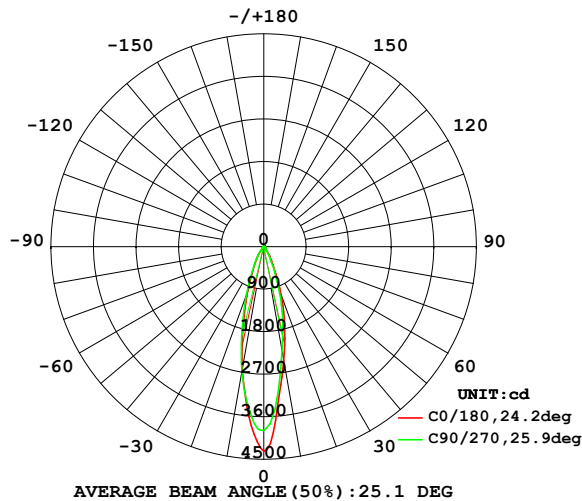


LUMINAIRE PHOTOMETRIC TEST REPORT

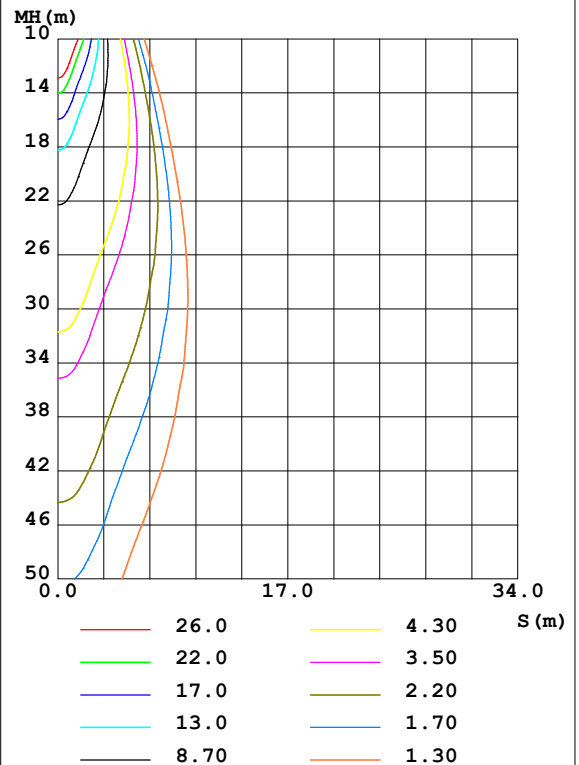
Test:U:120.5V I:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.16 lm/W			
MODEL		I _{max} (cd)	4350	S/MH (C0/180)	0.41
NOMINAL POWER(W)	12.5	LOR(%)	100.0	S/MH (C90/270)	0.47
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	1187.9	η UP,DN(C0-180)	0.0,44.7
NOMINAL FLUX(lm)	1187.92	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,55.2
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	2453	2507	2243	2052	2620	2376	2683	3063	0- 10	298.2	298.2	25.1
20	1068	1172	914.5	709.2	992.8	882.6	1075	1357	10- 20	462.7	761.0	64.1
30	294.5	300.8	239.8	227.3	321.8	284.1	340.5	436.5	20- 30	266.2	1027	86.5
40	50.00	53.44	49.29	41.18	52.78	47.31	50.74	71.64	30- 40	96.54	1124	94.6
50	20.62	21.37	19.92	18.20	19.30	18.27	19.56	22.02	40- 50	25.53	1149	96.7
60	15.13	15.60	14.51	13.28	14.05	13.18	14.16	15.87	50- 60	15.23	1164	98
70	10.46	10.93	9.885	8.666	9.527	8.717	9.654	11.24	60- 70	12.06	1177	99
80	5.516	6.031	4.991	3.702	4.748	3.976	4.928	6.477	70- 80	7.913	1184	99.7
90	0.0040	0.3453	0	0	0	0	0	1.141	80- 90	2.683	1187	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0284	1187	99.9
110	0	0	0	0	0	0	0	0	100-110	0	1187	99.9
120	0	0	0	0	0	0	0	0	110-120	0	1187	99.9
130	0	0	0	0.0193	0.0001	0	0	0	120-130	0.0001	1187	99.9
140	0.1785	0.1792	0.1978	0.2874	0.2553	0.2488	0.2304	0.1210	130-140	0.0621	1187	99.9
150	0.4401	0.4534	0.4592	0.5174	0.5427	0.5040	0.5170	0.4272	140-150	0.2196	1187	100
160	0.5872	0.6063	0.5999	0.5935	0.6446	0.6318	0.6510	0.6190	150-160	0.2614	1188	100
170	0.5938	0.5870	0.5935	0.5425	0.5935	0.6128	0.6063	0.6447	160-170	0.1747	1188	100
180	0.5361	0.5425	0.5361	0.5361	0.5361	0.5489	0.5297	0.5553	170-180	0.0544	1188	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

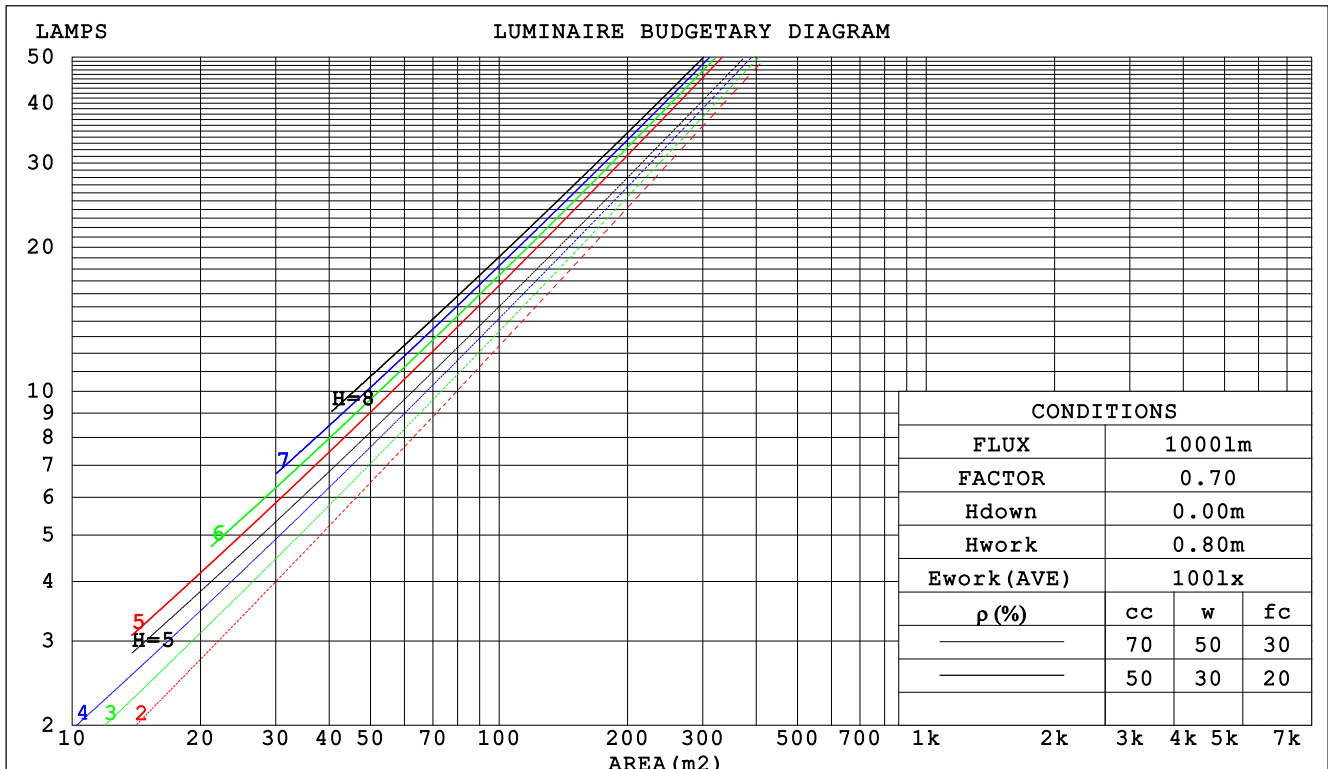
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	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	1.12	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	.93	.95	.93	.92	.90
3.0	.90	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.86	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
6.0	.86	.81	.78	.86	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.72
8.0	.79	.75	.71	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69
9.0	.76	.72	.68	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67
10.0	.74	.69	.66	.73	.69	.66	.73	.68	.66	.72	.68	.65	.71	.68	.65	.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

WEC AND CCEC

Test:U:120.5V I:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	.088	.028	.141	.081	.026	.129	.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	.069	.021	.118	.065	.020	.111	.061	.019		
4.0	.131	.068	.020	.127	.067	.020	.120	.064	.019	.113	.061	.018	.107	.058	.018		
5.0	.124	.063	.018	.121	.062	.018	.114	.059	.017	.108	.057	.017	.102	.055	.016		
6.0	.117	.059	.017	.114	.058	.017	.109	.056	.016	.104	.054	.016	.099	.052	.015		
7.0	.112	.055	.016	.109	.054	.015	.104	.053	.015	.099	.051	.015	.095	.049	.015		
8.0	.106	.052	.015	.104	.051	.014	.100	.050	.014	.096	.048	.014	.092	.047	.014		
9.0	.102	.049	.014	.100	.049	.014	.096	.047	.013	.092	.046	.013	.089	.045	.013		
10.0	.097	.047	.013	.095	.046	.013	.092	.045	.013	.089	.044	.013	.086	.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	.119	.087	.064	.102	.075	.055	.070	.053	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.054	.095	.067	.047	.065	.047	.033	.038	.028	.020	.012	.009	.006	
7.0	.103	.069	.046	.089	.060	.040	.061	.042	.028	.036	.025	.017	.011	.008	.006	
8.0	.097	.063	.039	.083	.054	.034	.058	.038	.024	.034	.023	.015	.011	.007	.005	
9.0	.091	.057	.034	.079	.050	.030	.054	.035	.021	.032	.021	.013	.010	.007	.004	
10.0	.086	.053	.030	.075	.046	.026	.052	.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:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm										
NAME: ADL 12.5W ADR9.5WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 12.5W ADR9.5WH 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	-0.3	0.5	-0.1	0.6	0.8	-0.5	0.3	-0.3	0.5	0.6
3H	0.5	1.2	0.7	1.4	1.6	0.3	1.1	0.6	1.3	1.5
4H	0.9	1.6	1.2	1.8	2.1	0.8	1.5	1.1	1.7	1.9
6H	1.4	2.0	1.7	2.3	2.5	1.2	1.8	1.5	2.1	2.3
8H	1.6	2.2	1.9	2.4	2.7	1.3	2.0	1.6	2.2	2.5
12H	1.7	2.3	2.0	2.6	2.8	1.5	2.1	1.8	2.3	2.6
4H 2H	-0.1	0.6	0.2	0.8	1.0	-0.2	0.5	0.0	0.7	0.9
3H	1.0	1.6	1.3	1.8	2.1	0.9	1.5	1.2	1.7	2.0
4H	1.6	2.1	1.9	2.4	2.7	1.5	2.0	1.8	2.3	2.6
6H	2.2	2.7	2.5	3.0	3.3	2.1	2.6	2.4	2.9	3.2
8H	2.4	2.9	2.8	3.2	3.6	2.3	2.8	2.7	3.1	3.5
12H	2.6	3.0	3.0	3.4	3.8	2.5	2.9	2.9	3.2	3.6
8H 4H	1.8	2.3	2.2	2.6	3.0	1.8	2.2	2.1	2.6	2.9
6H	2.6	3.0	3.0	3.3	3.8	2.5	2.9	3.0	3.3	3.7
8H	2.9	3.2	3.4	3.7	4.1	2.9	3.2	3.3	3.6	4.1
12H	3.2	3.5	3.7	3.9	4.4	3.1	3.4	3.6	3.9	4.3
12H 4H	1.8	2.3	2.3	2.6	3.0	1.8	2.2	2.2	2.6	3.0
6H	2.7	3.0	3.1	3.4	3.8	2.6	2.9	3.1	3.4	3.8
8H	3.0	3.3	3.5	3.8	4.2	3.0	3.3	3.5	3.7	4.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.5					+ 0.3 / - 0.4				
1.5H	+ 1.2 / - 0.4					+ 0.6 / - 0.4				
2.0H	+ 0.4 / - 0.2					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 1188 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:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	82	78	75
0.80	95	90	86	95	89	86	94	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	97	94	90
1.50	106	101	98	105	101	98	103	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	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:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1139.2 lm

%lum = 95.9%

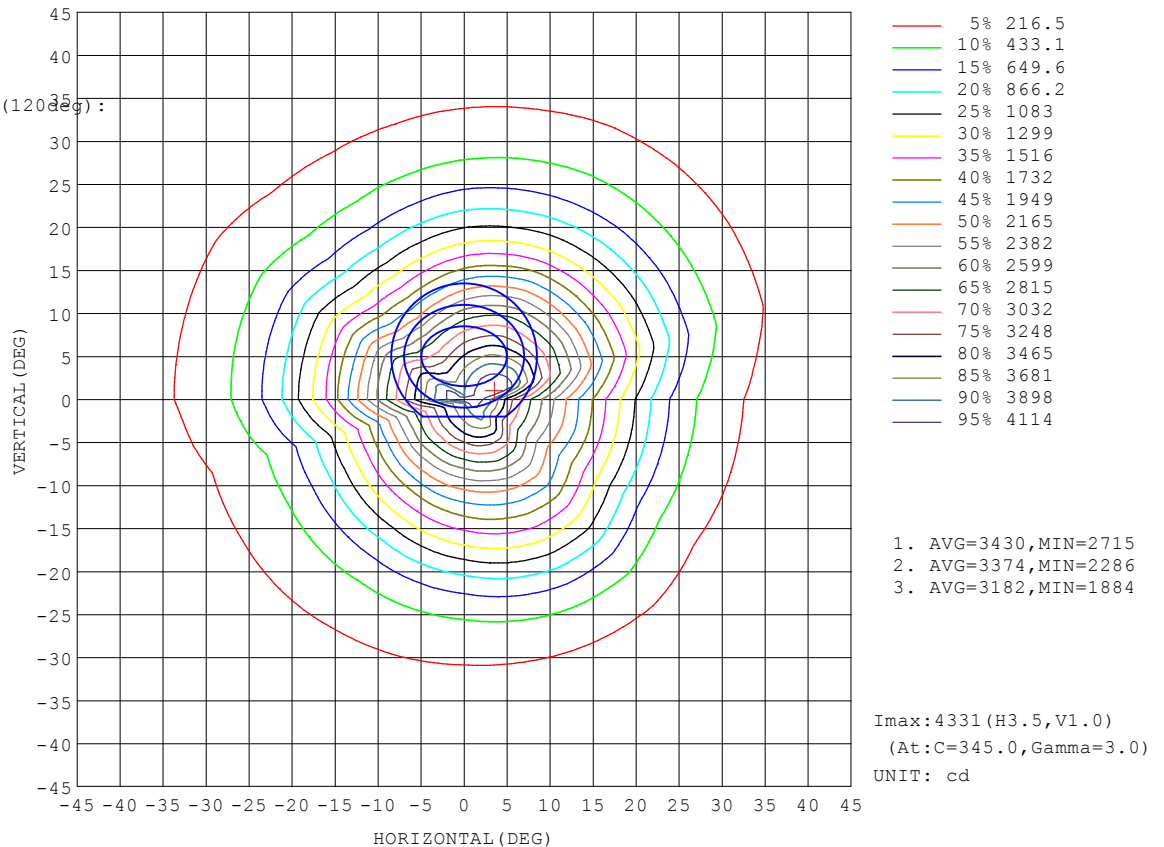
%lamp = 95.9%

Conical surface Flux(120deg):

1164.5 lm

%lum = 98.0%

%lamp = 98.0%

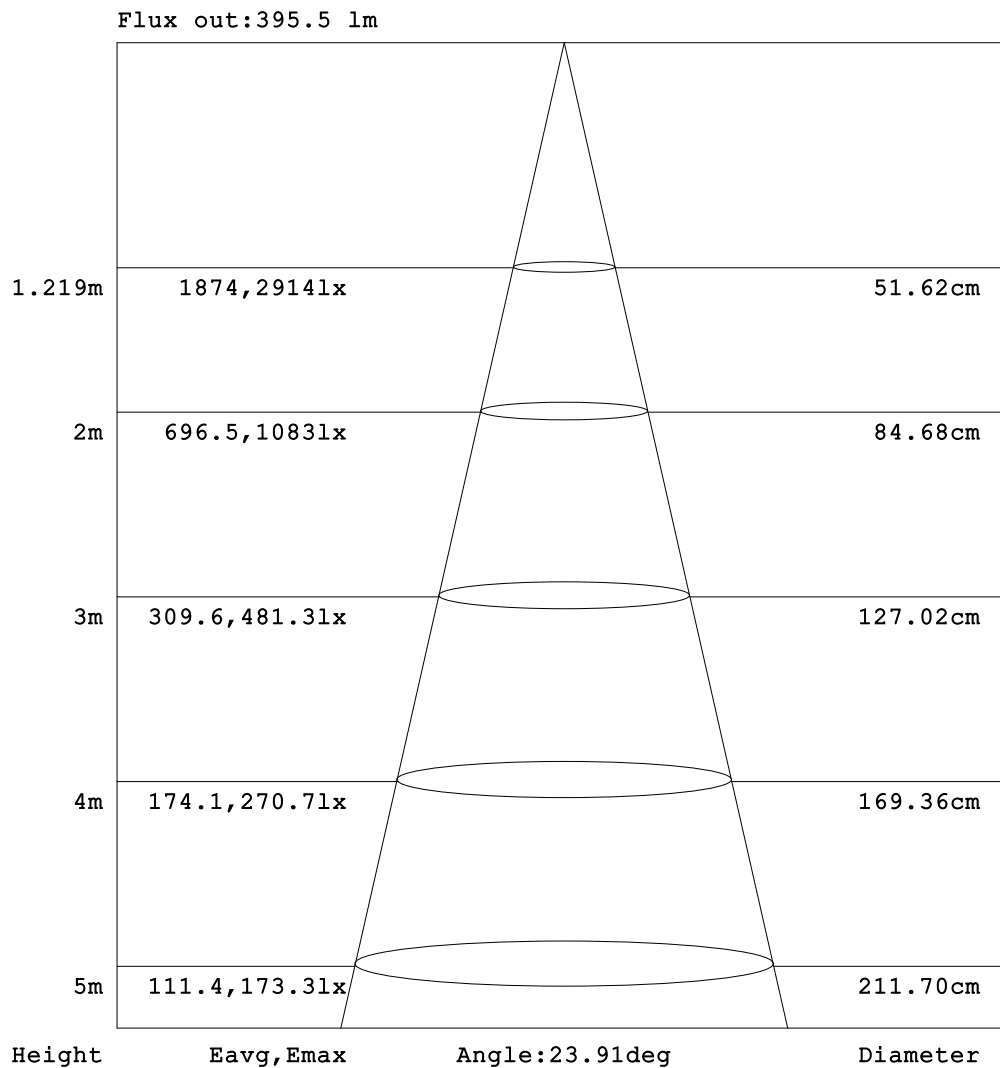


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



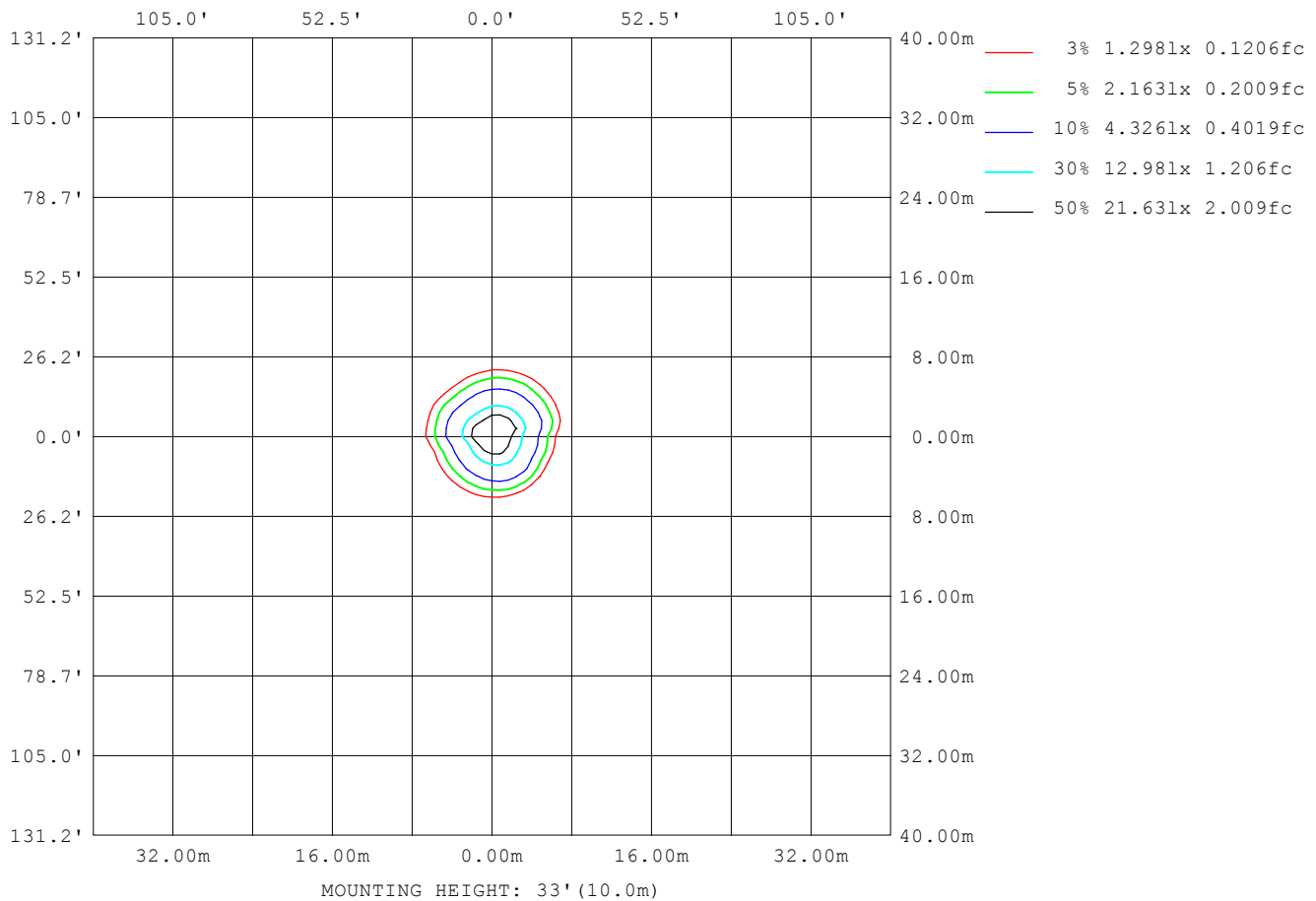
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

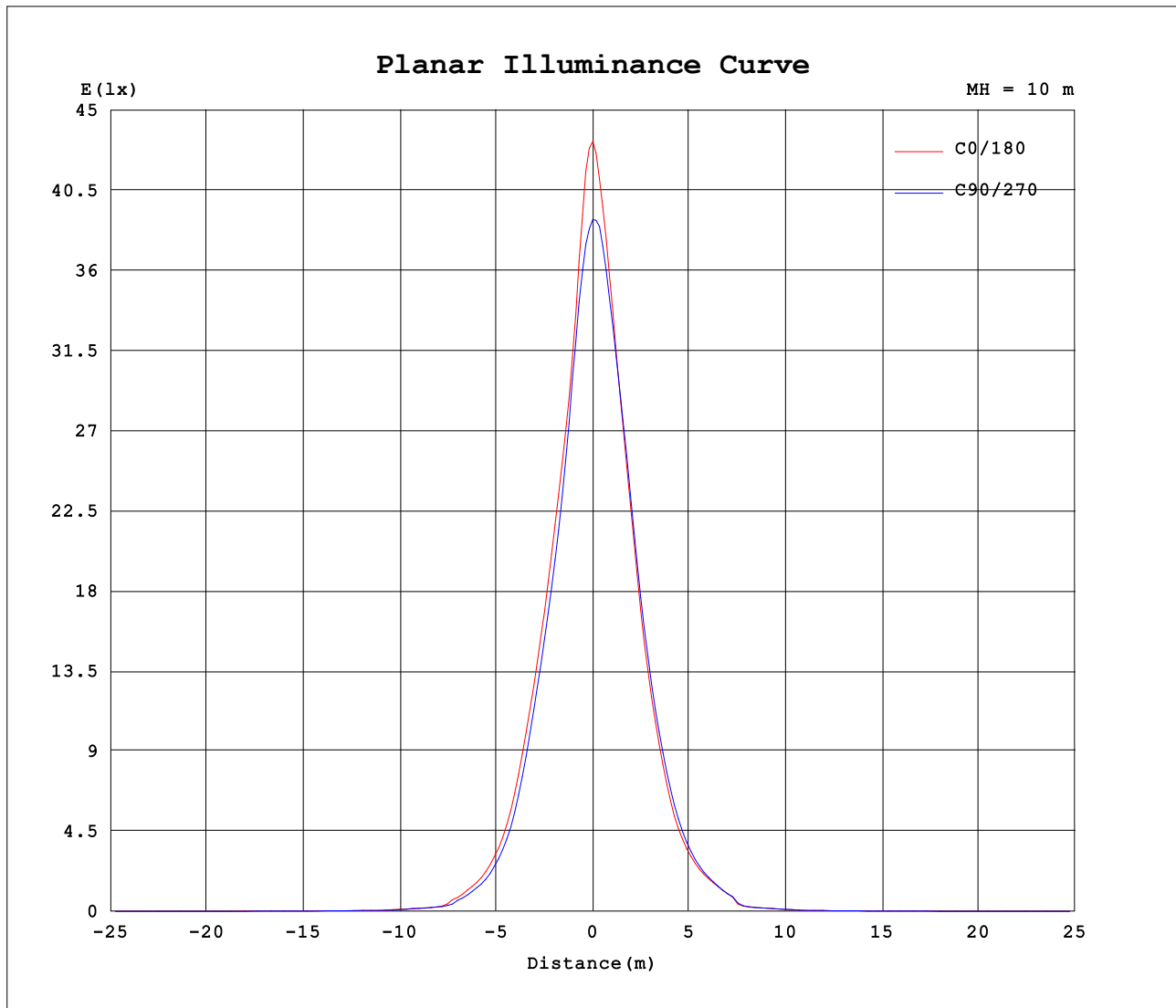
Test:U:120.5V I:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	4326	4325	4322	4087	3904	3893	3888	3888	3896	3909	3892	3933	4326	4325	4322	4087	3904	3893	3888
5	3396	3353	3257	3531	3461	3366	3239	3163	3059	3016	2965	2967	3614	3597	3631	3298	3231	3337	3484
10	2453	2421	2339	2507	2462	2344	2243	2166	2098	2052	1987	1992	2620	2636	2694	2376	2338	2488	2683
15	1723	1718	1670	1809	1756	1658	1545	1450	1356	1288	1226	1215	1678	1699	1722	1518	1500	1615	1765
20	1068	1055	1034	1172	1142	1036	914	834	753	709	672	671	993	997	1032	883	880	966	1075
25	560	543	530	621	596	530	469	431	397	389	372	381	547	556	568	486	484	534	604
30	295	282	259	301	281	257	240	234	228	227	223	226	322	328	331	284	282	306	340
35	146	131	113	134	129	119	114	98.3	73.7	68.0	60.5	59.7	183	180	183	126	122	159	182
40	50.0	49.6	48.7	53.4	53.2	52.3	49.3	46.0	45.2	41.2	42.9	39.8	52.8	50.4	50.8	47.3	46.4	48.0	50.7
45	34.1	33.9	32.6	38.6	37.6	32.8	29.9	25.6	22.5	21.4	20.9	20.6	32.7	32.0	33.8	25.3	25.0	30.9	34.6
50	20.6	20.7	20.6	21.4	21.2	20.6	19.9	19.3	18.7	18.2	17.8	17.5	19.3	19.2	19.2	18.3	18.3	18.8	19.6
55	17.6	17.6	17.5	18.2	18.1	17.5	17.0	16.5	16.0	15.6	15.2	15.0	16.4	16.3	16.3	15.5	15.5	15.9	16.6
60	15.1	15.1	15.1	15.6	15.5	15.0	14.5	14.1	13.6	13.3	12.9	12.7	14.0	13.9	13.9	13.2	13.2	13.6	14.2
65	12.8	12.8	12.7	13.3	13.1	12.7	12.2	11.8	11.3	11.0	10.7	10.5	11.8	11.7	11.6	11.0	11.0	11.3	11.9
70	10.5	10.5	10.4	10.9	10.8	10.4	9.88	9.46	9.01	8.67	8.33	8.15	9.53	9.42	9.39	8.72	8.73	9.12	9.65
75	8.04	8.03	7.94	8.53	8.44	8.01	7.49	7.05	6.60	6.25	5.92	5.74	7.17	7.09	7.07	6.39	6.40	6.81	7.33
80	5.52	5.50	5.41	6.03	5.96	5.51	4.99	4.53	4.06	3.70	3.38	3.22	4.75	4.68	4.67	3.98	3.99	4.40	4.93
85	2.78	2.76	2.66	3.36	3.29	2.83	2.27	1.79	1.28	0.91	0.57	0.44	2.17	2.14	2.16	1.47	1.49	1.92	2.43
90	0.00	0.00	0.00	0.35	0.28	0.00	0.00	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	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00
135	0.04	0.07	0.03	0.04	0.00	0.06	0.05	0.10	0.09	0.13	0.11	0.16	0.10	0.08	0.10	0.10	0.14	0.08	0.09
140	0.18	0.21	0.18	0.18	0.15	0.20	0.20	0.26	0.23	0.29	0.27	0.31	0.26	0.21	0.24	0.25	0.29	0.22	0.23
145	0.31	0.36	0.33	0.34	0.30	0.34	0.33	0.39	0.38	0.42	0.40	0.44	0.41	0.37	0.40	0.39	0.44	0.37	0.39
150	0.44	0.49	0.44	0.45	0.43	0.47	0.46	0.50	0.49	0.52	0.50	0.56	0.54	0.49	0.52	0.50	0.56	0.50	0.52
155	0.54	0.57	0.54	0.56	0.51	0.57	0.54	0.59	0.57	0.59	0.57	0.60	0.63	0.60	0.62	0.60	0.64	0.59	0.62
160	0.59	0.60	0.61	0.61	0.58	0.61	0.60	0.60	0.60	0.59	0.60	0.60	0.64	0.63	0.64	0.63	0.64	0.64	0.65
165	0.60	0.60	0.60	0.60	0.60	0.61	0.60	0.61	0.61	0.58	0.60	0.59	0.63	0.64	0.64	0.64	0.63	0.64	0.64
170	0.59	0.55	0.59	0.59	0.61	0.57	0.59	0.54	0.57	0.54	0.56	0.52	0.59	0.62	0.60	0.61	0.59	0.62	0.61
175	0.56	0.52	0.56	0.54	0.58	0.53	0.55	0.53	0.54	0.54	0.54	0.52	0.54	0.58	0.54	0.57	0.54	0.56	0.54
180	0.54	0.53	0.54	0.54	0.54	0.52	0.54	0.53	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:0.1213A P:12.75W PF:0.8724 Lamp Flux:1187.92x1 lm		
NAME: ADL 12.5W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	3888	3896	3909	3892	3933														
5	3633	3838	4022	4168	4261														
10	2829	2991	3063	3161	3113														
15	1906	2070	2156	2228	2228														
20	1160	1273	1357	1440	1456														
25	660	722	783	834	847														
30	377	415	436	451	458														
35	204	236	251	255	251														
40	53.3	61.2	71.6	85.9	95.3														
45	38.7	41.2	42.5	44.6	44.4														
50	20.3	21.1	22.0	23.5	24.2														
55	17.2	18.0	18.5	19.1	19.3														
60	14.7	15.4	15.9	16.4	16.6														
65	12.4	13.1	13.5	14.0	14.2														
70	10.2	10.8	11.2	11.7	11.9														
75	7.86	8.46	8.89	9.31	9.52														
80	5.46	6.03	6.48	6.88	7.06														
85	2.95	3.50	3.93	4.31	4.49														
90	0.22	0.75	1.14	1.52	1.65														
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	0.03	0.04	0.00	0.03	0.00														
140	0.18	0.19	0.12	0.15	0.12														
145	0.32	0.34	0.28	0.31	0.27														
150	0.47	0.47	0.43	0.45	0.41														
155	0.58	0.59	0.54	0.57	0.52														
160	0.64	0.67	0.62	0.64	0.60														
165	0.65	0.66	0.65	0.64	0.64														
170	0.65	0.61	0.64	0.61	0.65														
175	0.59	0.58	0.60	0.59	0.59														
180	0.54	0.54	0.56	0.54	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