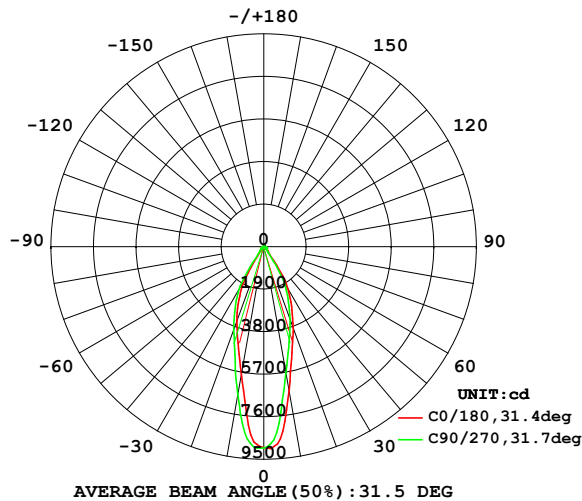


LUMINAIRE PHOTOMETRIC TEST REPORT

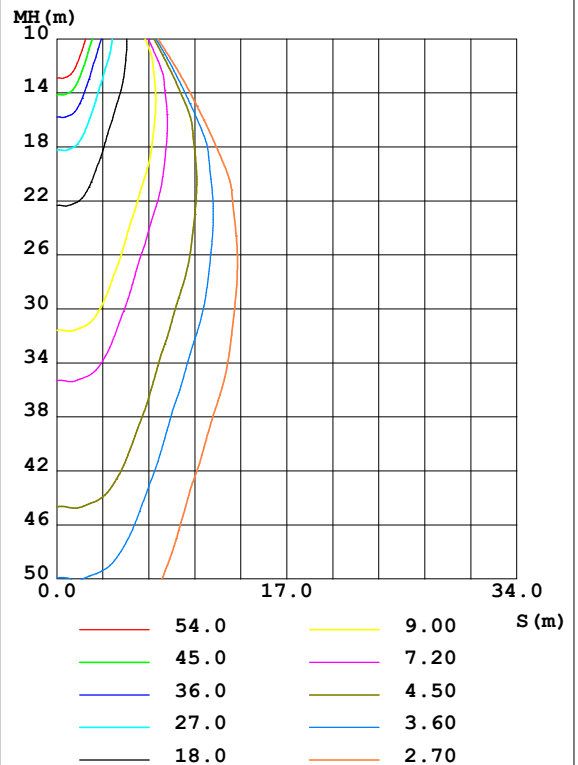
Test:U:120.4V I:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.74 lm/W			
MODEL		I _{max} (cd)	9053	S/MH (C0/180)	0.47
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH (C90/270)	0.54
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	4321.9	η UP,DN(C0-180)	0.1,48.0
NOMINAL FLUX(lm)	4321.89	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,51.9
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:2018-06-01

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	6549	6096	5739	5654	5782	6250	6707	6780	0- 10	715.1	715.1	16.5
20	3866	3624	3439	3391	3516	3679	3927	4013	10- 20	1320	2035	47.1
30	2126	2006	1833	1652	1712	1980	2246	2248	20- 30	1278	3313	76.7
40	306.2	287.5	269.6	256.2	246.8	255.2	273.8	307.2	30- 40	520.3	3833	88.7
50	162.5	161.4	156.6	150.2	145.8	146.5	152.5	158.9	40- 50	157.2	3991	92.3
60	128.9	128.6	124.6	118.7	114.6	115.1	120.0	125.4	50- 60	123.1	4114	95.2
70	96.80	95.82	91.22	85.63	82.27	83.49	88.65	93.68	60- 70	105.2	4219	97.6
80	54.86	52.15	46.45	41.61	40.12	42.84	48.59	53.25	70- 80	73.55	4293	99.3
90	1.995	0	0	0	0	0	0	1.988	80- 90	24.15	4317	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0300	4317	99.9
110	0	0	0	0.0324	0.0129	0	0	0	100-110	0.0002	4317	99.9
120	0.2231	0.3067	0.3314	0.3901	0.3447	0.2674	0.2623	0.1978	110-120	0.1147	4317	99.9
130	0.7593	0.8687	0.9253	0.9897	0.9383	0.8286	0.7732	0.6950	120-130	0.4850	4317	99.9
140	1.562	1.686	1.747	1.794	1.781	1.640	1.609	1.525	130-140	0.9537	4318	99.9
150	2.284	2.374	2.425	2.432	2.452	2.387	2.330	2.316	140-150	1.272	4320	99.9
160	2.725	2.738	2.776	2.738	2.821	2.802	2.758	2.744	150-160	1.198	4321	100
170	2.795	2.789	2.808	2.750	2.789	2.840	2.866	2.846	160-170	0.7947	4322	100
180	2.744	2.764	2.738	2.770	2.732	2.770	2.751	2.757	170-180	0.2649	4322	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

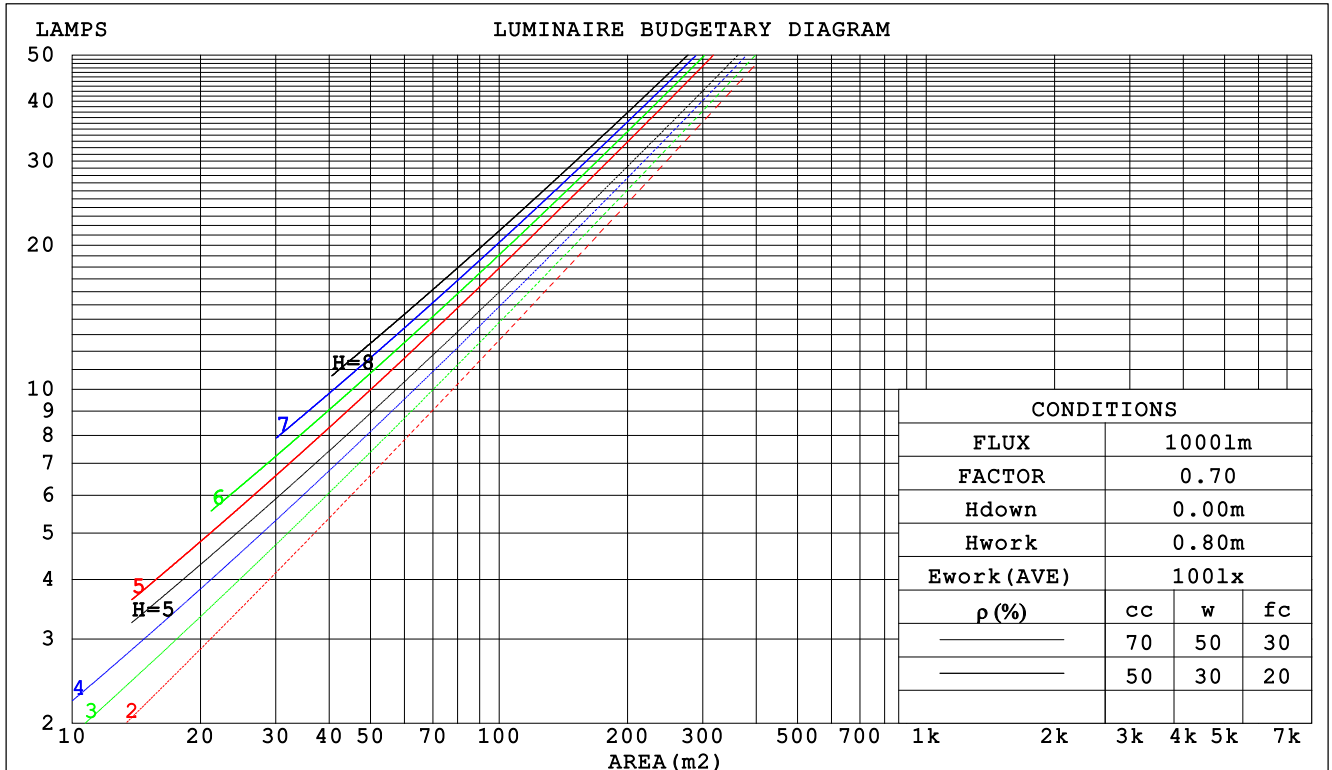
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	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	1.08	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	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.89	.84	.80	.86	.82	.79	.84	.81	.78	.83	.79	.77	.75
5.0	.85	.79	.75	.84	.78	.74	.82	.77	.74	.80	.76	.73	.79	.75	.72	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
9.0	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.57
10.0	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.63	.59	.56	.55



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:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	.189	.107	.034	.182	.104	.033	.169	.097	.031	.158	.091	.029	.147	.085	.027		
2.0	.177	.097	.030	.171	.094	.029	.160	.089	.028	.150	.084	.026	.141	.080	.025		
3.0	.165	.088	.026	.160	.086	.026	.151	.082	.025	.143	.078	.024	.135	.075	.023		
4.0	.155	.081	.024	.151	.079	.023	.143	.076	.023	.136	.073	.022	.129	.070	.021		
5.0	.146	.074	.022	.142	.073	.021	.136	.071	.021	.129	.068	.020	.123	.066	.020		
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018		
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.060	.018	.113	.059	.017		
8.0	.124	.061	.017	.122	.060	.017	.117	.059	.017	.113	.057	.016	.109	.056	.016		
9.0	.118	.057	.016	.116	.057	.016	.112	.055	.016	.108	.054	.016	.104	.053	.015		
10.0	.113	.054	.015	.111	.054	.015	.107	.053	.015	.104	.052	.015	.100	.051	.015		

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	.173	.158	.145	.148	.136	.125	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.133	.113	.135	.115	.098	.093	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.145	.115	.090	.125	.099	.078	.085	.069	.055	.049	.040	.032	.016	.013	.011	
4.0	.135	.100	.073	.115	.086	.064	.079	.060	.045	.046	.035	.027	.015	.011	.009	
5.0	.125	.088	.061	.108	.076	.053	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.118	.079	.051	.101	.068	.044	.070	.048	.031	.040	.028	.019	.013	.009	.006	
7.0	.111	.071	.043	.095	.062	.038	.066	.043	.027	.038	.025	.016	.012	.008	.005	
8.0	.105	.065	.037	.090	.056	.033	.062	.039	.023	.036	.023	.014	.012	.008	.005	
9.0	.099	.059	.033	.085	.052	.029	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.055	.029	.081	.048	.025	.056	.034	.018	.033	.020	.011	.011	.007	.004	

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:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm										
NAME: ADL 60W ADR8WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W ADR8WH 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	9.4	10.3	9.6	10.5	10.7	8.3	9.2	8.5	9.4	9.6
3H	10.5	11.4	10.8	11.6	11.8	9.7	10.5	9.9	10.7	10.9
4H	11.2	12.0	11.4	12.2	12.4	10.4	11.2	10.7	11.4	11.7
6H	11.8	12.5	12.1	12.8	13.0	11.0	11.8	11.3	12.0	12.3
8H	12.0	12.8	12.3	13.0	13.3	11.2	12.0	11.5	12.2	12.5
12H	12.2	12.9	12.6	13.2	13.5	11.3	12.0	11.7	12.3	12.6
4H 2H	9.7	10.5	10.0	10.8	11.0	8.8	9.6	9.1	9.8	10.1
3H	11.1	11.8	11.4	12.1	12.4	10.5	11.2	10.8	11.4	11.7
4H	11.9	12.6	12.3	12.9	13.2	11.3	12.0	11.7	12.3	12.6
6H	12.7	13.3	13.1	13.7	14.0	12.1	12.7	12.5	13.0	13.4
8H	13.1	13.6	13.5	14.0	14.3	12.4	12.9	12.8	13.3	13.6
12H	13.3	13.8	13.8	14.2	14.6	12.6	13.0	13.0	13.4	13.8
8H 4H	12.2	12.8	12.6	13.1	13.5	11.7	12.3	12.1	12.6	13.0
6H	13.2	13.7	13.6	14.1	14.5	12.7	13.1	13.1	13.5	13.9
8H	13.7	14.1	14.1	14.5	14.9	13.0	13.4	13.5	13.9	14.3
12H	14.0	14.4	14.5	14.8	15.3	13.3	13.6	13.8	14.1	14.6
12H 4H	12.3	12.8	12.7	13.1	13.5	11.8	12.3	12.2	12.6	13.0
6H	13.3	13.7	13.7	14.1	14.6	12.8	13.2	13.2	13.6	14.0
8H	13.8	14.1	14.3	14.6	15.0	13.2	13.5	13.7	14.0	14.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.4 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 4322 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.1)

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:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	91	85	82	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	91	100	94	91	98	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	98	105	101	98	102	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	110	107	104	109	105	102	105	102	100	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
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:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

3922.2 lm

%lum = 90.8%

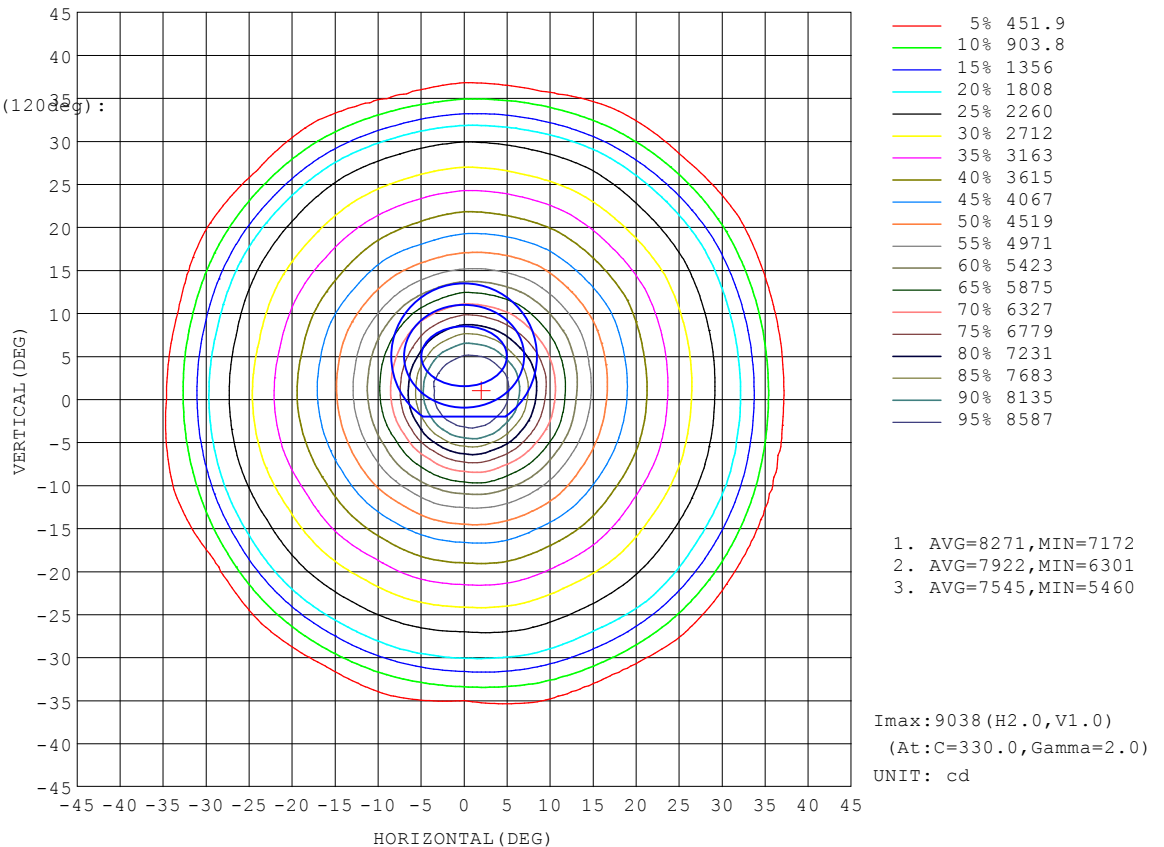
%lamp = 90.8%

Conical surface Flux(120deg):

4113.8 lm

%lum = 95.2%

%lamp = 95.2%

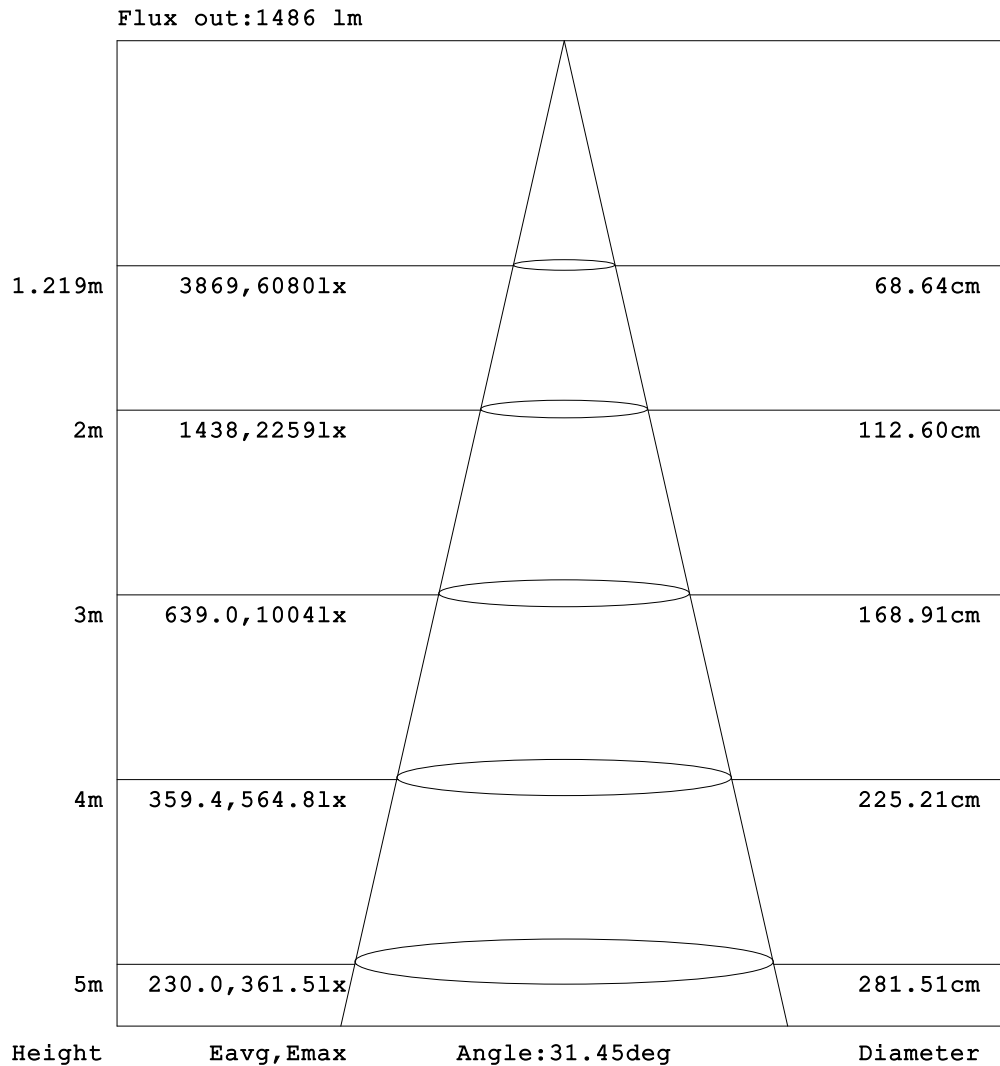


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:

AAI Figure

Test:U:120.4V I:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



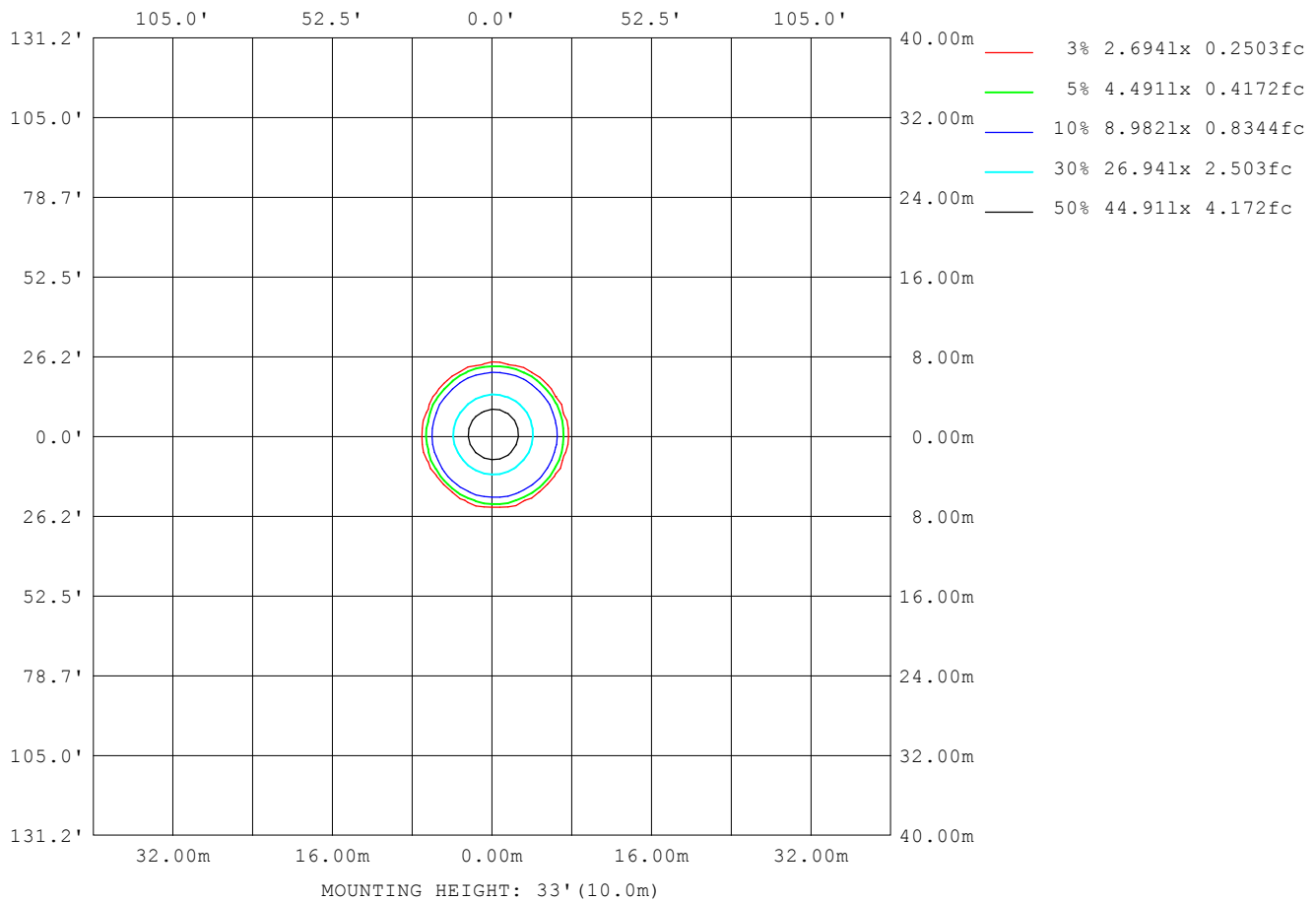
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

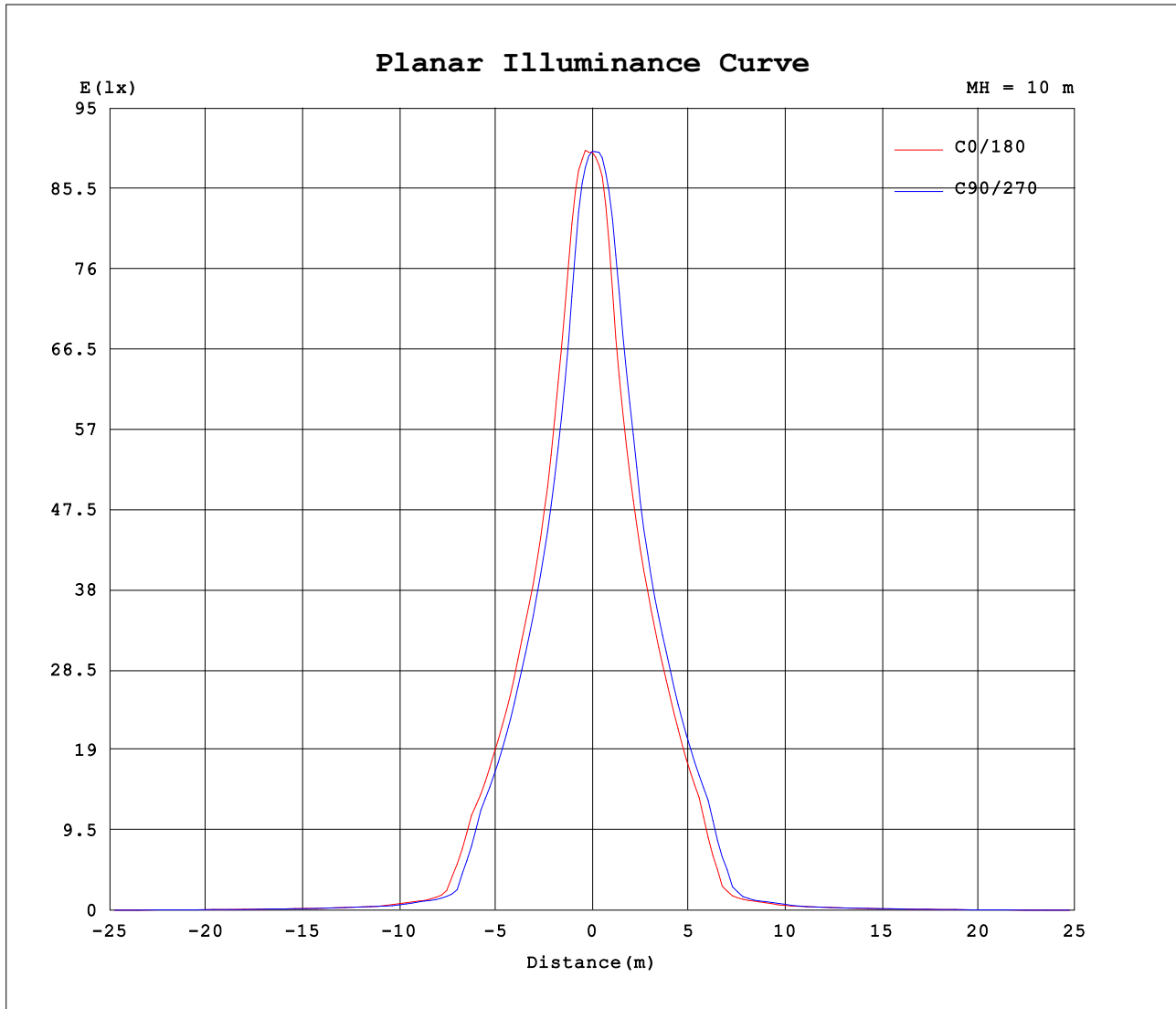
Test:U:120.4V I:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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

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:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	8982	8983	8988	8985	8995	8979	8991	8979	8985	8987	8982	8959	8982	8983	8988	8985	8995	8979	8991
5	8616	8517	8374	8282	8134	8035	7903	7864	7786	7827	7831	7922	8004	8105	8231	8342	8466	8521	8615
10	6549	6435	6250	6096	5942	5866	5739	5687	5645	5654	5624	5699	5782	5895	6066	6250	6443	6570	6707
15	4895	4801	4691	4648	4550	4487	4415	4377	4344	4377	4370	4406	4465	4550	4668	4754	4855	4916	5010
20	3866	3785	3668	3624	3546	3524	3439	3427	3369	3391	3376	3455	3516	3537	3630	3679	3796	3821	3927
25	2943	2901	2792	2751	2662	2649	2573	2566	2521	2537	2526	2594	2642	2661	2760	2798	2892	2948	3038
30	2126	2099	2041	2006	1934	1921	1833	1786	1654	1652	1589	1659	1712	1738	1889	1980	2133	2170	2246
35	1003	963	892	814	679	573	453	507	377	415	356	474	417	380	519	484	615	724	879
40	306	303	292	287	280	276	270	264	259	256	251	248	247	246	250	255	264	265	274
45	230	229	220	215	205	198	191	180	175	172	168	167	168	168	172	177	188	194	207
50	162	163	162	161	160	159	157	155	152	150	148	146	146	145	146	147	148	150	152
55	145	145	145	144	143	142	140	138	136	134	132	130	130	129	130	130	132	133	135
60	129	129	129	129	127	126	125	123	120	119	117	115	115	114	115	115	117	118	120
65	113	114	113	113	112	111	109	107	105	103	101	99.6	99.1	98.7	99.2	99.9	101	103	105
70	96.8	97.0	96.4	95.8	94.4	93.2	91.2	89.6	87.3	85.6	83.7	82.6	82.3	82.0	82.7	83.5	85.0	86.4	88.6
75	77.6	77.6	76.6	75.8	74.2	72.9	70.7	69.0	66.8	65.4	63.6	62.8	62.7	62.7	63.8	64.7	66.5	67.9	70.2
80	54.9	54.6	53.3	52.1	50.2	48.8	46.5	44.9	42.8	41.6	40.2	39.8	40.1	40.4	41.8	42.8	44.8	46.3	48.6
85	29.0	28.3	26.7	25.4	23.2	21.7	19.4	17.9	16.1	15.3	14.3	14.4	15.0	15.6	17.2	18.4	20.4	21.8	24.1
90	2.00	1.33	0.18	0.00	0.02	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
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	0.01	0.00	0.03	0.00	0.03	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
115	0.06	0.10	0.08	0.11	0.10	0.15	0.11	0.17	0.14	0.19	0.15	0.19	0.15	0.10	0.13	0.09	0.11	0.08	0.08
120	0.22	0.27	0.26	0.31	0.29	0.34	0.33	0.38	0.34	0.39	0.36	0.39	0.34	0.31	0.33	0.27	0.29	0.23	0.26
125	0.46	0.50	0.50	0.55	0.55	0.59	0.60	0.65	0.61	0.66	0.62	0.64	0.60	0.57	0.57	0.52	0.51	0.48	0.48
130	0.76	0.80	0.80	0.87	0.89	0.93	0.93	0.98	0.97	0.99	0.98	0.97	0.94	0.89	0.88	0.83	0.81	0.78	0.77
135	1.14	1.18	1.19	1.25	1.28	1.33	1.32	1.38	1.37	1.39	1.38	1.37	1.34	1.29	1.28	1.21	1.21	1.18	1.16
140	1.56	1.62	1.63	1.69	1.71	1.74	1.75	1.79	1.80	1.79	1.79	1.79	1.78	1.73	1.70	1.64	1.65	1.60	1.61
145	1.96	2.00	2.01	2.06	2.07	2.11	2.12	2.13	2.14	2.15	2.13	2.14	2.15	2.12	2.08	2.02	2.04	1.99	2.01
150	2.28	2.30	2.34	2.37	2.39	2.41	2.43	2.43	2.42	2.43	2.43	2.43	2.45	2.42	2.41	2.39	2.34	2.34	2.33
155	2.55	2.57	2.58	2.62	2.63	2.65	2.66	2.64	2.64	2.64	2.65	2.64	2.69	2.67	2.66	2.65	2.62	2.62	2.60
160	2.72	2.73	2.73	2.74	2.75	2.79	2.78	2.76	2.74	2.74	2.74	2.75	2.82	2.81	2.79	2.80	2.80	2.80	2.76
165	2.80	2.78	2.78	2.78	2.82	2.83	2.83	2.80	2.78	2.77	2.78	2.80	2.87	2.86	2.83	2.83	2.86	2.88	2.86
170	2.80	2.78	2.78	2.79	2.81	2.81	2.81	2.76	2.76	2.75	2.75	2.74	2.79	2.82	2.82	2.84	2.83	2.86	2.87
175	2.74	2.74	2.75	2.76	2.76	2.75	2.73	2.71	2.70	2.72	2.71	2.69	2.71	2.73	2.76	2.78	2.77	2.77	2.78
180	2.74	2.74	2.76	2.76	2.78	2.76	2.74	2.74	2.74	2.77	2.75	2.74	2.73	2.75	2.76	2.77	2.76	2.75	2.75

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:0.4891A P:58.61W PF:0.9953 Lamp Flux:4321.89x1 lm		
NAME: ADL 60W ADR8WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	8979	8985	8987	8982	8959														
5	8659	8718	8714	8780	8691														
10	6724	6764	6780	6790	6722														
15	5076	5162	5160	5140	4990														
20	3968	4035	4013	4029	3928														
25	3056	3094	3059	3071	3010														
30	2251	2296	2248	2252	2182														
35	956	1026	1035	1064	1044														
40	285	300	307	317	311														
45	214	225	226	231	230														
50	154	157	159	161	161														
55	137	139	141	143	144														
60	122	124	125	127	128														
65	107	109	110	112	112														
70	90.4	92.3	93.7	95.4	96.2														
75	71.8	73.8	75.2	76.7	77.2														
80	50.2	52.1	53.3	54.7	54.9														
85	25.5	27.4	28.2	29.4	29.4														
90	0.34	1.45	1.99	2.99	2.73														
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	0.04	0.06	0.03	0.06	0.01														
120	0.20	0.22	0.20	0.22	0.19														
125	0.45	0.45	0.41	0.45	0.40														
130	0.73	0.74	0.70	0.72	0.70														
135	1.10	1.09	1.07	1.08	1.09														
140	1.53	1.53	1.53	1.50	1.52														
145	1.96	1.95	1.95	1.93	1.93														
150	2.32	2.30	2.32	2.29	2.26														
155	2.61	2.59	2.58	2.56	2.53														
160	2.79	2.76	2.74	2.72	2.73														
165	2.88	2.85	2.81	2.79	2.81														
170	2.88	2.85	2.85	2.83	2.81														
175	2.79	2.80	2.82	2.80	2.78														
180	2.74	2.74	2.76	2.76	2.74														

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: