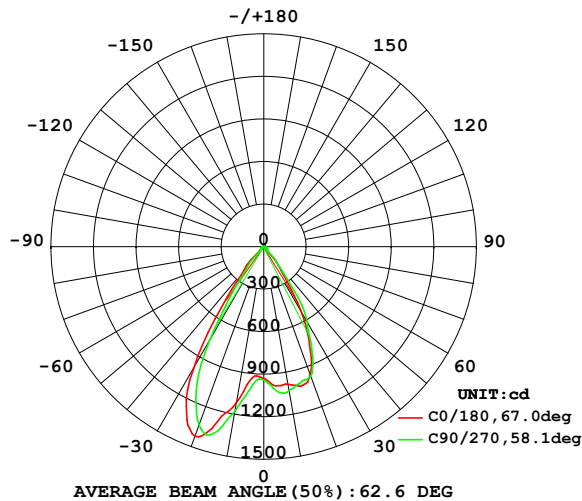


LUMINAIRE PHOTOMETRIC TEST REPORT

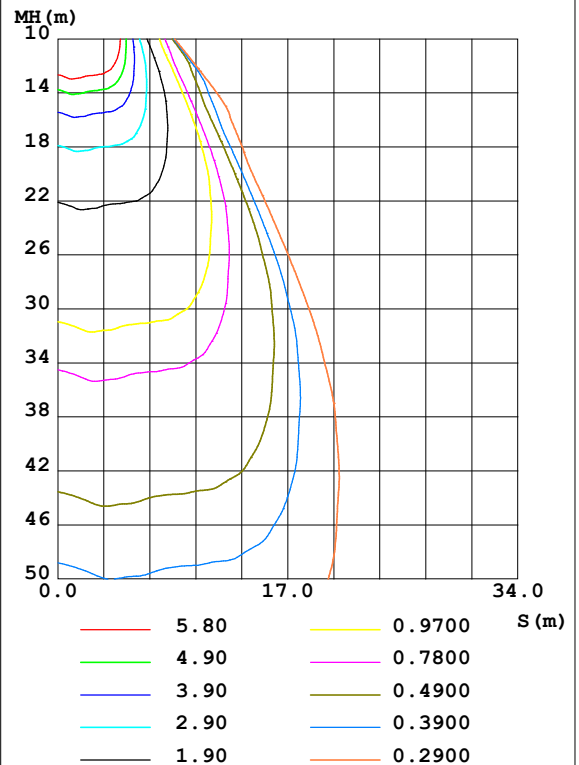
Test:U:120.5V I:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.12 lm/W			
MODEL		I _{max} (cd)	1422	S/MH (C0/180)	1.03
NOMINAL POWER(W)	12.5	LOR(%)	100.0	S/MH (C90/270)	0.96
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	1207.4	η UP,DN (C0-180)	0.0,43.9
NOMINAL FLUX(lm)	1207.35	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,56.0
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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum
10	985.1	942.5	1032	1214	1115	1215	1177	1062	0- 10	98.56	98.56	8.16
20	961.4	794.6	971.8	1180	1421	1338	1337	1310	10- 20	331.6	430.1	35.6
30	525.1	621.3	611.8	535.3	992.4	690.6	770.6	903.0	20- 30	440.3	870.4	72.1
40	128.2	174.5	135.1	88.14	214.7	152.5	167.2	211.3	30- 40	234.9	1105	91.5
50	25.41	27.40	26.48	24.81	26.73	24.75	25.51	27.10	40- 50	47.19	1152	95.5
60	20.14	22.28	21.29	19.42	21.46	19.37	20.26	22.00	50- 60	20.97	1173	97.2
70	13.66	16.28	15.06	12.87	15.49	13.02	14.09	16.18	60- 70	17.62	1191	98.7
80	6.288	8.978	7.800	5.676	8.565	6.054	7.100	9.123	70- 80	11.64	1203	99.6
90	0	0.6665	0.0058	0	1.006	0	0	1.313	80- 90	3.945	1207	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0384	1207	99.9
110	0	0	0	0	0	0	0	0	100-110	0	1207	99.9
120	0	0	0	0	0	0	0	0	110-120	0	1207	99.9
130	0.0699	0.0450	0.0189	0.0702	0.0001	0	0.0257	0	120-130	0.0043	1207	99.9
140	0.2231	0.2300	0.1914	0.2425	0.1662	0.1595	0.1979	0.1595	130-140	0.0851	1207	100
150	0.3763	0.3766	0.3382	0.3641	0.3256	0.3318	0.3640	0.3190	140-150	0.1715	1207	100
160	0.4468	0.4531	0.4276	0.4723	0.4788	0.4977	0.4979	0.4340	150-160	0.1880	1207	100
170	0.5804	0.5681	0.5297	0.6127	0.6127	0.6127	0.6318	0.5424	160-170	0.1466	1207	100
180	0.6510	0.6446	0.6510	0.6574	0.6446	0.6510	0.6446	0.6574	170-180	0.0590	1207	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

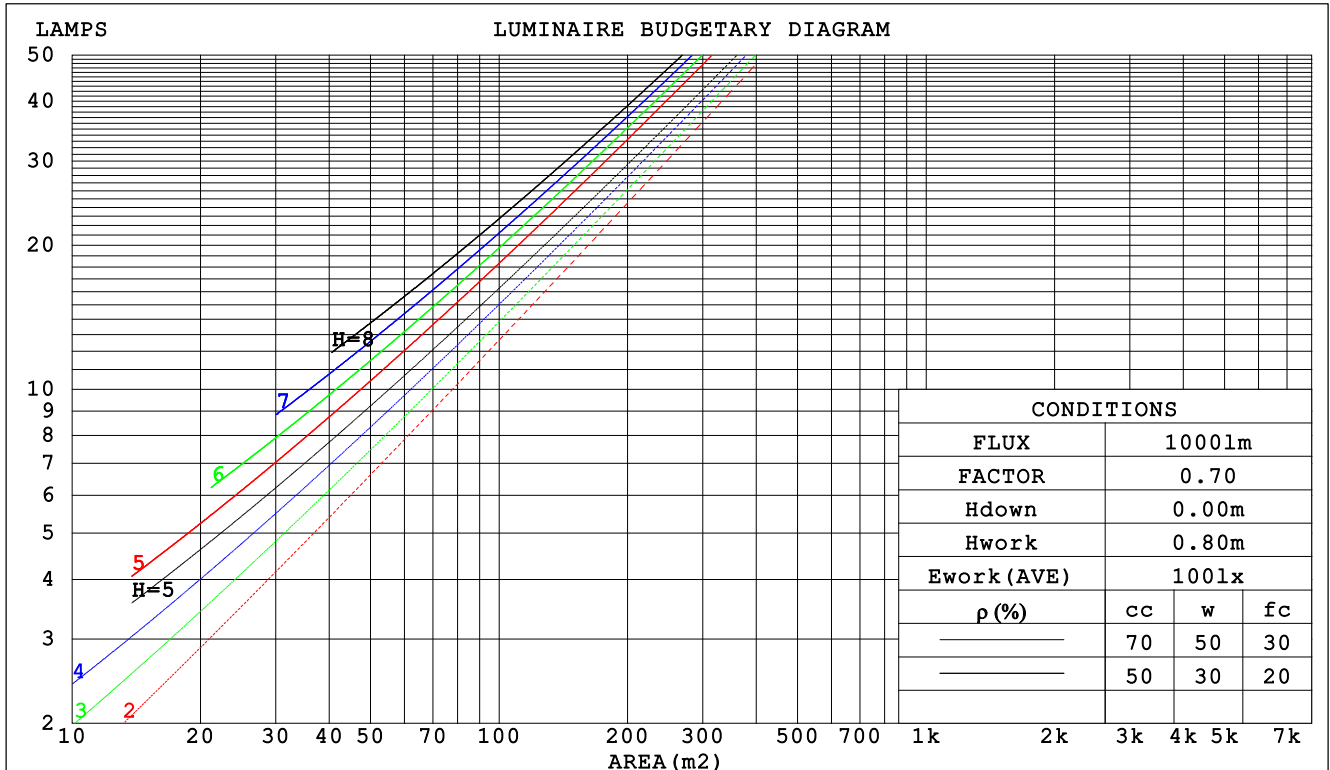
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 60°	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	1.10	1.07	1.05	1.08	1.06	1.03	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.94	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.86
3.0	.95	.90	.86	.93	.89	.85	.91	.87	.83	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.83	.78	.87	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.72	.82	.76	.72	.80	.75	.71	.78	.74	.71	.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	.67	.62	.72	.66	.62	.71	.66	.62	.70	.65	.61	.68	.64	.61	.60
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	.60	.54	.51	.59	.54	.51	.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

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:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	.183	.104	.033	.170	.098	.031	.159	.091	.029	.148	.086	.028		
2.0	.180	.099	.030	.174	.096	.030	.164	.091	.028	.154	.086	.027	.145	.082	.026		
3.0	.170	.091	.027	.166	.089	.027	.156	.085	.026	.148	.081	.025	.140	.078	.024		
4.0	.162	.084	.025	.157	.082	.024	.149	.079	.024	.142	.076	.023	.135	.073	.022		
5.0	.153	.078	.023	.150	.077	.022	.143	.074	.022	.136	.072	.021	.130	.070	.021		
6.0	.146	.073	.021	.143	.072	.021	.137	.070	.020	.131	.068	.020	.126	.066	.020		
7.0	.139	.069	.020	.136	.068	.019	.131	.066	.019	.126	.065	.019	.121	.063	.018		
8.0	.133	.065	.018	.131	.064	.018	.126	.063	.018	.121	.061	.018	.117	.060	.017		
9.0	.127	.062	.017	.125	.061	.017	.121	.060	.017	.117	.058	.017	.113	.057	.017		
10.0	.122	.059	.016	.120	.058	.016	.116	.057	.016	.112	.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	.068	.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	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.127	.088	.059	.109	.076	.051	.075	.053	.036	.044	.031	.022	.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	.012	.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:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm										
NAME: ADL 12.5W ADR9.5WH 60°					TYPE:LED			WEIGHT:		
SPEC.:ADL 12.5W ADR9.5WH 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	4.7	5.7	4.9	5.8	6.0	6.0	7.0	6.2	7.2	7.3
3H	5.0	5.9	5.2	6.1	6.3	6.2	7.1	6.5	7.3	7.5
4H	5.2	6.0	5.4	6.2	6.5	6.3	7.2	6.6	7.4	7.7
6H	5.3	6.1	5.6	6.4	6.6	6.5	7.3	6.8	7.5	7.8
8H	5.3	6.1	5.7	6.4	6.6	6.6	7.3	6.9	7.6	7.9
12H	5.3	6.1	5.7	6.4	6.6	6.6	7.3	6.9	7.6	7.9
4H 2H	4.7	5.5	4.9	5.7	6.0	5.9	6.8	6.2	7.0	7.2
3H	5.2	5.9	5.5	6.2	6.4	6.3	7.0	6.6	7.3	7.6
4H	5.5	6.1	5.8	6.4	6.8	6.5	7.2	6.9	7.5	7.8
6H	5.8	6.3	6.1	6.7	7.0	6.8	7.4	7.2	7.7	8.1
8H	5.8	6.4	6.2	6.7	7.1	6.9	7.5	7.3	7.8	8.2
12H	5.9	6.4	6.3	6.7	7.1	7.0	7.5	7.4	7.9	8.3
8H 4H	5.6	6.2	6.0	6.5	6.9	6.6	7.2	7.0	7.5	7.9
6H	6.1	6.5	6.5	6.9	7.3	7.0	7.5	7.5	7.9	8.3
8H	6.2	6.6	6.7	7.0	7.5	7.2	7.6	7.7	8.1	8.5
12H	6.3	6.6	6.8	7.1	7.5	7.4	7.8	7.9	8.2	8.7
12H 4H	5.6	6.1	6.0	6.5	6.9	6.6	7.1	7.0	7.5	7.9
6H	6.1	6.5	6.6	6.9	7.4	7.1	7.5	7.5	7.9	8.3
8H	6.3	6.7	6.8	7.1	7.6	7.3	7.7	7.8	8.1	8.6
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 1.7					+ 1.9 / - 1.8				
1.5H	+ 2.4 / - 1.7					+ 2.5 / - 1.7				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1207 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.7)

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:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	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

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:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1140.4 lm

%lum = 94.5%

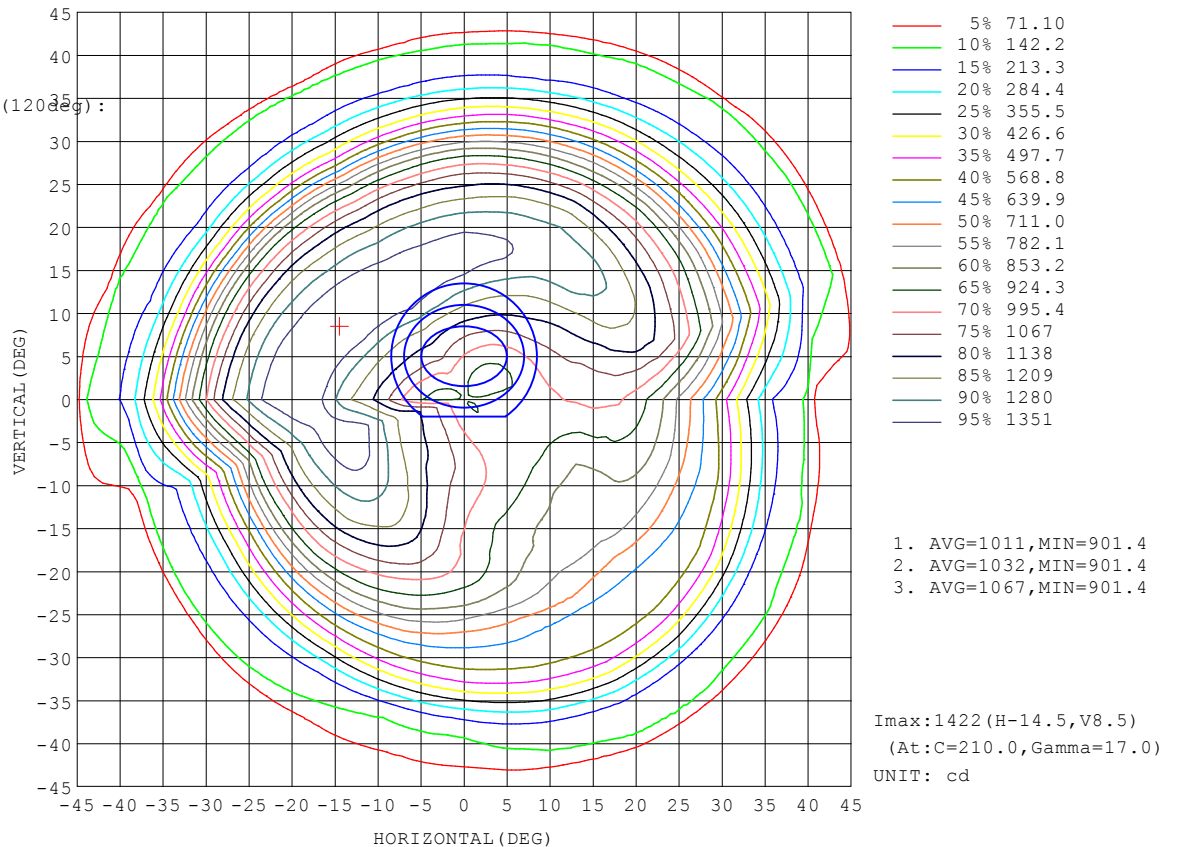
%lamp = 94.5%

Conical surface Flux(120deg):

1173.5 lm

%lum = 97.2%

%lamp = 97.2%

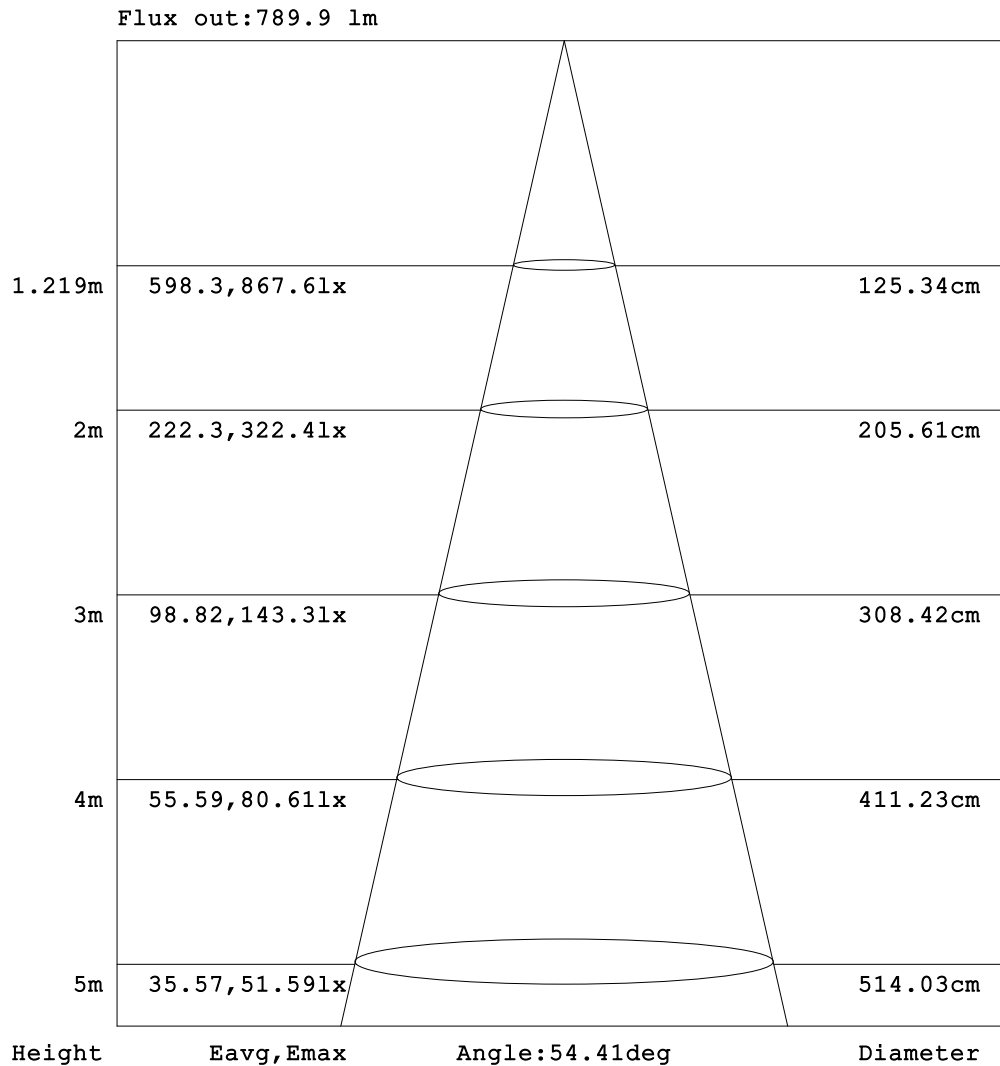


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-29

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:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



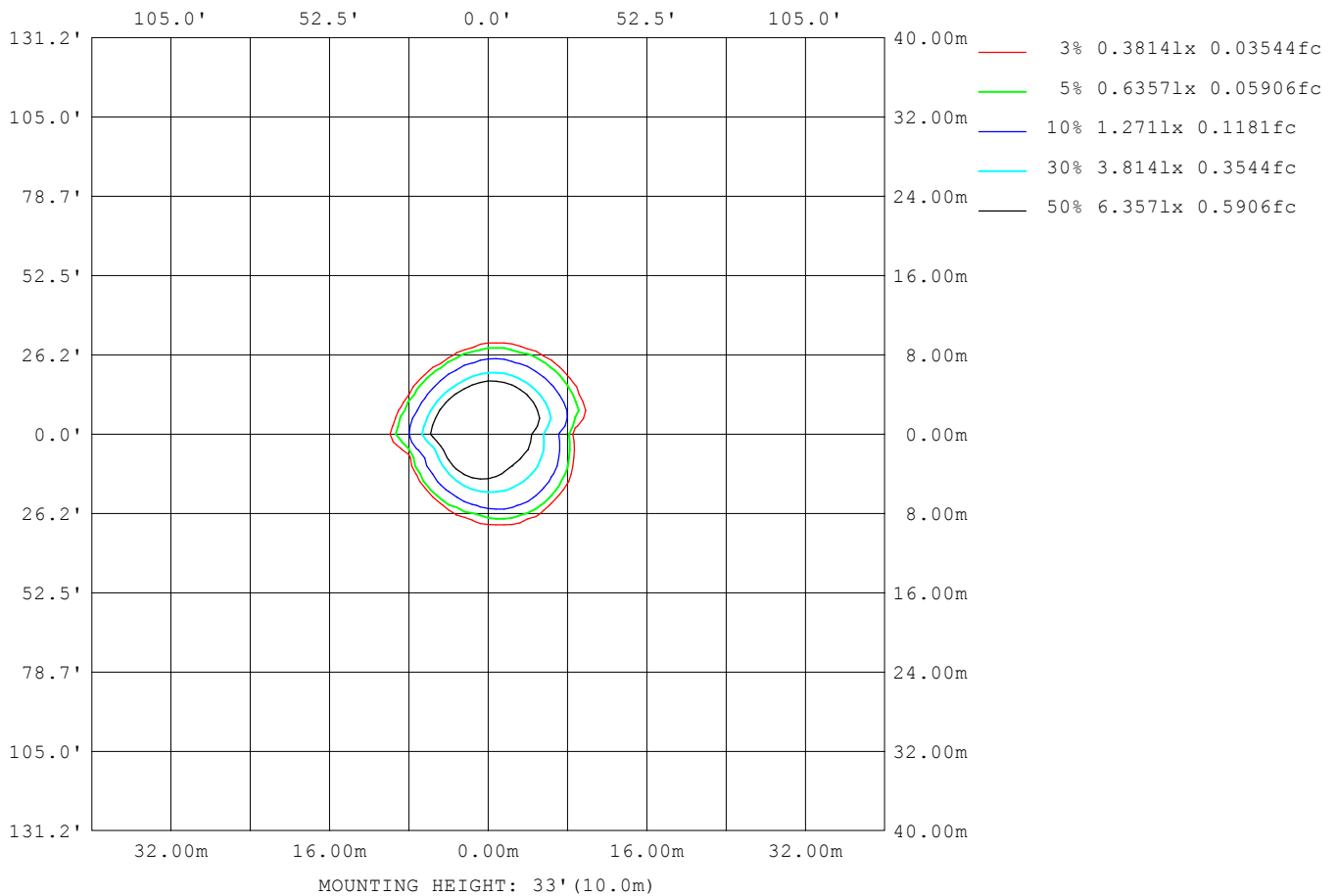
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

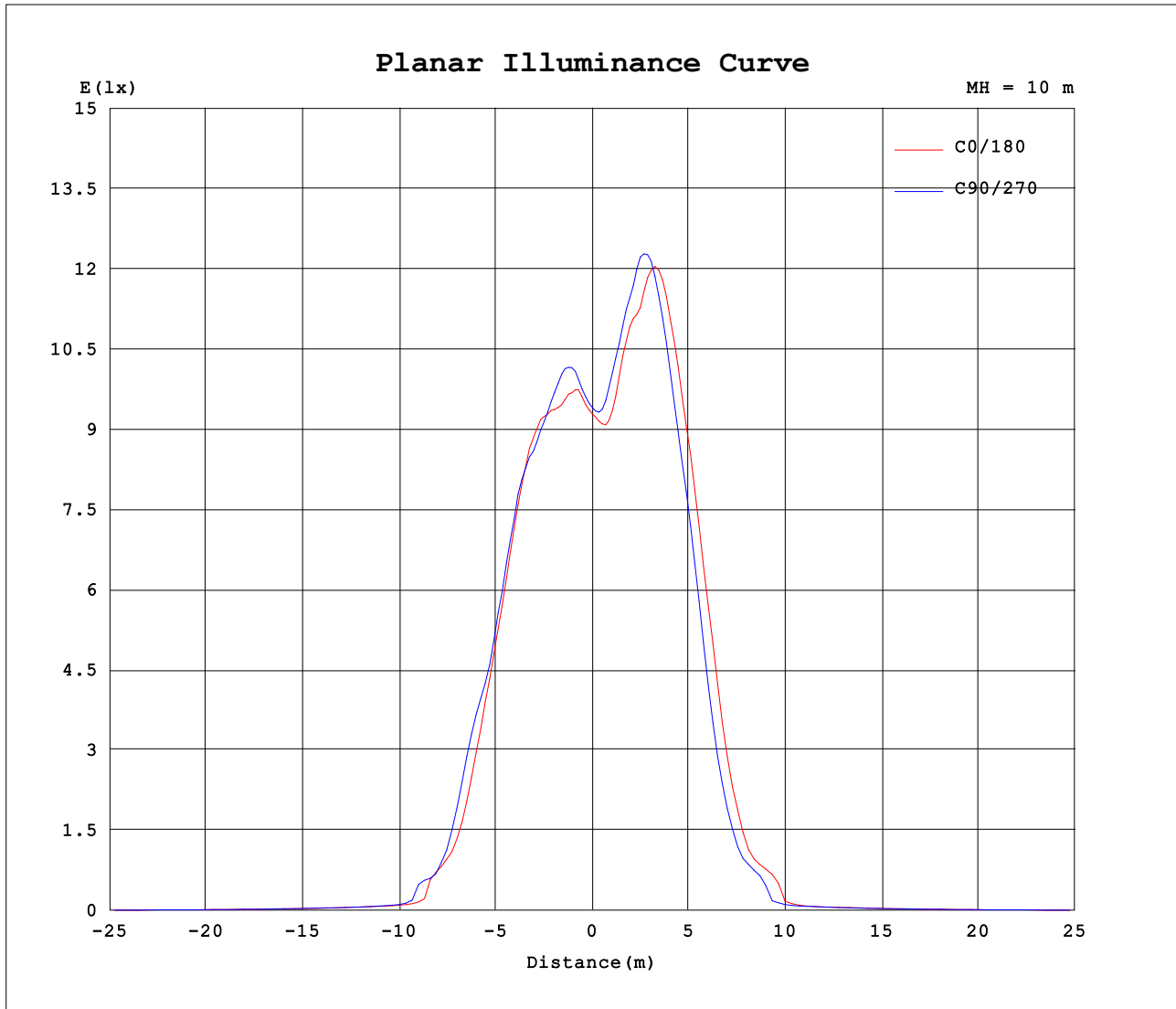
Test:U:120.5V I:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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

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:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	929	919	913	915	937	940	941	941	941	938	938	935	929	919	913	915	937	940	941
5	985	967	947	941	956	984	1020	1053	1084	1105	1121	1129	927	955	997	1030	1058	1028	990
10	985	949	941	943	962	993	1032	1087	1157	1214	1267	1292	1115	1160	1195	1215	1237	1212	1177
15	1019	928	851	851	879	919	997	1112	1224	1297	1364	1404	1284	1344	1403	1412	1411	1393	1363
20	961	907	843	795	816	878	972	1056	1117	1180	1212	1254	1421	1393	1370	1338	1305	1318	1337
25	767	777	755	713	720	761	802	858	882	909	912	942	1291	1243	1173	1111	1072	1098	1126
30	525	597	617	621	615	616	612	599	570	535	495	490	992	888	782	691	640	699	771
35	246	325	409	447	460	419	353	290	234	219	210	210	526	391	297	266	262	303	349
40	128	154	167	175	188	165	135	128	131	88.1	48.7	45.3	215	176	159	153	142	162	167
45	28.2	30.8	37.1	42.1	44.5	37.8	32.2	29.7	28.3	27.5	26.9	26.6	49.4	34.7	29.2	28.1	27.7	28.6	31.5
50	25.4	26.3	27.1	27.4	27.5	27.0	26.5	25.9	25.3	24.8	24.3	24.0	26.7	25.8	25.1	24.7	24.6	25.0	25.5
55	22.8	23.8	24.5	24.9	24.9	24.5	23.9	23.4	22.7	22.2	21.7	21.4	24.1	23.2	22.5	22.1	22.0	22.4	22.9
60	20.1	21.1	21.9	22.3	22.4	21.9	21.3	20.7	20.0	19.4	18.9	18.5	21.5	20.5	19.8	19.4	19.2	19.7	20.3
65	17.1	18.2	19.1	19.5	19.6	19.1	18.4	17.7	16.9	16.3	15.7	15.4	18.6	17.6	16.8	16.3	16.2	16.7	17.3
70	13.7	14.9	15.8	16.3	16.4	15.8	15.1	14.3	13.5	12.9	12.3	11.9	15.5	14.4	13.5	13.0	12.9	13.4	14.1
75	10.0	11.2	12.2	12.6	12.8	12.2	11.4	10.7	9.91	9.29	8.74	8.43	12.1	10.9	10.0	9.56	9.38	9.91	10.6
80	6.29	6.71	8.53	8.98	9.13	8.54	7.80	7.07	6.29	5.68	5.10	4.79	8.57	7.43	6.52	6.05	5.87	6.40	7.10
85	2.06	2.35	4.58	5.10	5.28	4.66	3.82	3.07	2.24	1.66	1.07	0.81	4.96	3.72	2.74	2.19	2.02	2.53	3.32
90	0.00	0.00	0.10	0.67	0.86	0.25	0.01	0.00	0.00	0.00	0.00	0.00	1.01	0.01	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	0.01	0.00	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	0.07	0.10	0.01	0.04	0.00	0.04	0.02	0.07	0.03	0.07	0.03	0.07	0.00	0.00	0.03	0.00	0.04	0.00	0.03
135	0.14	0.19	0.11	0.13	0.10	0.15	0.11	0.16	0.11	0.15	0.12	0.15	0.08	0.09	0.11	0.09	0.13	0.08	0.10
140	0.22	0.27	0.19	0.23	0.19	0.22	0.19	0.24	0.20	0.24	0.19	0.22	0.17	0.13	0.20	0.16	0.20	0.16	0.20
145	0.29	0.34	0.28	0.32	0.29	0.31	0.27	0.32	0.29	0.29	0.27	0.29	0.25	0.23	0.27	0.25	0.28	0.24	0.27
150	0.38	0.40	0.34	0.38	0.34	0.38	0.34	0.37	0.34	0.36	0.33	0.36	0.33	0.31	0.36	0.33	0.38	0.32	0.36
155	0.41	0.45	0.39	0.42	0.39	0.42	0.40	0.42	0.38	0.41	0.39	0.43	0.40	0.38	0.44	0.40	0.46	0.40	0.44
160	0.45	0.48	0.42	0.45	0.41	0.47	0.43	0.45	0.42	0.47	0.43	0.49	0.48	0.46	0.51	0.50	0.52	0.50	0.50
165	0.51	0.54	0.48	0.50	0.48	0.51	0.50	0.50	0.50	0.53	0.51	0.57	0.54	0.52	0.59	0.57	0.59	0.55	0.57
170	0.58	0.61	0.52	0.57	0.52	0.57	0.53	0.58	0.55	0.61	0.60	0.63	0.61	0.59	0.64	0.61	0.65	0.60	0.63
175	0.61	0.65	0.60	0.64	0.59	0.64	0.60	0.65	0.63	0.66	0.63	0.65	0.64	0.63	0.65	0.64	0.66	0.64	0.64
180	0.65	0.65	0.64	0.64	0.63	0.65	0.65	0.65	0.64	0.66	0.64	0.65	0.64	0.64	0.65	0.65	0.66	0.64	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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.1204A P:12.69W PF:0.8746 Lamp Flux:1207.35x1 lm		
NAME: ADL 12.5W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 12.5W ADR9.5WH 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	941	941	938	938	935														
5	958	928	912	909	915														
10	1137	1097	1062	1024	1003														
15	1306	1243	1198	1143	1070														
20	1338	1327	1310	1254	1136														
25	1174	1200	1172	1142	1080														
30	826	861	903	903	857														
35	398	452	485	532	551														
40	169	185	211	239	259														
45	37.5	45.5	59.6	126	139														
50	26.0	26.6	27.1	27.9	28.4														
55	23.4	24.1	24.6	25.1	25.4														
60	20.8	21.5	22.0	22.5	22.8														
65	18.0	18.7	19.3	19.8	20.2														
70	14.8	15.5	16.2	16.8	17.2														
75	11.3	12.0	12.7	13.3	13.7														
80	7.76	8.51	9.12	9.73	10.1														
85	4.02	4.82	5.45	6.05	6.40														
90	0.00	0.73	1.31	1.94	2.23														
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	0.03	0.00	0.03	0.00														
135	0.10	0.10	0.10	0.10	0.10														
140	0.16	0.19	0.16	0.20	0.18														
145	0.23	0.27	0.24	0.28	0.26														
150	0.33	0.36	0.32	0.36	0.33														
155	0.40	0.42	0.38	0.41	0.39														
160	0.45	0.48	0.43	0.46	0.42														
165	0.52	0.52	0.50	0.50	0.50														
170	0.59	0.60	0.54	0.57	0.53														
175	0.63	0.66	0.63	0.64	0.60														
180	0.65	0.66	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