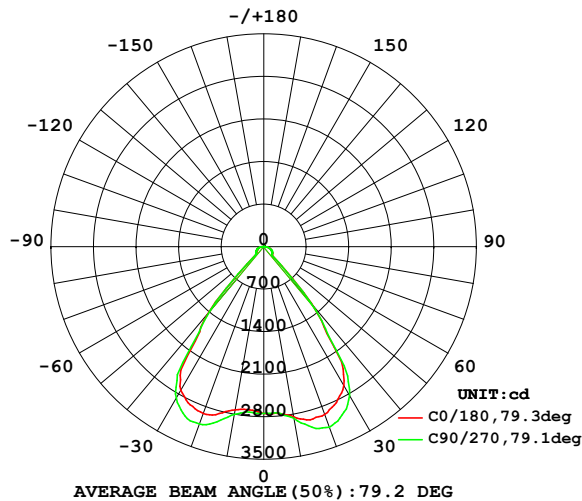


LUMINAIRE PHOTOMETRIC TEST REPORT

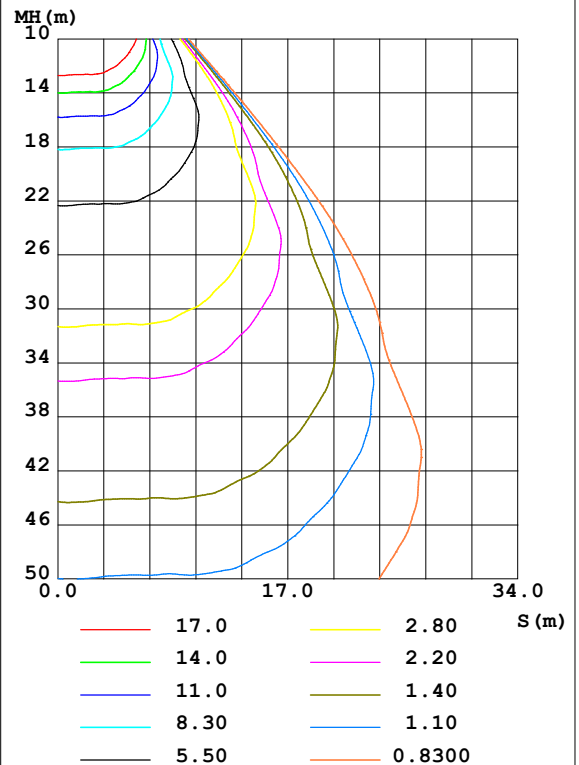
Test:U:120.4V I:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.89 lm/W			
MODEL		I _{max} (cd)	3163	S/MH (C0/180)	1.17
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.16
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	4518.2	η UP, DN (C0-180)	0.1, 49.5
NOMINAL FLUX (lm)	4518.17	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 50.4
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	0.80

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: 2018-06-01

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	2838	2883	2870	2812	2729	2753	2801	2834	0- 10	263.9	263.9	5.84
20	2939	3079	3163	3079	2918	3026	3104	3017	10- 20	840.7	1105	24.4
30	2634	2729	2826	2816	2732	2841	2881	2741	20- 30	1361	2465	54.6
40	1222	1172	1202	1326	1403	1405	1370	1298	30- 40	1306	3771	83.5
50	182.8	183.1	180.1	175.1	171.1	171.2	175.5	180.3	40- 50	329.6	4101	90.8
60	154.6	154.9	152.4	147.9	144.2	144.3	148.0	152.5	50- 60	146.6	4247	94
70	120.7	120.7	118.9	115.8	113.0	113.1	116.2	119.5	60- 70	133.2	4381	97
80	65.79	64.90	64.58	65.15	65.36	65.75	66.88	66.79	70- 80	98.90	4479	99.1
90	0.0002	0	0.0001	0	0	0.0274	0	0.0072	80- 90	33.48	4513	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0005	4513	99.9
110	0.1717	0.2046	0.1655	0.1854	0.1598	0.0957	0.1472	0.1276	100-110	0.0411	4513	99.9
120	0.5551	0.6066	0.5743	0.5749	0.5426	0.4913	0.5491	0.5295	110-120	0.3387	4513	99.9
130	1.078	1.111	1.078	1.073	1.060	1.008	1.072	1.046	120-130	0.7132	4514	99.9
140	1.588	1.609	1.570	1.577	1.583	1.551	1.571	1.608	130-140	1.022	4515	99.9
150	2.023	2.023	1.985	1.991	2.017	1.965	1.991	1.991	140-150	1.126	4516	100
160	2.367	2.336	2.336	2.317	2.343	2.291	2.310	2.329	150-160	0.9944	4517	100
170	2.839	2.841	2.820	2.809	2.777	2.788	2.745	2.795	160-170	0.7185	4518	100
180	3.115	3.108	3.070	3.095	3.095	3.095	3.076	3.095	170-180	0.2801	4518	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

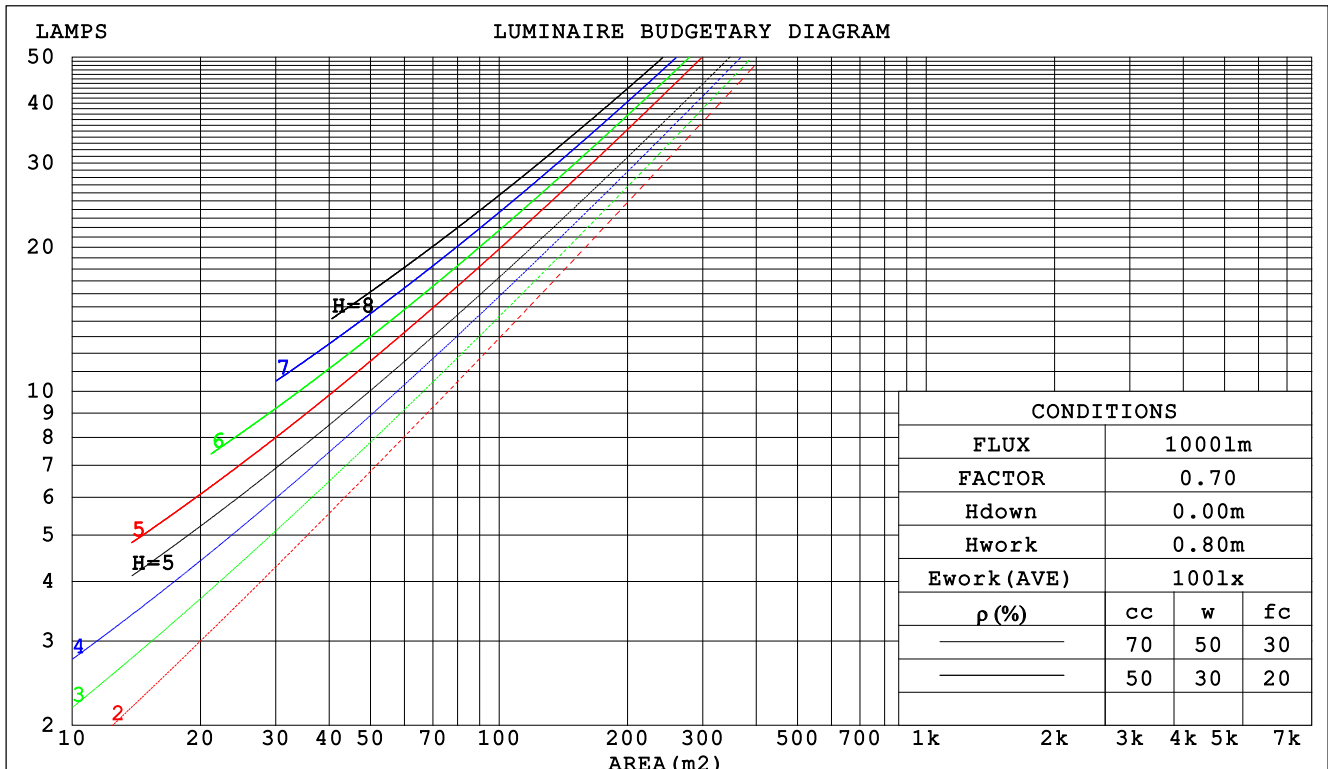
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	1.06	1.03	1.06	1.04	1.01	1.02	1.00	.98	.98	.97	.95	.95	.94	.92	.90
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.86	.83	.82
3.0	.91	.85	.80	.90	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.84	.77	.72	.83	.76	.72	.80	.75	.71	.78	.74	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.73	.68	.64	.71	.67	.63	.62
6.0	.72	.65	.60	.71	.64	.59	.69	.63	.59	.68	.62	.59	.66	.62	.58	.56
7.0	.66	.59	.55	.66	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.48
9.0	.58	.51	.46	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.47	.43	.53	.47	.43	.53	.47	.43	.52	.46	.43	.51	.46	.42	.41



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	.218	.124	.039	.211	.121	.038	.199	.114	.036	.187	.108	.035	.176	.102	.033		
2.0	.207	.113	.035	.201	.111	.034	.190	.106	.033	.180	.101	.032	.171	.097	.030		
3.0	.195	.104	.031	.190	.102	.031	.181	.098	.030	.172	.094	.029	.164	.091	.028		
4.0	.184	.096	.028	.180	.094	.028	.171	.091	.027	.164	.088	.027	.157	.085	.026		
5.0	.174	.089	.026	.170	.087	.025	.163	.085	.025	.156	.082	.025	.150	.080	.024		
6.0	.165	.083	.024	.162	.082	.023	.155	.079	.023	.149	.077	.023	.143	.075	.022		
7.0	.157	.077	.022	.154	.076	.022	.148	.075	.022	.142	.073	.021	.137	.071	.021		
8.0	.149	.073	.020	.146	.072	.020	.141	.070	.020	.136	.069	.020	.132	.068	.020		
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.065	.019	.126	.064	.019		
10.0	.136	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.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	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.175	.158	.142	.150	.135	.123	.102	.093	.085	.059	.054	.049	.019	.017	.016	
2.0	.162	.133	.109	.139	.115	.094	.095	.079	.066	.055	.046	.039	.018	.015	.013	
3.0	.151	.115	.086	.129	.099	.074	.089	.069	.052	.051	.040	.031	.016	.013	.010	
4.0	.142	.100	.069	.122	.087	.060	.084	.060	.042	.048	.035	.025	.016	.012	.008	
5.0	.134	.089	.056	.115	.077	.049	.079	.054	.035	.046	.032	.021	.015	.010	.007	
6.0	.127	.080	.047	.109	.070	.041	.075	.049	.029	.044	.029	.017	.014	.009	.006	
7.0	.120	.073	.040	.104	.063	.035	.072	.044	.025	.042	.026	.015	.013	.009	.005	
8.0	.115	.067	.034	.099	.058	.030	.068	.041	.021	.040	.024	.013	.013	.008	.004	
9.0	.110	.062	.030	.094	.054	.026	.065	.038	.019	.038	.022	.011	.012	.007	.004	
10.0	.105	.058	.026	.090	.050	.023	.063	.035	.016	.037	.021	.010	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm										
NAME: ADL 60W ADR8WH 80°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W ADR8WH 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	12.5	13.6	12.7	13.8	14.0	12.6	13.8	12.9	13.9	14.1
3H	13.1	14.1	13.4	14.4	14.6	13.2	14.3	13.5	14.5	14.7
4H	13.5	14.5	13.8	14.8	15.0	13.6	14.6	13.9	14.8	15.1
6H	14.0	14.9	14.3	15.1	15.4	14.0	14.9	14.3	15.2	15.5
8H	14.1	15.0	14.4	15.3	15.5	14.2	15.1	14.5	15.3	15.6
12H	14.2	15.1	14.5	15.3	15.6	14.3	15.1	14.6	15.4	15.7
4H 2H	12.5	13.5	12.8	13.7	14.0	12.7	13.7	13.0	13.9	14.1
3H	13.4	14.3	13.8	14.6	14.9	13.5	14.4	13.9	14.7	14.9
4H	14.1	14.8	14.4	15.1	15.5	14.1	14.9	14.5	15.2	15.5
6H	14.7	15.4	15.1	15.7	16.0	14.7	15.4	15.1	15.7	16.1
8H	14.9	15.5	15.3	15.9	16.3	14.9	15.6	15.3	15.9	16.3
12H	15.1	15.6	15.5	16.0	16.4	15.1	15.7	15.5	16.0	16.4
8H 4H	14.3	14.9	14.7	15.3	15.7	14.3	15.0	14.8	15.3	15.7
6H	15.1	15.6	15.5	16.0	16.4	15.1	15.6	15.5	16.0	16.4
8H	15.4	15.8	15.8	16.3	16.7	15.4	15.9	15.9	16.3	16.7
12H	15.6	16.0	16.1	16.5	16.9	15.6	16.0	16.1	16.5	16.9
12H 4H	14.3	14.9	14.7	15.3	15.7	14.4	14.9	14.8	15.3	15.7
6H	15.1	15.6	15.6	16.0	16.5	15.2	15.6	15.6	16.0	16.5
8H	15.5	15.9	16.0	16.3	16.8	15.5	15.9	16.0	16.3	16.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.2					+ 1.3 / - 1.2				
1.5H	+ 2.8 / - 1.2					+ 3.0 / - 1.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 4518 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.2)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	69	65
0.80	89	82	78	89	82	78	87	81	77	73
1.00	94	88	83	94	87	83	92	87	83	78
1.25	99	93	88	98	92	88	96	91	87	82
1.50	102	96	92	101	96	92	98	94	91	85
2.00	106	100	97	104	99	96	101	97	94	88
2.50	108	103	99	106	102	98	103	99	97	90
3.00	110	105	102	108	104	101	104	101	99	92
4.00	112	109	106	110	107	104	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:2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

4025.5 lm

%lum = 89.1%

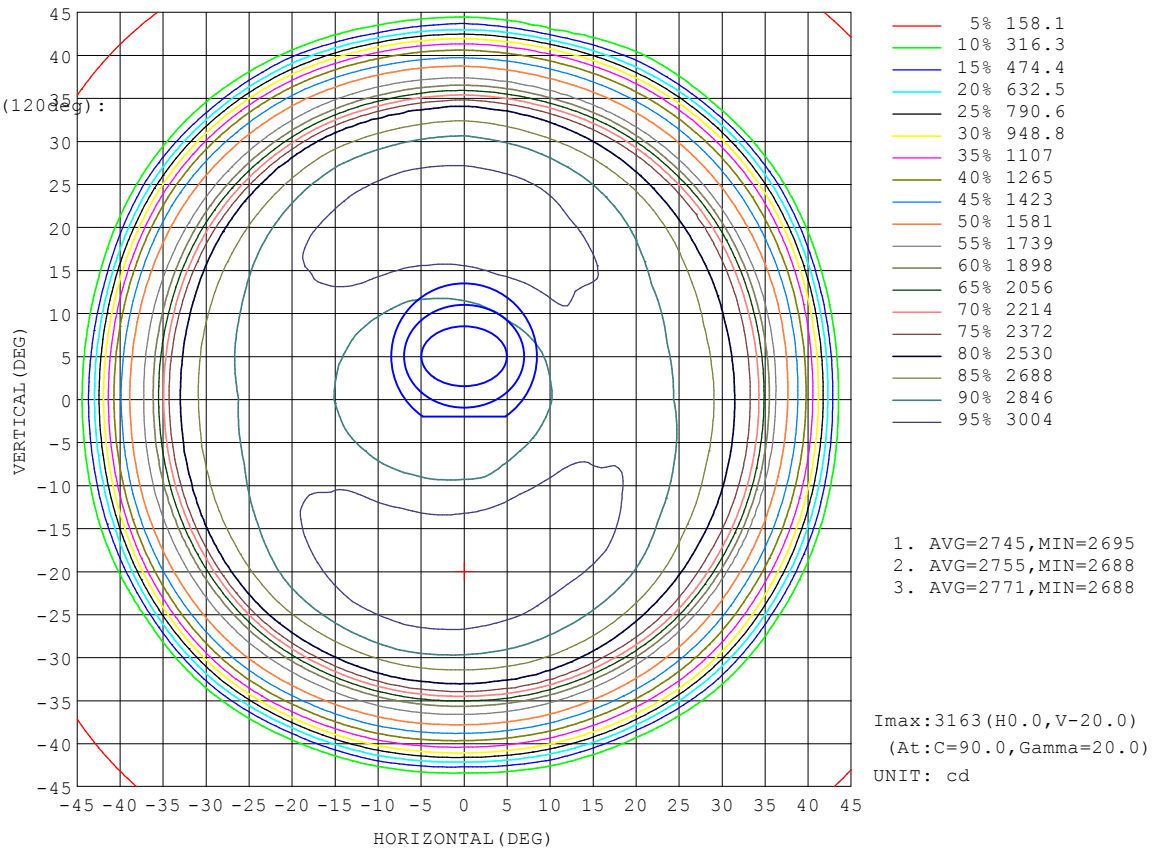
%lamp = 89.1%

Conical surface Flux(120deg):

4247.4 lm

%lum = 94.0%

%lamp = 94.0%

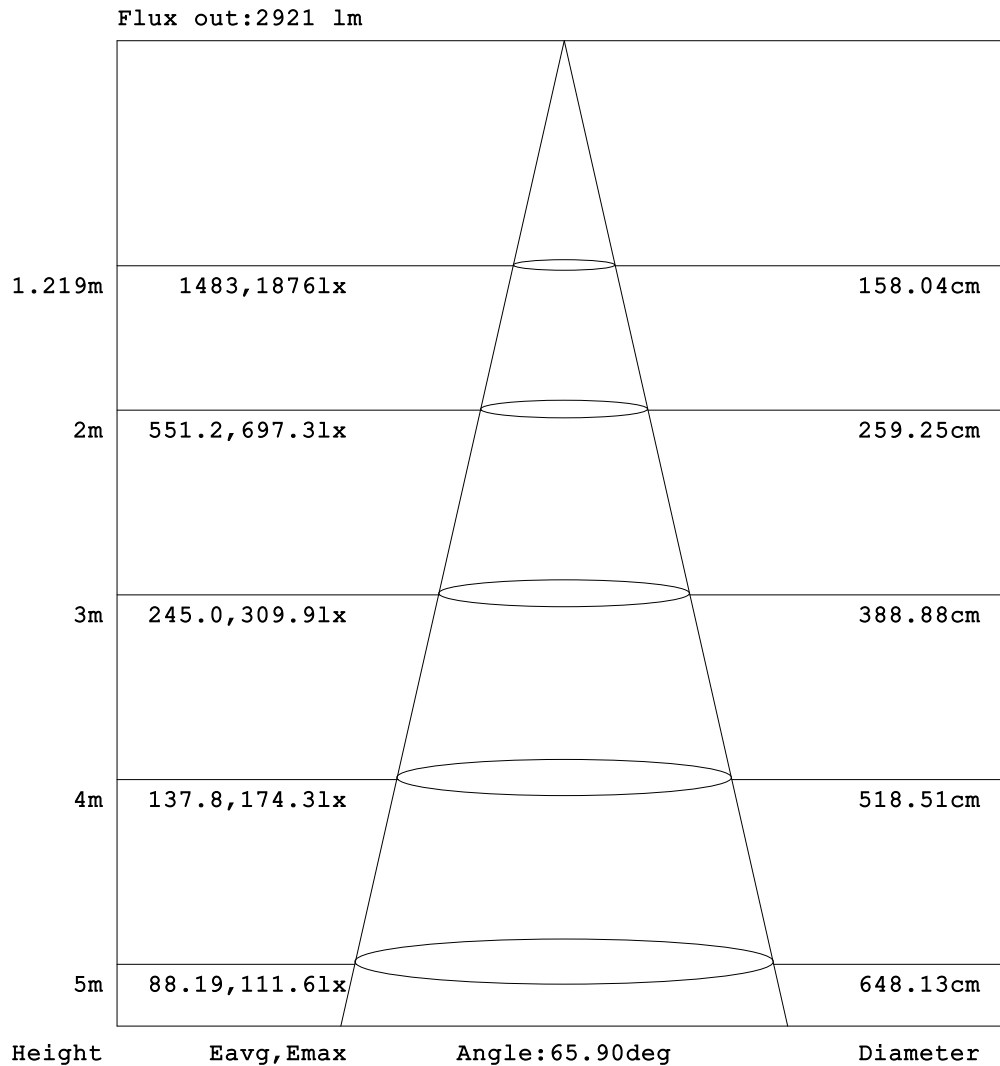


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



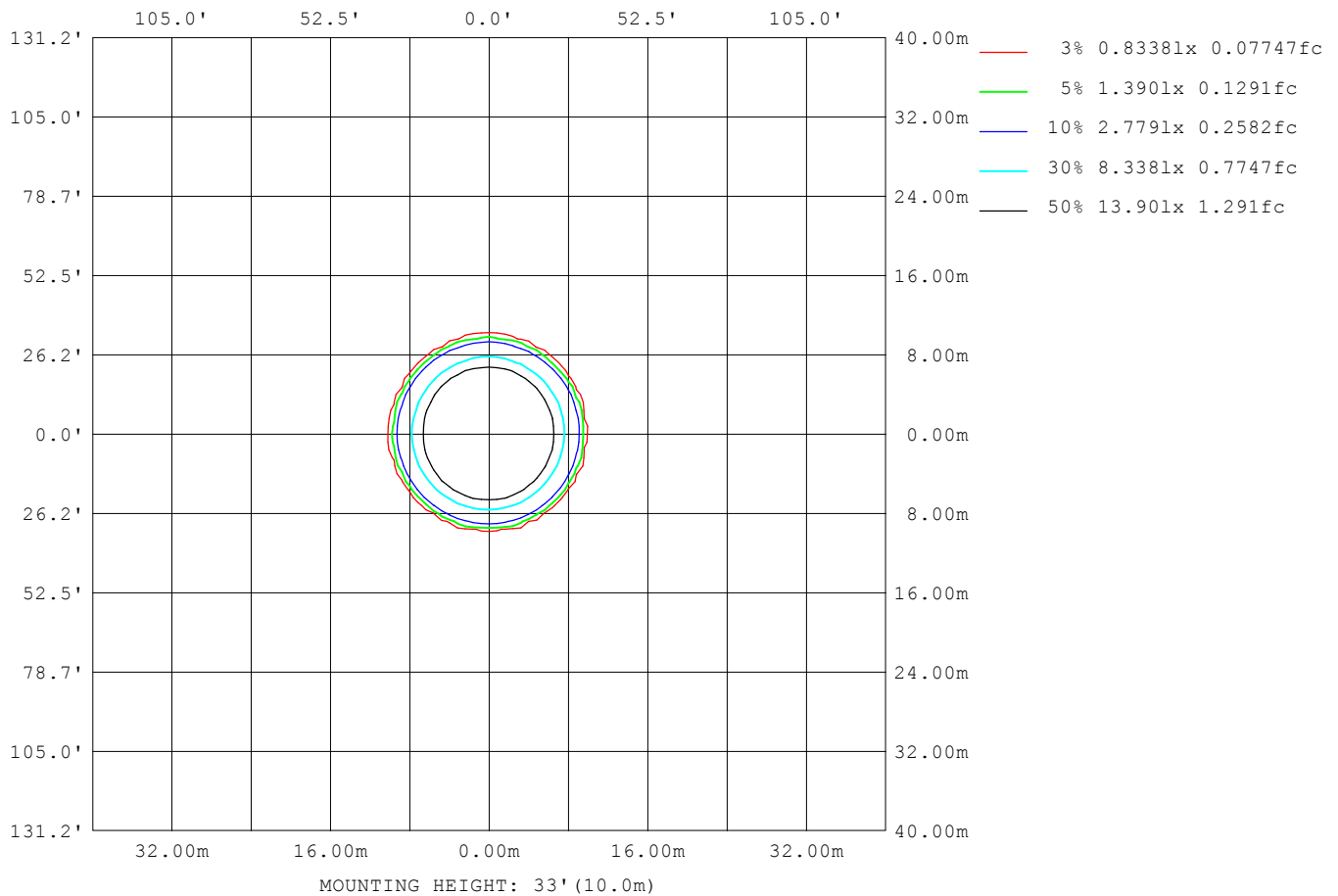
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Aaron
Test Date: 2018-06-01

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

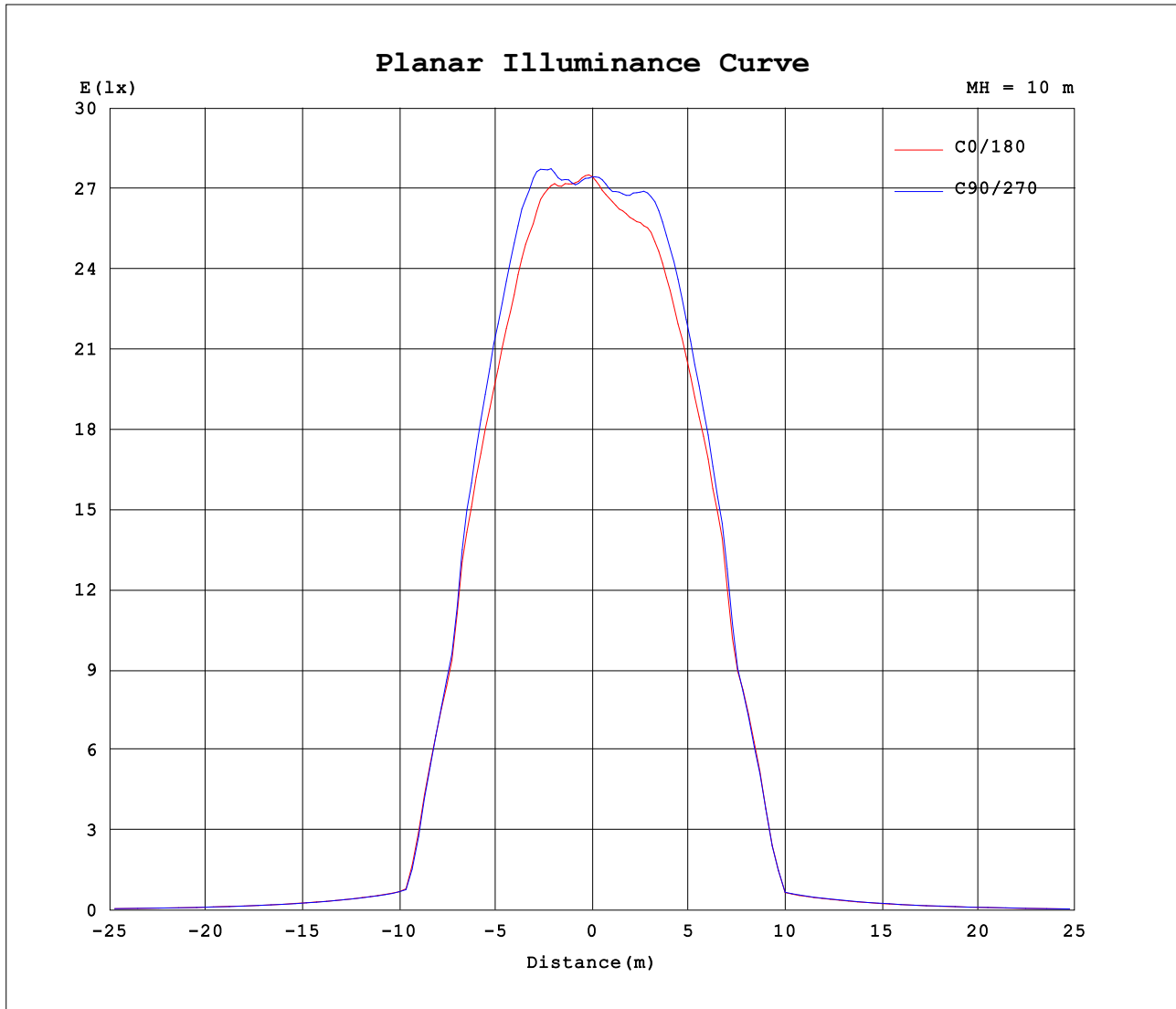
Test:U:120.4V I:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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: 2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 80°	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	2745	2740	2745	2744	2744	2744	2745	2748	2746	2750	2748	2753	2745	2740	2745	2744	2744	2744	2745
5	2754	2758	2765	2764	2759	2751	2746	2738	2732	2718	2710	2702	2697	2689	2693	2700	2710	2720	2733
10	2838	2858	2873	2883	2892	2874	2870	2856	2833	2812	2777	2743	2729	2727	2735	2753	2768	2781	2801
15	2952	2976	3007	3038	3077	3082	3077	3053	3019	2970	2920	2871	2843	2843	2859	2891	2920	2960	2985
20	2939	2972	3030	3079	3114	3140	3163	3147	3142	3079	2995	2941	2918	2926	2965	3026	3066	3088	3104
25	2829	2863	2909	2970	2986	3026	3053	3082	3067	3006	2946	2892	2873	2906	2963	3024	3052	3083	3073
30	2634	2643	2666	2729	2774	2815	2826	2847	2832	2816	2768	2739	2732	2759	2802	2841	2885	2885	2881
35	2023	1998	1978	2011	2024	2060	2066	2108	2126	2160	2154	2176	2198	2229	2282	2305	2344	2316	2327
40	1222	1193	1152	1172	1174	1195	1202	1246	1264	1326	1348	1388	1403	1406	1425	1405	1414	1383	1370
45	199	201	200	200	201	198	199	195	205	193	223	189	190	263	192	272	195	267	195
50	183	183	183	183	182	182	180	179	177	175	173	172	171	171	171	171	173	174	175
55	169	169	169	169	168	168	166	165	163	162	160	159	158	157	157	158	159	160	162
60	155	155	155	155	154	154	152	151	149	148	146	145	144	144	144	144	145	146	148
65	139	139	139	139	139	138	137	136	134	133	131	130	130	129	129	130	131	132	133
70	121	121	121	121	120	120	119	118	117	116	114	114	113	113	113	113	114	115	116
75	96.9	97.0	96.4	96.6	96.0	96.2	95.4	95.3	94.2	93.9	92.8	92.5	92.3	92.0	92.4	92.5	93.3	93.6	94.8
80	65.8	65.5	64.7	64.9	64.4	65.0	64.6	65.2	64.7	65.1	64.7	65.1	65.4	65.3	65.9	65.7	66.4	66.2	66.9
85	29.0	28.6	27.6	27.8	27.5	28.4	28.3	29.4	29.6	30.6	30.7	31.7	32.3	32.6	33.4	33.1	33.5	32.7	33.0
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.03	0.03	0.00	0.06	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	0.01	0.05	0.00	0.04	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00
110	0.17	0.20	0.17	0.20	0.17	0.20	0.17	0.19	0.17	0.19	0.13	0.17	0.16	0.11	0.15	0.10	0.14	0.10	0.15
115	0.34	0.39	0.34	0.39	0.34	0.39	0.35	0.38	0.34	0.36	0.33	0.36	0.33	0.29	0.33	0.27	0.32	0.29	0.33
120	0.56	0.61	0.58	0.61	0.57	0.61	0.57	0.59	0.56	0.57	0.53	0.56	0.54	0.51	0.54	0.49	0.52	0.50	0.55
125	0.80	0.85	0.81	0.85	0.81	0.84	0.81	0.83	0.80	0.81	0.77	0.79	0.79	0.75	0.77	0.74	0.78	0.75	0.79
130	1.08	1.09	1.07	1.11	1.07	1.10	1.08	1.08	1.07	1.07	1.03	1.06	1.06	1.02	1.04	1.01	1.04	1.02	1.07
135	1.33	1.36	1.33	1.37	1.33	1.35	1.33	1.33	1.32	1.32	1.30	1.31	1.32	1.29	1.32	1.29	1.31	1.30	1.32
140	1.59	1.62	1.60	1.61	1.59	1.60	1.57	1.58	1.56	1.58	1.54	1.56	1.58	1.54	1.58	1.55	1.55	1.54	1.57
145	1.82	1.84	1.82	1.83	1.81	1.82	1.79	1.80	1.78	1.79	1.78	1.79	1.81	1.79	1.80	1.78	1.79	1.77	1.79
150	2.02	2.05	2.00	2.02	2.01	2.02	1.98	2.00	1.97	1.99	1.97	1.99	2.02	1.99	2.00	1.97	1.98	1.96	1.99
155	2.18	2.20	2.17	2.17	2.17	2.18	2.15	2.14	2.14	2.14	2.14	2.16	2.18	2.17	2.13	2.12	2.13	2.12	2.14
160	2.37	2.37	2.34	2.34	2.34	2.36	2.34	2.32	2.31	2.32	2.32	2.33	2.34	2.34	2.30	2.29	2.29	2.30	2.31
165	2.60	2.60	2.57	2.56	2.57	2.59	2.58	2.55	2.55	2.55	2.53	2.55	2.56	2.57	2.54	2.52	2.51	2.52	2.53
170	2.84	2.84	2.83	2.84	2.83	2.84	2.82	2.80	2.81	2.81	2.78	2.79	2.78	2.80	2.80	2.79	2.75	2.76	2.74
175	3.03	3.03	3.02	3.04	3.04	3.04	3.02	3.01	3.02	3.01	2.99	2.99	2.97	2.99	3.01	3.00	2.99	2.97	2.95
180	3.11	3.11	3.10	3.11	3.10	3.09	3.07	3.08	3.10	3.10	3.09	3.08	3.10	3.11	3.11	3.10	3.10	3.09	3.08

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4904A P:58.77W PF:0.9953 Lamp Flux:4518.17x1 lm		
NAME: ADL 60W ADR8WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	2748	2746	2750	2748	2753														
5	2742	2758	2762	2761	2761														
10	2817	2834	2834	2830	2836														
15	3005	2995	2995	2962	2954														
20	3108	3072	3017	2964	2948														
25	3059	2991	2931	2858	2833														
30	2845	2794	2741	2682	2643														
35	2262	2227	2151	2118	2056														
40	1333	1320	1298	1286	1266														
45	244	198	230	199	200														
50	177	179	180	182	182														
55	163	165	166	168	169														
60	149	151	152	154	154														
65	135	136	137	138	139														
70	117	119	119	120	121														
75	95.3	96.4	96.6	97.4	97.3														
80	66.7	67.3	66.8	67.2	66.5														
85	32.0	32.1	31.0	31.0	29.9														
90	0.02	0.00	0.01	0.00	0.00														
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	0.01	0.00	0.01	0.00														
110	0.12	0.16	0.13	0.16	0.13														
115	0.32	0.34	0.32	0.35	0.31														
120	0.54	0.56	0.53	0.57	0.51														
125	0.78	0.81	0.77	0.81	0.78														
130	1.06	1.09	1.05	1.09	1.05														
135	1.34	1.36	1.33	1.35	1.33														
140	1.59	1.62	1.61	1.61	1.58														
145	1.81	1.83	1.82	1.84	1.82														
150	2.01	2.03	1.99	2.02	2.00														
155	2.16	2.17	2.14	2.17	2.17														
160	2.33	2.34	2.33	2.34	2.35														
165	2.57	2.59	2.55	2.55	2.56														
170	2.80	2.82	2.79	2.78	2.79														
175	2.99	3.00	3.00	2.99	2.99														
180	3.10	3.10	3.10	3.09	3.08														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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: