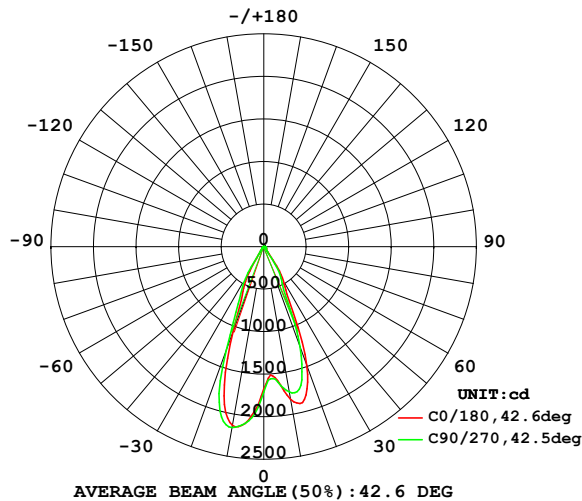


LUMINAIRE PHOTOMETRIC TEST REPORT

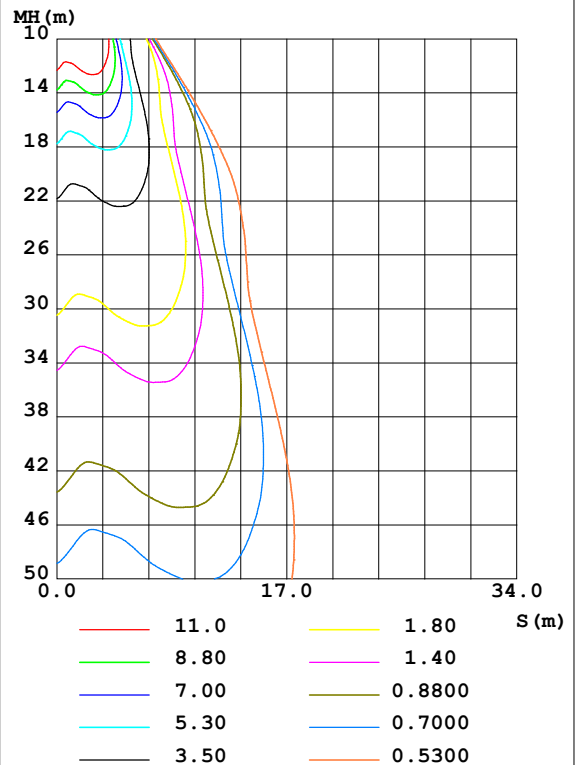
Test:U:120.5V I:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 93.60 lm/W
MODEL		I _{max} (cd)	2190	S/MH (C0/180)	0.67	
NOMINAL POWER(W)	12.5	LOR(%)	100.0	S/MH (C90/270)	0.71	
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	1156.8	η UP,DN (C0-180)	0.0,48.2	
NOMINAL FLUX(lm)	1156.82	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,51.7	
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	1818	1477	1732	2072	2132	2133	2160	2145	0- 10	177.6	177.6	15.4
20	1482	1390	1252	1120	1051	1117	1294	1483	10- 20	487.9	665.5	57.5
30	464.0	415.2	397.4	374.8	337.3	360.9	435.8	485.6	20- 30	321.4	986.9	85.3
40	61.30	59.77	56.54	46.10	37.72	36.19	43.35	58.10	30- 40	96.38	1083	93.6
50	25.85	26.21	25.58	24.51	23.17	22.49	23.20	24.55	40- 50	25.05	1108	95.8
60	19.82	20.17	19.56	18.44	17.04	16.32	17.11	18.59	50- 60	19.18	1128	97.5
70	13.97	14.26	13.66	12.58	11.19	10.49	11.30	12.78	60- 70	15.28	1143	98.8
80	7.932	8.067	7.309	6.138	4.974	4.578	5.439	6.844	70- 80	10.05	1153	99.7
90	0.6256	0.5462	0.0021	0	0	0	0	0.0032	80- 90	3.267	1156	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0080	1156	99.9
110	0	0	0	0	0	0	0	0	100-110	0	1156	99.9
120	0	0	0	0	0	0	0	0	110-120	0	1156	99.9
130	0	0	0	0.0001	0.0383	0	0.0001	0	120-130	0.0001	1156	99.9
140	0.1208	0.1789	0.1655	0.2110	0.2619	0.2105	0.2236	0.1781	130-140	0.0610	1156	99.9
150	0.3509	0.4150	0.3892	0.4469	0.5106	0.4656	0.4728	0.4212	140-150	0.1924	1156	100
160	0.5105	0.5361	0.5170	0.5361	0.5999	0.5935	0.6000	0.5871	150-160	0.2350	1157	100
170	0.5170	0.5361	0.5233	0.5361	0.5935	0.6063	0.6000	0.5872	160-170	0.1595	1157	100
180	0.5999	0.5872	0.5999	0.6063	0.5999	0.5999	0.5999	0.6063	170-180	0.0543	1157	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

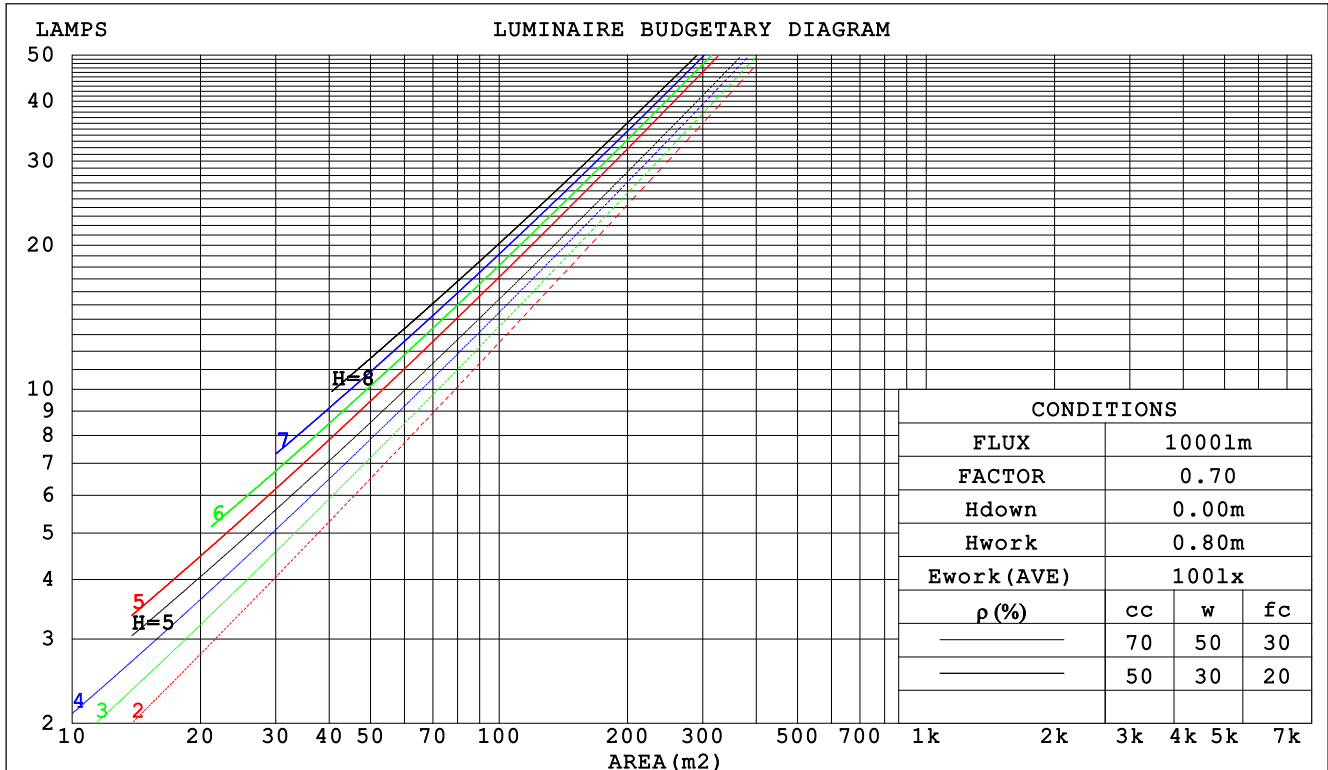
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	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	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.94	.92	.90	.88
3.0	.98	.93	.90	.97	.92	.89	.94	.91	.88	.92	.89	.86	.89	.87	.85	.83
4.0	.93	.88	.84	.92	.87	.83	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79
5.0	.88	.83	.79	.87	.82	.78	.85	.81	.78	.84	.80	.77	.82	.79	.76	.75
6.0	.83	.78	.74	.83	.78	.74	.81	.77	.73	.80	.76	.73	.79	.75	.73	.71
7.0	.79	.74	.70	.79	.74	.70	.78	.73	.70	.76	.72	.69	.75	.72	.69	.68
8.0	.76	.70	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.72	.69	.66	.65
9.0	.72	.67	.64	.72	.67	.64	.71	.67	.63	.70	.66	.63	.69	.66	.63	.62
10.0	.69	.64	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.67	.63	.60	.59



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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	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	.171	.097	.031	.164	.094	.030	.152	.087	.028	.140	.081	.026	.129	.075	.024		
2.0	.160	.088	.027	.155	.085	.026	.144	.080	.025	.134	.075	.024	.125	.071	.022		
3.0	.150	.080	.024	.146	.078	.023	.137	.074	.022	.128	.070	.022	.121	.067	.021		
4.0	.141	.074	.022	.137	.072	.021	.130	.069	.021	.123	.066	.020	.116	.063	.019		
5.0	.134	.068	.020	.130	.067	.019	.124	.064	.019	.117	.062	.018	.112	.060	.018		
6.0	.127	.064	.018	.124	.063	.018	.118	.060	.018	.113	.059	.017	.108	.057	.017		
7.0	.121	.060	.017	.118	.059	.017	.113	.057	.016	.108	.055	.016	.104	.054	.016		
8.0	.115	.056	.016	.113	.056	.016	.108	.054	.015	.104	.053	.015	.100	.051	.015		
9.0	.110	.053	.015	.108	.053	.015	.104	.051	.015	.100	.050	.014	.097	.049	.014		
10.0	.106	.051	.014	.104	.050	.014	.100	.049	.014	.097	.048	.014	.093	.047	.013		

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	.171	.158	.146	.146	.135	.126	.100	.093	.087	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.115	.099	.091	.079	.069	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.092	.122	.098	.080	.084	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.075	.112	.086	.065	.077	.060	.046	.045	.035	.027	.014	.011	.009	
5.0	.121	.087	.062	.104	.075	.054	.072	.053	.038	.042	.031	.023	.013	.010	.007	
6.0	.113	.078	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.070	.044	.092	.061	.039	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.060	.039	.024	.035	.023	.014	.011	.007	.005	
9.0	.095	.058	.033	.082	.050	.029	.057	.035	.021	.033	.021	.012	.011	.007	.004	
10.0	.090	.054	.029	.078	.047	.025	.054	.033	.018	.032	.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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm										
NAME: ADL 12.5W ADR6WH 40°					TYPE:LED			WEIGHT:		
SPEC.:ADL 12.5W ADR6WH 40°					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	2.5	3.4	2.7	3.5	3.7	1.7	2.5	1.9	2.7	2.9
3H	3.2	3.9	3.4	4.1	4.3	2.5	3.3	2.7	3.5	3.7
4H	3.6	4.3	3.8	4.5	4.7	3.0	3.7	3.2	3.9	4.1
6H	4.0	4.7	4.3	4.9	5.2	3.4	4.1	3.7	4.3	4.6
8H	4.2	4.8	4.5	5.1	5.4	3.6	4.3	3.9	4.5	4.8
12H	4.3	5.0	4.6	5.3	5.5	3.7	4.4	4.0	4.6	4.9
4H 2H	2.6	3.4	2.9	3.6	3.8	1.9	2.6	2.2	2.9	3.1
3H	3.5	4.2	3.8	4.4	4.7	3.0	3.6	3.3	3.9	4.2
4H	4.1	4.7	4.4	5.0	5.3	3.6	4.2	4.0	4.5	4.8
6H	4.7	5.2	5.1	5.6	5.9	4.2	4.8	4.6	5.1	5.5
8H	5.0	5.5	5.4	5.8	6.2	4.5	5.0	4.9	5.3	5.7
12H	5.2	5.7	5.6	6.0	6.4	4.7	5.2	5.1	5.5	5.9
8H 4H	4.3	4.8	4.7	5.2	5.5	3.9	4.4	4.3	4.7	5.1
6H	5.1	5.5	5.5	5.9	6.3	4.7	5.1	5.1	5.5	5.9
8H	5.5	5.8	5.9	6.3	6.7	5.1	5.4	5.5	5.8	6.3
12H	5.8	6.2	6.3	6.6	7.1	5.4	5.7	5.8	6.1	6.6
12H 4H	4.3	4.8	4.7	5.1	5.5	3.9	4.4	4.3	4.7	5.1
6H	5.2	5.5	5.6	5.9	6.4	4.8	5.1	5.2	5.6	6.0
8H	5.6	5.9	6.1	6.4	6.8	5.2	5.5	5.7	6.0	6.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.6 / - 0.3					+ 0.3 / - 0.2				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 1157 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.5)

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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1097.5 lm

%lum = 94.9%

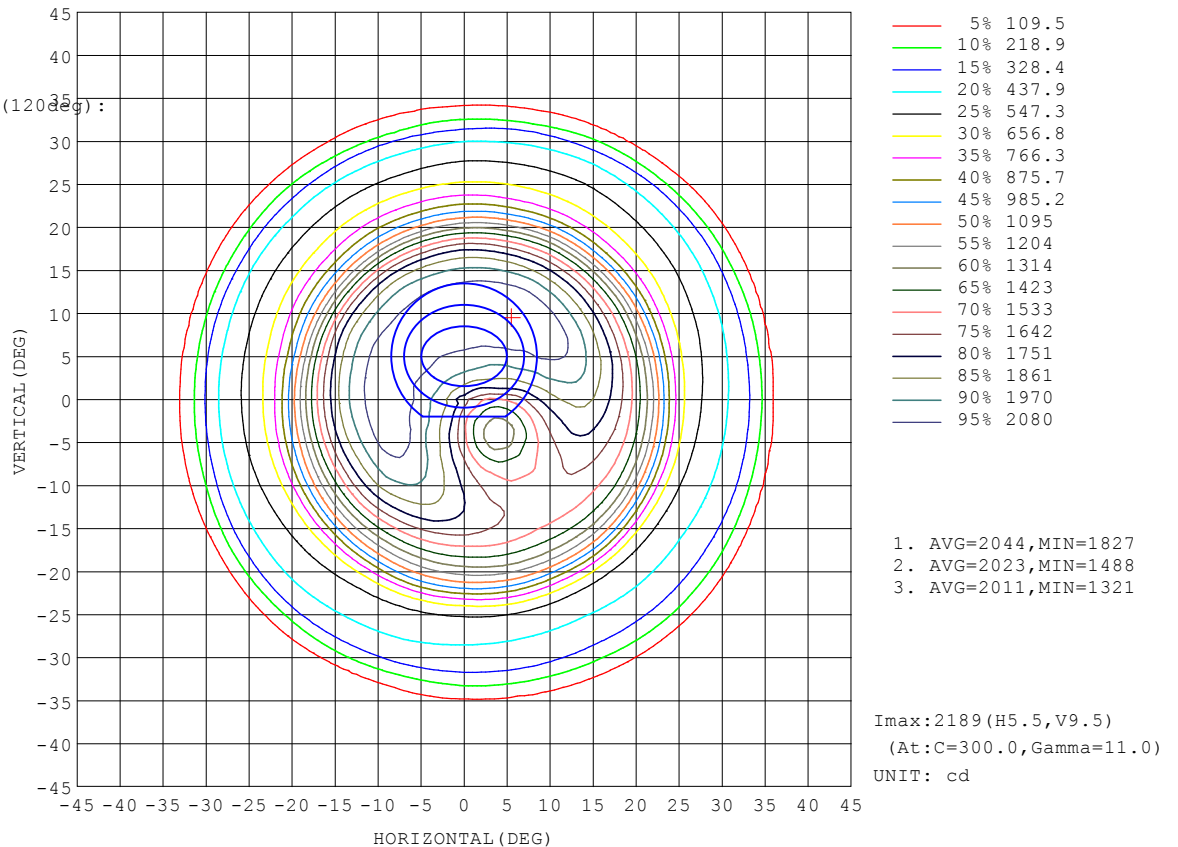
%lamp = 94.9%

Conical surface Flux(120deg):

1127.5 lm

%lum = 97.5%

%lamp = 97.5%

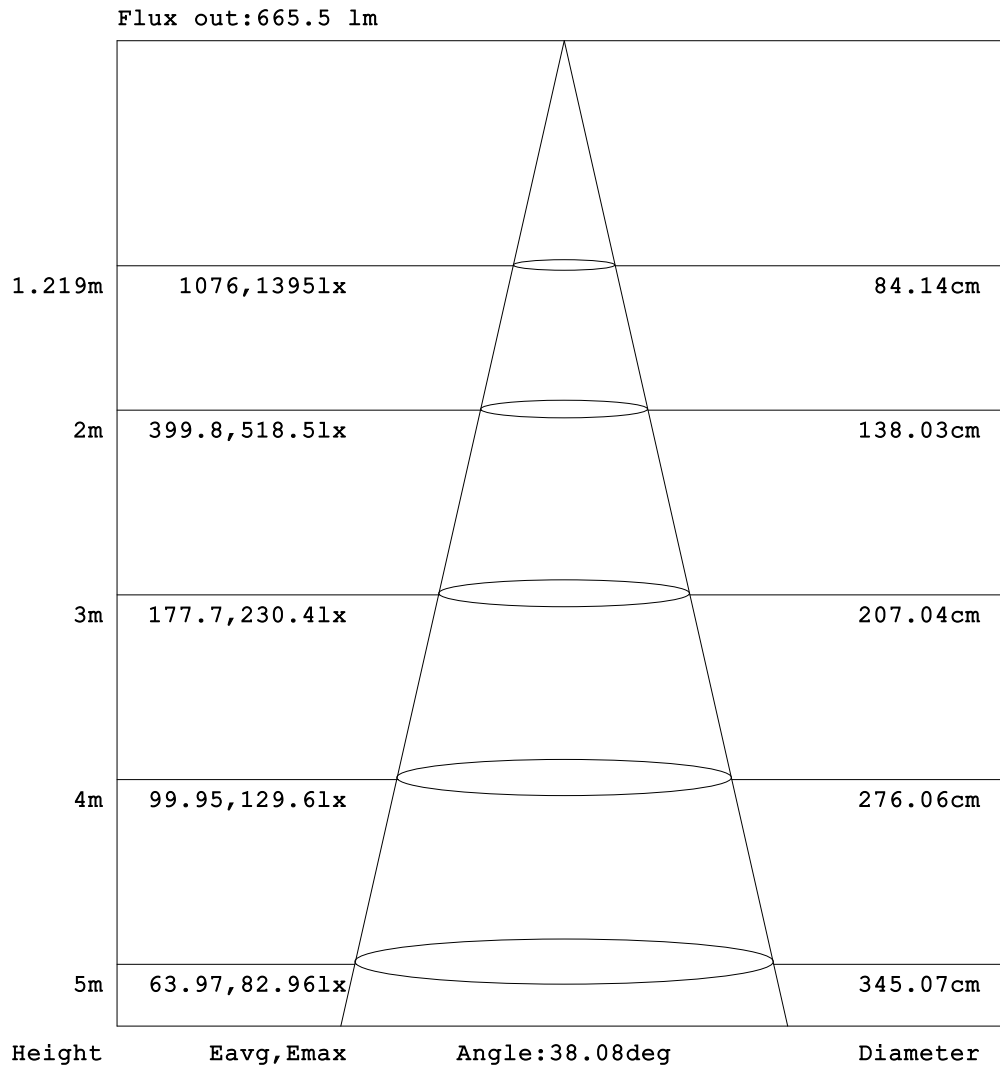


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



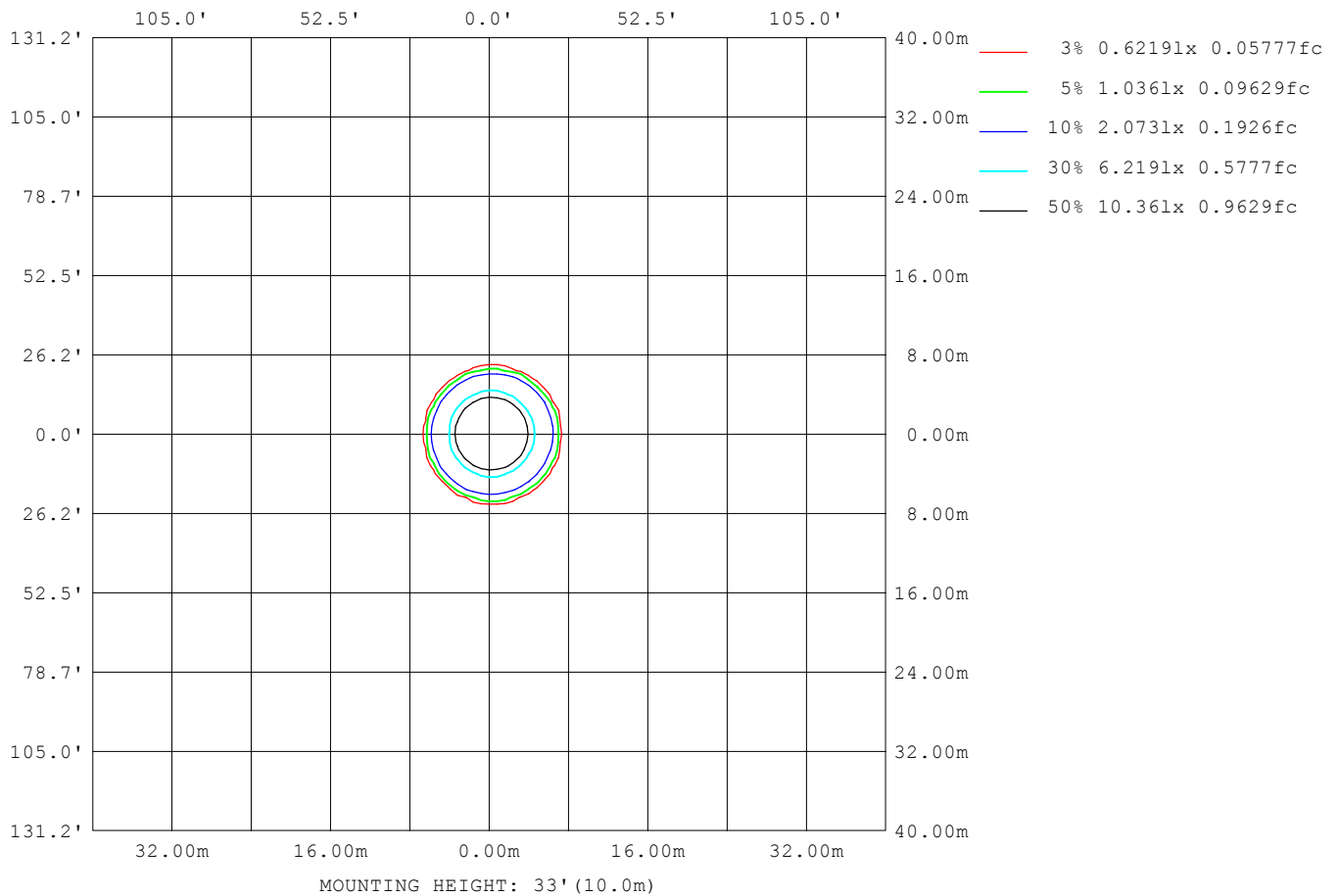
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

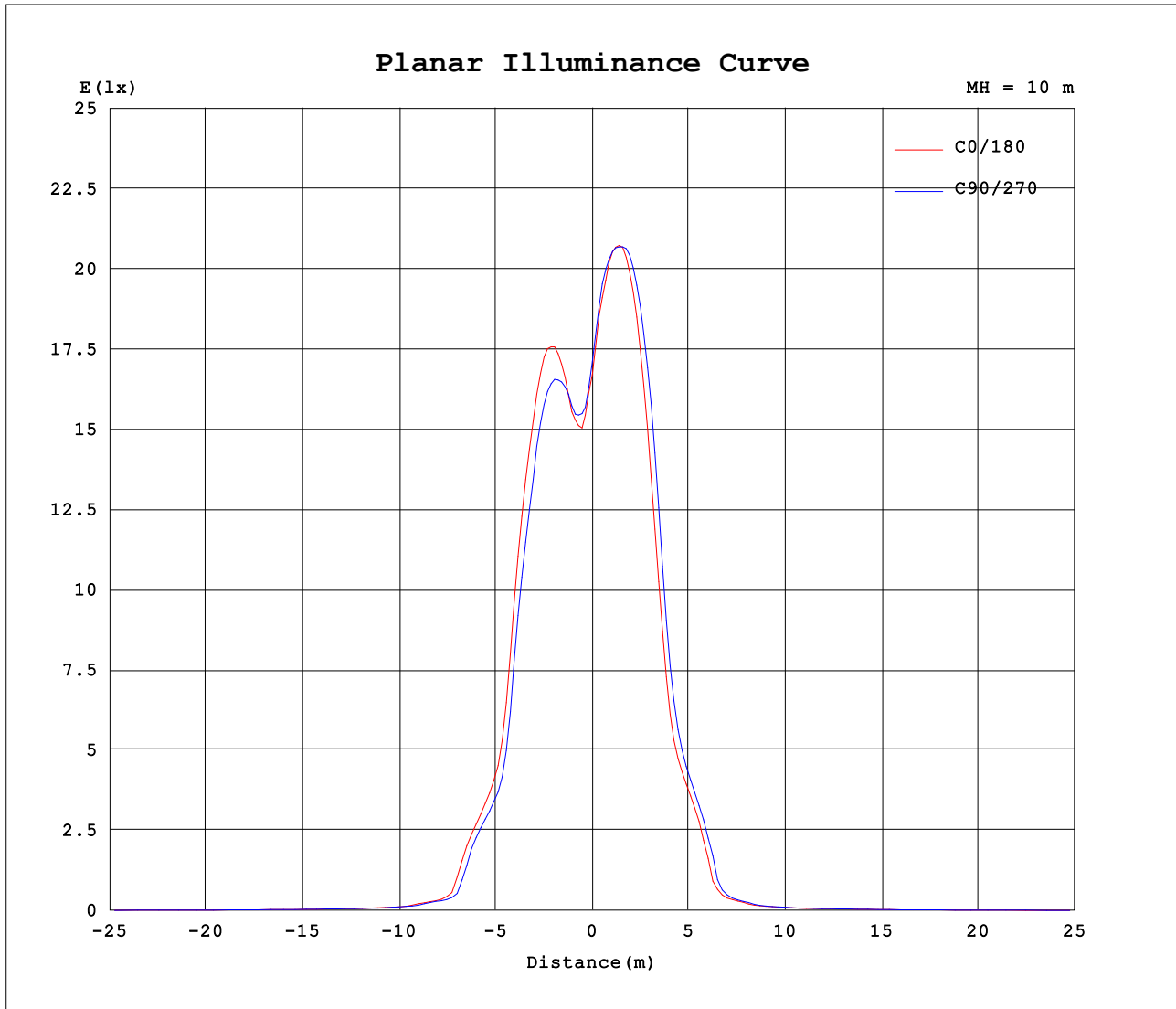
Test:U:120.5V I:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	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	1671	1679	1677	1691	1694	1708	1710	1720	1721	1725	1724	1719	1671	1679	1677	1691	1694	1708	1710
5	1547	1395	1288	1252	1292	1412	1565	1706	1833	1922	1990	2026	2043	2048	2065	2070	2059	2059	2053
10	1818	1661	1534	1477	1502	1601	1732	1876	1997	2072	2123	2135	2132	2144	2134	2133	2138	2141	2160
15	1859	1752	1660	1610	1606	1643	1688	1722	1743	1768	1771	1791	1815	1845	1895	1913	1953	1962	1995
20	1482	1461	1433	1390	1334	1304	1252	1213	1155	1120	1090	1062	1051	1038	1080	1117	1167	1222	1294
25	713	709	674	647	609	585	560	552	545	554	563	576	581	588	603	615	635	649	670
30	464	449	427	415	399	395	397	392	384	375	370	342	337	350	341	361	376	404	436
35	190	167	173	133	121	112	97.7	87.9	79.5	76.3	73.2	72.6	71.3	70.7	71.4	72.4	76.1	80.3	88.2
40	61.3	60.9	59.9	59.8	58.7	58.1	56.5	54.5	49.8	46.1	42.2	39.1	37.7	36.3	36.2	36.2	38.0	39.5	43.4
45	33.3	33.7	34.0	34.3	34.4	34.0	33.1	32.3	30.9	29.7	28.1	27.2	26.7	26.2	26.2	26.1	26.6	27.3	28.7
50	25.9	26.1	26.2	26.2	26.0	25.8	25.6	25.3	24.9	24.5	24.0	23.5	23.2	22.8	22.6	22.5	22.6	22.8	23.2
55	22.9	23.1	23.2	23.3	23.2	23.0	22.7	22.3	21.9	21.5	20.9	20.4	20.1	19.7	19.5	19.4	19.6	19.8	20.2
60	19.8	20.1	20.1	20.2	20.0	19.9	19.6	19.3	18.8	18.4	17.9	17.4	17.0	16.7	16.5	16.3	16.5	16.7	17.1
65	16.8	17.0	17.1	17.2	17.0	16.9	16.6	16.3	15.9	15.5	15.0	14.5	14.1	13.7	13.5	13.4	13.5	13.7	14.2
70	14.0	14.2	14.2	14.3	14.1	14.0	13.7	13.4	12.9	12.6	12.1	11.6	11.2	10.8	10.6	10.5	10.6	10.9	11.3
75	11.0	11.2	11.2	11.3	11.1	10.9	10.6	10.3	9.87	9.51	9.00	8.52	8.18	7.83	7.68	7.58	7.72	7.97	8.39
80	7.93	8.07	8.06	8.07	7.87	7.65	7.31	6.97	6.51	6.14	5.64	5.22	4.97	4.71	4.63	4.58	4.76	5.01	5.44
85	4.45	4.58	4.52	4.48	4.23	3.97	3.56	3.19	2.72	2.38	1.93	1.63	1.47	1.33	1.36	1.39	1.61	1.86	2.25
90	0.63	0.73	0.61	0.55	0.19	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	0.04	0.00	0.01	0.00	0.01	0.00	0.00
135	0.01	0.06	0.01	0.07	0.03	0.06	0.06	0.09	0.07	0.11	0.08	0.10	0.15	0.09	0.12	0.09	0.11	0.08	0.10
140	0.12	0.17	0.14	0.18	0.14	0.19	0.17	0.22	0.19	0.21	0.17	0.20	0.26	0.22	0.25	0.21	0.24	0.18	0.22
145	0.23	0.28	0.26	0.31	0.27	0.30	0.28	0.32	0.29	0.33	0.30	0.33	0.39	0.33	0.38	0.34	0.36	0.31	0.34
150	0.35	0.40	0.36	0.42	0.38	0.43	0.39	0.42	0.40	0.45	0.40	0.44	0.51	0.47	0.50	0.47	0.49	0.43	0.47
155	0.45	0.49	0.46	0.50	0.48	0.51	0.50	0.52	0.49	0.52	0.51	0.52	0.60	0.54	0.57	0.55	0.58	0.53	0.57
160	0.51	0.54	0.50	0.54	0.52	0.54	0.52	0.54	0.52	0.54	0.52	0.54	0.60	0.59	0.60	0.59	0.60	0.59	0.60
165	0.52	0.54	0.52	0.54	0.52	0.54	0.52	0.54	0.52	0.54	0.52	0.55	0.59	0.59	0.60	0.61	0.60	0.60	0.59
170	0.52	0.55	0.52	0.54	0.52	0.54	0.52	0.54	0.52	0.54	0.52	0.56	0.59	0.59	0.60	0.61	0.59	0.60	0.60
175	0.52	0.56	0.52	0.57	0.54	0.56	0.53	0.57	0.53	0.57	0.55	0.57	0.59	0.59	0.60	0.60	0.59	0.59	0.61
180	0.60	0.59	0.60	0.59	0.59	0.60	0.60	0.61	0.60	0.61	0.61	0.60	0.60	0.59	0.59	0.60	0.61	0.59	0.60

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:0.1178A P:12.36W PF:0.8704 Lamp Flux:1156.82x1 lm		
NAME: ADL 12.5W ADR6WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR6WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1720	1721	1725	1724	1719														
5	2040	1997	1938	1868	1767														
10	2169	2171	2145	2094	1981														
15	2018	2053	2037	2021	1954														
20	1356	1441	1483	1511	1503														
25	684	705	713	729	723														
30	460	481	486	491	483														
35	96.9	106	117	142	185														
40	48.8	55.3	58.1	60.9	61.9														
45	29.9	31.1	31.7	32.3	32.7														
50	23.6	24.1	24.5	25.1	25.6														
55	20.6	21.2	21.7	22.2	22.7														
60	17.6	18.1	18.6	19.2	19.6														
65	14.6	15.2	15.6	16.2	16.6														
70	11.7	12.3	12.8	13.3	13.8														
75	8.84	9.41	9.88	10.4	10.8														
80	5.87	6.41	6.84	7.36	7.74														
85	2.62	3.11	3.48	3.96	4.29														
90	0.00	0.00	0.00	0.26	0.51														
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	0.06	0.10	0.06	0.08	0.06														
140	0.17	0.21	0.18	0.21	0.17														
145	0.29	0.32	0.29	0.31	0.29														
150	0.42	0.45	0.42	0.45	0.40														
155	0.54	0.54	0.52	0.54	0.50														
160	0.61	0.61	0.59	0.59	0.57														
165	0.61	0.59	0.59	0.57	0.59														
170	0.61	0.59	0.59	0.57	0.58														
175	0.59	0.59	0.59	0.58	0.57														
180	0.60	0.60	0.61	0.61	0.59														

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