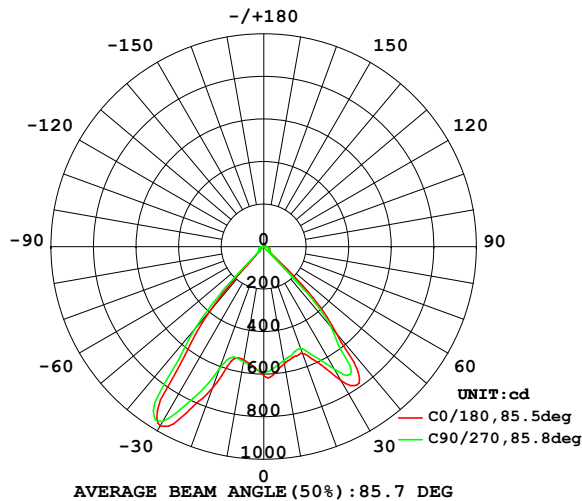


LUMINAIRE PHOTOMETRIC TEST REPORT

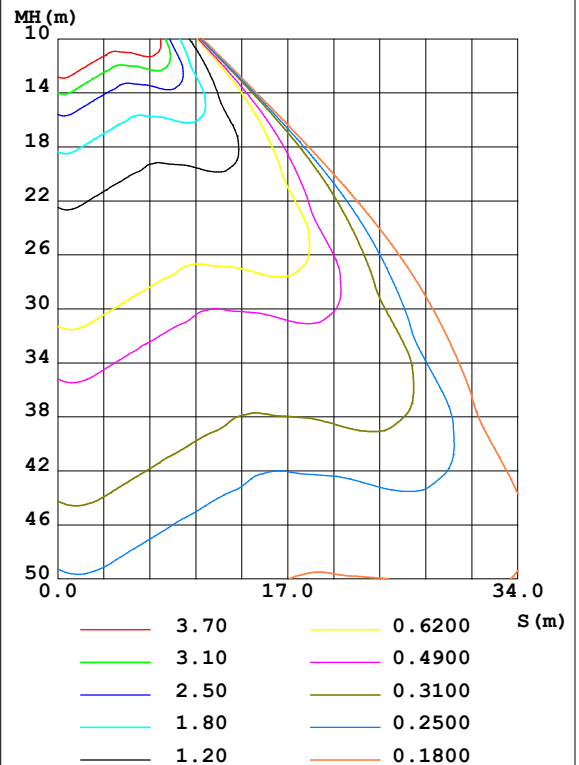
Test:U:120.5V I:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.30 lm/W			
MODEL		I _{max} (cd)	985.7	S/MH (C0/180)	1.22
NOMINAL POWER(W)	12.5	LOR(%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	1202.2	η UP,DN (C0-180)	0.0,46.6
NOMINAL FLUX(lm)	1202.18	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,53.4
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	0.75

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	559.4	553.2	544.0	538.0	542.0	545.1	549.0	559.1	0- 10	54.17	54.17	4.51
20	535.4	504.9	509.0	694.2	706.4	660.8	612.3	546.9	10- 20	157.5	211.6	17.6
30	727.3	569.9	664.2	885.9	973.0	968.7	948.9	872.5	20- 30	332.3	543.9	45.2
40	532.5	529.9	489.2	338.5	389.6	440.3	503.5	561.5	30- 40	445.7	989.6	82.3
50	35.15	34.65	33.32	31.49	31.22	31.48	32.80	34.89	40- 50	131.3	1121	93.2
60	30.19	29.62	28.24	26.36	26.10	26.41	27.81	29.99	50- 60	27.42	1148	95.5
70	24.68	24.02	22.49	20.34	20.16	20.56	22.16	24.62	60- 70	25.12	1173	97.6
80	17.02	16.30	14.59	11.50	11.58	12.17	14.15	17.22	70- 80	19.71	1193	99.2
90	2.745	2.158	0.0238	0	0	0	0	3.124	80- 90	8.390	1202	99.9
100	0	0	0	0	0	0	0	0	90-100	0.1125	1202	100
110	0	0	0	0	0	0	0	0	100-110	0	1202	100
120	0	0	0	0	0	0	0	0	110-120	0	1202	100
130	0.0190	0.0641	0.0382	0.0895	0.0894	0.0317	0.0511	0.0190	120-130	0.0119	1202	100
140	0.1276	0.1788	0.1659	0.1851	0.1918	0.1338	0.1596	0.1402	130-140	0.0860	1202	100
150	0.2106	0.2681	0.2488	0.2489	0.2681	0.2169	0.2490	0.2107	140-150	0.1282	1202	100
160	0.2869	0.3256	0.3063	0.3510	0.3640	0.3190	0.3447	0.2808	150-160	0.1254	1202	100
170	0.4275	0.4914	0.4913	0.5362	0.5299	0.4914	0.5107	0.4466	160-170	0.1117	1202	100
180	0.5680	0.5616	0.5616	0.5616	0.5680	0.5680	0.5680	0.5680	170-180	0.0505	1202	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

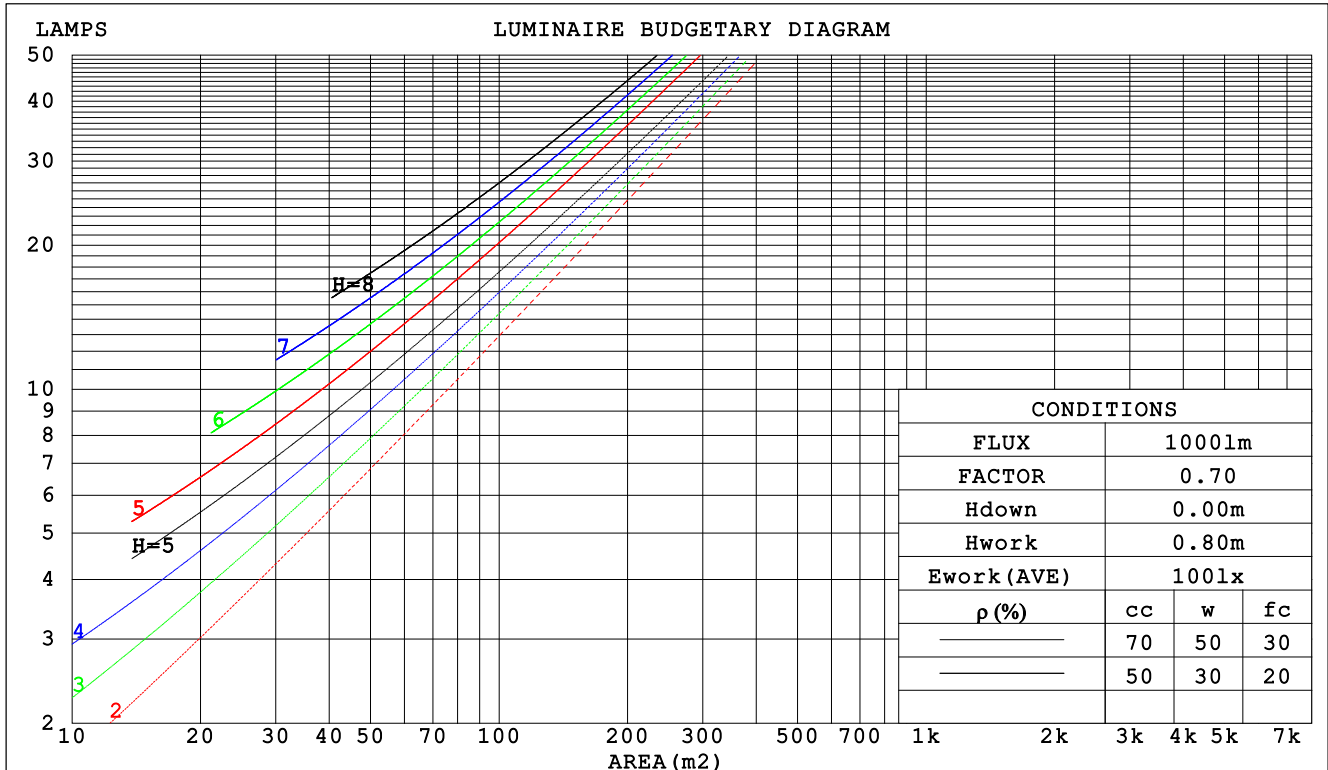
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	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	1.09	1.05	1.03	1.06	1.04	1.01	1.02	.00	.98	.98	.97	.95	.95	.94	.92	.90
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.85	.83	.81
3.0	.90	.84	.79	.89	.83	.79	.86	.81	.77	.84	.80	.76	.81	.78	.75	.73
4.0	.83	.76	.71	.81	.75	.70	.79	.74	.69	.77	.72	.69	.75	.71	.68	.66
5.0	.76	.69	.64	.75	.68	.63	.73	.67	.63	.71	.66	.62	.69	.65	.61	.60
6.0	.70	.62	.57	.69	.62	.57	.67	.61	.57	.66	.60	.56	.64	.59	.56	.54
7.0	.64	.57	.52	.63	.57	.52	.62	.56	.51	.61	.55	.51	.60	.55	.51	.49
8.0	.59	.52	.47	.59	.52	.47	.57	.51	.47	.56	.51	.47	.55	.50	.46	.45
9.0	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41
10.0	.51	.44	.40	.50	.44	.39	.50	.43	.39	.49	.43	.39	.48	.43	.39	.37



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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	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	.220	.125	.040	.213	.122	.039	.201	.115	.037	.189	.109	.035	.178	.103	.033		
2.0	.210	.115	.035	.205	.113	.035	.194	.108	.033	.184	.103	.032	.174	.098	.031		
3.0	.200	.106	.032	.195	.104	.031	.185	.100	.031	.176	.097	.030	.168	.093	.029		
4.0	.190	.099	.029	.185	.097	.029	.177	.094	.028	.169	.091	.027	.162	.088	.027		
5.0	.180	.092	.027	.176	.090	.026	.169	.088	.026	.162	.085	.025	.155	.083	.025		
6.0	.171	.086	.025	.168	.085	.024	.161	.083	.024	.155	.081	.024	.149	.079	.023		
7.0	.163	.080	.023	.160	.080	.023	.154	.078	.022	.148	.076	.022	.143	.074	.022		
8.0	.155	.076	.021	.152	.075	.021	.147	.074	.021	.142	.072	.021	.138	.071	.021		
9.0	.148	.072	.020	.146	.071	.020	.141	.070	.020	.136	.068	.020	.132	.067	.019		
10.0	.141	.068	.019	.139	.067	.019	.135	.066	.019	.131	.065	.018	.127	.064	.018		

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	.175	.157	.142	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.162	.133	.108	.139	.114	.094	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.151	.114	.085	.130	.099	.073	.089	.068	.051	.051	.040	.030	.017	.013	.010	
4.0	.143	.100	.068	.122	.086	.059	.084	.060	.041	.049	.035	.024	.016	.011	.008	
5.0	.135	.089	.055	.116	.077	.048	.080	.054	.034	.046	.032	.020	.015	.010	.007	
6.0	.128	.080	.046	.110	.069	.040	.076	.049	.028	.044	.029	.017	.014	.009	.006	
7.0	.122	.073	.039	.105	.063	.034	.073	.044	.024	.042	.026	.014	.014	.009	.005	
8.0	.117	.067	.033	.101	.058	.029	.070	.041	.020	.040	.024	.012	.013	.008	.004	
9.0	.112	.062	.029	.096	.054	.025	.067	.038	.018	.039	.022	.011	.013	.007	.004	
10.0	.107	.058	.025	.092	.050	.022	.064	.035	.016	.037	.021	.009	.012	.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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm											
NAME: ADL 12.5W ADR9.5WH 80°						TYPE:LED		WEIGHT:			
SPEC.:ADL 12.5W ADR9.5WH 80°						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	2H	10.7	11.9	10.9	12.0	12.2	10.4	11.5	10.6	11.7	11.9
	3H	10.7	11.8	11.0	12.0	12.2	10.4	11.5	10.7	11.7	11.9
	4H	10.8	11.8	11.1	12.1	12.3	10.5	11.5	10.8	11.7	12.0
	6H	11.0	11.9	11.3	12.2	12.4	10.6	11.5	10.9	11.8	12.1
	8H	11.1	12.0	11.4	12.3	12.5	10.7	11.6	11.0	11.8	12.1
	12H	11.2	12.1	11.5	12.3	12.6	10.7	11.6	11.1	11.9	12.2
4H	2H	10.5	11.5	10.8	11.7	12.0	10.2	11.2	10.5	11.4	11.6
	3H	10.6	11.5	11.0	11.8	12.1	10.3	11.2	10.6	11.5	11.7
	4H	10.8	11.6	11.2	11.9	12.3	10.5	11.3	10.9	11.6	11.9
	6H	11.2	11.9	11.5	12.2	12.5	10.8	11.5	11.2	11.8	12.2
	8H	11.4	12.0	11.8	12.4	12.7	10.9	11.6	11.3	11.9	12.3
	12H	11.6	12.2	12.0	12.5	12.9	11.1	11.7	11.5	12.0	12.4
8H	4H	10.9	11.5	11.3	11.9	12.2	10.5	11.2	10.9	11.5	11.9
	6H	11.3	11.9	11.8	12.3	12.7	11.0	11.5	11.4	11.9	12.3
	8H	11.6	12.1	12.1	12.5	13.0	11.2	11.7	11.7	12.1	12.6
	12H	12.0	12.4	12.5	12.8	13.3	11.5	11.9	12.0	12.3	12.8
12H	4H	10.9	11.5	11.3	11.8	12.2	10.5	11.1	11.0	11.5	11.9
	6H	11.4	11.8	11.8	12.3	12.7	11.0	11.5	11.5	11.9	12.3
	8H	11.7	12.1	12.2	12.6	13.0	11.3	11.7	11.8	12.2	12.6
Variations with the observer position at spacings:											
S = 1.0H	+ 2.1 / - 3.2					+ 2.3 / - 3.2					
1.5H	+ 4.1 / - 3.5					+ 3.6 / - 3.2					
2.0H	+ 4.4 / - 0.9					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1202 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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	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) $k(RI) \times RCR = 5$									
$k = 0.60$	81	73	69	80	73	69	79	73	68	64
0.80	89	82	77	88	81	77	87	81	77	72
1.00	94	88	83	93	87	83	92	87	82	78
1.25	99	93	89	98	92	88	96	91	87	82
1.50	102	96	92	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	103	99	97	90
3.00	110	106	102	108	104	101	104	101	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	114	111	108	111	109	107	107	105	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1098.4 lm

%lum = 91.4%

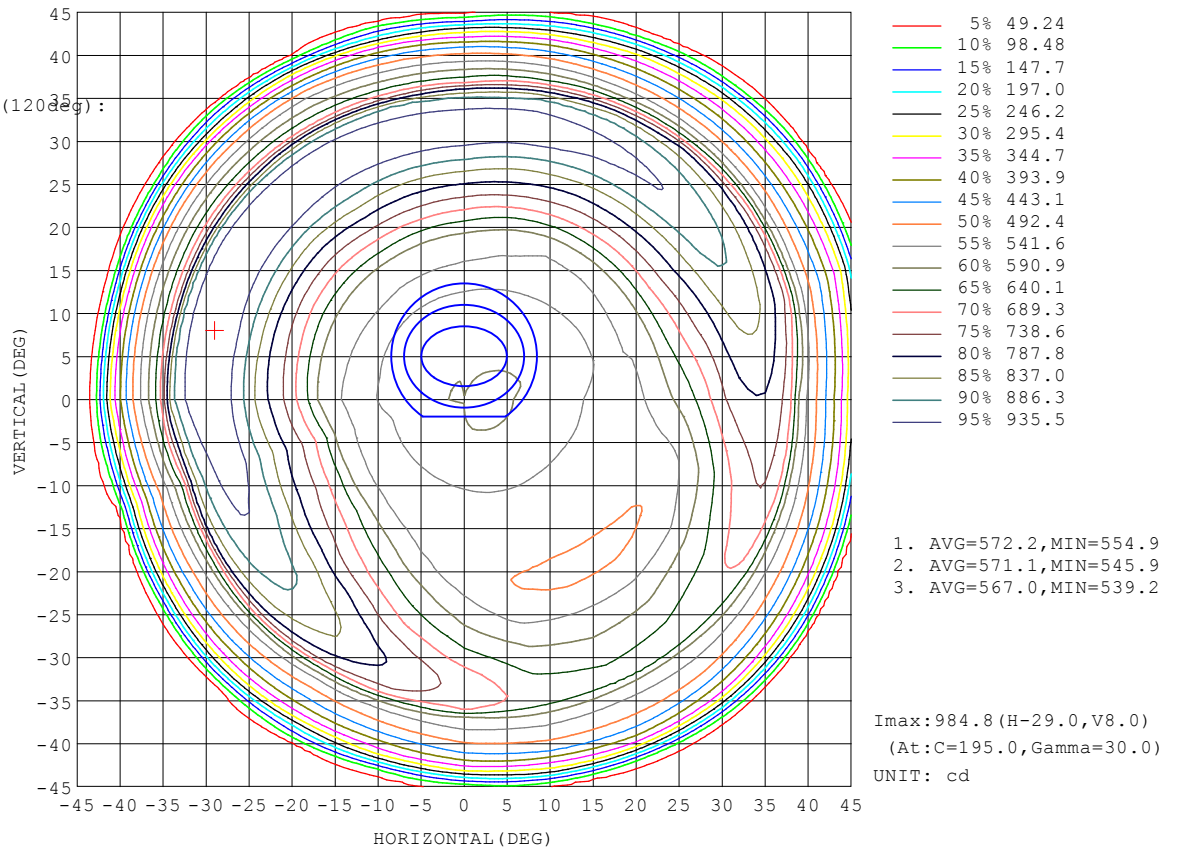
%lamp = 91.4%

Conical surface Flux(120deg):

1148.3 lm

%lum = 95.5%

%lamp = 95.5%

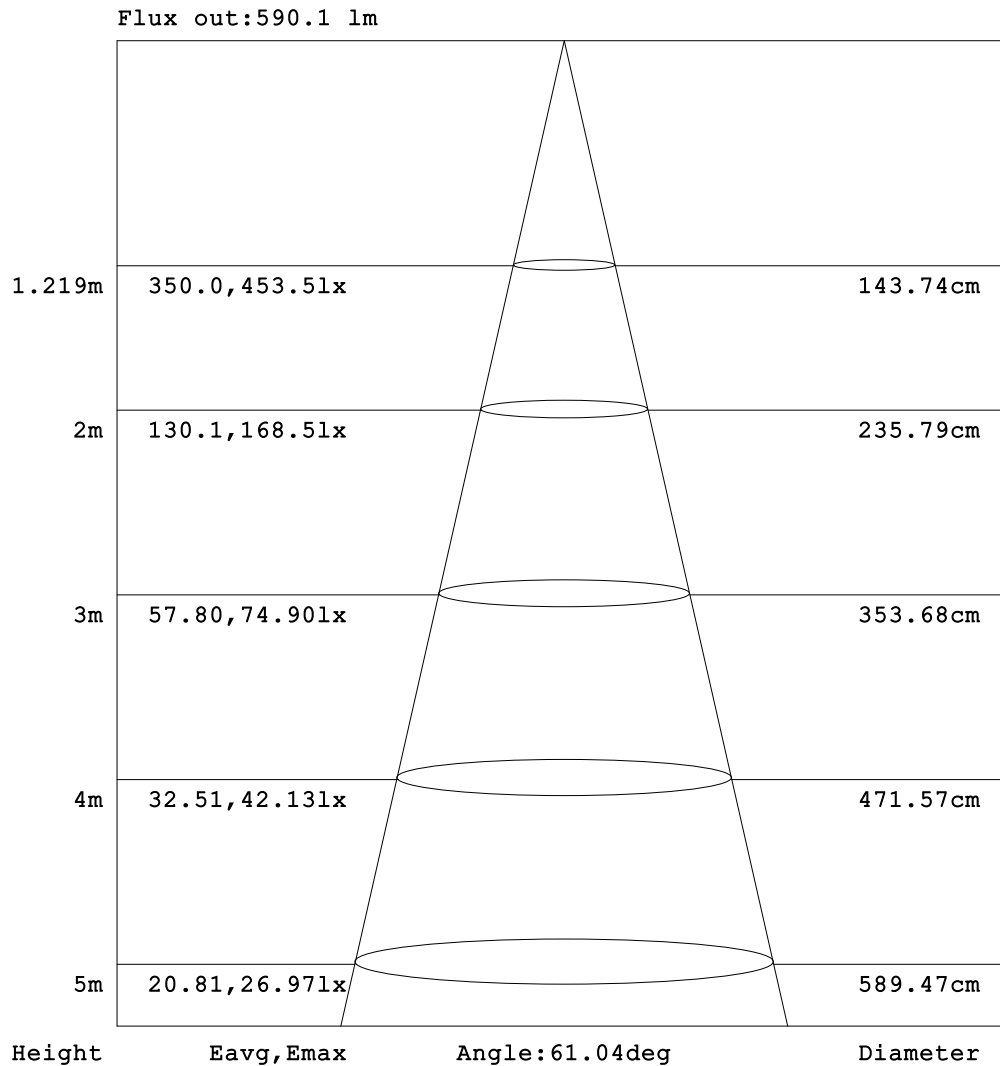


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



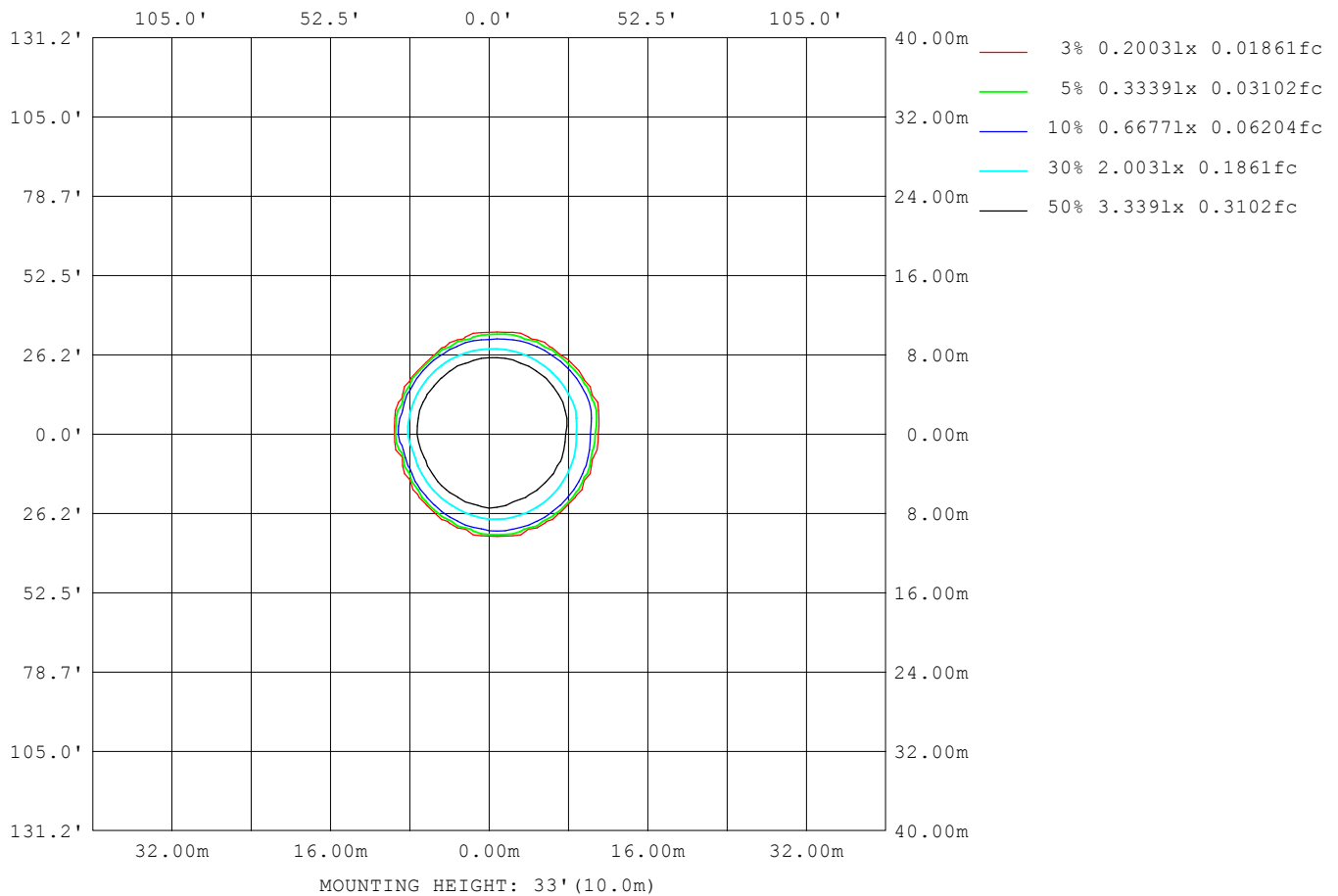
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

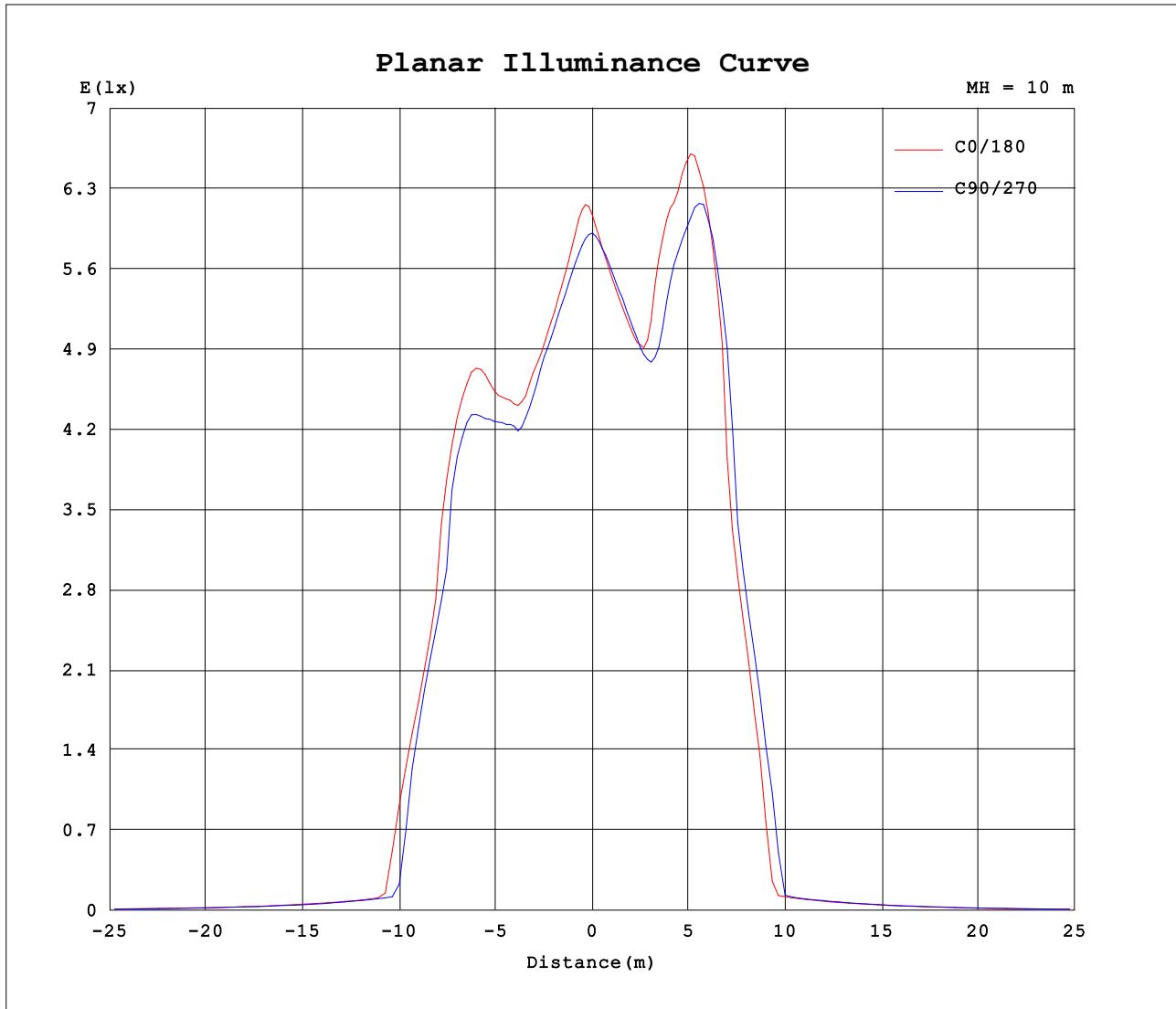
Test:U:120.5V I:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	607	607	606	605	605	604	591	590	591	591	591	592	607	607	606	605	605	604	591
5	598	596	592	589	584	581	572	566	564	561	559	558	567	566	568	569	571	572	571
10	559	557	555	553	551	548	544	540	539	538	538	538	542	542	544	545	547	549	549
15	538	537	534	531	529	526	525	525	535	551	565	569	545	547	548	547	542	539	539
20	535	520	511	505	500	499	509	558	630	694	739	753	706	693	673	661	655	634	612
25	602	529	496	488	495	513	572	648	744	821	878	895	864	858	843	826	828	804	787
30	727	634	589	570	575	597	664	756	840	886	911	937	973	986	979	969	957	958	949
35	783	735	685	651	645	669	720	724	639	591	578	586	718	726	757	785	842	883	893
40	533	539	532	530	515	511	489	431	377	339	298	269	390	400	416	440	476	489	503
45	261	279	269	250	201	147	65.1	36.7	34.8	34.1	33.4	33.1	34.0	33.9	34.1	34.4	35.0	36.2	37.6
50	35.2	35.1	34.9	34.7	34.3	33.8	33.3	32.7	32.0	31.5	30.9	30.6	31.2	31.2	31.3	31.5	31.9	32.3	32.8
55	32.7	32.7	32.4	32.2	31.7	31.3	30.8	30.2	29.5	28.9	28.4	28.1	28.7	28.6	28.8	28.9	29.3	29.8	30.3
60	30.2	30.1	29.9	29.6	29.2	28.8	28.2	27.6	26.9	26.4	25.8	25.5	26.1	26.1	26.2	26.4	26.8	27.3	27.8
65	27.6	27.5	27.3	27.0	26.5	26.1	25.5	24.9	24.2	23.5	23.0	22.6	23.3	23.3	23.4	23.7	24.1	24.6	25.2
70	24.7	24.6	24.4	24.0	23.5	23.1	22.5	21.8	21.0	20.3	19.7	19.3	20.2	20.1	20.3	20.6	21.0	21.5	22.2
75	21.3	21.2	20.9	20.5	20.0	19.6	18.9	18.2	17.2	16.5	15.8	15.4	16.4	16.4	16.6	16.9	17.4	18.0	18.7
80	17.0	17.0	16.6	16.3	15.8	15.3	14.6	13.6	12.5	11.5	10.6	10.0	11.6	11.6	11.8	12.2	12.8	13.4	14.1
85	11.2	11.2	11.0	10.7	10.0	9.41	8.48	7.08	5.47	4.18	2.98	2.33	4.52	4.47	4.80	5.18	5.88	6.54	7.47
90	2.75	2.86	2.53	2.16	1.33	0.53	0.02	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	0.01	0.00	0.01	0.00	0.03	0.00	0.03	0.00	0.02	0.04	0.00	0.02	0.00	0.00	0.00	0.00
130	0.02	0.08	0.03	0.06	0.03	0.08	0.04	0.09	0.08	0.09	0.07	0.07	0.09	0.07	0.08	0.03	0.06	0.02	0.05
135	0.10	0.13	0.09	0.13	0.10	0.14	0.10	0.15	0.11	0.15	0.10	0.13	0.15	0.11	0.13	0.10	0.11	0.10	0.11
140	0.13	0.18	0.15	0.18	0.15	0.19	0.17	0.19	0.15	0.19	0.15	0.17	0.19	0.15	0.17	0.13	0.17	0.11	0.16
145	0.19	0.23	0.19	0.24	0.19	0.24	0.20	0.24	0.19	0.23	0.19	0.22	0.23	0.19	0.22	0.20	0.20	0.18	0.22
150	0.21	0.27	0.22	0.27	0.22	0.27	0.25	0.27	0.22	0.25	0.21	0.25	0.27	0.22	0.25	0.22	0.25	0.21	0.25
155	0.24	0.29	0.25	0.28	0.26	0.29	0.29	0.29	0.25	0.28	0.24	0.27	0.30	0.27	0.30	0.26	0.27	0.24	0.29
160	0.29	0.33	0.29	0.33	0.29	0.34	0.31	0.35	0.30	0.35	0.31	0.36	0.36	0.33	0.36	0.32	0.36	0.32	0.34
165	0.35	0.40	0.36	0.41	0.39	0.42	0.40	0.43	0.40	0.45	0.40	0.45	0.45	0.40	0.45	0.40	0.43	0.40	0.44
170	0.43	0.48	0.43	0.49	0.47	0.50	0.49	0.52	0.49	0.54	0.51	0.52	0.53	0.50	0.53	0.49	0.52	0.49	0.51
175	0.51	0.56	0.50	0.56	0.52	0.56	0.53	0.57	0.54	0.56	0.54	0.57	0.57	0.54	0.57	0.55	0.57	0.54	0.57
180	0.57	0.57	0.55	0.56	0.55	0.56	0.56	0.56	0.55	0.56	0.56	0.56	0.57	0.56	0.56	0.57	0.57	0.55	0.57

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:0.1211A P:12.75W PF:0.8734 Lamp Flux:1202.18x1 lm		
NAME: ADL 12.5W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	590	591	591	591	592														
5	576	582	589	598	606														
10	552	555	559	564	568														
15	538	538	541	543	544														
20	581	553	547	545	542														
25	758	730	707	691	654														
30	922	894	872	835	781														
35	919	919	911	887	851														
40	527	543	561	584	608														
45	134	208	273	313	343														
50	33.5	34.3	34.9	35.6	36.0														
55	31.1	31.8	32.5	33.0	33.3														
60	28.6	29.4	30.0	30.5	30.8														
65	26.0	26.8	27.5	28.0	28.2														
70	23.0	23.9	24.6	25.2	25.4														
75	19.6	20.6	21.3	21.9	22.2														
80	15.2	16.4	17.2	17.9	18.3														
85	8.83	10.3	11.4	12.4	12.9														
90	0.12	1.81	3.12	4.38	5.11														
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	0.02	0.05	0.02	0.06	0.02														
135	0.08	0.12	0.10	0.13	0.10														
140	0.13	0.17	0.14	0.19	0.15														
145	0.18	0.22	0.19	0.23	0.19														
150	0.21	0.26	0.21	0.26	0.22														
155	0.25	0.27	0.24	0.27	0.24														
160	0.30	0.33	0.28	0.31	0.28														
165	0.39	0.40	0.36	0.38	0.34														
170	0.48	0.50	0.45	0.49	0.43														
175	0.54	0.56	0.54	0.55	0.52														
180	0.56	0.57	0.57	0.57	0.57														

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