71	.78	.74	.70	.77	.73	.70	.68
6.0	.77	.71	.67	.77	.71	.67	.75	.70	.66	.74	.69	.66	.72	.68	.65	.64
7.0	.73	.66	.62	.72	.66	.62	.71	.65	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.68	.62	.58	.68	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.56
9.0	.64	.58	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.59	.54	.50	.58	.54	.50	.49



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	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	.190	.108	.034	.184	.105	.033	.171	.098	.031	.159	.092	.029	.148	.086	.028		
2.0	.181	.099	.030	.175	.096	.030	.164	.091	.028	.154	.087	.027	.145	.082	.026		
3.0	.171	.091	.027	.166	.089	.027	.157	.085	.026	.148	.081	.025	.141	.078	.024		
4.0	.162	.084	.025	.158	.083	.024	.150	.079	.024	.142	.077	.023	.136	.074	.022		
5.0	.154	.078	.023	.150	.077	.022	.143	.075	.022	.137	.072	.021	.131	.070	.021		
6.0	.146	.073	.021	.143	.072	.021	.137	.070	.020	.131	.068	.020	.126	.066	.020		
7.0	.140	.069	.020	.137	.068	.019	.131	.066	.019	.126	.065	.019	.121	.063	.019		
8.0	.133	.065	.018	.131	.064	.018	.126	.063	.018	.121	.062	.018	.117	.060	.018		
9.0	.128	.062	.017	.125	.061	.017	.121	.060	.017	.117	.059	.017	.113	.057	.017		
10.0	.122	.059	.016	.120	.058	.016	.116	.057	.016	.113	.056	.016	.109	.055	.016		

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	.172	.158	.144	.148	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.133	.112	.135	.114	.097	.093	.079	.067	.053	.046	.040	.017	.015	.013	
3.0	.146	.114	.089	.125	.098	.077	.086	.068	.054	.050	.040	.032	.016	.013	.010	
4.0	.136	.099	.072	.117	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.127	.088	.059	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.079	.049	.103	.068	.043	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.042	.098	.062	.036	.067	.043	.026	.039	.026	.015	.013	.008	.005	
8.0	.108	.065	.036	.093	.056	.031	.064	.040	.022	.037	.023	.013	.012	.008	.004	
9.0	.103	.060	.031	.088	.052	.027	.061	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.098	.056	.027	.085	.048	.024	.059	.034	.017	.034	.020	.010	.011	.007	.003	

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:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm										
NAME: ADL 12.5W ADR6WH 60°					TYPE:LED			WEIGHT:		
SPEC.:ADL 12.5W ADR6WH 60°					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	3.5	4.5	3.8	4.7	4.9	4.5	5.5	4.7	5.6	5.8
3H	4.1	5.0	4.3	5.2	5.4	4.9	5.8	5.1	6.0	6.2
4H	4.4	5.2	4.7	5.5	5.7	5.1	6.0	5.4	6.2	6.5
6H	4.6	5.5	4.9	5.7	5.9	5.4	6.2	5.7	6.4	6.7
8H	4.7	5.5	5.0	5.8	6.0	5.5	6.2	5.8	6.5	6.8
12H	4.8	5.5	5.1	5.8	6.0	5.5	6.3	5.8	6.5	6.8
4H 2H	3.6	4.5	3.9	4.7	4.9	4.5	5.3	4.8	5.6	5.8
3H	4.4	5.1	4.7	5.4	5.7	5.1	5.8	5.4	6.1	6.4
4H	4.8	5.5	5.2	5.8	6.1	5.5	6.2	5.8	6.5	6.8
6H	5.2	5.8	5.6	6.2	6.5	5.9	6.4	6.2	6.8	7.1
8H	5.4	5.9	5.8	6.3	6.6	6.0	6.5	6.4	6.9	7.3
12H	5.4	5.9	5.8	6.3	6.7	6.1	6.6	6.5	7.0	7.4
8H 4H	5.0	5.5	5.4	5.9	6.3	5.6	6.1	6.0	6.5	6.9
6H	5.5	6.0	5.9	6.4	6.8	6.1	6.5	6.5	6.9	7.3
8H	5.7	6.1	6.2	6.5	7.0	6.3	6.7	6.7	7.1	7.6
12H	5.8	6.2	6.3	6.6	7.1	6.4	6.8	6.9	7.2	7.7
12H 4H	5.0	5.5	5.4	5.9	6.3	5.6	6.1	6.0	6.5	6.8
6H	5.6	6.0	6.0	6.4	6.8	6.1	6.5	6.5	6.9	7.4
8H	5.8	6.1	6.2	6.6	7.0	6.3	6.7	6.8	7.1	7.6
Variations with the observer position at spacings:										
S = 1.0H	+ 1.3 / - 1.1					+ 1.6 / - 1.1				
1.5H	+ 2.9 / - 1.1					+ 3.3 / - 1.0				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 1186 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:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	92	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	113	110	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1115.7 lm

%lum = 94.1%

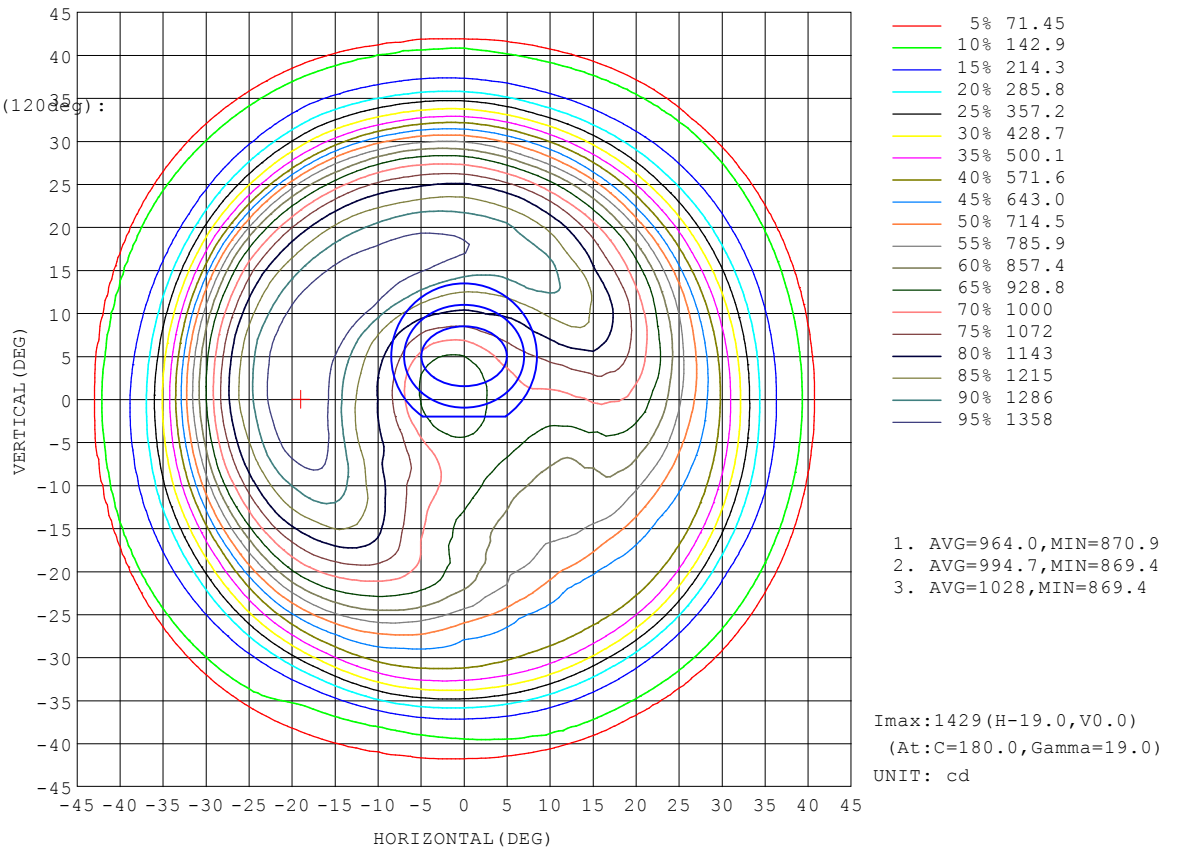
%lamp = 94.1%

Conical surface Flux(120deg):

1150.9 lm

%lum = 97.0%

%lamp = 97.0%



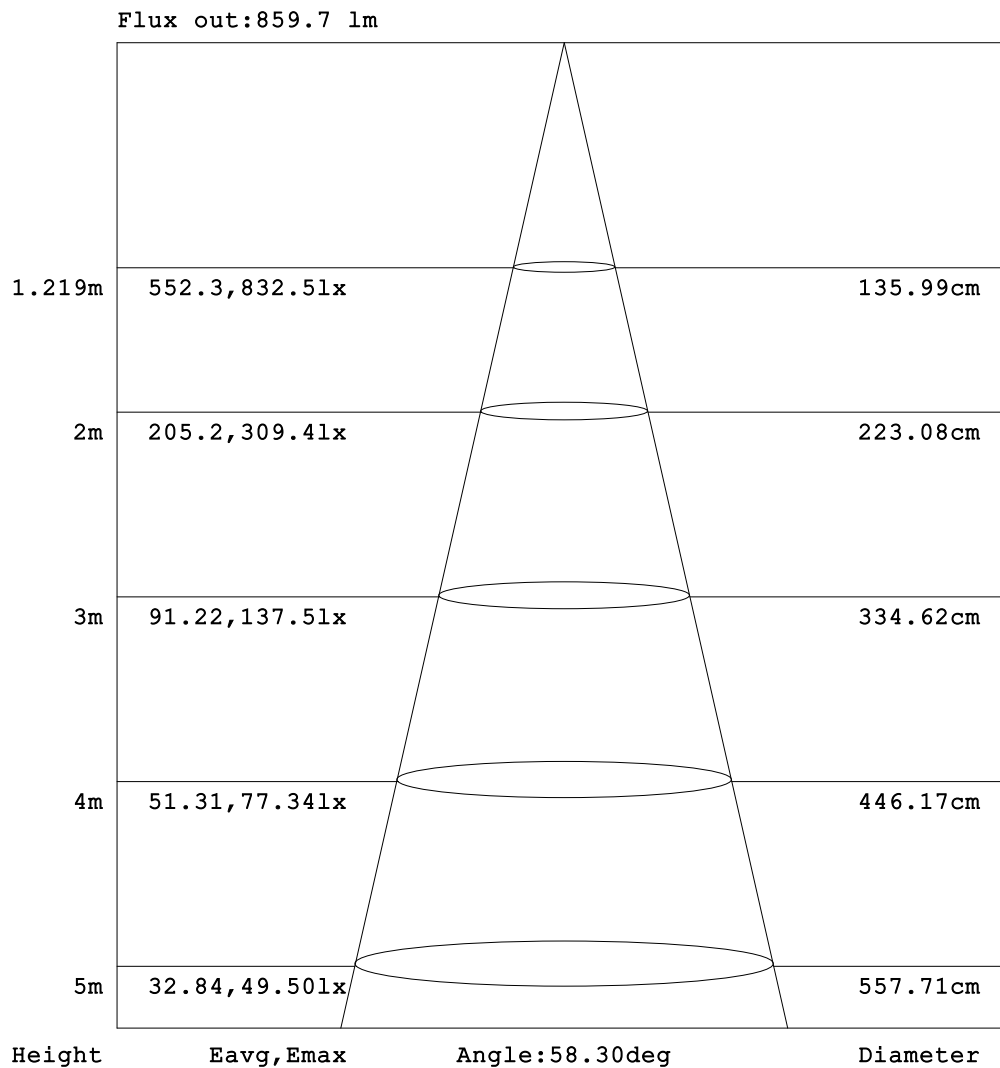
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Aaron  
Test Date:2018-05-29

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:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	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.

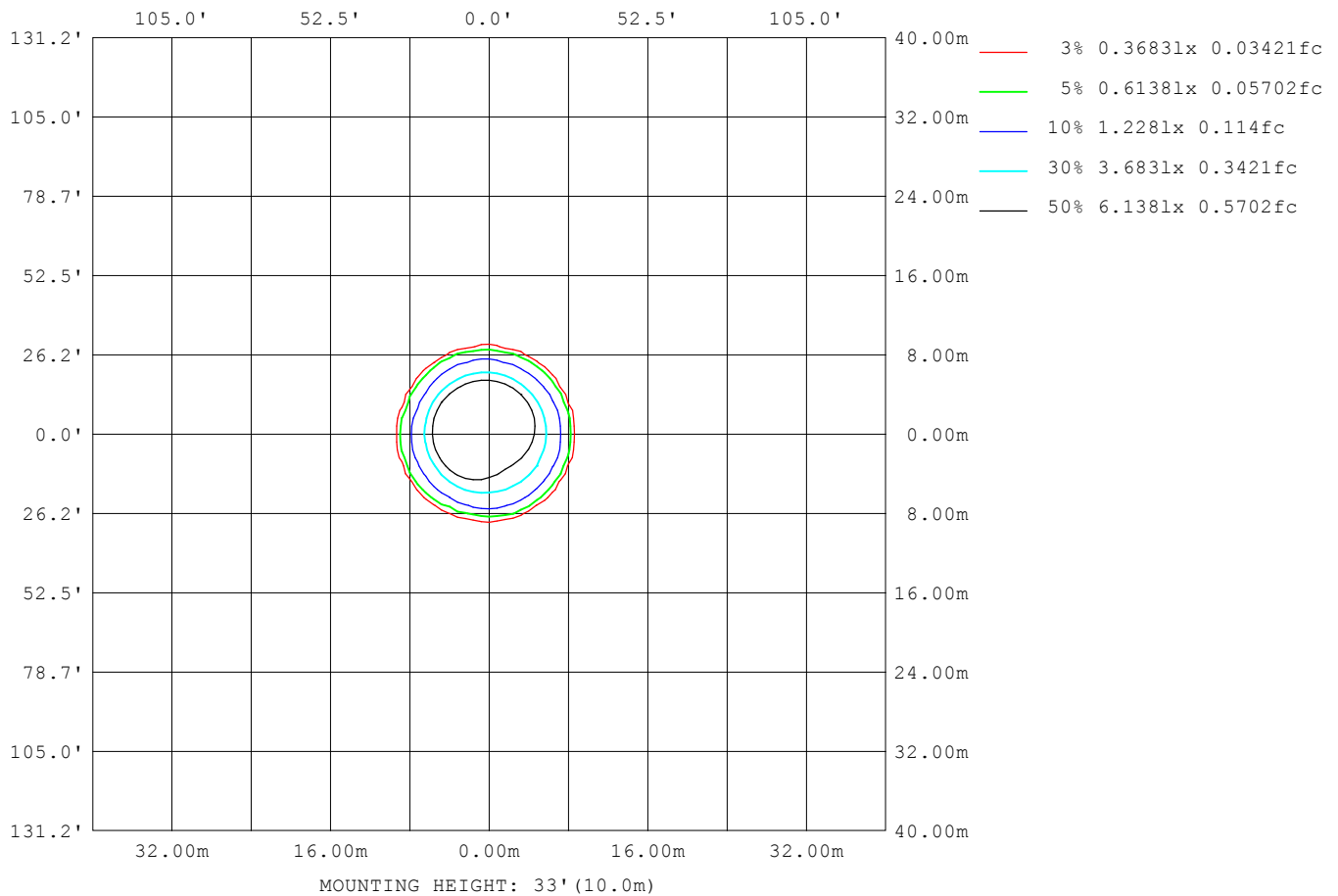
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Aaron  
Test Date:2018-05-29

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:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

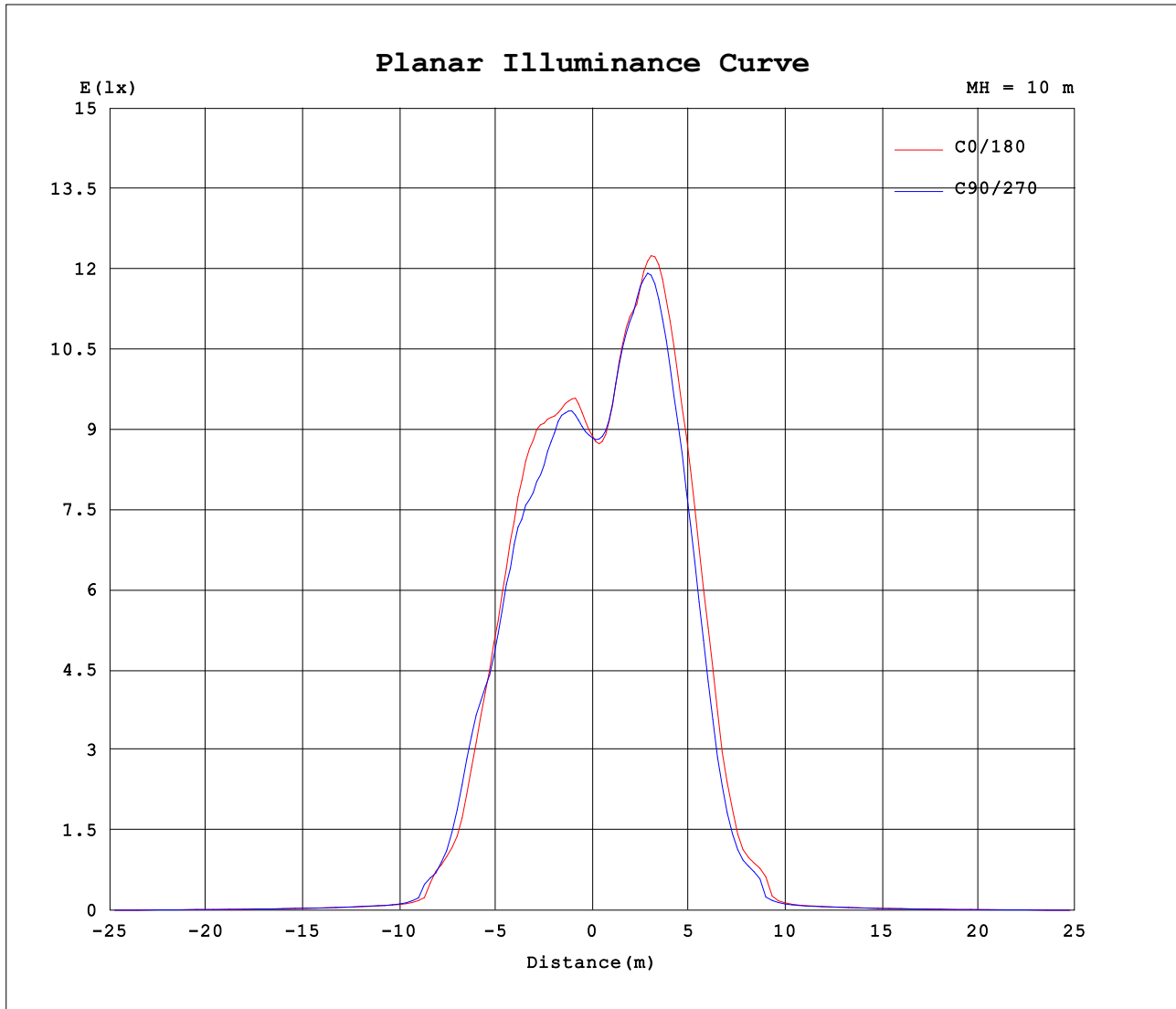


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Aaron  
Test Date:2018-05-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	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	888	887	887	886	885	884	885	884	884	885	885	885	888	887	887	886	885	884	885
5	969	963	955	947	941	938	938	938	941	937	937	930	925	916	906	903	906	916	928
10	975	935	910	899	906	924	958	997	1047	1095	1124	1134	1142	1132	1121	1109	1113	1129	1131
15	1008	927	848	811	822	855	904	981	1089	1189	1270	1308	1327	1322	1333	1358	1344	1342	1310
20	969	895	829	797	772	812	882	992	1114	1232	1325	1393	1423	1411	1414	1395	1369	1356	1333
25	797	737	680	648	638	690	756	865	961	1068	1160	1221	1264	1284	1262	1231	1201	1159	1148
30	561	564	568	572	571	581	605	635	692	773	825	891	927	957	957	913	858	825	779
35	253	263	261	278	293	320	343	367	369	396	410	434	435	429	424	401	395	361	333
40	115	119	123	131	137	143	136	126	136	171	188	200	198	179	166	174	177	170	161
45	32.2	32.4	32.7	33.0	33.3	34.0	34.5	35.5	36.6	37.8	39.4	40.7	41.0	39.7	39.4	38.4	39.0	36.7	35.0
50	28.4	28.6	28.7	28.9	28.9	28.9	28.9	28.9	28.7	28.7	28.6	28.4	28.3	28.2	28.1	27.9	27.8	27.7	27.8
55	25.4	25.6	25.8	25.9	25.9	26.0	25.9	25.9	25.8	25.8	25.7	25.5	25.4	25.3	25.2	25.1	25.0	24.8	24.8
60	22.3	22.5	22.7	22.8	22.8	22.9	22.9	22.9	22.8	22.7	22.6	22.5	22.4	22.3	22.2	22.0	21.9	21.8	21.8
65	18.9	19.1	19.2	19.4	19.5	19.6	19.5	19.6	19.5	19.5	19.4	19.3	19.2	19.0	18.9	18.7	18.7	18.5	18.5
70	15.2	15.3	15.5	15.6	15.7	15.8	15.8	15.9	15.9	15.9	15.8	15.7	15.7	15.5	15.4	15.3	15.2	15.0	15.0
75	11.3	11.4	11.5	11.7	11.7	11.9	11.9	12.1	12.1	12.1	12.1	12.0	12.0	11.9	11.8	11.6	11.5	11.3	11.3
80	7.13	7.21	7.29	7.45	7.54	7.73	7.84	8.04	8.12	8.23	8.25	8.26	8.25	8.17	8.09	7.92	7.78	7.56	7.46
85	2.52	2.57	2.59	2.77	2.88	3.16	3.31	3.60	3.74	3.98	4.05	4.14	4.17	4.09	4.03	3.83	3.70	3.42	3.28
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.12	0.08	0.06	0.01	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	0.03	0.08	0.03	0.06	0.03	0.06	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
135	0.11	0.16	0.13	0.16	0.12	0.15	0.10	0.12	0.09	0.08	0.04	0.06	0.09	0.03	0.06	0.03	0.07	0.05	0.10
140	0.20	0.24	0.20	0.26	0.20	0.24	0.18	0.20	0.14	0.16	0.11	0.13	0.17	0.11	0.16	0.11	0.15	0.12	0.17
145	0.28	0.32	0.29	0.33	0.29	0.32	0.27	0.28	0.22	0.24	0.19	0.21	0.26	0.19	0.22	0.19	0.24	0.22	0.27
150	0.34	0.38	0.36	0.40	0.36	0.39	0.33	0.36	0.29	0.31	0.27	0.27	0.33	0.28	0.30	0.29	0.34	0.29	0.36
155	0.40	0.42	0.40	0.44	0.41	0.43	0.39	0.40	0.35	0.36	0.31	0.36	0.41	0.36	0.40	0.37	0.41	0.39	0.43
160	0.43	0.46	0.43	0.47	0.43	0.48	0.42	0.44	0.41	0.42	0.38	0.42	0.47	0.43	0.48	0.44	0.49	0.47	0.48
165	0.50	0.51	0.50	0.50	0.50	0.51	0.49	0.49	0.45	0.47	0.43	0.49	0.54	0.51	0.56	0.52	0.57	0.53	0.57
170	0.54	0.57	0.54	0.57	0.54	0.58	0.52	0.56	0.51	0.56	0.52	0.56	0.60	0.58	0.61	0.59	0.62	0.59	0.62
175	0.61	0.64	0.61	0.65	0.61	0.64	0.59	0.63	0.60	0.63	0.59	0.63	0.64	0.61	0.64	0.63	0.65	0.63	0.65
180	0.64	0.64	0.63	0.64	0.65	0.65	0.63	0.64	0.64	0.65	0.64	0.64	0.64	0.63	0.64	0.64	0.65	0.64	0.65

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



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.1221A P:12.95W PF:0.8804 Lamp Flux:1186.27x1 lm		
NAME: ADL 12.5W ADR6WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	884	884	885	885	885														
5	947	960	974	979	978														
10	1137	1121	1106	1075	1033														
15	1291	1293	1262	1199	1093														
20	1301	1265	1214	1146	1067														
25	1107	1051	992	934	864														
30	713	655	609	587	571														
35	294	276	261	259	258														
40	151	148	143	130	120														
45	33.6	33.1	32.4	32.2	32.2														
50	27.7	27.8	27.9	28.1	28.2														
55	24.8	24.9	24.9	25.1	25.3														
60	21.7	21.8	21.9	22.0	22.2														
65	18.4	18.5	18.5	18.7	18.8														
70	14.9	14.9	14.9	15.0	15.1														
75	11.1	11.1	11.1	11.1	11.2														
80	7.28	7.22	7.11	7.10	7.12														
85	3.01	2.91	2.70	2.65	2.55														
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	0.04	0.03	0.10	0.08														
135	0.08	0.12	0.12	0.19	0.15														
140	0.17	0.22	0.20	0.27	0.24														
145	0.24	0.29	0.29	0.35	0.32														
150	0.32	0.38	0.36	0.41	0.38														
155	0.40	0.44	0.41	0.45	0.43														
160	0.47	0.49	0.48	0.50	0.49														
165	0.52	0.56	0.52	0.55	0.50														
170	0.59	0.61	0.59	0.61	0.57														
175	0.62	0.66	0.63	0.66	0.63														
180	0.64	0.64	0.66	0.66	0.64														

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