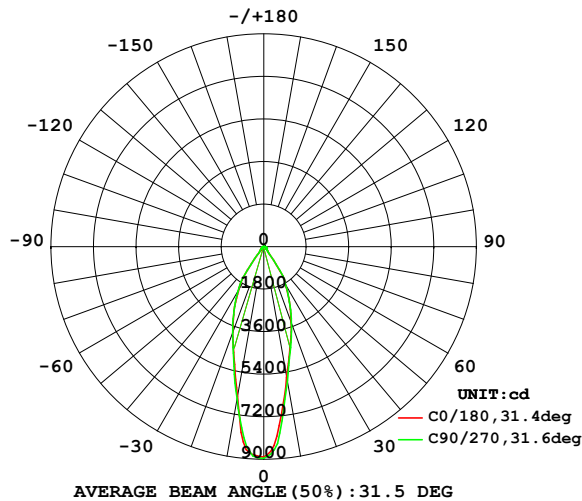


LUMINAIRE PHOTOMETRIC TEST REPORT

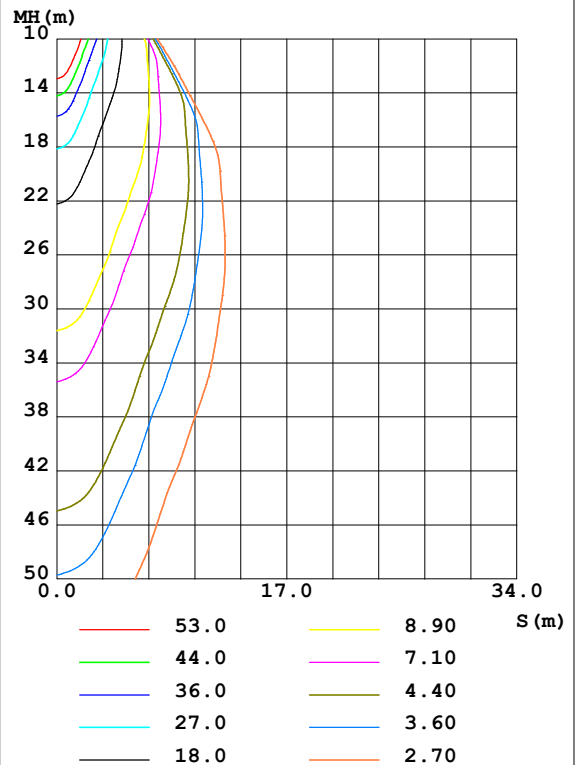
Test:U:120.4V I:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.61 lm/W			
MODEL		I _{max} (cd)	8964	S/MH (C0/180)	0.53
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	0.54
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	4395.1	η UP, DN (C0-180)	0.1, 47.9
NOMINAL FLUX (lm)	4395.13	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 52.0
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	5610	5581	5769	6170	6445	6728	6547	6045	0- 10	708.3	708.3	16.1
20	3397	3335	3439	3666	3852	3914	3871	3636	10- 20	1308	2016	45.9
30	1840	1821	1867	2018	2163	2239	2208	1991	20- 30	1269	3286	74.8
40	278.0	277.0	273.5	278.1	282.7	285.9	288.5	283.0	30- 40	662.6	3948	89.8
50	142.8	144.2	142.1	137.9	135.5	133.0	134.5	138.1	40- 50	149.3	4098	93.2
60	113.0	114.4	112.7	108.6	106.3	104.2	105.5	108.7	50- 60	110.4	4208	95.7
70	82.41	83.80	82.45	79.33	77.50	75.80	76.77	79.09	60- 70	93.73	4302	97.9
80	44.40	44.98	44.44	43.36	42.71	41.93	42.40	43.22	70- 80	65.74	4367	99.4
90	0.0017	0	0.0012	0	0	0.0075	0	0.0059	80- 90	22.59	4390	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0002	4390	99.9
110	0	0.0257	0	0.0003	0	0	0	0	100-110	0.0002	4390	99.9
120	0.3439	0.3770	0.3382	0.3448	0.2746	0.2292	0.2813	0.2800	110-120	0.1266	4390	99.9
130	0.9313	0.9841	0.9372	0.8941	0.8170	0.7594	0.8174	0.8424	120-130	0.5061	4391	99.9
140	1.742	1.795	1.735	1.673	1.628	1.550	1.583	1.659	130-140	0.9709	4392	99.9
150	2.418	2.426	2.399	2.343	2.310	2.284	2.323	2.406	140-150	1.272	4393	99.9
160	2.757	2.757	2.763	2.713	2.757	2.738	2.795	2.802	150-160	1.195	4394	100
170	2.827	2.821	2.853	2.821	2.878	2.898	2.891	2.872	160-170	0.8016	4395	100
180	2.795	2.815	2.789	2.783	2.789	2.815	2.776	2.795	170-180	0.2710	4395	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

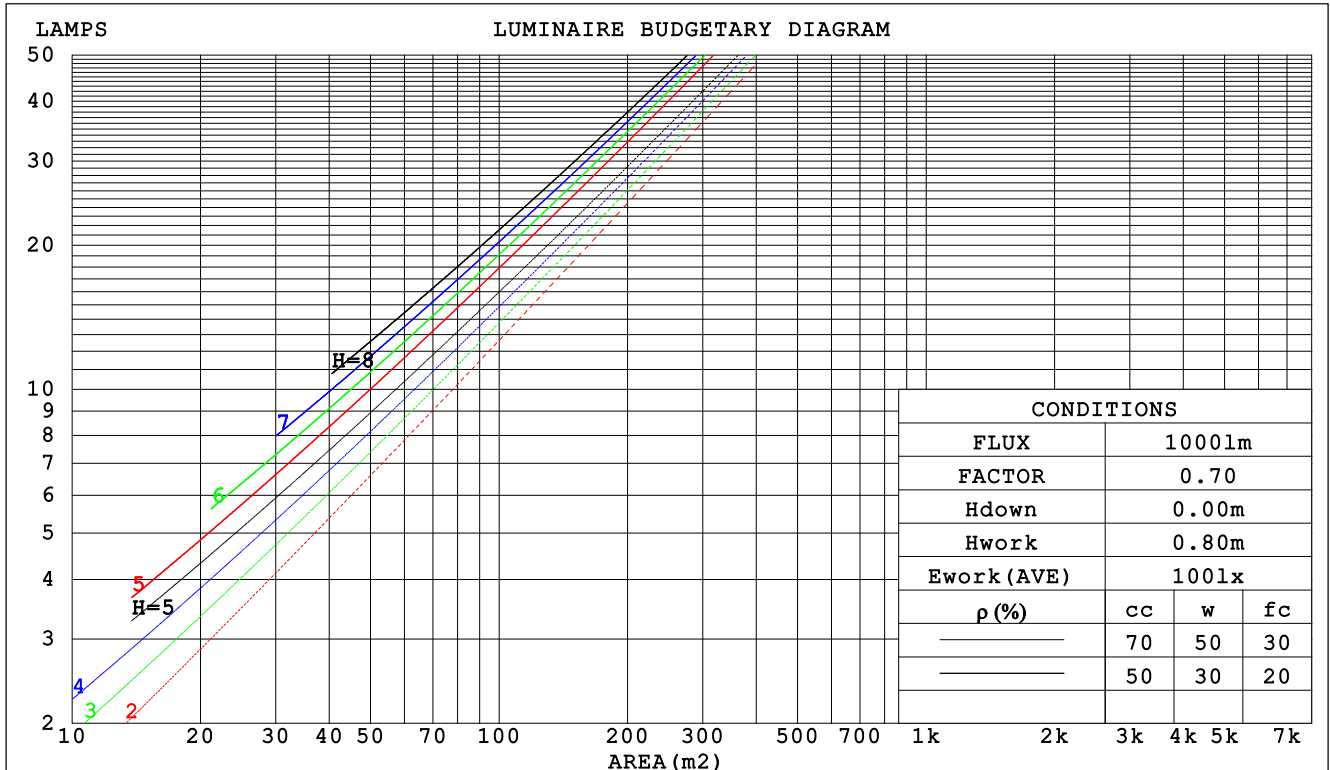
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.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	.84	.79	.75	.84	.78	.74	.82	.77	.73	.80	.76	.73	.79	.75	.72	.71
6.0	.80	.74	.70	.79	.74	.70	.77	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.69	.65	.74	.69	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.60
9.0	.68	.63	.59	.68	.62	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.57
10.0	.65	.59	.56	.65	.59	.56	.64	.59	.56	.63	.59	.55	.62	.58	.55	.54



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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 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	.187	.107	.034	.181	.103	.033	.168	.096	.031	.156	.090	.029	.146	.084	.027		
2.0	.176	.096	.030	.170	.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	.075	.022	.143	.073	.021	.136	.071	.021	.129	.068	.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	.129	.064	.018	.123	.062	.018	.118	.061	.018	.114	.059	.017		
8.0	.125	.061	.017	.123	.060	.017	.118	.059	.017	.113	.057	.017	.109	.056	.016		
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016	.105	.053	.015		
10.0	.114	.055	.015	.112	.054	.015	.108	.053	.015	.105	.052	.015	.101	.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	.114	.090	.124	.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	.126	.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	.100	.060	.033	.086	.052	.028	.059	.036	.020	.035	.021	.012	.011	.007	.004	
10.0	.095	.055	.029	.082	.048	.025	.057	.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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm										
NAME: ADL 60W ADR9.5WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W ADR9.5WH 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	8.8	9.7	9.0	9.9	10.1	8.8	9.8	9.0	9.9	10.1
3H	9.8	10.6	10.0	10.8	11.0	9.8	10.6	10.0	10.8	11.0
4H	10.3	11.1	10.6	11.3	11.6	10.3	11.2	10.6	11.4	11.6
6H	10.8	11.6	11.1	11.8	12.1	10.8	11.6	11.1	11.9	12.1
8H	11.0	11.8	11.3	12.0	12.3	11.0	11.8	11.4	12.1	12.3
12H	11.2	11.9	11.5	12.2	12.4	11.2	11.9	11.5	12.2	12.5
4H 2H	9.0	9.9	9.3	10.1	10.3	9.1	9.9	9.3	10.1	10.3
3H	10.3	11.0	10.6	11.3	11.6	10.3	11.0	10.6	11.3	11.6
4H	11.0	11.7	11.4	12.0	12.3	11.1	11.7	11.4	12.0	12.3
6H	11.7	12.3	12.1	12.6	13.0	11.7	12.3	12.1	12.7	13.0
8H	12.0	12.5	12.4	12.9	13.3	12.0	12.6	12.4	12.9	13.3
12H	12.2	12.7	12.6	13.1	13.5	12.2	12.7	12.6	13.1	13.5
8H 4H	11.3	11.9	11.7	12.2	12.6	11.3	11.9	11.7	12.2	12.6
6H	12.2	12.6	12.6	13.0	13.4	12.2	12.6	12.6	13.0	13.5
8H	12.6	12.9	13.0	13.4	13.8	12.6	13.0	13.0	13.4	13.8
12H	12.8	13.2	13.3	13.6	14.1	12.9	13.2	13.3	13.6	14.1
12H 4H	11.3	11.8	11.8	12.2	12.6	11.4	11.9	11.8	12.2	12.6
6H	12.3	12.7	12.7	13.1	13.5	12.3	12.7	12.7	13.1	13.5
8H	12.7	13.0	13.1	13.5	13.9	12.7	13.0	13.2	13.5	13.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.4 / - 0.2					+ 0.4 / - 0.2				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 4395 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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 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	79	75	85	79	75	84	78	74	71
0.80	93	87	83	92	86	82	91	86	82	78
1.00	97	91	87	96	91	87	95	91	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	101	98	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	97
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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

4035.1 lm

%lum = 91.8%

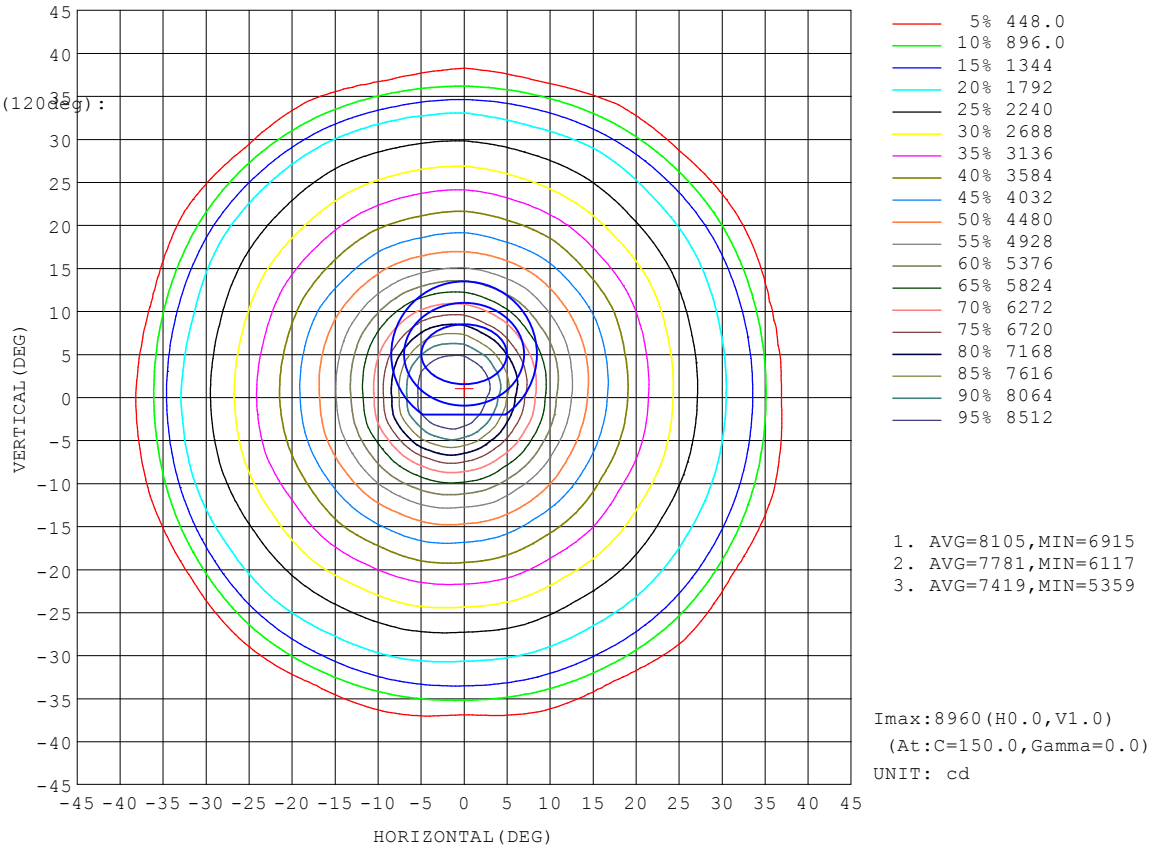
%lamp = 91.8%

Conical surface Flux(120deg):

4207.9 lm

%lum = 95.7%

%lamp = 95.7%

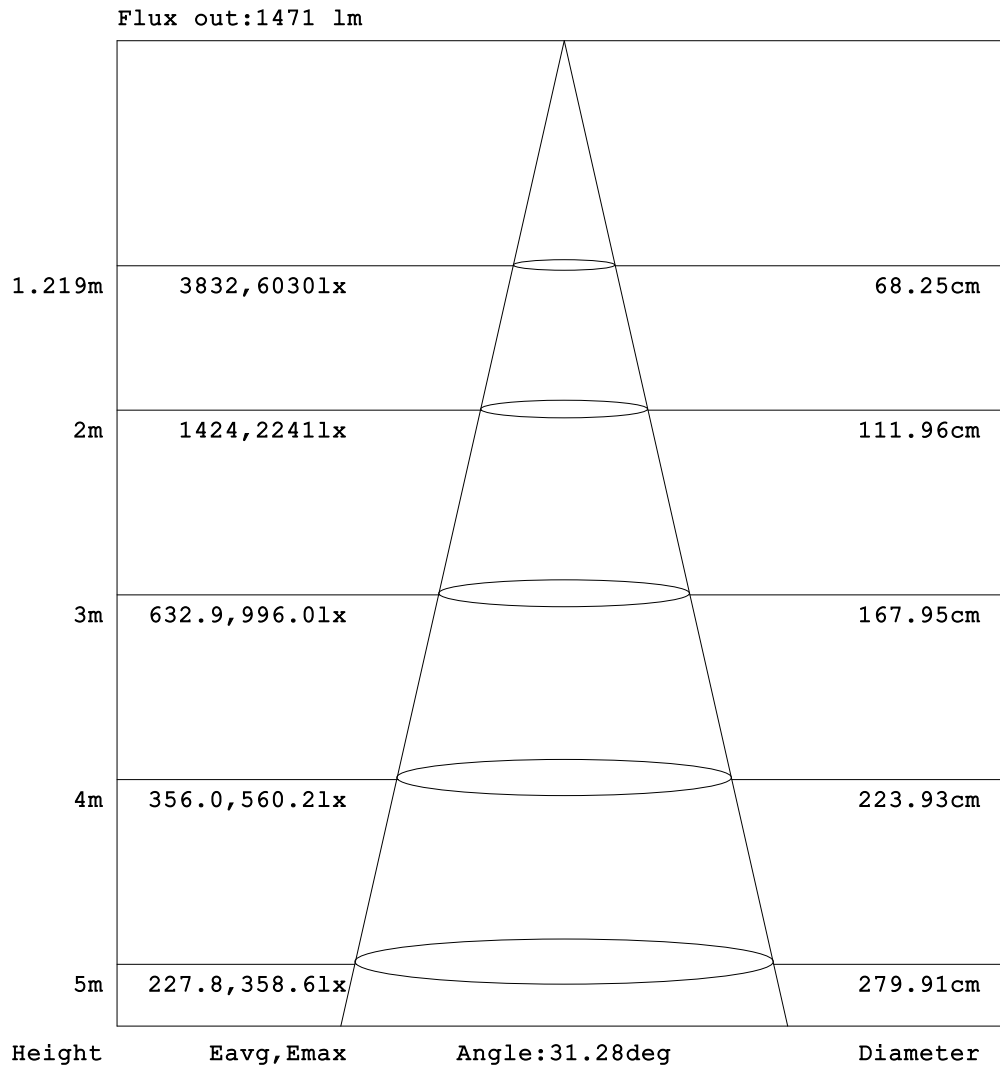


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



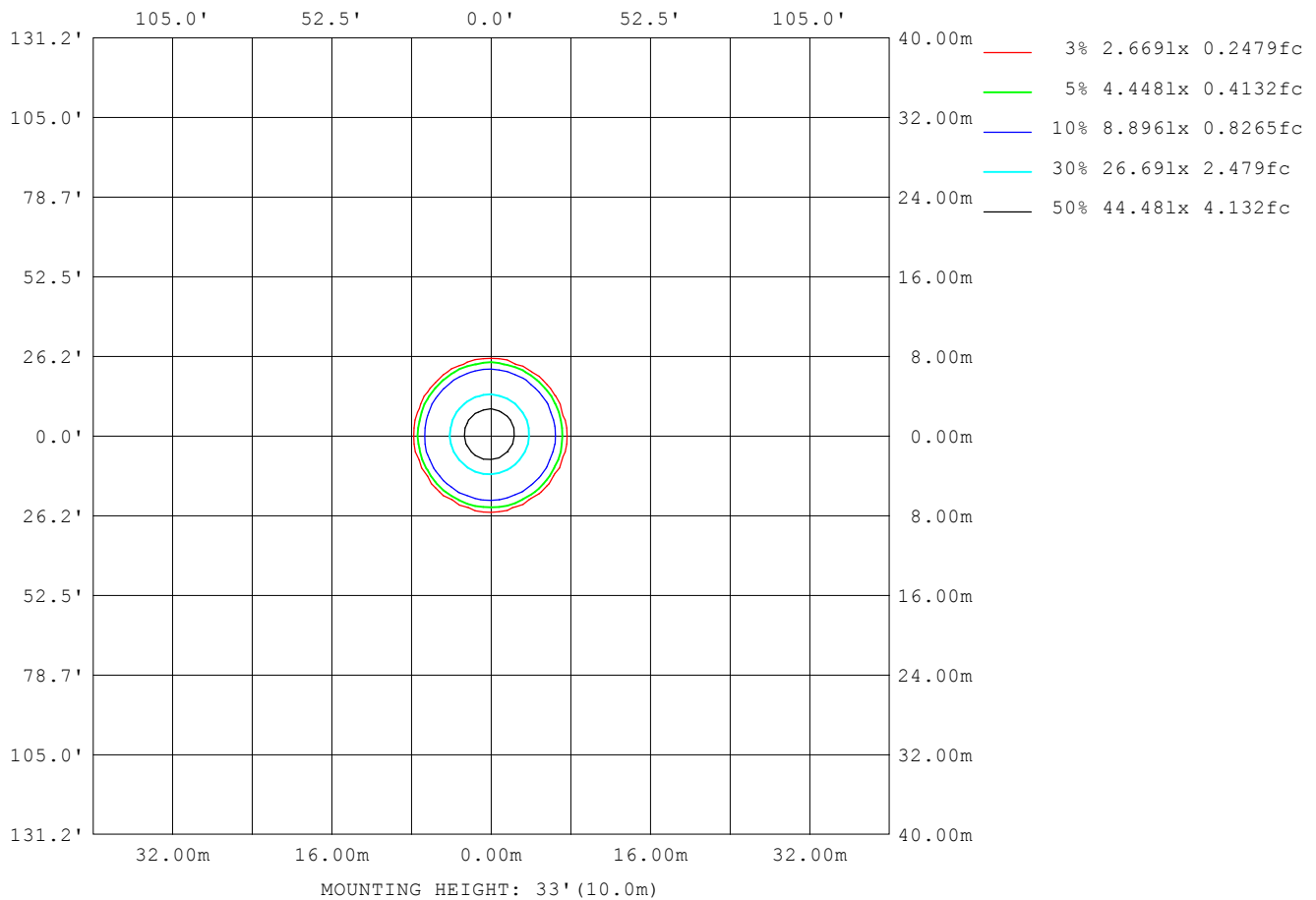
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

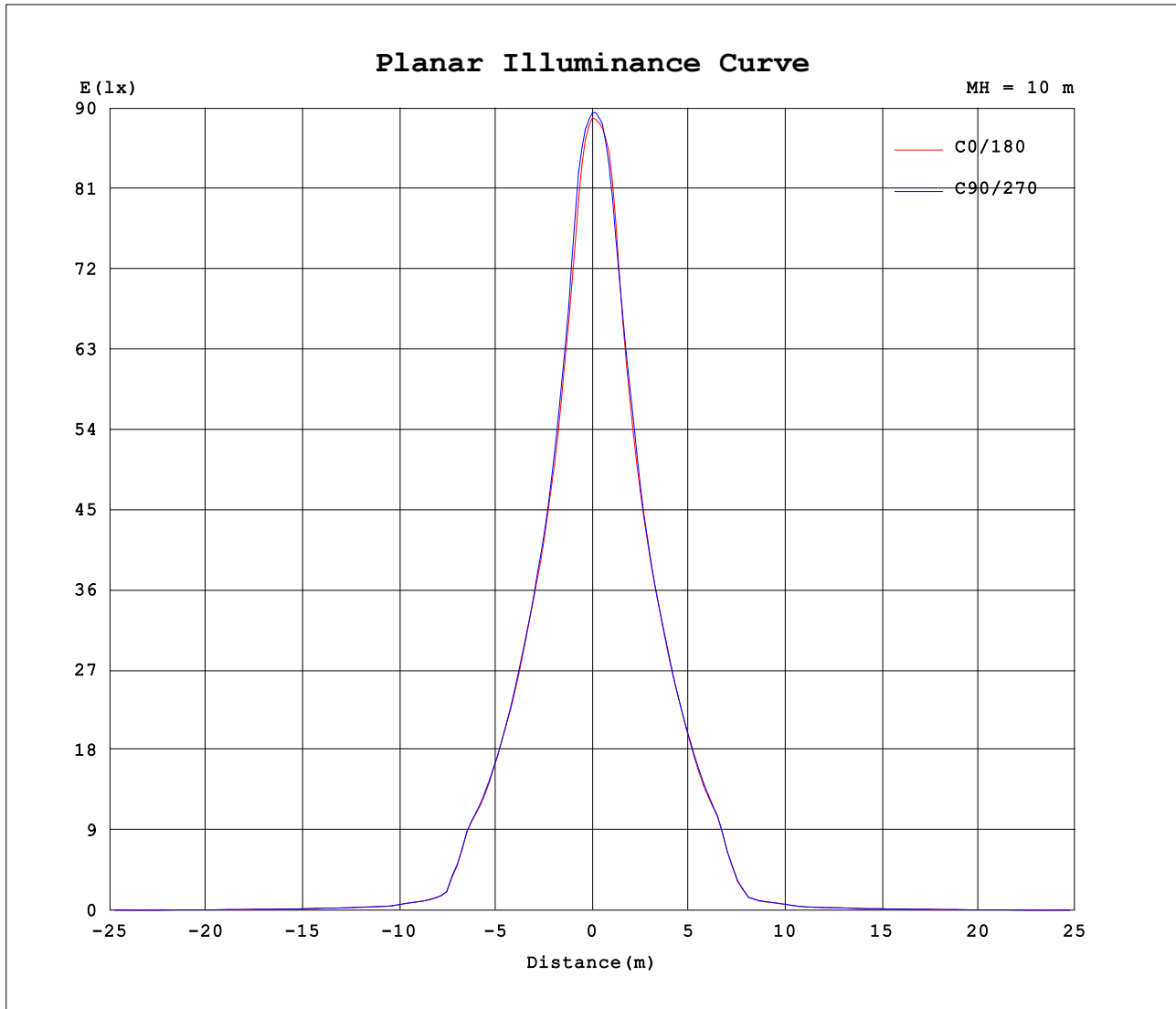
Test:U:120.4V I:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 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	8896	8902	8912	8935	8935	8945	8954	8957	8963	8962	8964	8958	8896	8902	8912	8935	8935	8945	8954
5	7598	7570	7520	7590	7621	7794	7913	8126	8247	8420	8542	8666	8618	8662	8679	8666	8600	8527	8466
10	5610	5589	5545	5581	5594	5700	5769	5900	6002	6170	6302	6461	6445	6552	6688	6728	6769	6655	6547
15	4340	4283	4269	4299	4326	4384	4418	4513	4568	4715	4775	4871	4895	4966	5073	5090	5055	4966	4941
20	3397	3355	3293	3335	3341	3412	3439	3515	3551	3666	3712	3802	3852	3902	3967	3914	3938	3875	3871
25	2581	2555	2503	2511	2508	2575	2587	2672	2694	2794	2834	2957	2992	2996	3043	3017	3031	3001	2987
30	1840	1831	1811	1821	1818	1869	1867	1935	1955	2018	2057	2141	2163	2179	2236	2239	2277	2232	2208
35	918	907	889	903	897	926	939	986	1004	1061	1082	1152	1208	1229	1279	1267	1279	1233	1212
40	278	279	275	277	275	276	273	277	274	278	274	279	283	281	285	286	287	282	288
45	189	192	187	190	188	193	189	193	190	194	191	196	198	194	198	194	197	193	196
50	143	144	144	144	144	143	142	141	139	138	136	135	136	134	134	133	133	133	135
55	127	128	128	129	129	128	127	126	124	123	121	119	120	119	119	118	118	118	119
60	113	114	114	114	114	114	113	112	110	109	107	106	106	105	105	104	104	105	106
65	98.2	99.0	99.3	99.7	99.4	99.2	98.1	97.2	95.7	94.4	92.8	91.7	92.3	91.2	90.8	90.4	90.6	90.7	91.6
70	82.4	83.2	83.3	83.8	83.5	83.4	82.5	81.7	80.4	79.3	77.9	77.0	77.5	76.5	76.2	75.8	76.0	76.0	76.8
75	64.7	65.3	65.4	65.8	65.6	65.7	64.9	64.4	63.3	62.6	61.4	60.7	61.1	60.4	60.2	59.9	60.1	60.0	60.6
80	44.4	44.8	44.6	45.0	44.7	45.0	44.4	44.4	43.6	43.4	42.5	42.3	42.7	42.2	42.3	41.9	42.2	41.9	42.4
85	20.8	20.9	20.4	20.7	20.5	21.0	20.7	21.1	20.8	21.0	20.7	20.9	21.4	21.2	21.5	21.3	21.6	21.2	21.5
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.03	0.00	0.01	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	0.03	0.00	0.03	0.00	0.02	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
115	0.13	0.17	0.13	0.18	0.14	0.17	0.13	0.15	0.11	0.13	0.10	0.13	0.10	0.09	0.10	0.07	0.10	0.08	0.10
120	0.34	0.37	0.35	0.38	0.34	0.38	0.34	0.35	0.31	0.34	0.29	0.31	0.27	0.25	0.27	0.23	0.27	0.25	0.28
125	0.59	0.64	0.62	0.66	0.62	0.64	0.59	0.61	0.59	0.58	0.53	0.55	0.51	0.48	0.50	0.47	0.50	0.48	0.52
130	0.93	0.98	0.95	0.98	0.97	0.98	0.94	0.93	0.89	0.89	0.84	0.86	0.82	0.78	0.80	0.76	0.80	0.78	0.82
135	1.34	1.39	1.36	1.40	1.37	1.37	1.33	1.33	1.27	1.27	1.22	1.22	1.22	1.15	1.15	1.12	1.17	1.14	1.18
140	1.74	1.77	1.77	1.79	1.77	1.77	1.74	1.73	1.68	1.67	1.65	1.62	1.63	1.57	1.57	1.55	1.59	1.59	1.58
145	2.09	2.13	2.13	2.14	2.12	2.11	2.10	2.08	2.05	2.04	2.02	2.02	2.00	1.96	1.99	1.96	1.98	1.96	1.98
150	2.42	2.42	2.44	2.43	2.42	2.41	2.40	2.37	2.35	2.34	2.34	2.32	2.31	2.32	2.34	2.28	2.30	2.29	2.32
155	2.64	2.64	2.64	2.63	2.66	2.64	2.64	2.60	2.58	2.57	2.56	2.57	2.59	2.58	2.58	2.55	2.59	2.57	2.61
160	2.76	2.76	2.76	2.76	2.77	2.77	2.76	2.73	2.71	2.71	2.72	2.73	2.76	2.77	2.75	2.74	2.76	2.76	2.80
165	2.82	2.83	2.82	2.83	2.85	2.85	2.84	2.81	2.80	2.80	2.81	2.81	2.85	2.88	2.85	2.85	2.85	2.85	2.89
170	2.83	2.82	2.82	2.82	2.85	2.87	2.85	2.83	2.83	2.82	2.83	2.85	2.88	2.90	2.90	2.90	2.87	2.88	2.89
175	2.78	2.79	2.80	2.81	2.85	2.83	2.81	2.81	2.80	2.81	2.81	2.81	2.83	2.83	2.87	2.89	2.83	2.83	2.84
180	2.80	2.80	2.81	2.81	2.82	2.80	2.79	2.79	2.80	2.78	2.79	2.79	2.79	2.78	2.81	2.81	2.81	2.80	2.78

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:0.4915A P:58.91W PF:0.9952 Lamp Flux:4395.13x1 lm		
NAME: ADL 60W ADR9.5WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 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	8957	8963	8962	8964	8958														
5	8323	8209	8020	7950	7823														
10	6377	6249	6045	5907	5771														
15	4854	4809	4661	4552	4448														
20	3787	3753	3636	3591	3458														
25	2894	2833	2752	2723	2629														
30	2134	2093	1991	1949	1874														
35	1134	1095	1029	1008	955														
40	287	288	283	287	278														
45	193	197	191	192	189														
50	135	137	138	140	141														
55	120	122	123	125	126														
60	106	108	109	110	111														
65	92.2	93.4	94.3	95.7	96.6														
70	77.3	78.3	79.1	80.4	81.2														
75	60.9	61.8	62.3	63.4	63.9														
80	42.4	43.1	43.2	44.0	44.1														
85	21.1	21.4	21.1	21.4	21.0														
90	0.03	0.00	0.01	0.00	0.01														
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	0.08	0.12	0.09	0.13	0.10														
120	0.25	0.30	0.28	0.32	0.30														
125	0.50	0.53	0.53	0.57	0.56														
130	0.80	0.83	0.84	0.89	0.89														
135	1.20	1.21	1.25	1.28	1.29														
140	1.63	1.65	1.66	1.72	1.70														
145	2.00	2.04	2.08	2.09	2.08														
150	2.33	2.39	2.41	2.39	2.41														
155	2.60	2.63	2.64	2.63	2.64														
160	2.80	2.78	2.80	2.80	2.79														
165	2.92	2.90	2.87	2.85	2.85														
170	2.92	2.90	2.87	2.87	2.84														
175	2.85	2.87	2.88	2.84	2.81														
180	2.79	2.78	2.80	2.79	2.80														

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: