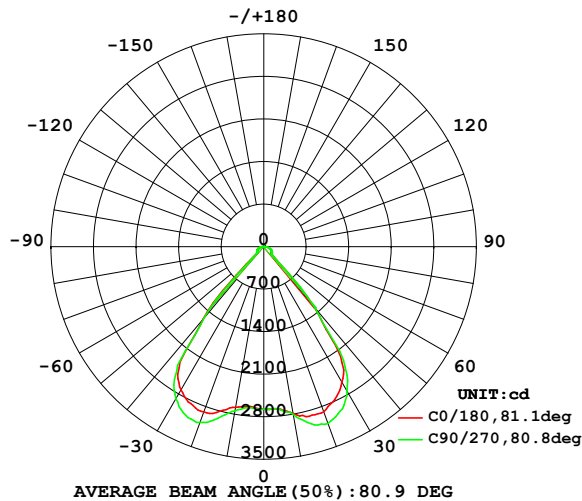


LUMINAIRE PHOTOMETRIC TEST REPORT

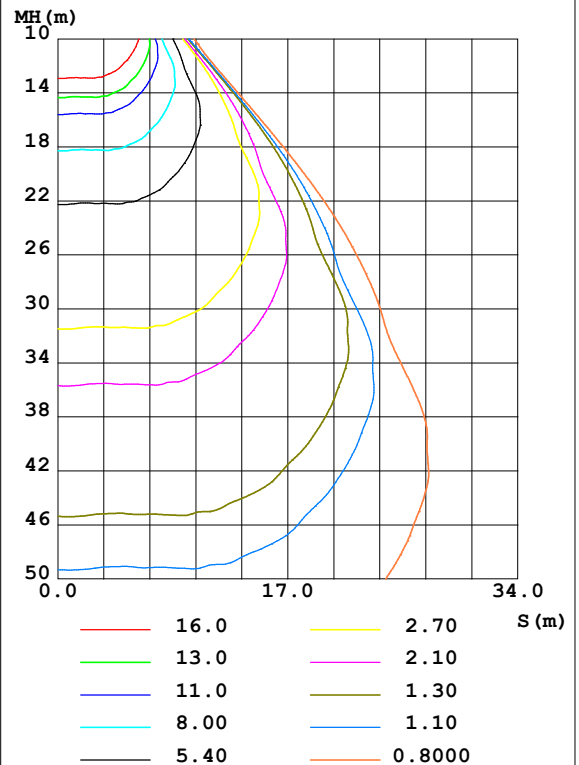
Test:U:120.4V I:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.46 lm/W			
MODEL		I _{max} (cd)	3097	S/MH (C0/180)	1.20
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	4575.5	η UP, DN (C0-180)	0.1, 49.2
NOMINAL FLUX (lm)	4575.54	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 50.7
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	0.85

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	2787	2831	2806	2754	2684	2707	2743	2771	0- 10	257.9	257.9	5.64
20	2891	3000	3095	3030	2896	3000	3075	2966	10- 20	826.0	1084	23.7
30	2576	2649	2741	2773	2723	2852	2894	2709	20- 30	1342	2426	53
40	1278	1218	1286	1449	1564	1583	1527	1406	30- 40	1375	3801	83.1
50	165.0	168.5	166.6	159.8	153.5	150.0	151.9	158.0	40- 50	393.1	4194	91.7
60	140.7	144.3	142.5	136.1	129.9	126.7	128.5	134.2	50- 60	132.1	4326	94.5
70	110.8	114.2	112.7	107.4	102.0	98.97	100.3	105.2	60- 70	120.5	4447	97.2
80	62.97	64.67	64.68	63.41	61.21	59.26	59.47	60.93	70- 80	91.00	4538	99.2
90	0	0	0.0047	0	0	0.0650	0	0.0084	80- 90	32.65	4570	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0006	4570	99.9
110	0.1911	0.2172	0.1846	0.1854	0.1600	0.1083	0.1662	0.1403	100-110	0.0471	4570	99.9
120	0.5999	0.6517	0.6126	0.5813	0.5553	0.5169	0.5684	0.5418	110-120	0.3554	4571	99.9
130	1.110	1.156	1.123	1.073	1.060	1.008	1.085	1.066	120-130	0.7345	4571	99.9
140	1.621	1.647	1.602	1.565	1.564	1.525	1.596	1.583	130-140	1.033	4572	99.9
150	2.055	2.042	2.017	1.998	2.004	1.959	2.010	1.997	140-150	1.128	4574	100
160	2.399	2.374	2.360	2.317	2.343	2.278	2.323	2.317	150-160	0.9973	4575	100
170	2.897	2.885	2.878	2.809	2.821	2.789	2.789	2.801	160-170	0.7249	4575	100
180	3.146	3.127	3.127	3.108	3.134	3.134	3.121	3.108	170-180	0.2838	4576	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

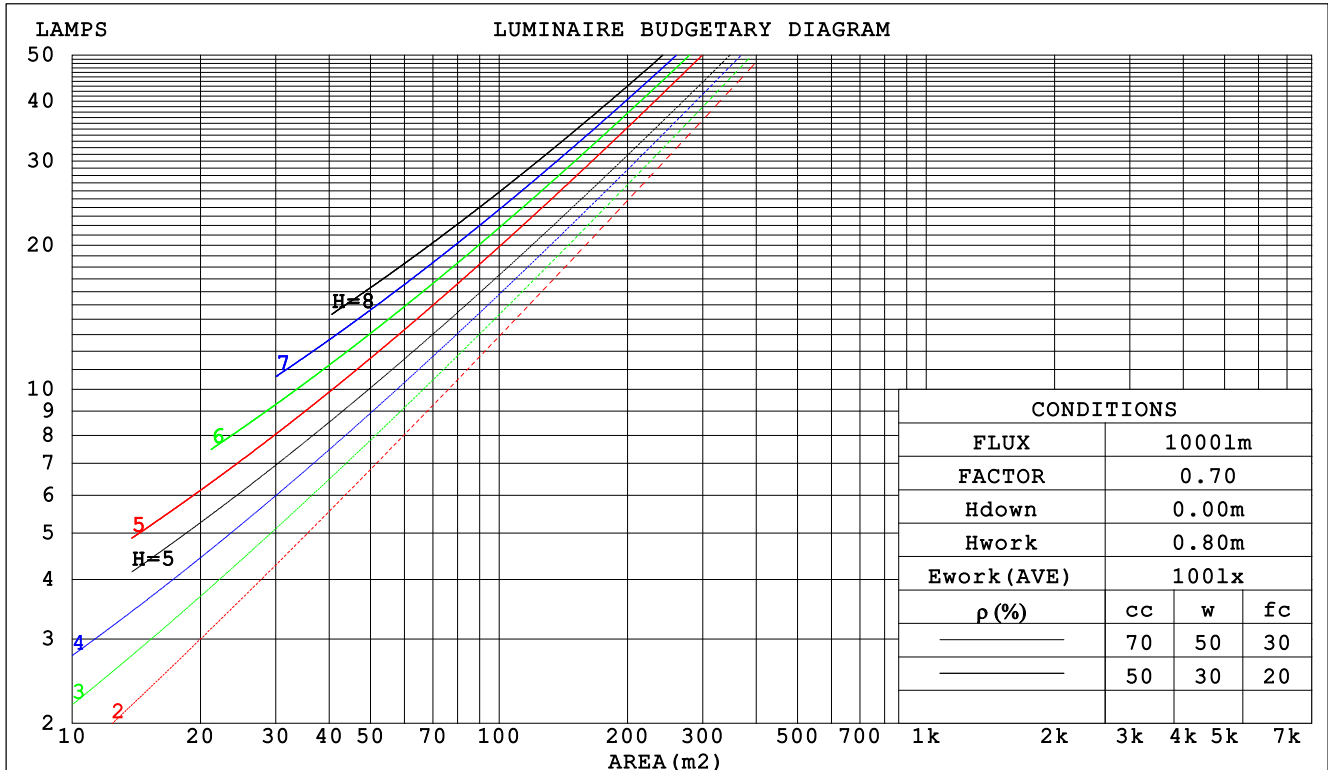
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W 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	1.06	1.03	1.06	1.04	1.01	1.02	1.00	.98	.99	.97	.95	.95	.94	.92	.90
2.0	.99	.94	.90	.98	.93	.89	.94	.90	.87	.91	.88	.85	.88	.86	.84	.82
3.0	.91	.85	.80	.90	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.74	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.68	.64	.71	.67	.63	.61
6.0	.71	.64	.59	.71	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.63	.57	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.54	.50	.60	.54	.50	.59	.53	.49	.58	.53	.49	.47
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.49	.46	.54	.49	.45	.44
10.0	.54	.47	.43	.53	.47	.42	.52	.46	.42	.51	.46	.42	.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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W 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	.217	.124	.039	.211	.120	.038	.198	.113	.036	.186	.107	.034	.175	.101	.033		
2.0	.207	.113	.035	.201	.111	.034	.190	.106	.033	.180	.101	.032	.170	.096	.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	.172	.091	.027	.164	.088	.027	.157	.085	.026		
5.0	.175	.089	.026	.171	.088	.026	.163	.085	.025	.157	.083	.025	.150	.080	.024		
6.0	.166	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.022		
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.143	.073	.021	.138	.072	.021		
8.0	.150	.073	.021	.147	.072	.020	.142	.071	.020	.137	.069	.020	.132	.068	.020		
9.0	.143	.069	.019	.140	.068	.019	.136	.067	.019	.131	.066	.019	.127	.065	.019		
10.0	.136	.065	.018	.134	.065	.018	.130	.064	.018	.126	.063	.018	.122	.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	.143	.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	.121	.073	.040	.104	.063	.035	.072	.044	.025	.042	.026	.015	.013	.009	.005	
8.0	.115	.067	.034	.099	.058	.030	.069	.041	.021	.040	.024	.013	.013	.008	.004	
9.0	.110	.062	.030	.095	.054	.026	.066	.038	.018	.038	.022	.011	.012	.007	.004	
10.0	.105	.058	.026	.091	.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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm										
NAME: ADL 60W ADR9.5WH 80°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W 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	12.7	13.8	12.9	14.0	14.2	12.9	14.0	13.1	14.2	14.4
3H	13.1	14.2	13.4	14.4	14.6	13.3	14.4	13.6	14.6	14.8
4H	13.5	14.5	13.8	14.7	15.0	13.7	14.7	14.0	14.9	15.1
6H	13.9	14.8	14.2	15.1	15.3	14.1	15.0	14.4	15.2	15.5
8H	14.0	14.9	14.3	15.2	15.5	14.2	15.1	14.5	15.4	15.6
12H	14.1	15.0	14.5	15.3	15.5	14.3	15.2	14.6	15.4	15.7
4H 2H	12.7	13.6	12.9	13.9	14.1	12.8	13.8	13.1	14.1	14.3
3H	13.4	14.3	13.7	14.5	14.8	13.6	14.4	13.9	14.7	15.0
4H	13.9	14.7	14.3	15.0	15.3	14.1	14.9	14.5	15.2	15.5
6H	14.5	15.2	14.9	15.5	15.9	14.7	15.4	15.1	15.7	16.0
8H	14.7	15.4	15.1	15.7	16.1	14.9	15.5	15.3	15.9	16.3
12H	14.9	15.5	15.3	15.9	16.3	15.1	15.7	15.5	16.0	16.4
8H 4H	14.2	14.8	14.6	15.1	15.5	14.3	14.9	14.7	15.3	15.7
6H	14.9	15.4	15.3	15.8	16.2	15.0	15.6	15.5	16.0	16.4
8H	15.2	15.7	15.7	16.1	16.6	15.4	15.8	15.8	16.3	16.7
12H	15.5	15.9	15.9	16.3	16.8	15.6	16.0	16.1	16.5	16.9
12H 4H	14.2	14.8	14.6	15.1	15.5	14.3	14.9	14.7	15.3	15.7
6H	15.0	15.4	15.4	15.8	16.3	15.1	15.6	15.6	16.0	16.4
8H	15.3	15.7	15.8	16.2	16.6	15.5	15.9	15.9	16.3	16.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.3 / - 1.4					+ 1.4 / - 1.4				
1.5H	+ 3.0 / - 1.4					+ 3.2 / - 1.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117 Corrected 4576 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.3)

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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W 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	74	69	81	74	69	80	73	69	65
0.80	89	82	78	88	82	78	87	81	77	73
1.00	94	88	83	93	87	83	92	87	82	78
1.25	99	93	88	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	99	96	101	97	94	89
2.50	108	103	99	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:2018-06-01

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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

4122.5 lm

%lum = 90.1%

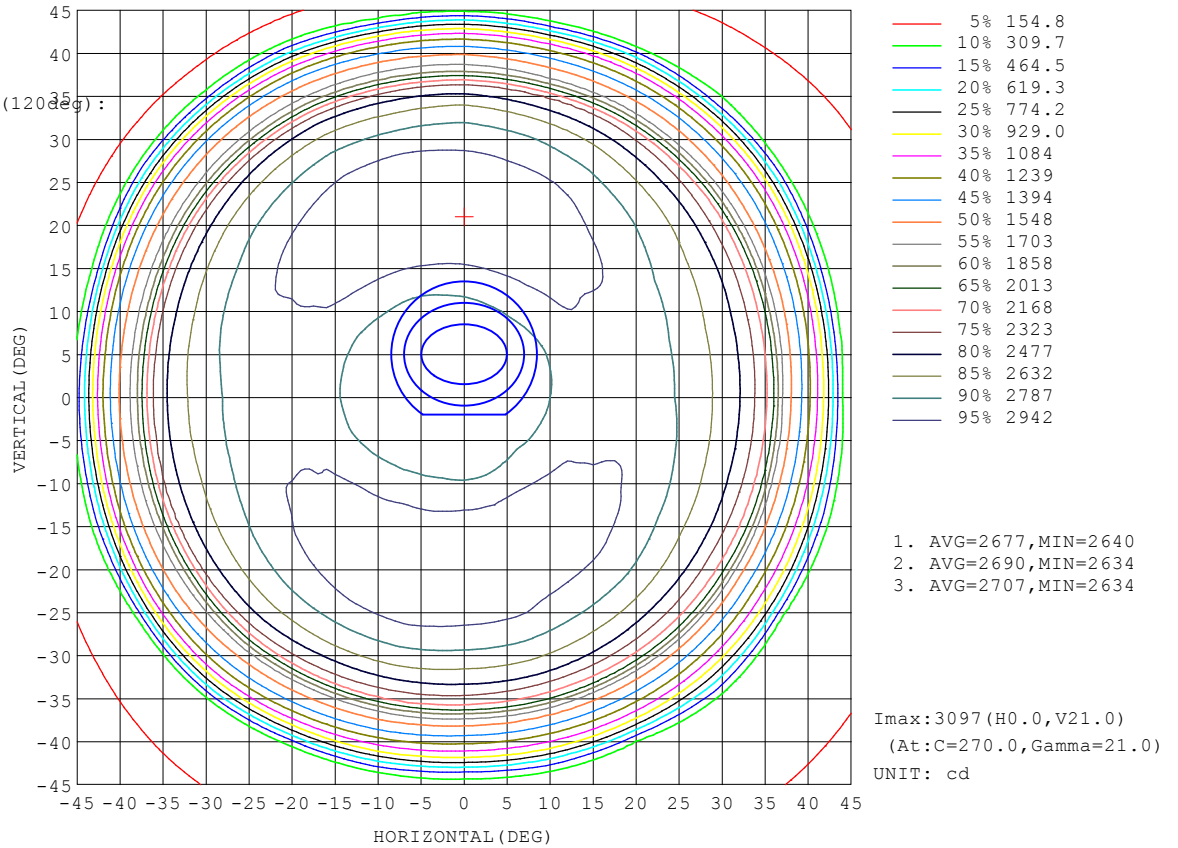
%lamp = 90.1%

Conical surface Flux(120deg):

4326.1 lm

%lum = 94.5%

%lamp = 94.5%

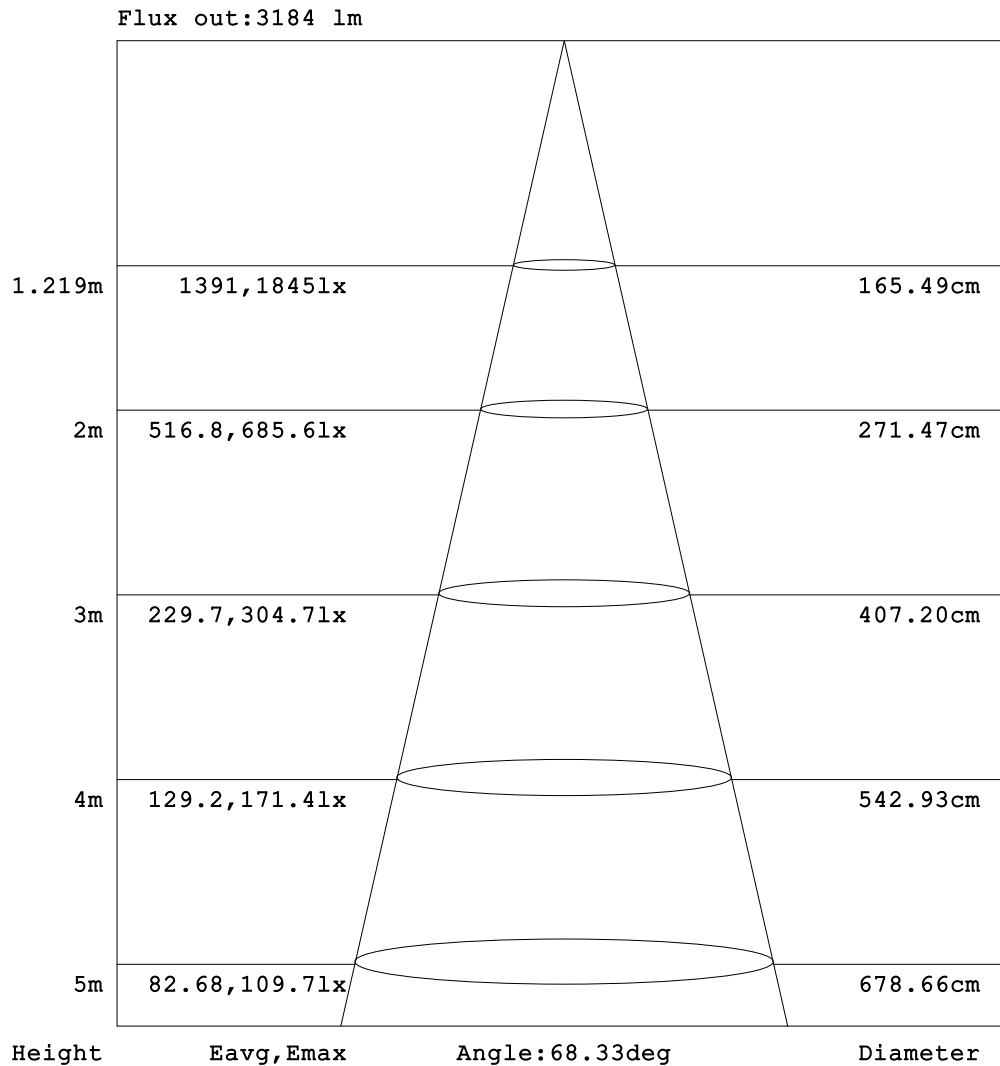


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



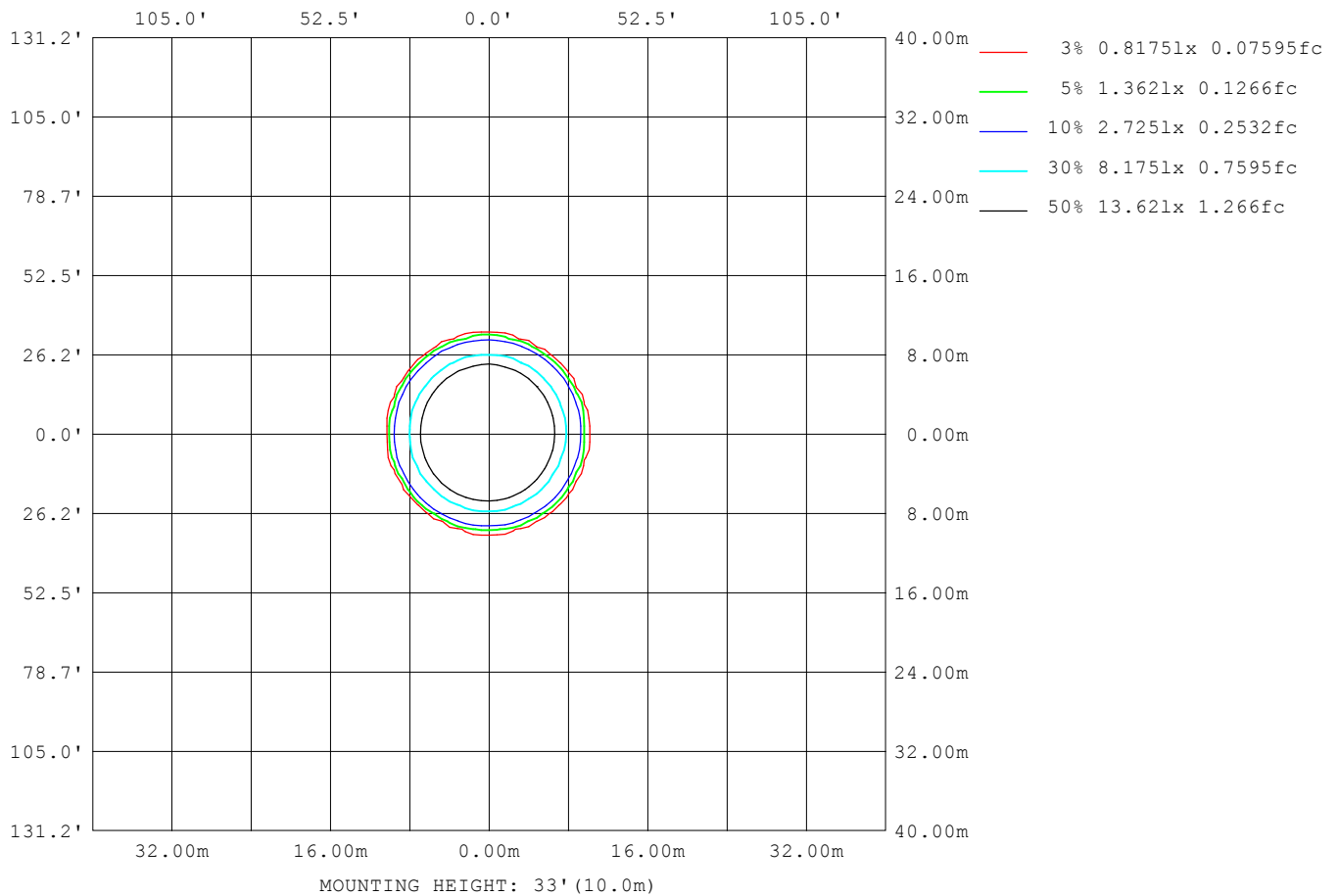
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

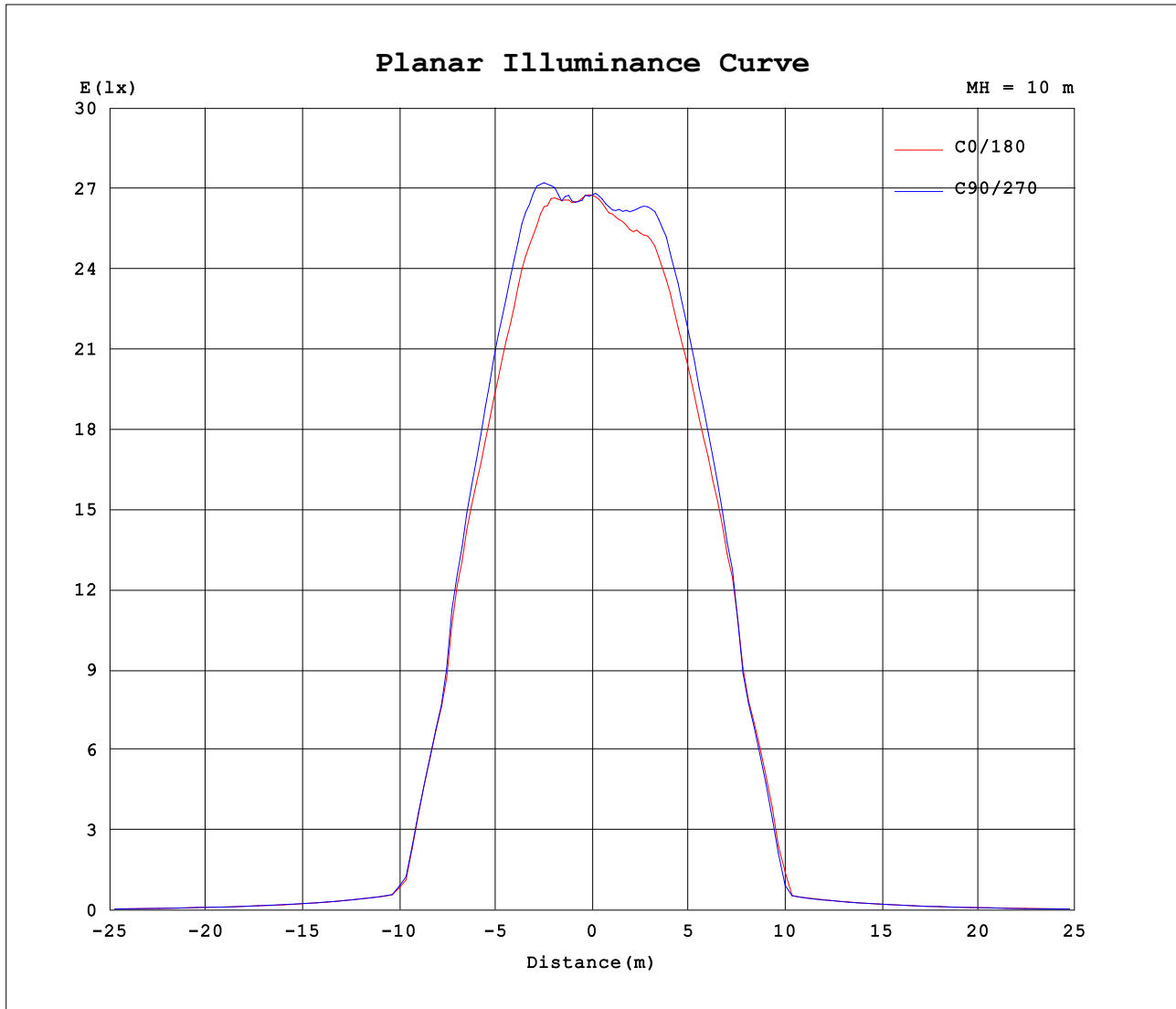
Test:U:120.4V I:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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

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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 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	2676	2679	2675	2676	2676	2678	2677	2681	2680	2682	2685	2678	2676	2679	2675	2676	2676	2678	2677
5	2681	2687	2681	2700	2689	2668	2680	2668	2662	2657	2644	2640	2640	2642	2644	2646	2650	2657	2663
10	2787	2798	2820	2831	2845	2819	2806	2799	2775	2754	2723	2696	2684	2682	2689	2707	2715	2715	2743
15	2893	2908	2942	2983	3007	3020	3015	2996	2970	2921	2875	2834	2804	2808	2806	2833	2861	2905	2924
20	2891	2913	2967	3000	3038	3066	3095	3089	3087	3030	2962	2916	2896	2902	2938	3000	3039	3057	3075
25	2773	2801	2841	2896	2926	2960	2984	3015	3014	2975	2914	2865	2848	2888	2952	3005	3037	3071	3053
30	2576	2584	2603	2649	2692	2744	2741	2777	2778	2773	2745	2731	2723	2757	2796	2852	2901	2897	2894
35	2209	2174	2166	2189	2224	2250	2286	2319	2351	2379	2397	2410	2425	2447	2478	2510	2536	2512	2504
40	1278	1239	1194	1218	1238	1263	1286	1346	1386	1449	1502	1534	1564	1574	1582	1583	1573	1547	1527
45	241	185	226	186	235	185	257	190	192	229	240	387	410	336	427	339	407	286	267
50	165	167	168	169	169	168	167	165	162	160	157	155	153	152	151	150	150	151	152
55	153	155	156	157	157	156	155	153	151	148	146	143	142	140	139	139	139	139	140
60	141	143	144	144	144	144	142	141	139	136	133	131	130	128	127	127	127	127	128
65	127	129	130	131	130	130	129	127	125	123	120	118	117	115	114	114	114	114	115
70	111	112	113	114	114	114	113	111	109	107	105	103	102	100	99.7	99.0	99.1	99.3	100
75	90.2	91.5	92.0	93.1	92.9	93.1	92.1	91.4	89.7	88.3	86.4	85.0	84.2	82.8	82.3	81.5	81.5	81.4	82.4
80	63.0	63.8	63.8	64.7	64.6	65.3	64.7	64.9	63.8	63.4	62.1	61.6	61.2	60.3	60.1	59.3	59.3	58.8	59.5
85	28.8	29.1	28.8	29.6	29.6	30.8	30.8	31.6	31.6	32.1	31.6	31.9	32.2	31.7	31.9	31.1	31.0	30.0	30.2
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.05	0.00	0.00	0.03	0.00	0.07	0.00	0.05	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	0.03	0.06	0.02	0.06	0.02	0.05	0.02	0.04	0.00	0.03	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.01
110	0.19	0.22	0.19	0.22	0.18	0.22	0.18	0.20	0.17	0.19	0.14	0.17	0.16	0.12	0.15	0.11	0.14	0.11	0.17
115	0.39	0.42	0.38	0.43	0.38	0.40	0.38	0.41	0.35	0.36	0.32	0.35	0.33	0.30	0.33	0.30	0.33	0.29	0.36
120	0.60	0.65	0.61	0.65	0.59	0.63	0.61	0.63	0.57	0.58	0.54	0.56	0.56	0.52	0.54	0.52	0.54	0.52	0.57
125	0.85	0.89	0.86	0.89	0.85	0.87	0.87	0.86	0.82	0.82	0.78	0.79	0.79	0.76	0.77	0.74	0.78	0.78	0.82
130	1.11	1.16	1.13	1.16	1.12	1.13	1.12	1.14	1.07	1.07	1.04	1.05	1.06	1.01	1.06	1.01	1.05	1.03	1.09
135	1.37	1.40	1.38	1.41	1.37	1.37	1.37	1.37	1.32	1.34	1.30	1.30	1.31	1.30	1.32	1.28	1.32	1.31	1.37
140	1.62	1.65	1.62	1.65	1.61	1.61	1.60	1.59	1.56	1.56	1.53	1.55	1.56	1.54	1.56	1.53	1.53	1.54	1.60
145	1.86	1.88	1.85	1.86	1.83	1.83	1.82	1.80	1.78	1.79	1.77	1.79	1.80	1.79	1.78	1.77	1.76	1.77	1.81
150	2.05	2.07	2.03	2.04	2.02	2.03	2.02	2.01	1.97	2.00	1.97	1.99	2.00	1.98	2.00	1.96	1.97	1.95	2.01
155	2.22	2.23	2.18	2.20	2.17	2.18	2.18	2.17	2.12	2.13	2.13	2.15	2.17	2.14	2.14	2.12	2.13	2.13	2.17
160	2.40	2.40	2.37	2.37	2.35	2.38	2.36	2.35	2.31	2.32	2.32	2.33	2.34	2.33	2.32	2.28	2.30	2.32	2.32
165	2.65	2.66	2.62	2.63	2.62	2.62	2.62	2.60	2.55	2.56	2.56	2.57	2.59	2.57	2.55	2.53	2.53	2.52	2.55
170	2.90	2.90	2.88	2.89	2.88	2.87	2.88	2.85	2.81	2.81	2.82	2.80	2.82	2.81	2.80	2.79	2.77	2.79	2.79
175	3.11	3.12	3.09	3.10	3.09	3.08	3.08	3.06	3.04	3.03	3.03	3.01	3.03	3.03	3.03	3.04	3.01	3.01	3.01
180	3.15	3.15	3.13	3.13	3.12	3.12	3.13	3.12	3.11	3.11	3.10	3.11	3.13	3.13	3.13	3.13	3.13	3.14	3.12

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:0.4929A P:59.07W PF:0.9954 Lamp Flux:4575.54x1 lm		
NAME: ADL 60W ADR9.5WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W 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	2681	2680	2682	2685	2678														
5	2670	2677	2683	2678	2676														
10	2751	2769	2771	2764	2771														
15	2942	2945	2931	2914	2893														
20	3070	3027	2966	2913	2889														
25	3036	2962	2879	2809	2781														
30	2841	2783	2709	2636	2597														
35	2443	2401	2332	2268	2235														
40	1470	1444	1406	1379	1337														
45	219	208	285	182	259														
50	154	155	158	161	163														
55	142	144	146	149	151														
60	130	132	134	136	139														
65	117	119	121	123	125														
70	102	103	105	107	109														
75	83.2	84.8	86.0	87.8	89.1														
80	59.5	60.5	60.9	62.2	62.6														
85	29.5	29.8	29.1	29.7	29.2														
90	0.03	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	0.13	0.16	0.14	0.17	0.16														
115	0.33	0.37	0.32	0.37	0.35														
120	0.54	0.59	0.54	0.59	0.58														
125	0.78	0.83	0.80	0.83	0.82														
130	1.06	1.09	1.07	1.10	1.10														
135	1.33	1.36	1.33	1.37	1.37														
140	1.58	1.61	1.58	1.61	1.61														
145	1.79	1.82	1.82	1.81	1.84														
150	1.96	2.02	2.00	2.01	2.04														
155	2.14	2.16	2.16	2.16	2.21														
160	2.33	2.34	2.32	2.35	2.38														
165	2.58	2.58	2.57	2.57	2.62														
170	2.82	2.82	2.80	2.81	2.84														
175	3.01	3.04	3.03	3.03	3.04														
180	3.11	3.12	3.11	3.11	3.12														

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: