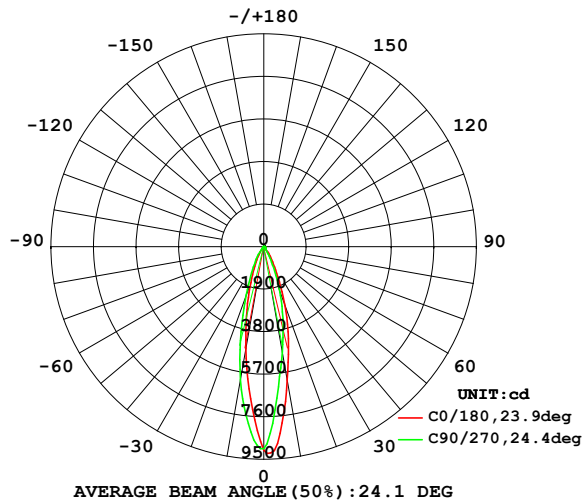


LUMINAIRE PHOTOMETRIC TEST REPORT

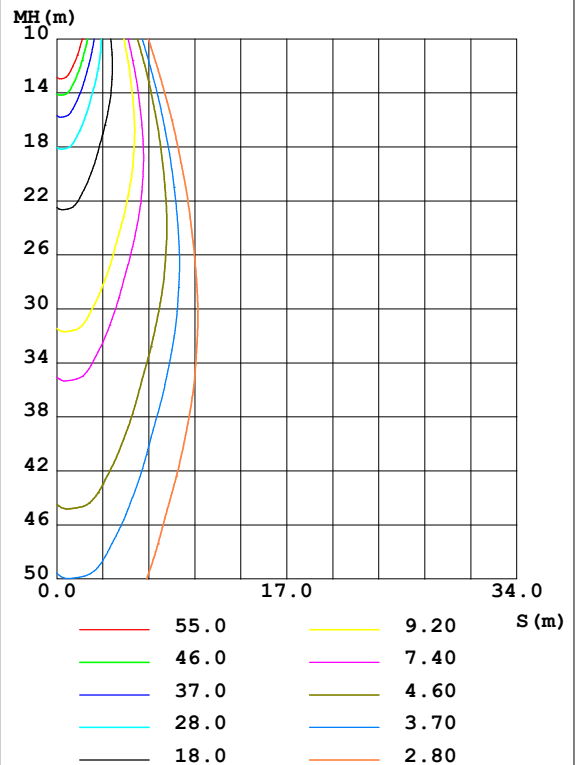
Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.63 lm/W			
MODEL		I _{max} (cd)	9472	S/MH (C0/180)	0.34
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH (C90/270)	0.45
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	2562.7	η UP,DN (C0-180)	0.0,47.3
NOMINAL FLUX(lm)	2562.71	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.1,52.6
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:2018-05-30

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum
10	6049	5284	4783	4530	4614	5135	6039	6603	0- 10	648.3	648.3	25.3
20	2733	2511	2066	1740	1705	1892	2303	2727	10- 20	994.2	1643	64.1
30	801.5	618.2	497.5	508.8	559.3	630.4	769.9	870.5	20- 30	575.5	2218	86.5
40	131.8	114.1	103.6	94.39	93.36	100.9	115.0	129.8	30- 40	204.9	2423	94.5
50	47.28	46.68	44.40	41.23	39.54	39.55	42.16	45.58	40- 50	54.62	2477	96.7
60	34.60	34.19	32.64	30.36	28.91	28.61	30.44	33.25	50- 60	33.21	2511	98
70	24.36	23.91	22.37	20.25	19.07	19.00	20.72	23.21	60- 70	26.35	2537	99
80	13.78	13.19	11.51	9.391	8.460	8.732	10.50	12.83	70- 80	17.30	2554	99.7
90	1.802	0.5162	0	0	0	0	0	1.412	80- 90	5.826	2560	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0373	2560	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2560	99.9
120	0	0	0	0	0.0065	0	0	0	110-120	0.0000	2560	99.9
130	0.0956	0.1725	0.2167	0.3326	0.4151	0.2935	0.2619	0.1722	120-130	0.0702	2560	99.9
140	0.6190	0.7476	0.8104	0.9322	1.067	0.9185	0.8497	0.7334	130-140	0.3976	2561	99.9
150	1.232	1.334	1.359	1.455	1.615	1.518	1.462	1.352	140-150	0.7083	2561	99.9
160	1.608	1.653	1.665	1.634	1.755	1.723	1.755	1.717	150-160	0.7309	2562	100
170	1.634	1.563	1.577	1.468	1.544	1.615	1.646	1.698	160-170	0.4751	2563	100
180	1.436	1.442	1.442	1.462	1.423	1.455	1.442	1.474	170-180	0.1460	2563	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

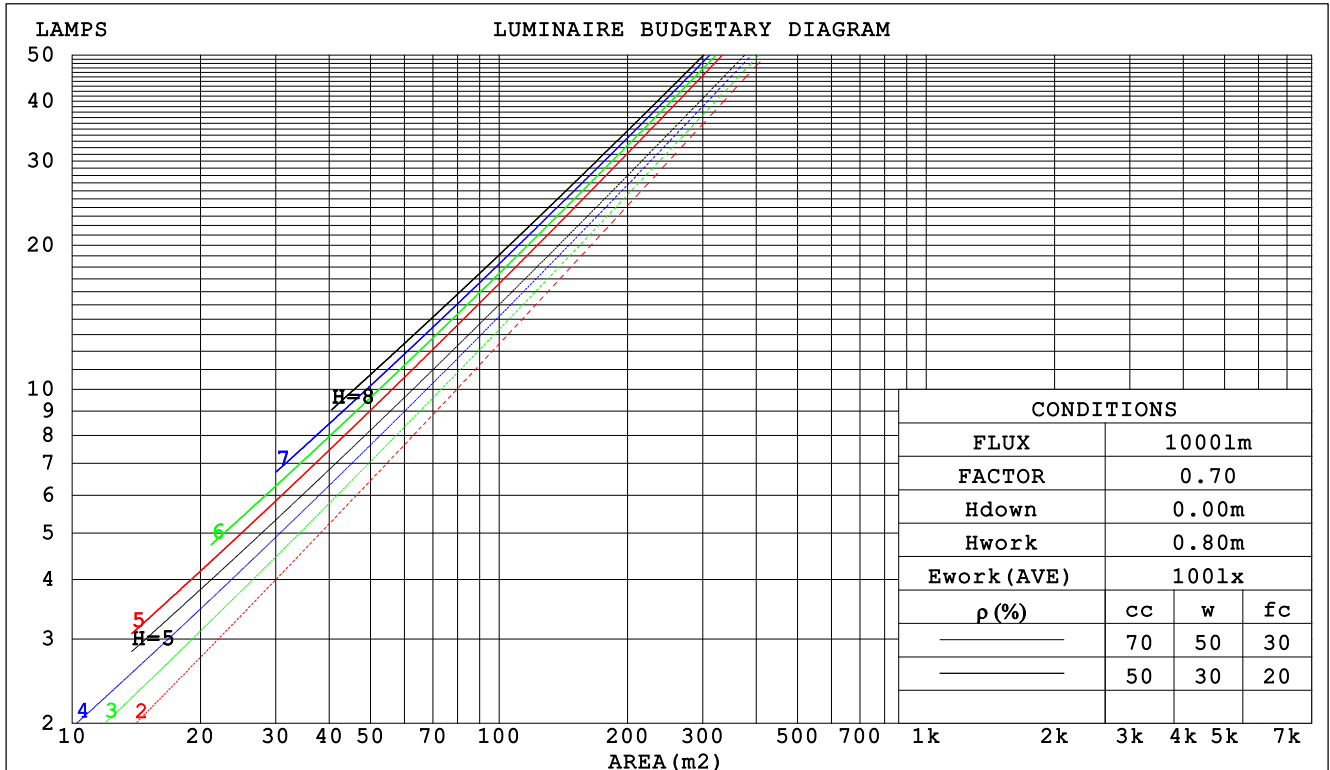
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	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	1.12	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	.00	.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	.80	.75	.71	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
9.0	.77	.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:2018-05-30

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:

WEC AND CCEC

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	.087	.028	.141	.081	.026	.129	.075	.024	.119	.069	.022		
2.0	.150	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.020		
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.111	.061	.019		
4.0	.131	.068	.020	.127	.067	.020	.120	.064	.019	.113	.061	.018	.106	.058	.018		
5.0	.124	.063	.018	.120	.062	.018	.114	.059	.017	.108	.057	.017	.102	.055	.016		
6.0	.117	.059	.017	.114	.058	.017	.109	.056	.016	.103	.054	.016	.099	.052	.015		
7.0	.111	.055	.016	.109	.054	.015	.104	.053	.015	.099	.051	.015	.095	.049	.014		
8.0	.106	.052	.015	.104	.051	.014	.100	.050	.014	.095	.048	.014	.092	.047	.014		
9.0	.101	.049	.014	.099	.048	.014	.096	.047	.013	.092	.046	.013	.088	.045	.013		
10.0	.097	.047	.013	.095	.046	.013	.092	.045	.013	.089	.044	.012	.085	.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	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.171	.158	.147	.146	.136	.126	.100	.093	.087	.058	.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	.099	.081	.083	.068	.057	.048	.040	.034	.015	.013	.011	
4.0	.129	.099	.077	.110	.086	.067	.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	.007	
7.0	.103	.070	.046	.089	.060	.040	.061	.042	.028	.036	.025	.017	.012	.008	.006	
8.0	.097	.063	.040	.083	.055	.035	.058	.038	.025	.034	.023	.015	.011	.007	.005	
9.0	.091	.058	.035	.079	.050	.030	.055	.035	.021	.032	.021	.013	.010	.007	.004	
10.0	.087	.053	.030	.075	.046	.027	.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:2018-05-30

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:

UGR(Unified Glare Rating) Table

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm										
NAME: ADL 30W ADR9.5WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 30W 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	3.4	4.2	3.7	4.4	4.5	1.8	2.6	2.0	2.7	2.9
3H	4.1	4.8	4.4	5.0	5.2	2.8	3.5	3.0	3.7	3.9
4H	4.5	5.2	4.8	5.4	5.7	3.3	4.0	3.5	4.2	4.4
6H	5.0	5.6	5.2	5.8	6.1	3.8	4.4	4.0	4.6	4.9
8H	5.2	5.8	5.5	6.0	6.3	3.9	4.6	4.2	4.8	5.1
12H	5.3	5.9	5.7	6.2	6.5	4.1	4.7	4.4	4.9	5.2
4H 2H	3.6	4.3	3.8	4.5	4.7	2.1	2.8	2.4	3.0	3.2
3H	4.5	5.1	4.8	5.3	5.6	3.4	4.0	3.7	4.2	4.5
4H	5.1	5.6	5.4	5.9	6.2	4.1	4.6	4.4	4.9	5.2
6H	5.7	6.2	6.0	6.5	6.8	4.7	5.2	5.1	5.5	5.9
8H	6.0	6.4	6.4	6.8	7.1	5.0	5.4	5.3	5.8	6.1
12H	6.2	6.6	6.6	7.0	7.4	5.1	5.5	5.5	5.9	6.3
8H 4H	5.3	5.7	5.6	6.1	6.4	4.4	4.8	4.7	5.2	5.5
6H	6.0	6.4	6.5	6.8	7.2	5.2	5.6	5.6	5.9	6.4
8H	6.4	6.8	6.9	7.2	7.6	5.5	5.9	6.0	6.3	6.7
12H	6.8	7.1	7.3	7.6	8.0	5.8	6.1	6.3	6.6	7.0
12H 4H	5.3	5.7	5.7	6.1	6.4	4.4	4.8	4.8	5.2	5.6
6H	6.1	6.4	6.5	6.8	7.3	5.3	5.6	5.7	6.0	6.5
8H	6.5	6.8	7.0	7.3	7.7	5.7	6.0	6.2	6.4	6.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 0.7					+ 0.3 / - 0.4				
1.5H	+ 2.8 / - 0.7					+ 0.5 / - 0.4				
2.0H	+ 0.7 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 2563 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:

UTILIZATION FACTORS TABLE

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	94	89
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	105	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					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:

ISOCANDELA DIAGRAM

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2456.1 lm

%lum = 95.8%

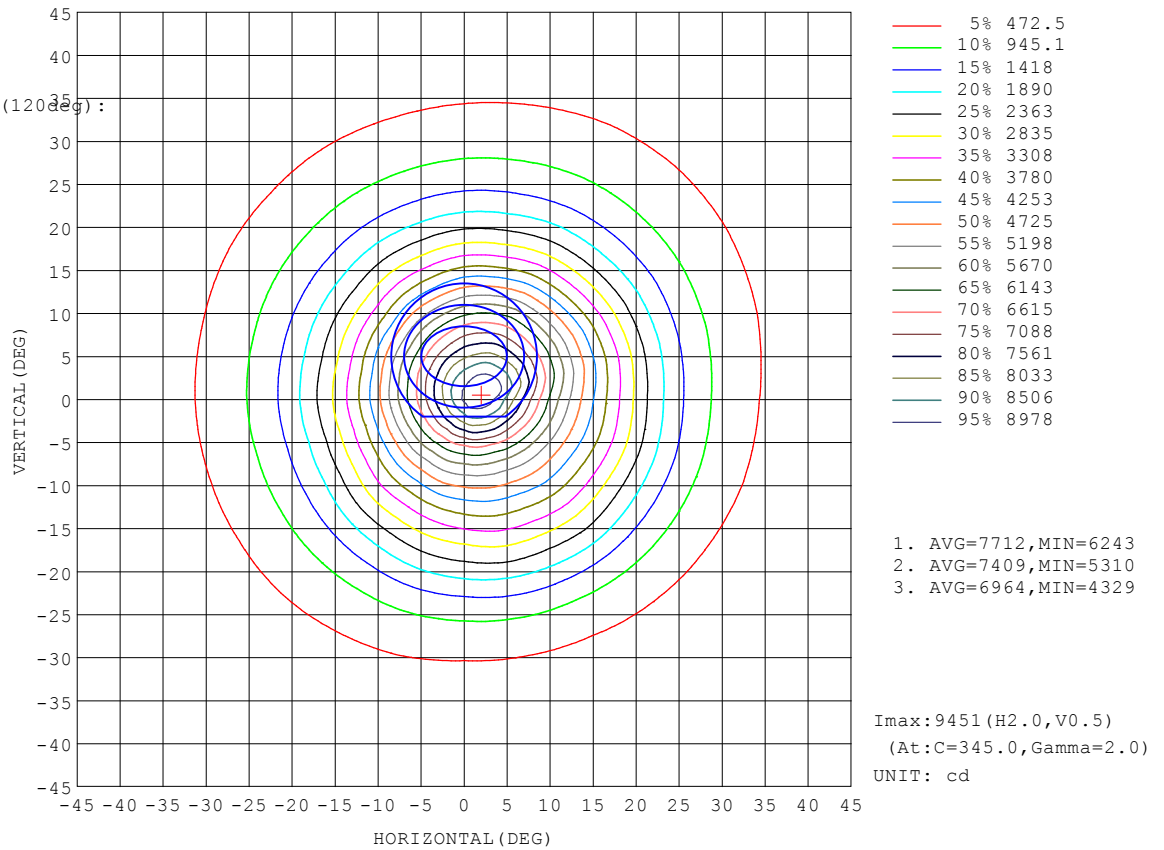
%lamp = 95.8%

Conical surface Flux(120deg):

2510.7 lm

%lum = 98.0%

%lamp = 98.0%

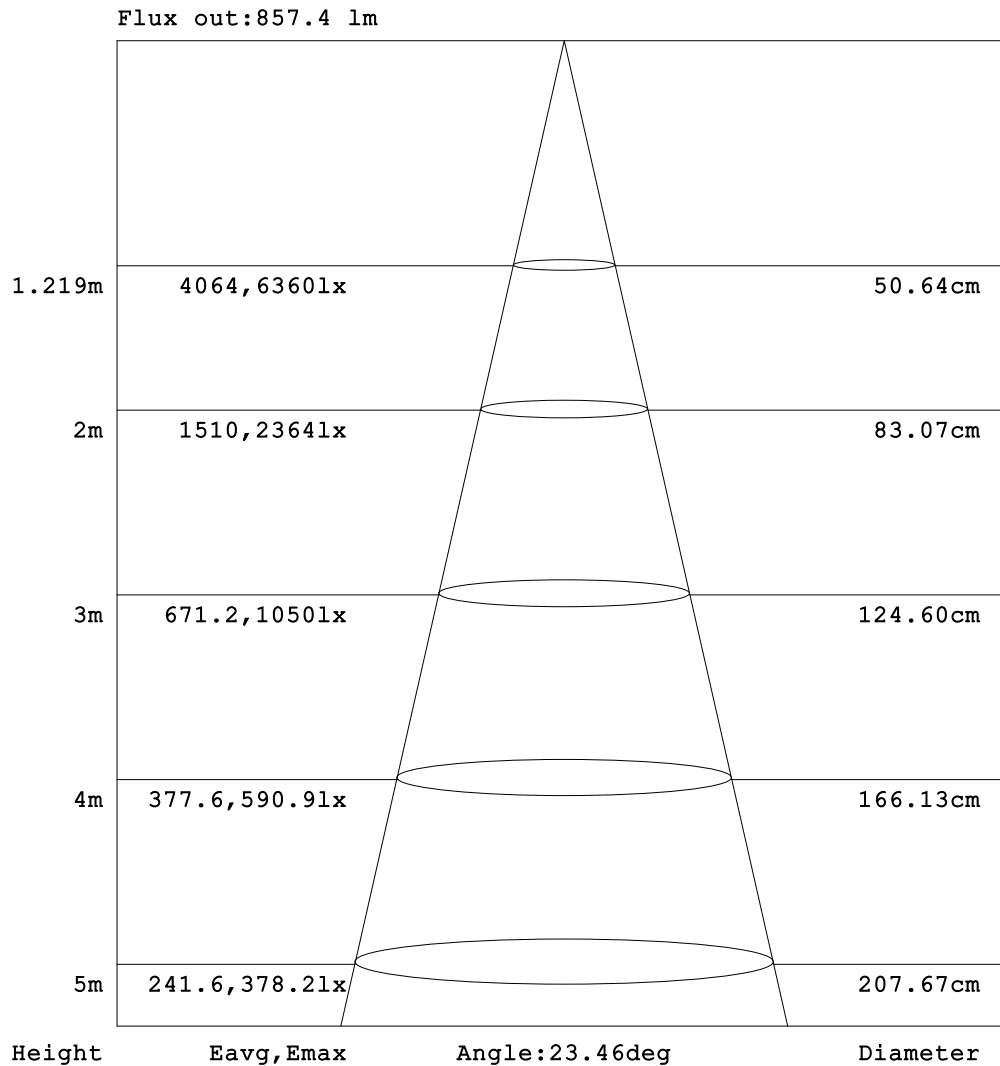


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:

AAI Figure

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



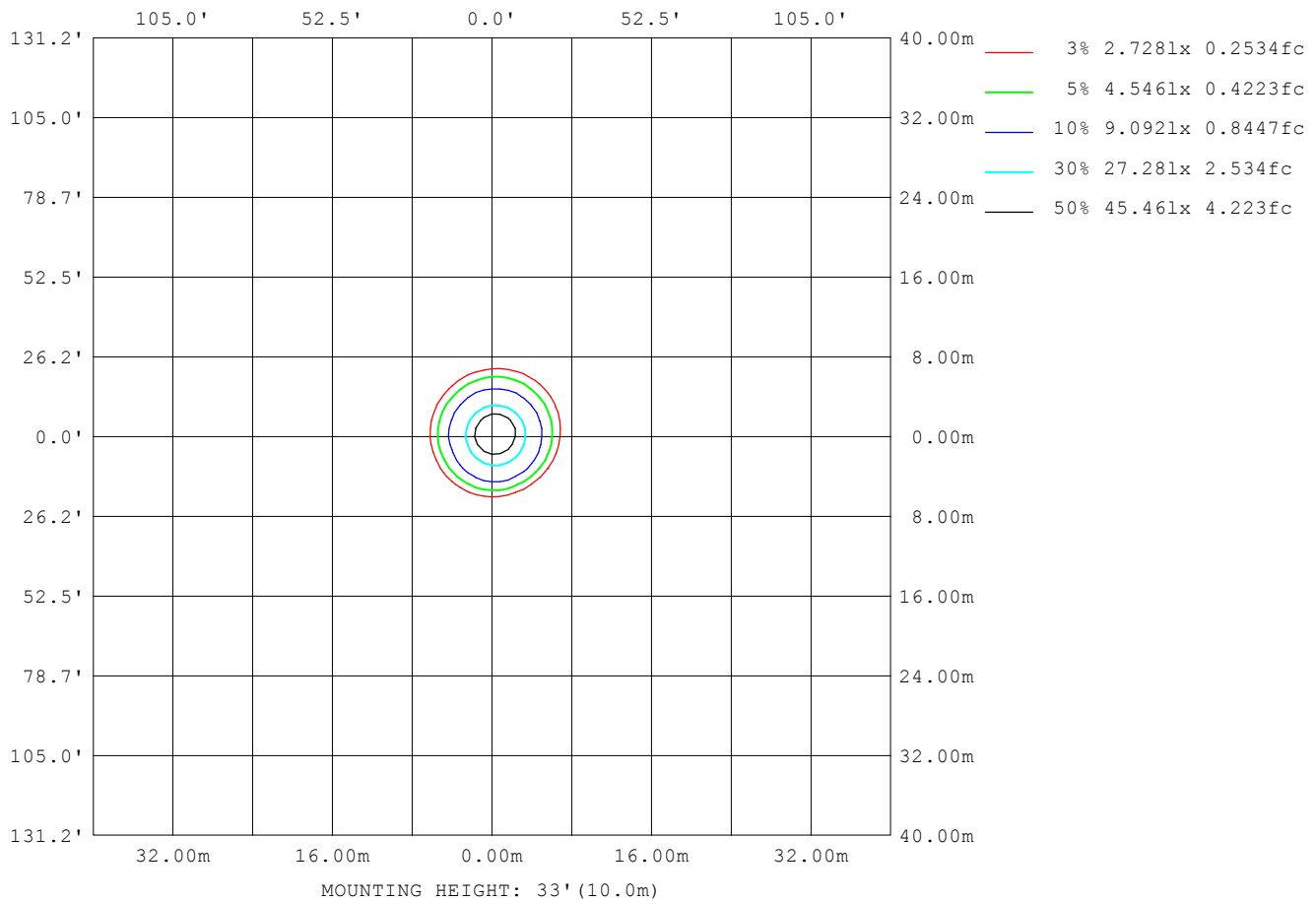
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:

ISOLUX DIAGRAM

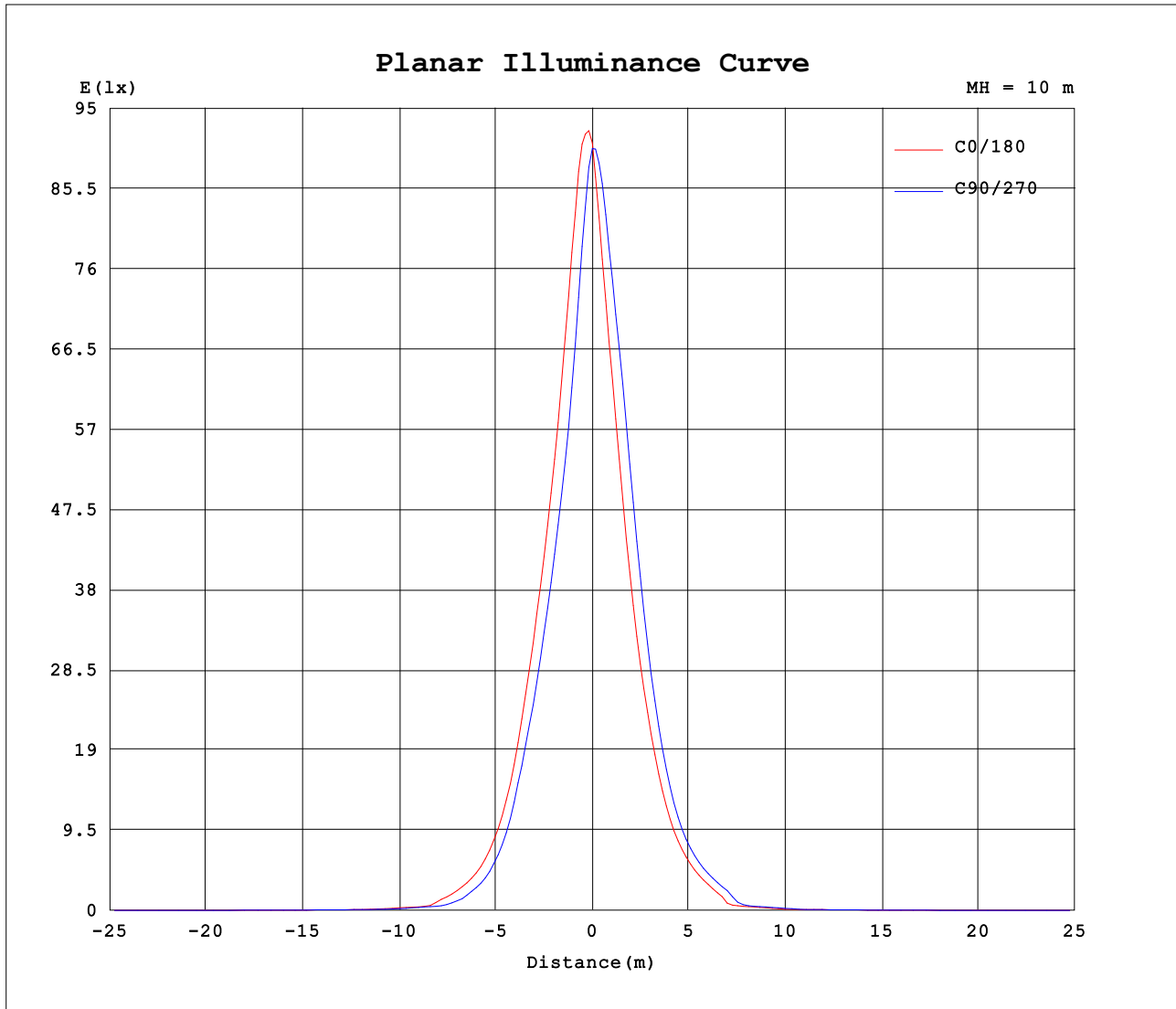
Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Aaron
 Test Date: 2018-05-30

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	9092	9086	9101	9085	9085	9076	9028	9025	9017	9058	9068	9116	9092	9086	9101	9085	9085	9076	9028
5	8362	8125	7767	7505	7190	7023	6794	6723	6607	6628	6620	6705	6817	6917	7107	7264	7489	7735	7940
10	6049	5799	5500	5284	5052	4914	4783	4714	4572	4530	4482	4482	4614	4702	4930	5135	5457	5723	6039
15	4271	4140	3947	3829	3634	3520	3324	3181	3039	2985	2836	2808	2916	2928	3071	3215	3460	3650	3937
20	2733	2710	2573	2511	2334	2244	2066	1972	1830	1740	1657	1633	1705	1745	1814	1892	2041	2148	2303
25	1513	1484	1396	1305	1195	1124	1050	1014	960	937	920	930	972	994	1036	1083	1156	1213	1292
30	802	762	688	618	546	521	497	510	503	509	513	529	559	574	609	630	678	715	770
35	433	385	310	261	228	215	210	215	199	162	171	149	163	223	198	260	304	393	434
40	132	126	118	114	110	106	104	98.8	96.9	94.4	92.9	90.4	93.4	95.3	99.5	101	108	110	115
45	89.1	88.0	84.3	80.5	72.6	69.3	65.0	58.5	51.8	49.5	47.4	46.6	47.5	47.7	49.2	52.3	64.0	67.6	76.4
50	47.3	47.4	47.1	46.7	46.0	45.4	44.4	43.4	42.2	41.2	40.2	39.5	39.5	39.2	39.3	39.5	40.3	41.0	42.2
55	40.3	40.4	40.1	39.8	39.2	38.7	38.0	37.3	36.3	35.5	34.6	34.0	33.9	33.6	33.5	33.6	34.1	34.7	35.7
60	34.6	34.7	34.5	34.2	33.7	33.2	32.6	32.0	31.1	30.4	29.6	29.0	28.9	28.6	28.5	28.6	29.0	29.6	30.4
65	29.4	29.5	29.3	29.0	28.5	28.1	27.5	26.9	26.1	25.4	24.6	24.1	24.0	23.8	23.8	23.8	24.3	24.8	25.6
70	24.4	24.4	24.2	23.9	23.4	23.0	22.4	21.7	20.9	20.3	19.5	19.0	19.1	18.8	18.9	19.0	19.5	19.9	20.7
75	19.2	19.2	18.9	18.7	18.1	17.7	17.0	16.4	15.6	15.0	14.2	13.8	13.9	13.7	13.8	13.9	14.4	14.9	15.7
80	13.8	13.8	13.5	13.2	12.6	12.2	11.5	10.9	10.0	9.39	8.70	8.33	8.46	8.36	8.51	8.73	9.25	9.74	10.5
85	8.12	8.05	7.69	7.31	6.65	6.08	5.30	4.55	3.65	3.01	2.38	2.13	2.50	2.55	2.94	3.26	3.88	4.40	5.16
90	1.80	1.58	1.07	0.52	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
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	0.01	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.01	0.00	0.05	0.03	0.09	0.09	0.11	0.10	0.13	0.16	0.11	0.15	0.09	0.10	0.04	0.06
130	0.10	0.15	0.13	0.17	0.17	0.24	0.22	0.31	0.29	0.33	0.31	0.36	0.42	0.34	0.36	0.29	0.31	0.24	0.26
135	0.33	0.37	0.38	0.43	0.43	0.50	0.50	0.57	0.57	0.61	0.61	0.64	0.72	0.65	0.66	0.58	0.57	0.50	0.52
140	0.62	0.68	0.69	0.75	0.74	0.80	0.81	0.87	0.91	0.93	0.92	0.96	1.07	0.98	0.99	0.92	0.91	0.85	0.85
145	0.94	0.99	0.99	1.06	1.05	1.12	1.10	1.17	1.17	1.23	1.22	1.26	1.39	1.30	1.32	1.25	1.24	1.18	1.19
150	1.23	1.28	1.28	1.33	1.32	1.39	1.36	1.42	1.41	1.46	1.45	1.49	1.61	1.52	1.58	1.52	1.51	1.47	1.46
155	1.45	1.51	1.50	1.54	1.53	1.60	1.56	1.60	1.57	1.61	1.58	1.61	1.75	1.70	1.73	1.67	1.70	1.66	1.67
160	1.61	1.63	1.61	1.65	1.65	1.68	1.67	1.67	1.64	1.63	1.64	1.66	1.75	1.73	1.74	1.72	1.74	1.74	1.76
165	1.65	1.64	1.67	1.65	1.69	1.67	1.67	1.62	1.63	1.58	1.61	1.60	1.70	1.72	1.70	1.72	1.72	1.74	1.74
170	1.63	1.58	1.61	1.56	1.61	1.56	1.58	1.51	1.53	1.47	1.50	1.47	1.54	1.60	1.58	1.61	1.60	1.67	1.65
175	1.53	1.48	1.50	1.48	1.50	1.46	1.47	1.44	1.46	1.44	1.44	1.41	1.43	1.48	1.47	1.51	1.49	1.53	1.51
180	1.44	1.44	1.44	1.44	1.46	1.44	1.44	1.44	1.45	1.46	1.46	1.45	1.42	1.42	1.44	1.46	1.44	1.44	1.44

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.830m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.2722A P:32.59W PF:0.9945 Lamp Flux:2562.71x1 lm		
NAME: ADL 30W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	9025	9017	9058	9068	9116														
5	8187	8503	8663	8847	8844														
10	6307	6538	6603	6648	6534														
15	4112	4380	4480	4587	4531														
20	2415	2609	2727	2846	2863														
25	1358	1461	1520	1584	1577														
30	813	857	871	883	865														
35	474	516	527	527	496														
40	118	128	130	144	147														
45	78.6	86.1	87.7	93.5	92.6														
50	43.3	44.6	45.6	46.6	47.3														
55	36.7	37.9	38.8	39.8	40.4														
60	31.3	32.4	33.2	34.1	34.6														
65	26.4	27.4	28.2	29.0	29.4														
70	21.5	22.4	23.2	24.0	24.4														
75	16.4	17.4	18.1	18.9	19.2														
80	11.2	12.1	12.8	13.6	13.9														
85	5.86	6.72	7.37	8.03	8.35														
90	0.07	0.89	1.41	2.01	2.20														
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	0.03	0.00	0.03	0.00														
130	0.19	0.22	0.17	0.20	0.15														
135	0.45	0.46	0.42	0.44	0.40														
140	0.78	0.77	0.73	0.75	0.71														
145	1.10	1.10	1.07	1.09	1.03														
150	1.42	1.40	1.35	1.39	1.32														
155	1.63	1.63	1.58	1.62	1.55														
160	1.74	1.75	1.72	1.76	1.71														
165	1.77	1.74	1.74	1.75	1.75														
170	1.71	1.68	1.70	1.68	1.72														
175	1.58	1.56	1.58	1.56	1.58														
180	1.46	1.46	1.47	1.46	1.45														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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: