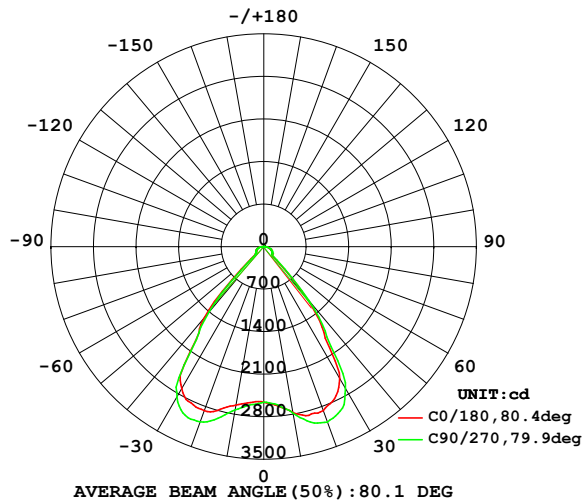


LUMINAIRE PHOTOMETRIC TEST REPORT

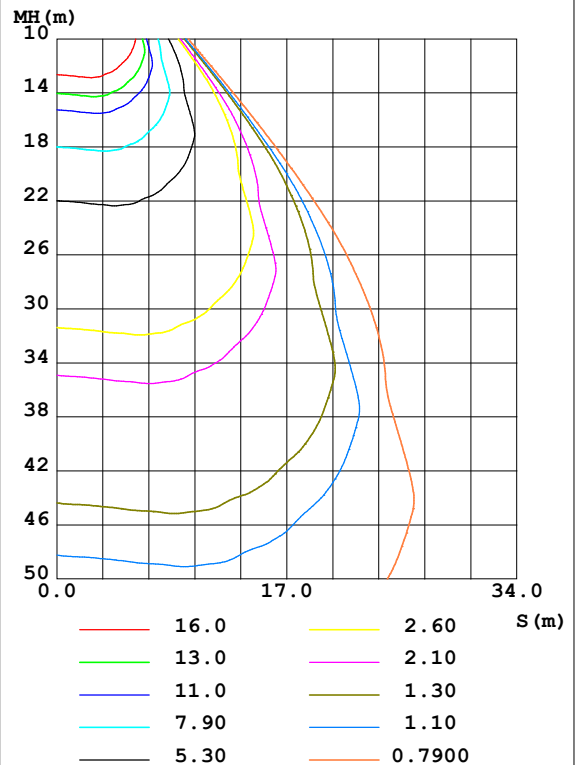
Test:U:120.4V I:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.78 lm/W			
MODEL		I _{max} (cd)	3082	S/MH (C0/180)	1.21
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	4445.3	η UP, DN (C0-180)	0.1, 48.9
NOMINAL FLUX (lm)	4445.3	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 51.0
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	2769	2811	2780	2721	2646	2681	2729	2765	0- 10	253.5	253.5	5.7
20	2868	2992	3072	3014	2868	2986	3065	2950	10- 20	820.8	1074	24.2
30	2504	2577	2695	2748	2697	2840	2856	2646	20- 30	1336	2410	54.2
40	1071	1033	1151	1376	1522	1520	1403	1225	30- 40	1235	3645	82
50	184.0	186.5	186.1	182.5	178.1	176.5	178.2	181.2	40- 50	374.8	4020	90.4
60	154.5	157.0	157.4	154.7	151.0	149.5	150.7	152.5	50- 60	150.4	4170	93.8
70	118.1	120.0	121.7	121.5	119.0	117.4	117.4	117.5	60- 70	135.9	4306	96.9
80	60.02	60.90	65.30	70.49	71.93	70.46	67.62	63.01	70- 80	100.1	4406	99.1
90	0	0	0	0.0379	2.988	2.693	0	0	80- 90	33.70	4440	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0407	4440	99.9
110	0.1912	0.2364	0.1778	0.1661	0.1281	0.0893	0.1341	0.1340	100-110	0.0446	4440	99.9
120	0.5998	0.6326	0.5807	0.5426	0.4981	0.4655	0.5302	0.5358	110-120	0.3361	4441	99.9
130	1.097	1.149	1.078	1.028	0.9706	0.9442	1.015	1.072	120-130	0.7021	4441	99.9
140	1.614	1.622	1.563	1.526	1.513	1.448	1.525	1.576	130-140	1.001	4442	99.9
150	2.023	2.017	1.965	1.934	1.940	1.889	1.921	1.978	140-150	1.101	4443	100
160	2.348	2.324	2.297	2.241	2.273	2.214	2.241	2.310	150-160	0.9736	4444	100
170	2.801	2.777	2.763	2.712	2.687	2.667	2.661	2.744	160-170	0.7001	4445	100
180	3.019	3.032	2.993	3.012	3.006	3.012	2.987	3.019	170-180	0.2726	4445	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

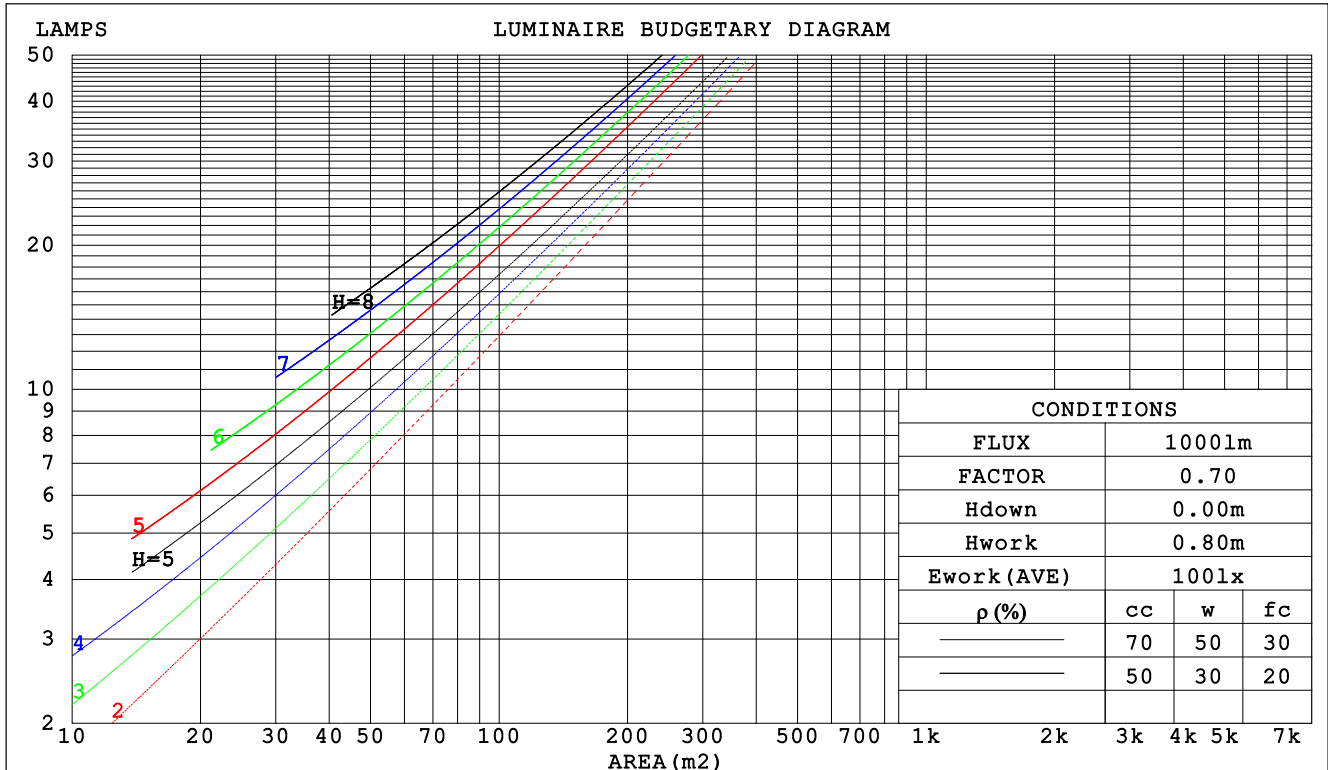
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.05	1.03	1.06	1.04	1.01	1.02	.00	.98	.98	.97	.95	.95	.93	.92	.90
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.85	.83	.81
3.0	.91	.85	.80	.89	.84	.79	.87	.82	.78	.84	.80	.77	.82	.78	.75	.74
4.0	.83	.77	.72	.82	.76	.71	.80	.75	.70	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.68	.64	.72	.67	.63	.71	.66	.63	.61
6.0	.71	.64	.59	.70	.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	.53	.61	.57	.53	.51
8.0	.61	.55	.50	.61	.54	.50	.60	.54	.49	.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	.43	.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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	.220	.125	.040	.213	.122	.039	.200	.115	.037	.188	.109	.035	.178	.103	.033		
2.0	.209	.114	.035	.203	.112	.034	.192	.107	.033	.182	.102	.032	.172	.097	.031		
3.0	.197	.105	.031	.192	.103	.031	.182	.099	.030	.173	.095	.029	.165	.091	.028		
4.0	.185	.096	.028	.181	.095	.028	.173	.092	.027	.165	.089	.027	.158	.086	.026		
5.0	.175	.089	.026	.171	.088	.026	.164	.085	.025	.157	.083	.025	.151	.081	.024		
6.0	.166	.083	.024	.163	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023		
7.0	.158	.078	.022	.154	.077	.022	.149	.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	.062	.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	.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	.130	.099	.074	.089	.069	.052	.051	.040	.031	.017	.013	.010	
4.0	.142	.100	.069	.122	.087	.060	.084	.061	.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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm										
NAME: ADL 60W ADR6WH 80°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W ADR6WH 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	11.8	12.9	12.0	13.1	13.3	12.3	13.4	12.5	13.6	13.8
3H	12.6	13.6	12.8	13.8	14.0	13.0	14.0	13.3	14.2	14.5
4H	13.1	14.0	13.3	14.3	14.5	13.4	14.4	13.7	14.7	14.9
6H	13.5	14.4	13.8	14.7	14.9	13.9	14.8	14.2	15.1	15.3
8H	13.6	14.5	13.9	14.8	15.1	14.0	14.9	14.4	15.2	15.5
12H	13.7	14.5	14.0	14.8	15.1	14.1	15.0	14.5	15.3	15.5
4H 2H	11.9	12.9	12.2	13.2	13.4	12.4	13.4	12.7	13.6	13.8
3H	13.0	13.9	13.3	14.1	14.4	13.4	14.2	13.7	14.5	14.8
4H	13.7	14.5	14.0	14.8	15.1	14.0	14.8	14.4	15.1	15.4
6H	14.3	15.0	14.7	15.3	15.7	14.6	15.3	15.0	15.6	16.0
8H	14.5	15.1	14.9	15.5	15.8	14.8	15.5	15.2	15.8	16.2
12H	14.6	15.2	15.0	15.5	15.9	15.0	15.6	15.4	15.9	16.3
8H 4H	13.9	14.6	14.3	14.9	15.3	14.2	14.9	14.6	15.2	15.6
6H	14.7	15.2	15.1	15.6	16.0	15.0	15.5	15.4	15.9	16.3
8H	15.0	15.4	15.4	15.8	16.3	15.3	15.8	15.7	16.2	16.6
12H	15.1	15.5	15.6	16.0	16.4	15.5	15.9	16.0	16.3	16.8
12H 4H	13.9	14.5	14.4	14.9	15.3	14.2	14.8	14.6	15.2	15.6
6H	14.7	15.2	15.2	15.6	16.1	15.0	15.5	15.5	15.9	16.4
8H	15.0	15.4	15.5	15.9	16.4	15.4	15.8	15.8	16.2	16.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.1					+ 1.3 / - 1.1				
1.5H	+ 2.8 / - 1.1					+ 2.8 / - 1.1				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 4445 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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	73	69	80	73	68	79	72	68	64
0.80	89	81	77	88	81	77	86	80	76	72
1.00	94	87	82	93	86	82	91	87	82	77
1.25	98	92	88	97	91	87	95	90	87	82
1.50	102	96	92	100	95	91	98	93	90	85
2.00	105	100	96	104	99	95	101	97	94	88
2.50	107	103	99	106	101	98	102	99	96	90
3.00	109	105	102	108	104	101	104	101	98	92
4.00	112	108	106	110	107	104	106	104	101	94
5.00	113	110	108	111	109	107	107	105	103	95
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: 2018-06-01

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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

3935.9 lm

%lum = 88.5%

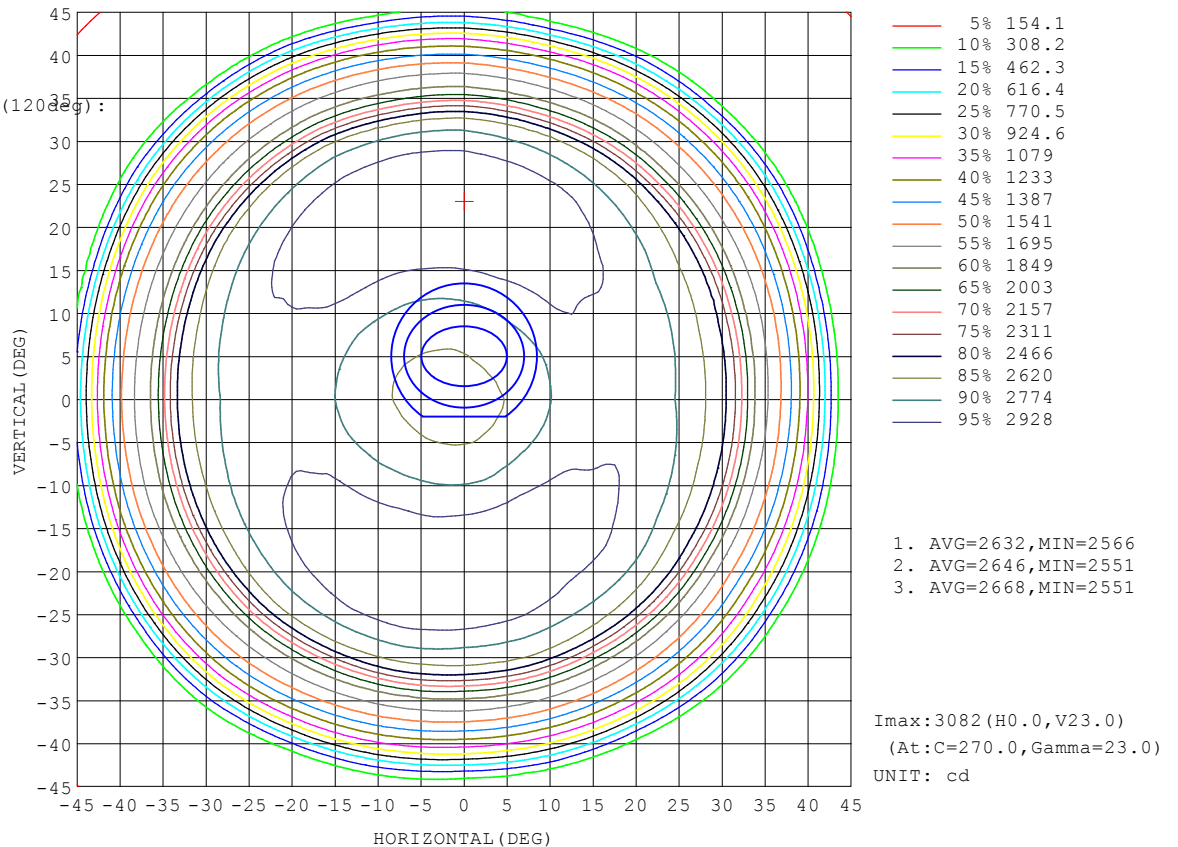
%lamp = 88.5%

Conical surface Flux(120deg):

4170.4 lm

%lum = 93.8%

%lamp = 93.8%

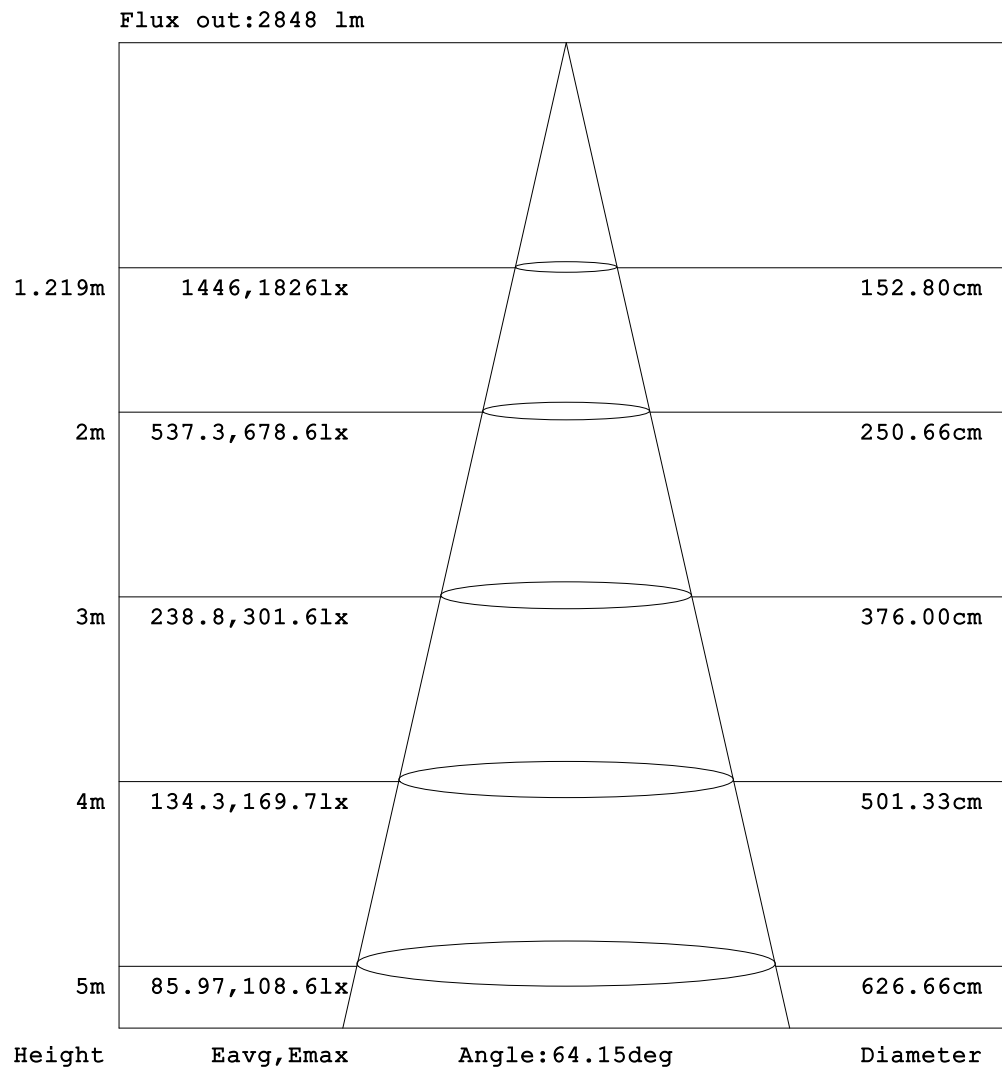


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



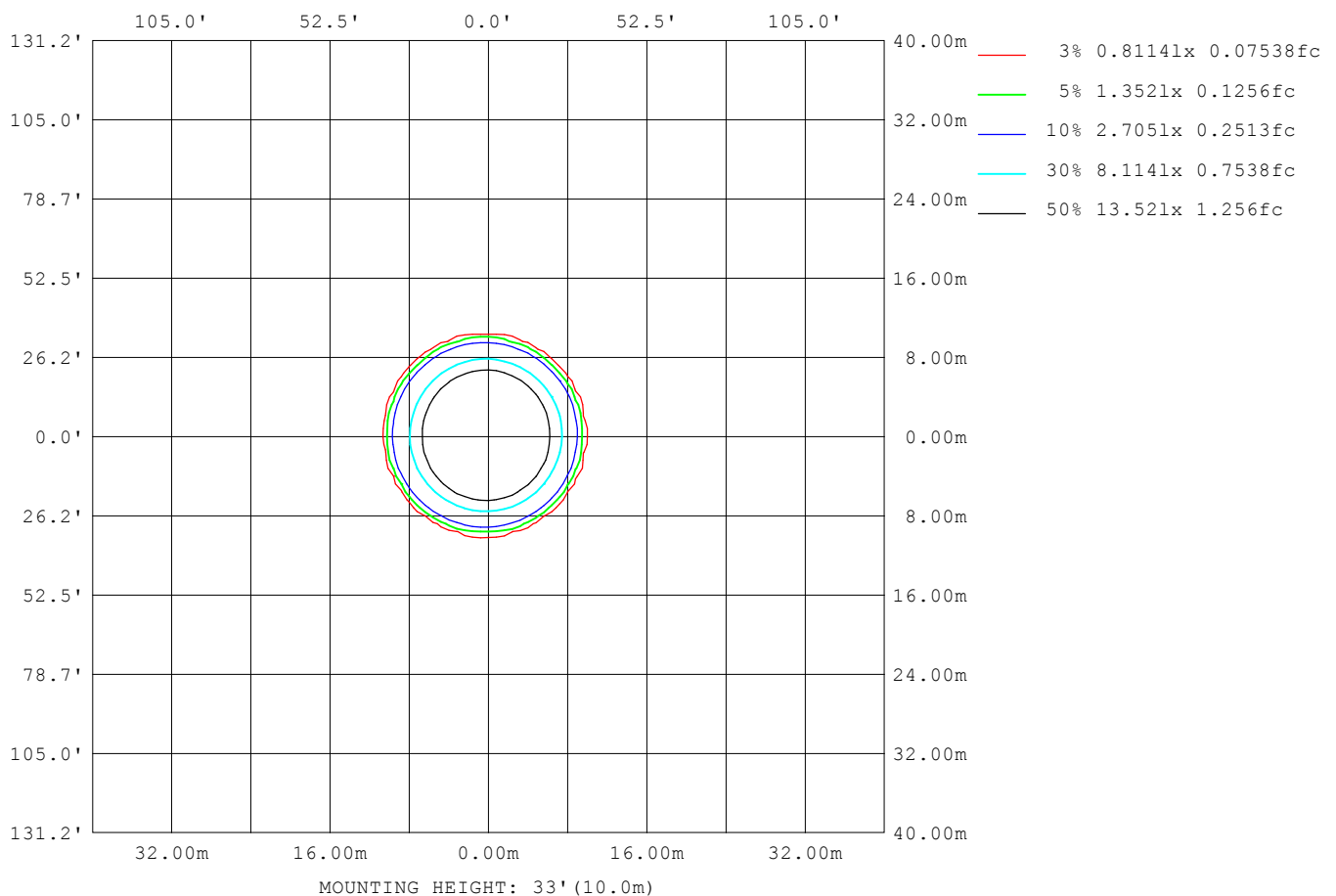
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

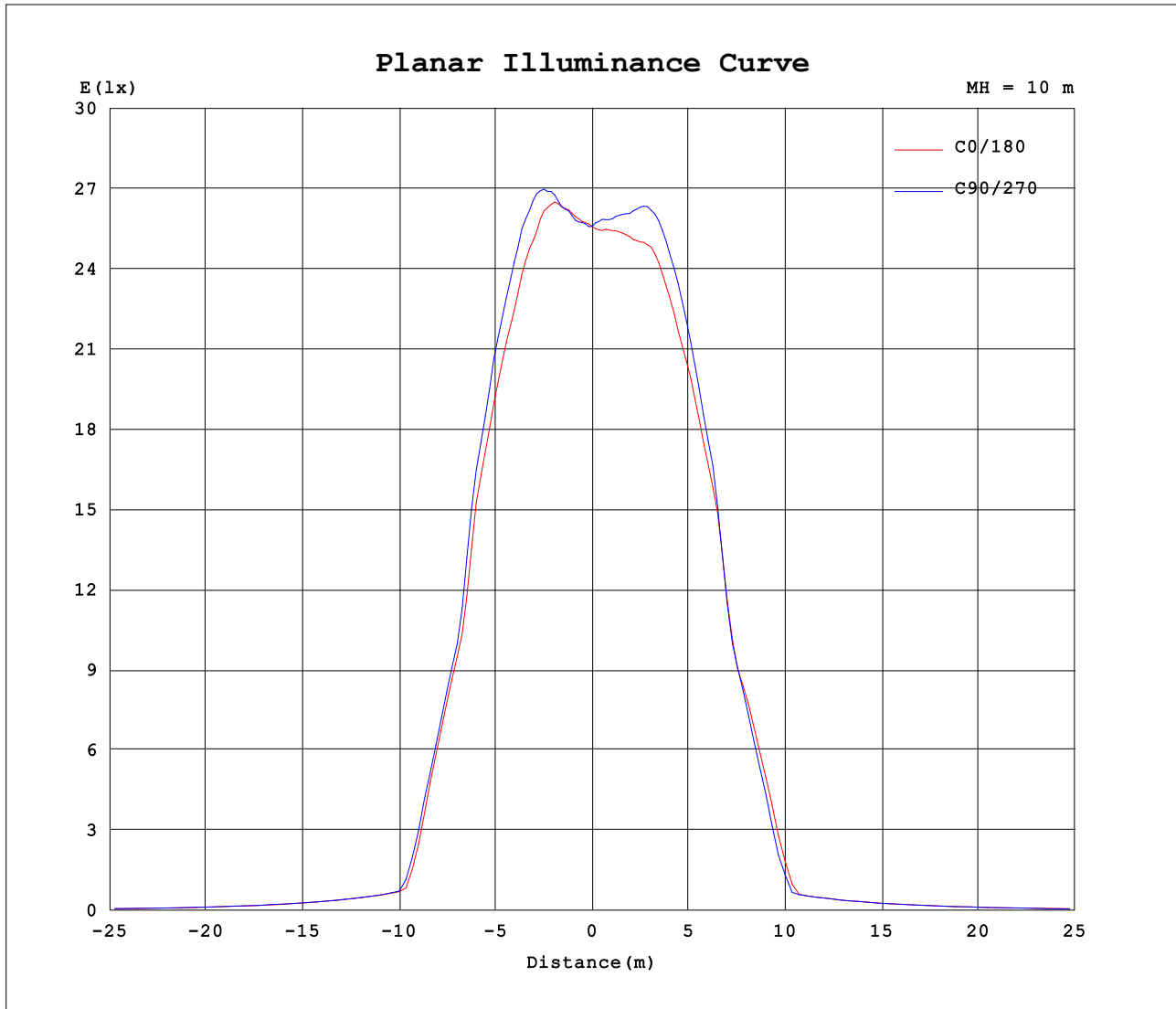
Test:U:120.4V I:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	2560	2559	2557	2559	2560	2561	2560	2562	2567	2569	2569	2574	2560	2559	2557	2559	2560	2561	2560
5	2627	2630	2637	2633	2630	2616	2613	2606	2600	2589	2582	2585	2575	2579	2578	2584	2596	2606	2614
10	2769	2782	2799	2811	2817	2793	2780	2763	2741	2721	2701	2669	2646	2649	2661	2681	2695	2711	2729
15	2872	2891	2924	2954	2983	2994	2988	2970	2941	2894	2852	2802	2773	2777	2789	2819	2850	2896	2923
20	2868	2896	2943	2992	3012	3042	3072	3063	3068	3014	2945	2900	2868	2878	2924	2986	3028	3048	3065
25	2760	2788	2826	2889	2917	2955	2980	3009	3019	2972	2919	2867	2839	2876	2942	3003	3041	3066	3062
30	2504	2510	2528	2577	2624	2678	2695	2731	2744	2748	2719	2701	2697	2733	2788	2840	2885	2875	2856
35	1727	1697	1692	1713	1751	1781	1814	1866	1922	2005	2050	2088	2112	2154	2205	2211	2217	2132	2090
40	1071	1031	997	1033	1065	1114	1151	1231	1294	1376	1441	1495	1522	1528	1535	1520	1500	1447	1403
45	200	203	204	205	203	204	205	230	265	372	385	485	525	513	531	495	494	399	380
50	184	185	186	187	187	187	186	185	184	183	181	179	178	177	177	177	177	177	178
55	170	171	171	172	172	173	172	172	170	169	168	166	165	164	164	164	164	164	165
60	155	155	156	157	157	158	157	157	156	155	153	152	151	150	150	150	150	150	151
65	138	139	139	140	141	141	141	141	140	139	138	137	136	135	135	134	135	135	135
70	118	119	119	120	120	122	122	122	122	121	120	120	119	118	118	117	117	117	117
75	92.7	93.1	93.1	94.2	94.7	96.5	97.1	98.4	98.7	99.3	98.9	98.9	98.4	97.7	97.6	96.8	96.5	95.7	95.5
80	60.0	60.0	59.7	60.9	61.8	63.9	65.3	67.6	68.7	70.5	70.9	71.8	71.9	71.6	71.6	70.5	70.0	68.4	67.6
85	22.0	21.6	21.1	22.4	23.3	26.0	27.7	30.8	32.7	35.3	36.5	38.2	38.9	38.9	39.2	38.0	37.2	35.0	33.5
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.51	1.92	2.99	3.29	3.81	2.69	1.99	0.44	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	0.04	0.07	0.03	0.06	0.01	0.04	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.19	0.24	0.20	0.24	0.19	0.20	0.18	0.19	0.16	0.17	0.11	0.15	0.13	0.08	0.11	0.09	0.11	0.08	0.13
115	0.38	0.42	0.38	0.43	0.38	0.40	0.36	0.38	0.33	0.34	0.29	0.32	0.29	0.26	0.27	0.25	0.28	0.27	0.31
120	0.60	0.64	0.61	0.63	0.59	0.62	0.58	0.58	0.54	0.54	0.50	0.51	0.50	0.45	0.49	0.47	0.49	0.49	0.53
125	0.83	0.87	0.85	0.88	0.84	0.87	0.82	0.83	0.78	0.79	0.72	0.74	0.72	0.68	0.72	0.69	0.73	0.71	0.75
130	1.10	1.12	1.10	1.15	1.10	1.12	1.08	1.09	1.03	1.03	0.98	0.99	0.97	0.93	0.96	0.94	0.97	0.98	1.02
135	1.35	1.38	1.36	1.39	1.35	1.37	1.33	1.33	1.30	1.28	1.23	1.25	1.25	1.19	1.23	1.21	1.24	1.23	1.27
140	1.61	1.63	1.61	1.62	1.59	1.60	1.56	1.56	1.53	1.53	1.47	1.49	1.51	1.45	1.48	1.45	1.49	1.49	1.53
145	1.84	1.85	1.83	1.83	1.80	1.80	1.78	1.77	1.74	1.74	1.71	1.72	1.74	1.70	1.71	1.68	1.70	1.72	1.73
150	2.02	2.04	2.00	2.02	1.98	2.00	1.97	1.95	1.94	1.93	1.91	1.93	1.94	1.90	1.91	1.89	1.90	1.90	1.92
155	2.18	2.18	2.15	2.14	2.13	2.15	2.13	2.11	2.09	2.08	2.07	2.09	2.11	2.04	2.07	2.05	2.06	2.05	2.08
160	2.35	2.34	2.33	2.32	2.31	2.32	2.30	2.27	2.25	2.24	2.25	2.25	2.27	2.23	2.22	2.21	2.21	2.21	2.24
165	2.57	2.56	2.54	2.54	2.53	2.53	2.52	2.49	2.48	2.45	2.46	2.45	2.48	2.46	2.42	2.41	2.42	2.41	2.45
170	2.80	2.79	2.78	2.78	2.80	2.78	2.76	2.73	2.72	2.71	2.69	2.69	2.69	2.69	2.67	2.67	2.65	2.66	2.66
175	2.98	2.98	2.97	2.99	2.99	2.95	2.94	2.92	2.93	2.92	2.91	2.89	2.89	2.88	2.90	2.90	2.88	2.88	2.87
180	3.02	3.01	3.01	3.03	3.01	3.01	2.99	2.99	3.01	3.01	3.00	3.01	3.01	3.01	3.00	3.01	3.00	3.01	2.99

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:0.4895A P:58.66W PF:0.9953 Lamp Flux:4445.3x1 lm		
NAME: ADL 60W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	2562	2567	2569	2569	2574														
5	2625	2633	2638	2636	2633														
10	2742	2760	2765	2758	2767														
15	2945	2939	2931	2898	2883														
20	3061	3017	2950	2905	2876														
25	3032	2961	2880	2805	2779														
30	2799	2730	2646	2572	2525														
35	1974	1902	1810	1770	1743														
40	1322	1274	1225	1191	1134														
45	271	235	202	201	200														
50	179	180	181	183	183														
55	165	167	167	168	169														
60	151	152	153	154	154														
65	135	136	136	137	138														
70	117	118	117	118	118														
75	94.6	94.5	93.7	93.8	93.2														
80	65.8	64.8	63.0	62.3	60.9														
85	30.9	29.2	26.6	25.3	23.2														
90	0.01	0.00	0.00	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	0.03	0.00	0.04	0.01														
110	0.13	0.17	0.13	0.19	0.17														
115	0.31	0.35	0.32	0.36	0.34														
120	0.54	0.57	0.54	0.58	0.55														
125	0.78	0.80	0.80	0.82	0.80														
130	1.04	1.09	1.07	1.09	1.08														
135	1.30	1.35	1.33	1.37	1.35														
140	1.56	1.58	1.58	1.60	1.60														
145	1.77	1.80	1.78	1.83	1.82														
150	1.97	1.99	1.98	2.00	2.00														
155	2.13	2.15	2.13	2.15	2.13														
160	2.30	2.31	2.31	2.31	2.32														
165	2.51	2.52	2.50	2.52	2.54														
170	2.72	2.74	2.74	2.74	2.76														
175	2.92	2.93	2.94	2.92	2.94														
180	3.01	3.01	3.02	3.00	3.01														

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: