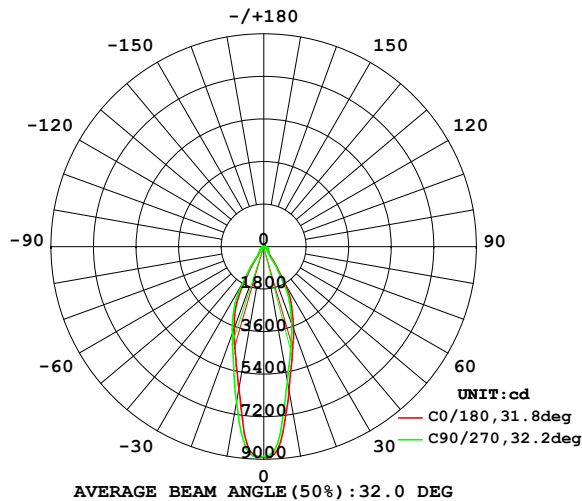


LUMINAIRE PHOTOMETRIC TEST REPORT

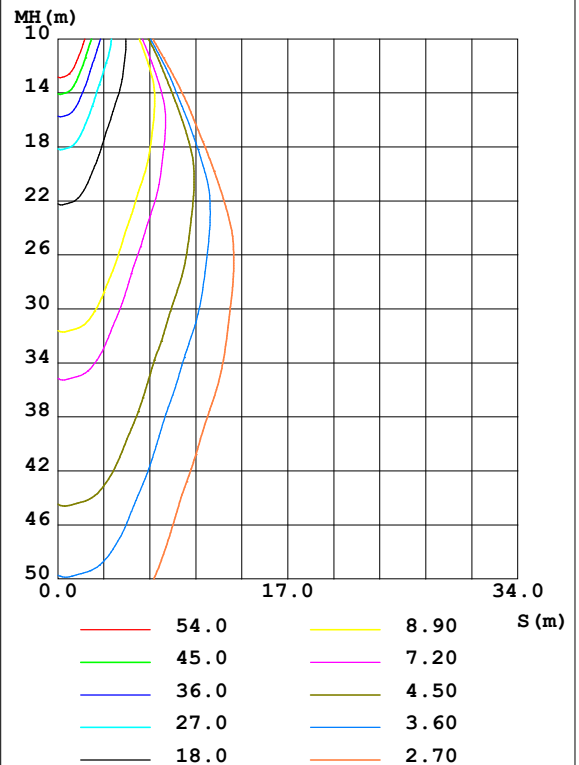
Test:U:120.4V I:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.27 lm/W			
MODEL		I _{max} (cd)	9007	S/MH (C0/180)	0.51
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH (C90/270)	0.55
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	4231.4	η UP,DN (C0-180)	0.1,48.0
NOMINAL FLUX(lm)	4231.36	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	0.65

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	6195	5939	5777	5869	6101	6474	6688	6508	0- 10	715.4	715.4	16.9
20	3691	3523	3458	3519	3674	3802	3916	3860	10- 20	1321	2036	48.1
30	1725	1531	1342	1310	1395	1616	1819	1828	20- 30	1242	3278	77.5
40	300.9	299.8	291.0	282.5	274.2	278.4	289.1	303.7	30- 40	396.3	3674	86.8
50	184.3	185.4	182.7	177.5	173.4	172.7	175.6	179.9	40- 50	179.7	3854	91.1
60	145.5	146.6	144.6	139.8	136.1	135.6	138.7	142.0	50- 60	142.9	3997	94.5
70	106.5	106.7	103.9	100.1	97.37	97.67	100.9	104.3	60- 70	121.0	4118	97.3
80	56.96	54.64	51.01	48.50	48.03	50.30	54.12	56.57	70- 80	82.73	4200	99.3
90	0.0107	0	0	0	0	0.0073	0	0.2418	80- 90	26.08	4226	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0029	4226	99.9
110	0	0.0001	0	0.0066	0	0	0	0	100-110	0.0000	4226	99.9
120	0.2486	0.3008	0.2933	0.3258	0.2879	0.2232	0.2367	0.1914	110-120	0.1004	4227	99.9
130	0.7911	0.8745	0.8859	0.9072	0.8369	0.7524	0.7538	0.7209	120-130	0.4598	4227	99.9
140	1.594	1.667	1.690	1.705	1.641	1.575	1.526	1.512	130-140	0.9163	4228	99.9
150	2.304	2.349	2.361	2.343	2.362	2.316	2.273	2.284	140-150	1.240	4229	99.9
160	2.693	2.700	2.732	2.662	2.757	2.719	2.751	2.719	150-160	1.176	4230	100
170	2.668	2.668	2.674	2.623	2.687	2.719	2.751	2.719	160-170	0.7729	4231	100
180	2.649	2.681	2.642	2.668	2.649	2.674	2.636	2.661	170-180	0.2535	4231	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

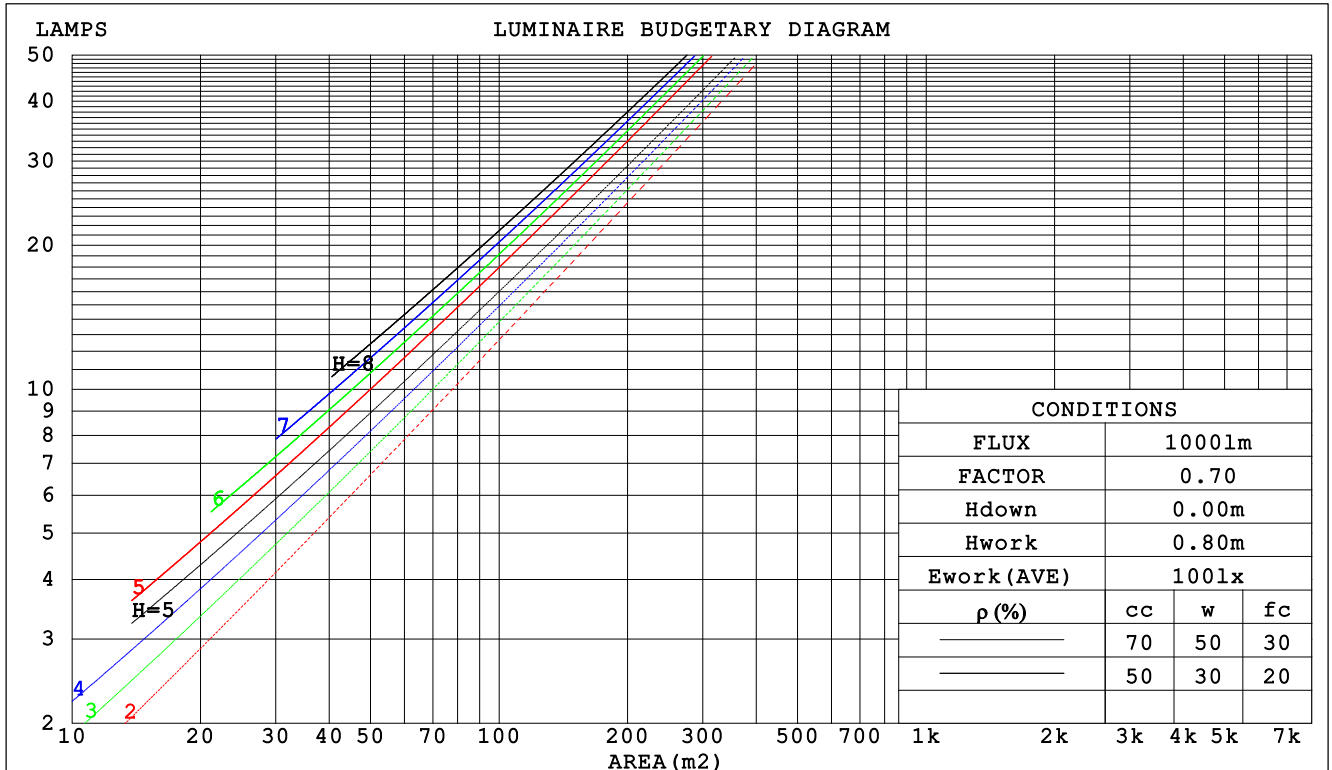
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	1.07	1.05	1.08	1.05	1.03	1.04	1.02	1.00	.00	.98	.97	.97	.95	.94	.92
2.0	1.02	.98	.94	1.00	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.87	.86
3.0	.95	.90	.86	.94	.89	.86	.91	.87	.84	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.76	.75
5.0	.84	.79	.74	.83	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.71
6.0	.80	.74	.70	.79	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.65	.73	.68	.65	.71	.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	.66	.60	.56	.65	.60	.56	.64	.59	.56	.64	.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:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	.192	.109	.035	.185	.105	.033	.172	.099	.032	.160	.092	.030	.150	.087	.028		
2.0	.179	.098	.030	.173	.095	.029	.163	.090	.028	.153	.086	.027	.144	.081	.026		
3.0	.167	.089	.027	.162	.087	.026	.153	.083	.025	.145	.079	.024	.137	.076	.023		
4.0	.156	.081	.024	.152	.080	.024	.144	.077	.023	.137	.074	.022	.130	.071	.022		
5.0	.147	.075	.022	.143	.074	.021	.136	.071	.021	.130	.069	.020	.124	.066	.020		
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.124	.064	.019	.118	.062	.019		
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.061	.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	.050	.014		

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	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.133	.113	.135	.115	.097	.093	.079	.068	.054	.046	.040	.017	.015	.013	
3.0	.146	.115	.090	.125	.099	.078	.086	.069	.055	.049	.040	.032	.016	.013	.011	
4.0	.135	.100	.073	.116	.086	.063	.080	.060	.045	.046	.035	.026	.015	.011	.009	
5.0	.126	.088	.060	.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:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm										
NAME: ADL 60W ADR6WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W ADR6WH 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	8.9	9.8	9.1	10.0	10.2	8.6	9.5	8.8	9.7	9.8
3H	10.5	11.3	10.7	11.5	11.7	10.2	11.1	10.5	11.3	11.5
4H	11.2	12.1	11.5	12.3	12.5	11.0	11.8	11.3	12.0	12.3
6H	11.9	12.7	12.2	12.9	13.2	11.6	12.4	11.9	12.6	12.9
8H	12.2	12.9	12.5	13.2	13.4	11.8	12.6	12.1	12.8	13.1
12H	12.4	13.1	12.7	13.4	13.6	11.9	12.7	12.3	12.9	13.2
4H 2H	9.5	10.3	9.7	10.5	10.7	9.2	10.0	9.5	10.2	10.5
3H	11.3	12.0	11.6	12.3	12.5	11.1	11.8	11.4	12.1	12.4
4H	12.2	12.9	12.6	13.2	13.5	12.0	12.7	12.4	13.0	13.3
6H	13.0	13.6	13.4	14.0	14.3	12.8	13.4	13.2	13.7	14.0
8H	13.4	13.9	13.8	14.3	14.6	13.0	13.6	13.4	13.9	14.3
12H	13.6	14.1	14.0	14.5	14.9	13.2	13.7	13.6	14.1	14.5
8H 4H	12.6	13.1	13.0	13.5	13.8	12.4	12.9	12.8	13.3	13.7
6H	13.5	14.0	14.0	14.4	14.8	13.3	13.8	13.7	14.2	14.6
8H	14.0	14.4	14.4	14.8	15.2	13.7	14.1	14.1	14.5	14.9
12H	14.3	14.6	14.8	15.1	15.6	13.9	14.3	14.4	14.7	15.2
12H 4H	12.6	13.1	13.0	13.5	13.8	12.4	12.9	12.8	13.3	13.7
6H	13.6	14.0	14.1	14.4	14.9	13.4	13.8	13.8	14.2	14.7
8H	14.1	14.4	14.6	14.9	15.4	13.8	14.1	14.3	14.6	15.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 4231 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

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:

UTILIZATION FACTORS TABLE

Test:U:120.4V I:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	72	83	76	72	82	76	72	68
0.80	91	84	80	90	84	80	89	83	80	76
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	94	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	101	98	105	100	97	102	98	95	90
2.50	108	104	100	107	103	99	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	113	109	107	110	108	105	107	104	103	95
5.00	114	111	109	112	109	108	108	106	104	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:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

3772.8 lm

%lum = 89.2%

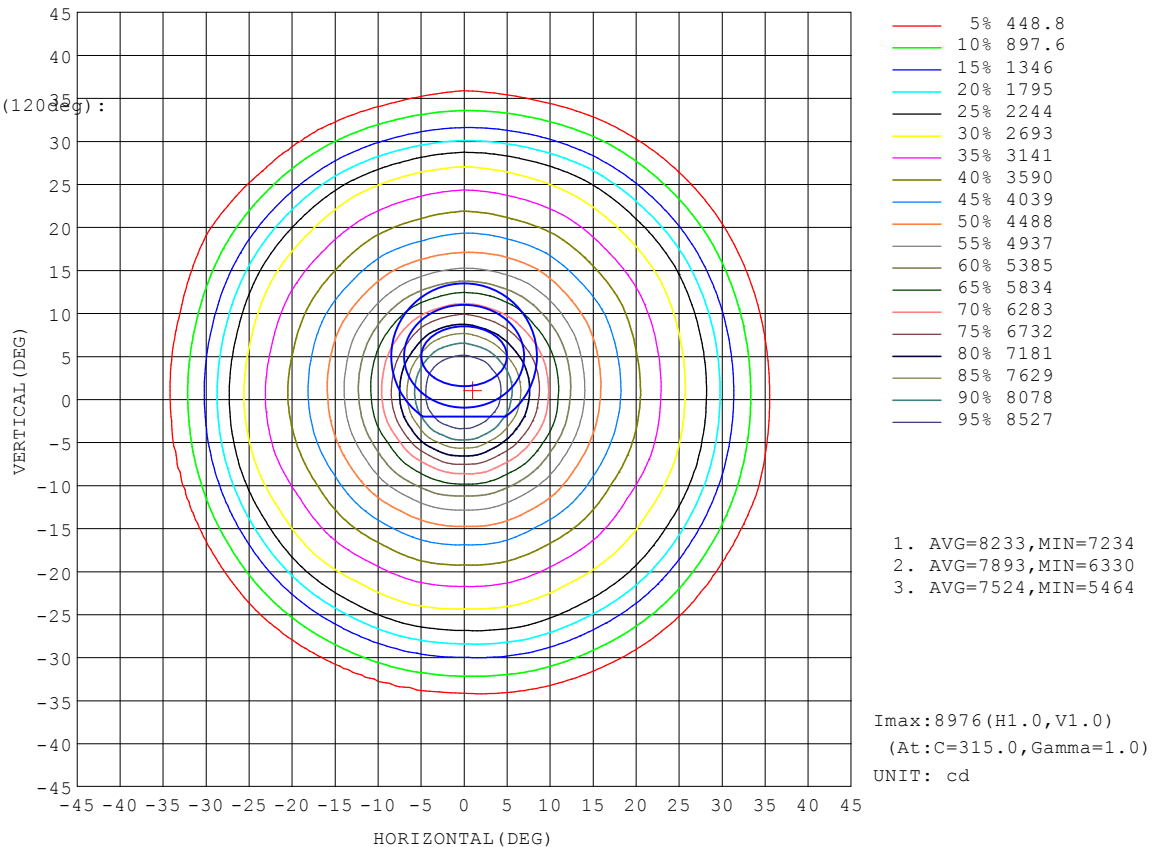
%lamp = 89.2%

Conical surface Flux(120deg):

3996.6 lm

%lum = 94.5%

%lamp = 94.5%

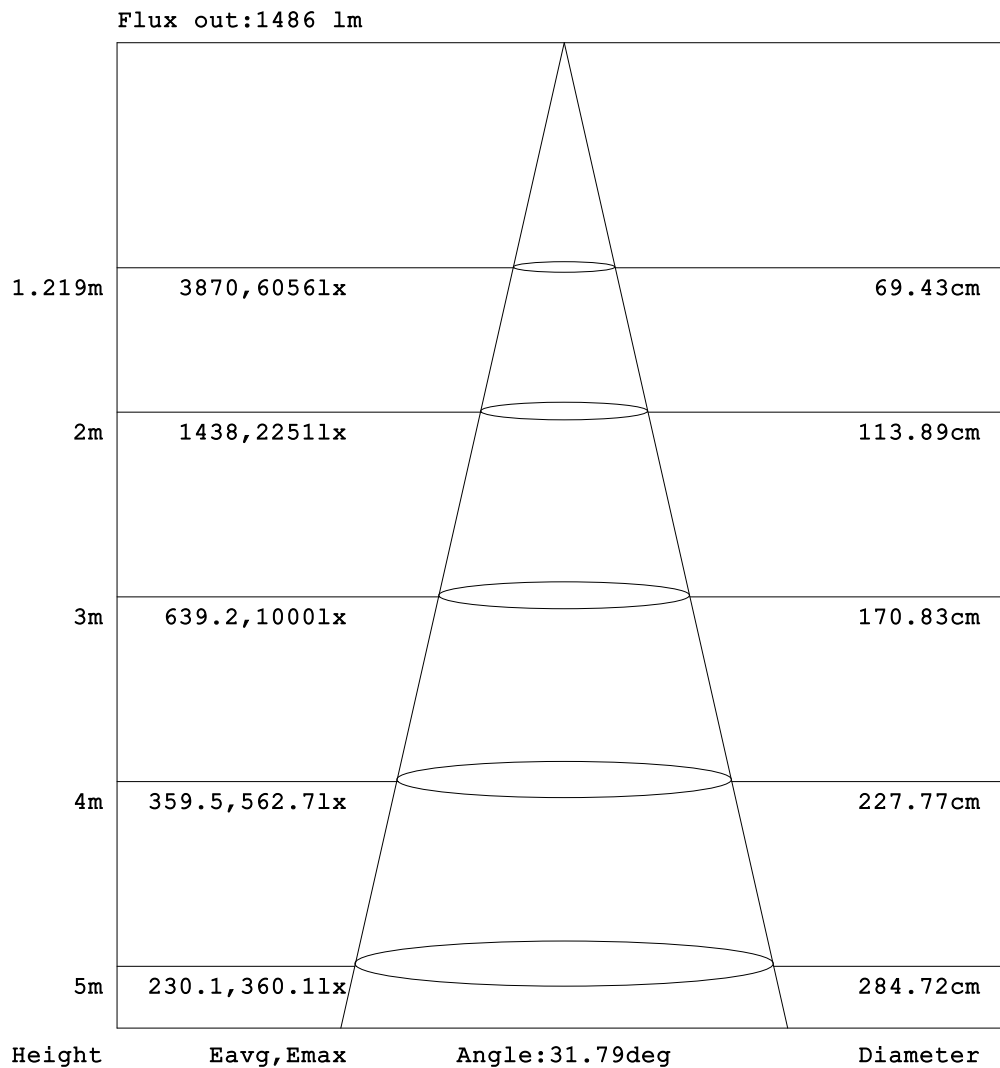


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



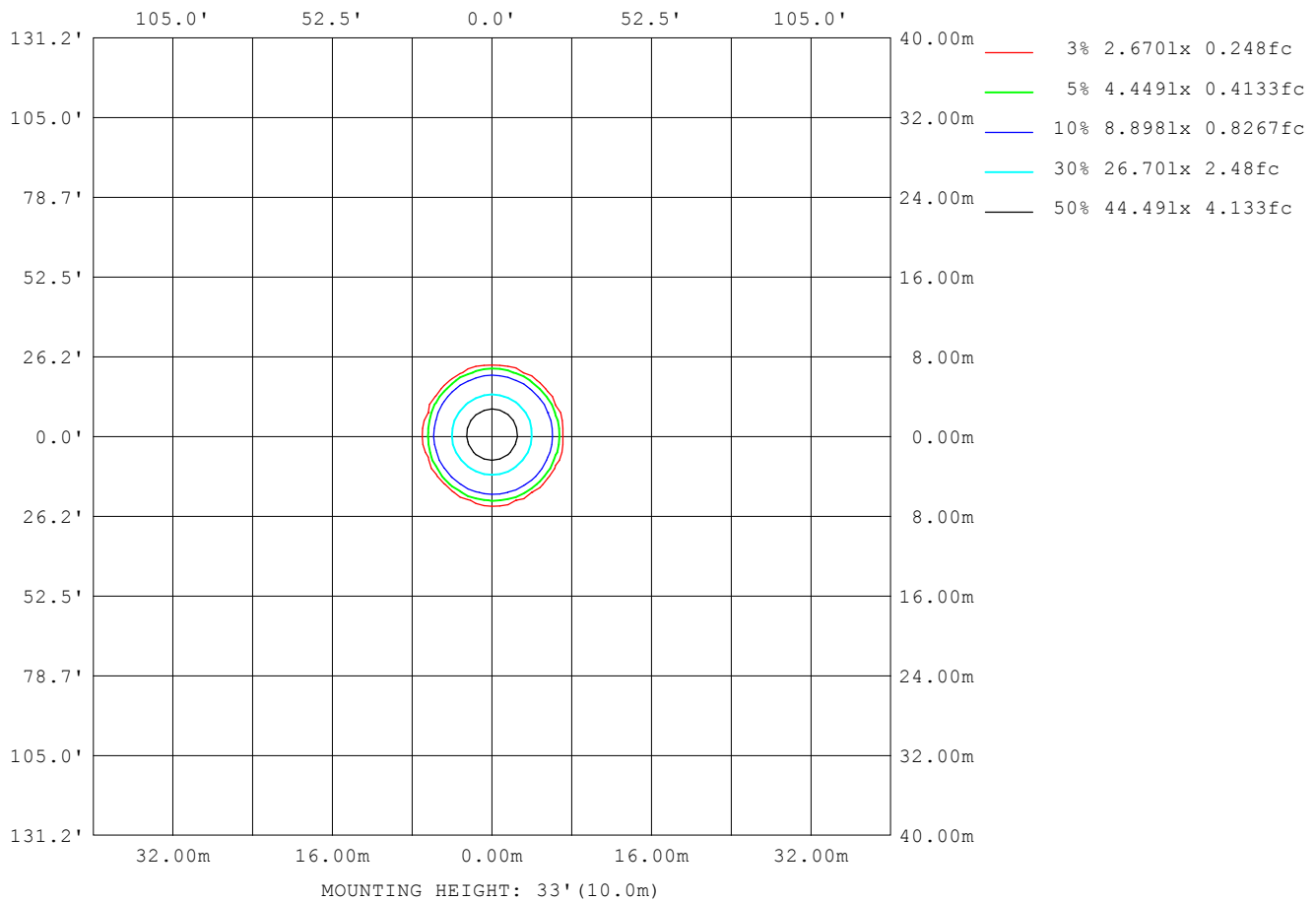
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

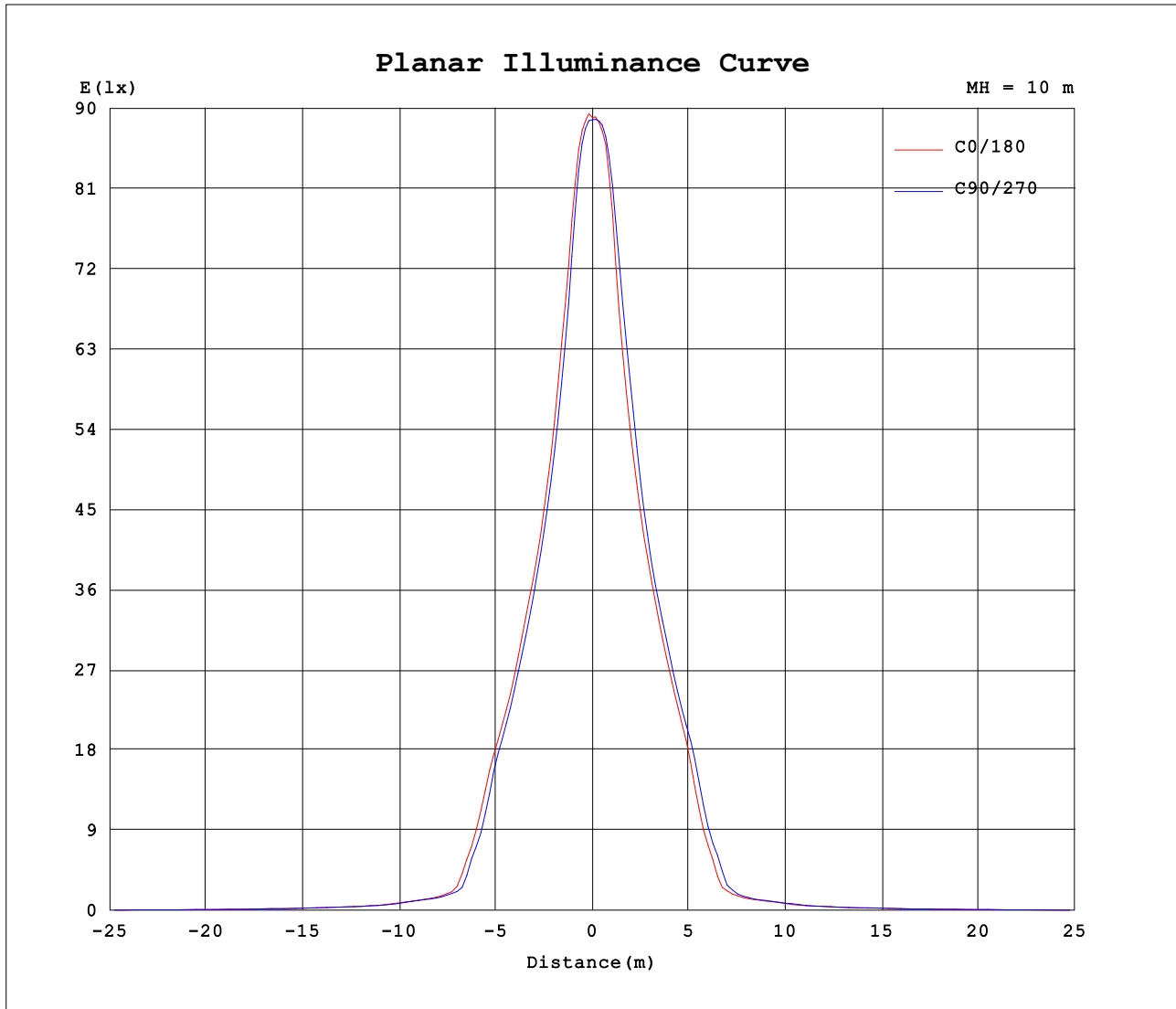
Test:U:120.4V I:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	8898	8889	8888	8884	8881	8870	8874	8874	8875	8886	8887	8908	8898	8889	8888	8884	8881	8870	8874
5	8270	8206	8088	8036	7964	7983	7965	8003	8002	8130	8192	8296	8352	8403	8515	8565	8570	8559	8560
10	6195	6134	5998	5939	5835	5824	5777	5800	5816	5869	5891	6024	6101	6212	6367	6474	6630	6652	6688
15	4673	4598	4526	4528	4478	4476	4437	4458	4465	4530	4560	4613	4667	4752	4861	4914	4966	4963	4999
20	3691	3619	3524	3523	3481	3495	3458	3479	3463	3519	3526	3606	3674	3709	3790	3802	3873	3853	3916
25	2801	2766	2684	2662	2611	2632	2589	2624	2598	2664	2665	2753	2804	2818	2893	2897	2963	2983	3026
30	1725	1670	1590	1531	1447	1420	1342	1333	1303	1310	1305	1351	1395	1439	1537	1616	1703	1745	1819
35	502	480	441	429	411	402	392	402	377	389	370	393	404	386	455	420	459	475	515
40	301	303	300	300	297	294	291	288	284	282	277	275	274	273	276	278	285	284	289
45	249	249	243	243	238	237	231	229	225	224	220	223	224	223	227	228	233	235	241
50	184	185	185	185	185	184	183	181	179	177	175	174	173	173	173	173	173	174	176
55	164	165	165	165	165	164	163	162	160	158	156	155	154	153	154	154	155	155	157
60	145	146	146	147	146	146	145	143	141	140	138	136	136	135	136	136	137	137	139
65	127	127	127	128	127	127	125	124	122	121	119	118	118	117	117	117	118	119	120
70	107	107	107	107	106	105	104	103	101	100	98.3	97.5	97.4	96.9	97.5	97.7	98.7	99.4	101
75	83.5	83.6	82.6	82.4	81.2	80.7	79.1	78.3	76.6	76.0	74.5	74.1	74.2	74.1	75.1	75.5	76.7	77.5	79.0
80	57.0	56.5	55.2	54.6	53.3	52.6	51.0	50.3	48.8	48.5	47.4	47.5	48.0	48.4	49.6	50.3	51.8	52.5	54.1
85	27.6	26.9	25.4	24.6	23.0	22.3	20.8	20.2	19.0	19.0	18.3	18.8	19.5	20.1	21.7	22.5	24.1	24.9	26.4
90	0.01	0.00	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	0.01	0.00	0.03	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	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.07	0.12	0.08	0.12	0.10	0.14	0.11	0.15	0.10	0.14	0.10	0.15	0.11	0.08	0.10	0.08	0.08	0.06	0.07
120	0.25	0.28	0.26	0.30	0.28	0.33	0.29	0.35	0.31	0.33	0.31	0.31	0.29	0.26	0.27	0.22	0.26	0.22	0.24
125	0.48	0.53	0.51	0.56	0.54	0.58	0.55	0.59	0.57	0.58	0.55	0.57	0.53	0.50	0.50	0.45	0.47	0.43	0.47
130	0.79	0.83	0.84	0.87	0.85	0.89	0.89	0.92	0.90	0.91	0.86	0.87	0.84	0.80	0.81	0.75	0.77	0.72	0.75
135	1.17	1.22	1.22	1.26	1.25	1.28	1.28	1.30	1.26	1.29	1.24	1.26	1.21	1.17	1.18	1.14	1.14	1.08	1.11
140	1.59	1.65	1.63	1.67	1.66	1.69	1.69	1.70	1.68	1.70	1.66	1.68	1.64	1.62	1.61	1.58	1.56	1.51	1.53
145	1.98	2.03	2.01	2.05	2.03	2.05	2.05	2.06	2.05	2.06	2.03	2.05	2.05	2.03	2.00	1.97	1.95	1.93	1.94
150	2.30	2.32	2.34	2.35	2.36	2.36	2.36	2.36	2.35	2.34	2.35	2.34	2.36	2.34	2.34	2.32	2.28	2.27	2.27
155	2.54	2.55	2.57	2.58	2.59	2.60	2.60	2.58	2.58	2.56	2.57	2.55	2.61	2.58	2.59	2.58	2.55	2.57	2.57
160	2.69	2.68	2.69	2.70	2.72	2.73	2.73	2.71	2.69	2.66	2.68	2.69	2.76	2.74	2.73	2.72	2.73	2.73	2.75
165	2.72	2.71	2.71	2.69	2.72	2.75	2.73	2.71	2.69	2.67	2.69	2.69	2.79	2.79	2.75	2.74	2.80	2.78	2.80
170	2.67	2.66	2.66	2.67	2.68	2.69	2.67	2.66	2.63	2.62	2.65	2.64	2.69	2.73	2.72	2.72	2.73	2.73	2.75
175	2.62	2.62	2.62	2.64	2.66	2.64	2.60	2.60	2.59	2.60	2.62	2.60	2.63	2.64	2.66	2.67	2.64	2.64	2.65
180	2.65	2.64	2.66	2.68	2.66	2.64	2.64	2.65	2.66	2.67	2.65	2.63	2.65	2.64	2.65	2.67	2.66	2.64	2.64

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:0.4886A P:58.55W PF:0.9953 Lamp Flux:4231.36x1 lm		
NAME: ADL 60W ADR6WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR6WH 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	8874	8875	8886	8887	8908														
5	8538	8534	8460	8450	8378														
10	6612	6579	6508	6443	6297														
15	4993	5017	4966	4886	4759														
20	3898	3922	3860	3860	3742														
25	2996	2992	2934	2930	2856														
30	1818	1877	1828	1850	1789														
35	525	563	549	558	529														
40	295	301	304	309	304														
45	244	249	248	250	249														
50	177	178	180	181	183														
55	158	159	160	162	163														
60	140	141	142	144	144														
65	121	123	124	125	126														
70	102	103	104	105	106														
75	80.0	81.4	82.0	83.3	83.3														
80	54.9	56.2	56.6	57.5	57.2														
85	27.0	28.1	28.2	28.8	28.3														
90	0.06	0.22	0.24	0.50	0.19														
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	0.03	0.06	0.03	0.06	0.03														
120	0.20	0.23	0.19	0.24	0.20														
125	0.42	0.45	0.43	0.46	0.43														
130	0.71	0.75	0.72	0.73	0.73														
135	1.07	1.09	1.10	1.09	1.10														
140	1.51	1.49	1.51	1.53	1.53														
145	1.91	1.92	1.93	1.97	1.95														
150	2.25	2.28	2.28	2.31	2.32														
155	2.55	2.55	2.56	2.55	2.55														
160	2.75	2.72	2.72	2.68	2.69														
165	2.81	2.78	2.75	2.72	2.72														
170	2.76	2.74	2.72	2.71	2.70														
175	2.67	2.67	2.67	2.67	2.65														
180	2.64	2.64	2.66	2.65	2.63														

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: