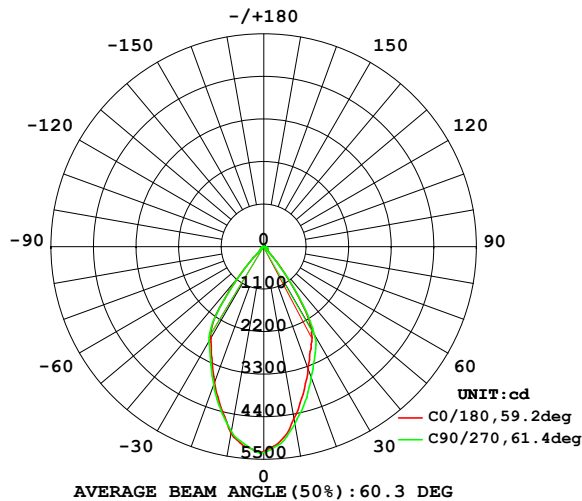


LUMINAIRE PHOTOMETRIC TEST REPORT

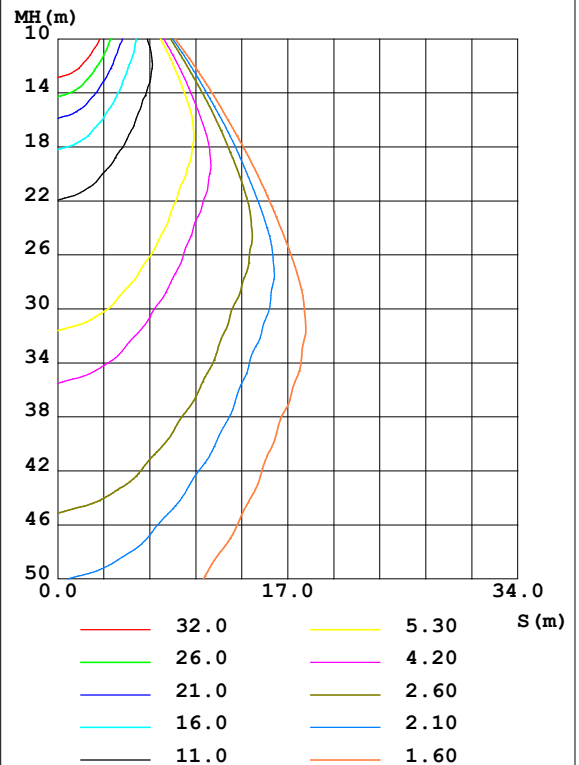
Test:U:120.4V I:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 78.12 lm/W
MODEL		I _{max} (cd)	5352	S/MH (C0/180)		0.85
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH (C90/270)		0.87
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	4598.4	η UP,DN(C0-180)		0.1,47.9
NOMINAL FLUX(lm)	4598.41	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.1,51.9
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM		0.75
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX		0.95

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	4518	4552	4657	4798	4901	4928	4854	4676	0- 10	477.1	477.1	10.4
20	3352	3468	3583	3666	3725	3842	3793	3510	10- 20	1168	1645	35.8
30	2482	2529	2602	2758	2744	2833	2840	2610	20- 30	1436	3081	67
40	528.2	454.3	531.0	758.5	968.2	1058	942.9	711.0	30- 40	1104	4185	91
50	107.1	107.2	108.1	108.8	109.7	108.6	107.7	106.6	40- 50	181.9	4367	95
60	85.14	85.04	86.16	87.31	88.38	87.45	86.50	85.14	50- 60	87.05	4454	96.9
70	59.27	59.08	60.39	62.20	63.59	63.41	62.26	60.26	60- 70	73.47	4528	98.5
80	28.33	27.91	29.57	32.44	34.50	34.80	33.35	30.30	70- 80	49.34	4577	99.5
90	0	0	0	0	1.011	1.562	0.0317	0	80- 90	16.05	4593	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0184	4593	99.9
110	0.0951	0.1150	0.0825	0.0575	0.0066	0	0.0005	0.0063	100-110	0.0057	4593	99.9
120	0.4971	0.5620	0.4847	0.4405	0.3711	0.3187	0.3961	0.4208	110-120	0.2160	4593	99.9
130	1.104	1.162	1.084	1.009	0.9325	0.8870	0.9640	1.021	120-130	0.6323	4594	99.9
140	1.811	1.833	1.749	1.692	1.621	1.608	1.635	1.755	130-140	1.050	4595	99.9
150	2.400	2.393	2.329	2.272	2.266	2.227	2.260	2.367	140-150	1.262	4596	100
160	2.738	2.744	2.725	2.649	2.674	2.661	2.674	2.744	150-160	1.162	4597	100
170	3.070	3.064	3.069	3.013	3.025	2.987	3.006	3.057	160-170	0.8084	4598	100
180	3.191	3.191	3.172	3.166	3.191	3.217	3.166	3.178	170-180	0.2965	4598	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

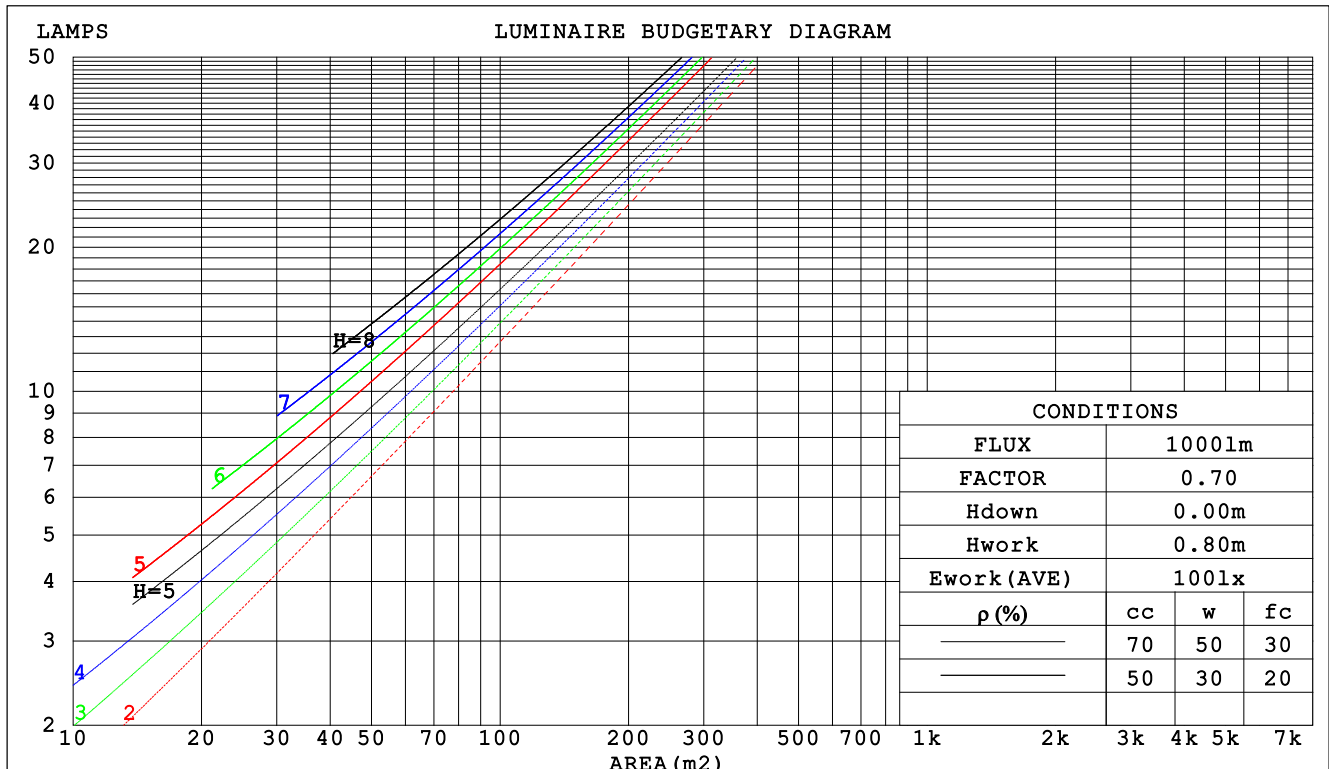
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	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	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.89	.85	.93	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.80	.79
4.0	.88	.82	.78	.87	.82	.77	.85	.80	.76	.83	.79	.76	.81	.77	.75	.73
5.0	.82	.76	.72	.81	.76	.71	.79	.75	.71	.78	.73	.70	.76	.72	.69	.68
6.0	.77	.71	.66	.76	.70	.66	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.72	.66	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
8.0	.68	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
9.0	.64	.58	.54	.64	.58	.54	.63	.57	.54	.62	.57	.53	.61	.57	.53	.52
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.50	.59	.54	.50	.58	.53	.50	.49



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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	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	.182	.100	.031	.176	.097	.030	.166	.092	.029	.156	.087	.027	.146	.083	.026		
3.0	.172	.092	.027	.167	.090	.027	.158	.086	.026	.150	.082	.025	.142	.078	.024		
4.0	.163	.085	.025	.159	.083	.025	.151	.080	.024	.144	.077	.023	.137	.074	.023		
5.0	.155	.079	.023	.151	.078	.023	.144	.075	.022	.138	.073	.022	.132	.070	.021		
6.0	.147	.074	.021	.144	.073	.021	.138	.071	.021	.132	.069	.020	.127	.067	.020		
7.0	.140	.069	.020	.137	.068	.020	.132	.067	.019	.127	.065	.019	.122	.063	.019		
8.0	.134	.065	.018	.131	.065	.018	.126	.063	.018	.122	.062	.018	.118	.060	.018		
9.0	.128	.062	.017	.126	.061	.017	.121	.060	.017	.117	.059	.017	.113	.058	.017		
10.0	.123	.059	.016	.121	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016		

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	.159	.133	.112	.136	.115	.097	.093	.079	.068	.054	.046	.040	.017	.015	.013	
3.0	.147	.115	.089	.126	.099	.077	.086	.069	.054	.050	.040	.032	.016	.013	.010	
4.0	.137	.100	.072	.117	.086	.063	.081	.060	.044	.047	.035	.026	.015	.011	.009	
5.0	.128	.089	.059	.110	.077	.052	.076	.053	.036	.044	.031	.022	.014	.010	.007	
6.0	.121	.079	.050	.104	.069	.043	.072	.048	.031	.042	.028	.018	.013	.009	.006	
7.0	.114	.072	.042	.098	.062	.037	.068	.044	.026	.039	.026	.015	.013	.008	.005	
8.0	.109	.066	.036	.093	.057	.032	.065	.040	.022	.038	.024	.013	.012	.008	.004	
9.0	.103	.061	.032	.089	.053	.028	.062	.037	.020	.036	.022	.012	.012	.007	.004	
10.0	.099	.056	.028	.085	.049	.024	.059	.034	.017	.034	.020	.010	.011	.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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm										
NAME: ADL 60W ADR9.5WH 60°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W ADR9.5WH 60°					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	9.7	10.7	10.0	10.9	11.1	10.0	11.0	10.2	11.1	11.3
3H	10.0	10.9	10.3	11.1	11.4	10.2	11.2	10.5	11.4	11.6
4H	10.2	11.1	10.5	11.3	11.5	10.4	11.3	10.7	11.5	11.8
6H	10.4	11.2	10.7	11.5	11.7	10.6	11.4	10.9	11.7	11.9
8H	10.4	11.2	10.8	11.5	11.8	10.7	11.4	11.0	11.7	12.0
12H	10.5	11.2	10.8	11.5	11.8	10.7	11.4	11.0	11.7	12.0
4H 2H	9.7	10.5	10.0	10.8	11.0	9.9	10.8	10.2	11.0	11.2
3H	10.1	10.9	10.5	11.2	11.4	10.3	11.1	10.7	11.4	11.6
4H	10.5	11.1	10.8	11.4	11.8	10.6	11.3	11.0	11.6	11.9
6H	10.8	11.4	11.1	11.7	12.0	10.9	11.5	11.3	11.9	12.2
8H	10.9	11.4	11.3	11.8	12.1	11.1	11.6	11.5	12.0	12.3
12H	10.9	11.4	11.3	11.8	12.2	11.1	11.6	11.5	12.0	12.4
8H 4H	10.5	11.1	10.9	11.4	11.8	10.7	11.3	11.1	11.6	12.0
6H	10.9	11.4	11.4	11.8	12.2	11.1	11.6	11.5	12.0	12.4
8H	11.1	11.5	11.6	11.9	12.4	11.3	11.7	11.7	12.1	12.6
12H	11.2	11.5	11.7	12.0	12.5	11.4	11.8	11.9	12.2	12.7
12H 4H	10.5	11.0	10.9	11.4	11.8	10.7	11.2	11.1	11.6	12.0
6H	11.0	11.4	11.4	11.8	12.2	11.1	11.5	11.6	12.0	12.4
8H	11.1	11.5	11.6	11.9	12.4	11.3	11.7	11.8	12.1	12.6
Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 1.6					+ 2.5 / - 1.6				
1.5H	+ 4.4 / - 1.6					+ 4.5 / - 1.5				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 4598 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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	79	76	85	79	75	72
0.80	93	87	83	93	87	83	92	86	83	79
1.00	98	92	88	97	92	88	95	92	87	83
1.25	102	97	93	101	96	92	99	95	92	87
1.50	105	100	96	104	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	105	109	106	103	106	103	101	95
4.00	113	110	108	111	109	107	108	105	104	97
5.00	115	112	110	112	110	109	108	107	105	98
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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

4319.4 lm

%lum = 93.9%

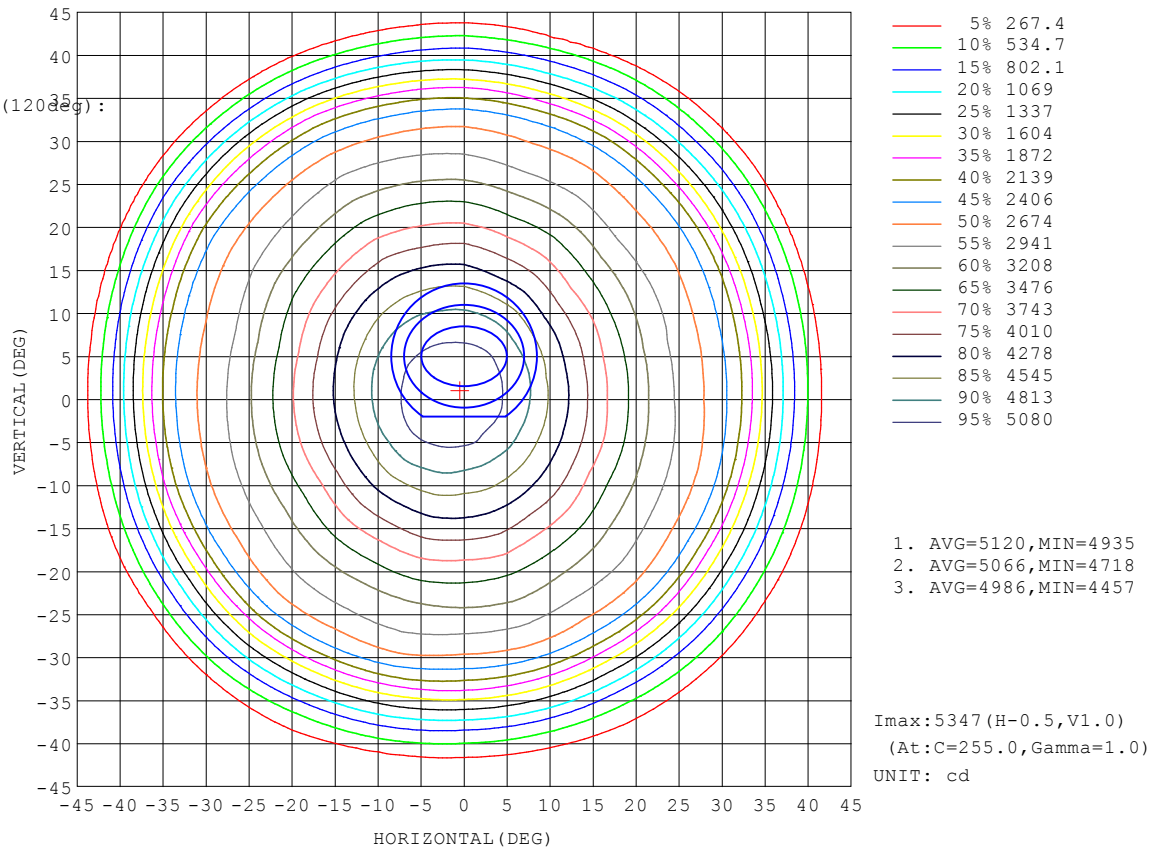
%lamp = 93.9%

Conical surface Flux(120deg):

4454.1 lm

%lum = 96.9%

%lamp = 96.9%

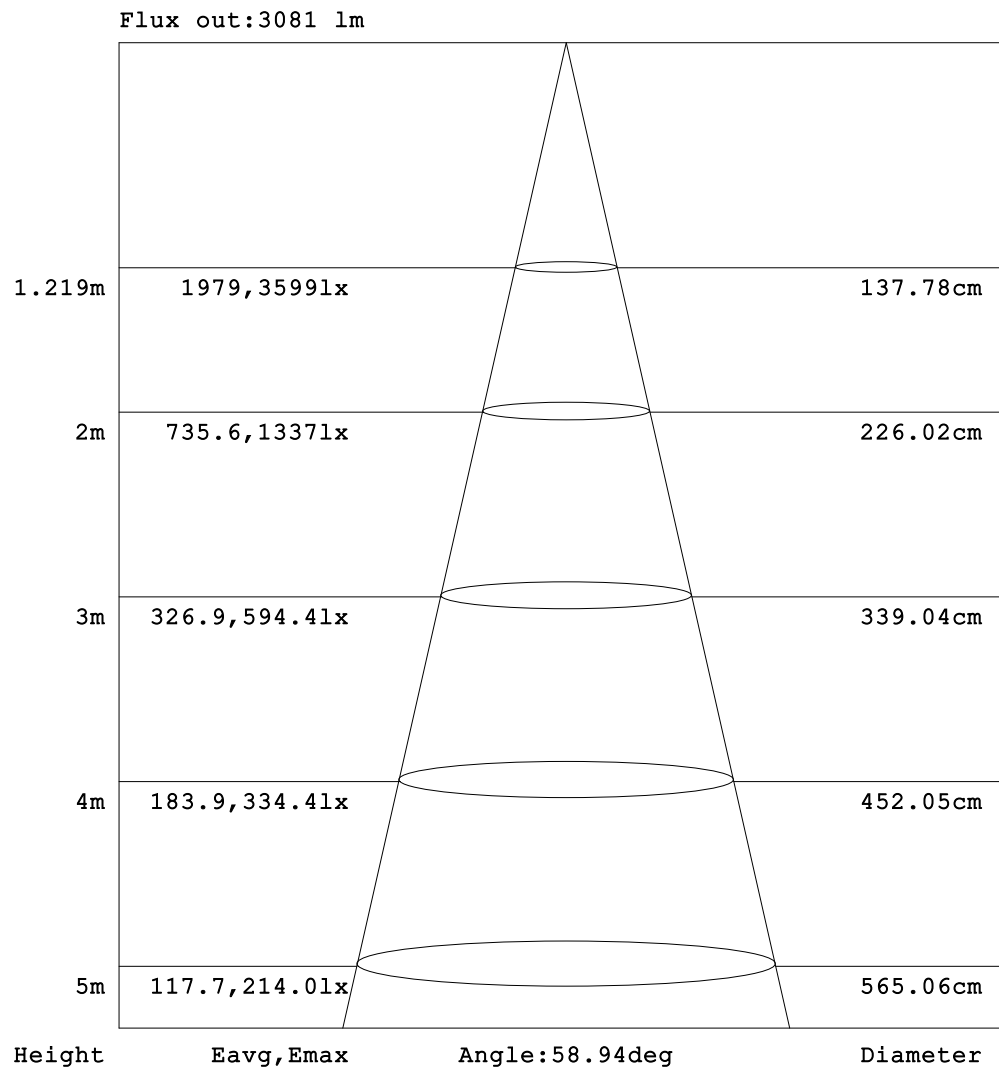


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



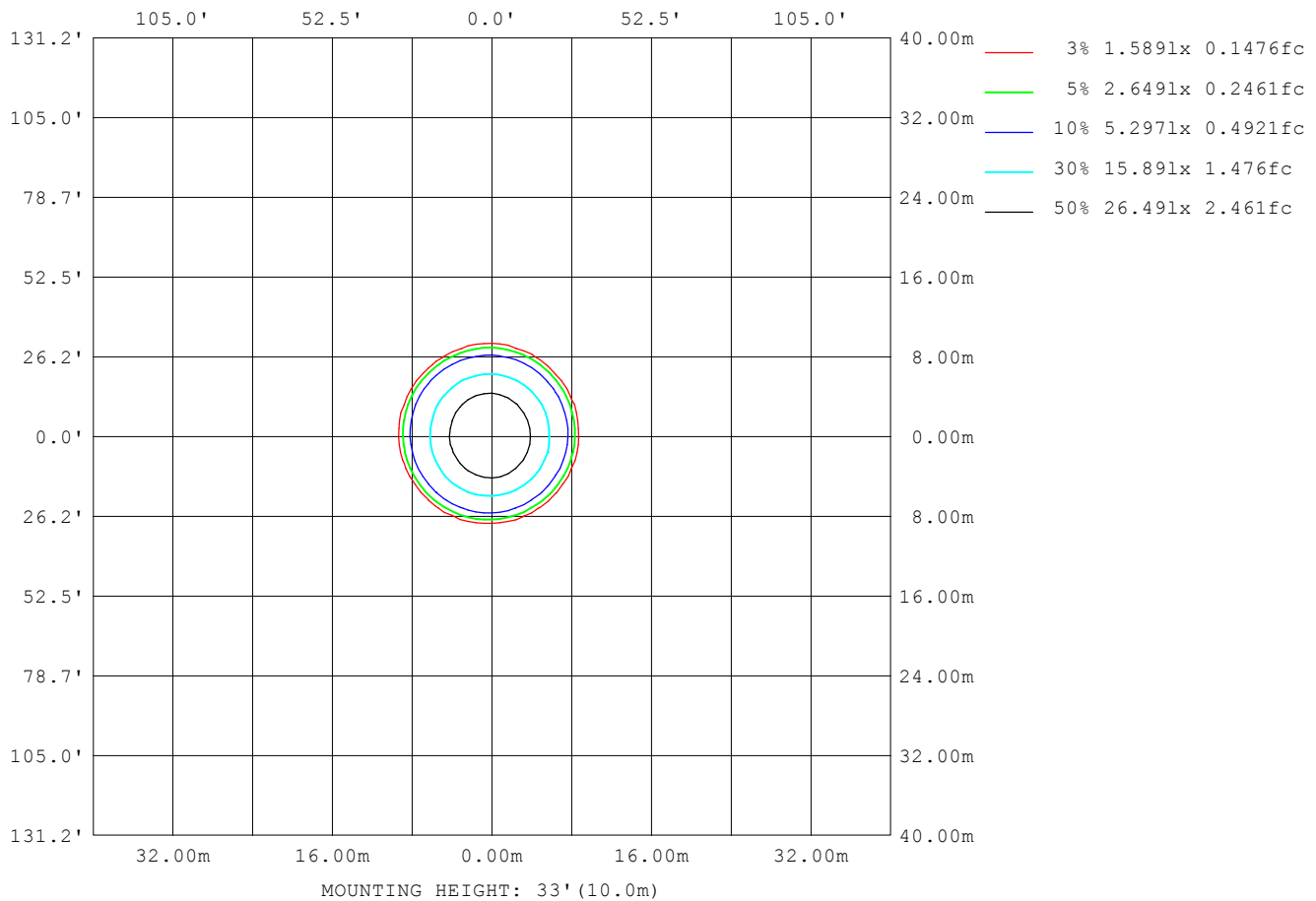
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

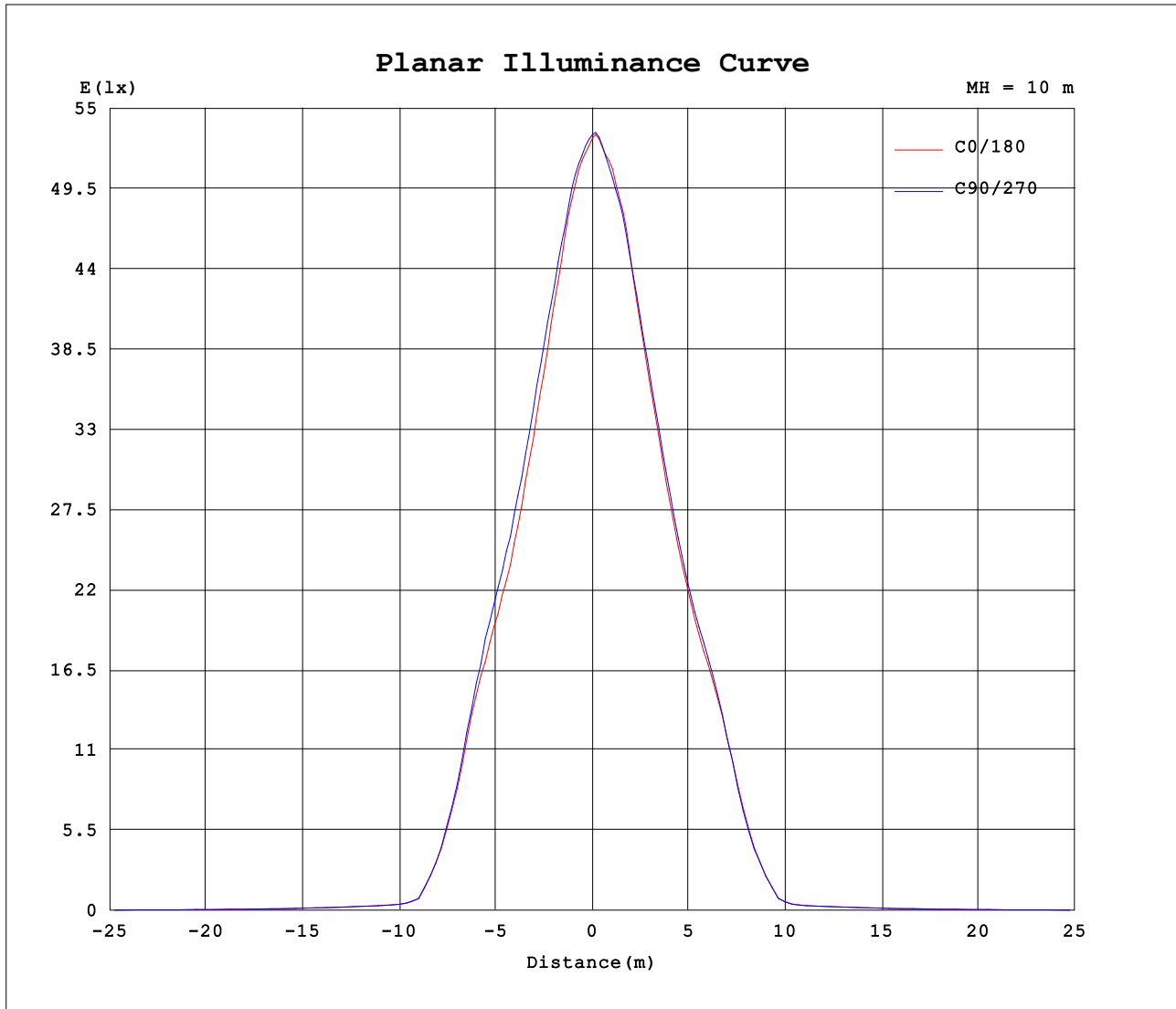
Test:U:120.4V I:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	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	5297	5306	5301	5307	5305	5319	5320	5326	5327	5320	5326	5315	5297	5306	5301	5307	5305	5319	5320
5	5039	5042	5042	5038	5051	5090	5107	5127	5149	5177	5191	5201	5204	5194	5169	5166	5168	5162	5160
10	4518	4511	4524	4552	4582	4632	4657	4702	4740	4798	4818	4864	4901	4919	4938	4928	4924	4881	4854
15	3951	3948	3974	4029	4052	4123	4150	4176	4198	4225	4234	4260	4300	4331	4380	4400	4414	4371	4343
20	3352	3398	3395	3468	3515	3588	3583	3652	3628	3666	3646	3700	3725	3737	3810	3842	3872	3834	3793
25	2908	2942	2964	3003	3040	3125	3126	3172	3158	3163	3155	3174	3183	3191	3272	3294	3336	3295	3260
30	2482	2506	2482	2529	2517	2578	2602	2750	2706	2758	2726	2746	2744	2759	2821	2833	2893	2853	2840
35	1522	1465	1420	1433	1439	1525	1576	1669	1769	1876	1954	2088	2149	2198	2296	2258	2276	2192	2144
40	528	496	455	454	452	489	531	608	663	759	807	905	968	1034	1083	1058	1042	978	943
45	122	121	121	122	121	123	124	128	132	142	149	161	172	191	186	181	181	184	166
50	107	107	107	107	107	108	108	109	109	109	109	109	110	109	109	109	108	108	108
55	96.3	96.2	96.1	96.4	96.5	97.1	97.3	97.8	98.0	98.3	98.1	98.1	99.2	98.7	98.7	98.2	98.0	97.5	97.3
60	85.1	85.0	84.8	85.0	85.2	85.8	86.2	86.7	86.9	87.3	87.2	87.3	88.4	87.9	87.9	87.4	87.3	86.8	86.5
65	72.8	72.7	72.4	72.7	72.8	73.5	73.9	74.6	74.9	75.4	75.4	75.5	76.5	76.3	76.4	76.0	75.8	75.3	74.9
70	59.3	59.1	58.8	59.1	59.2	59.9	60.4	61.1	61.5	62.2	62.3	62.7	63.6	63.6	63.7	63.4	63.2	62.6	62.3
75	44.5	44.3	43.9	44.2	44.4	45.2	45.6	46.7	47.2	48.0	48.2	48.7	49.6	49.7	50.0	49.7	49.5	48.8	48.4
80	28.3	28.1	27.6	27.9	28.1	29.0	29.6	30.7	31.4	32.4	32.8	33.6	34.5	34.7	35.1	34.8	34.6	33.8	33.3
85	11.1	10.8	10.3	10.6	10.8	11.9	12.5	13.7	14.5	15.7	16.3	17.2	18.0	18.3	18.8	18.5	18.4	17.5	16.9
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.29	1.01	1.30	1.85	1.56	1.42	0.49	0.03
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	0.10	0.11	0.09	0.11	0.10	0.12	0.08	0.09	0.03	0.06	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00
115	0.26	0.29	0.28	0.31	0.29	0.30	0.25	0.27	0.21	0.23	0.18	0.20	0.17	0.11	0.15	0.11	0.17	0.14	0.18
120	0.50	0.53	0.52	0.56	0.53	0.55	0.48	0.50	0.42	0.44	0.39	0.41	0.37	0.31	0.36	0.32	0.37	0.35	0.40
125	0.77	0.82	0.80	0.84	0.81	0.82	0.77	0.77	0.69	0.71	0.64	0.65	0.64	0.57	0.61	0.57	0.63	0.61	0.66
130	1.10	1.16	1.12	1.16	1.15	1.15	1.08	1.09	1.01	1.01	0.96	0.96	0.93	0.89	0.90	0.89	0.93	0.90	0.96
135	1.45	1.49	1.48	1.50	1.49	1.48	1.43	1.42	1.35	1.35	1.30	1.30	1.28	1.24	1.24	1.23	1.28	1.26	1.30
140	1.81	1.83	1.82	1.83	1.83	1.81	1.75	1.74	1.69	1.69	1.65	1.65	1.62	1.59	1.58	1.61	1.64	1.64	1.63
145	2.12	2.12	2.12	2.13	2.14	2.11	2.05	2.05	1.98	2.00	1.96	1.97	1.98	1.91	1.94	1.94	1.96	1.97	1.97
150	2.40	2.39	2.39	2.39	2.40	2.37	2.33	2.30	2.28	2.27	2.25	2.23	2.27	2.21	2.25	2.23	2.24	2.24	2.26
155	2.58	2.59	2.58	2.59	2.62	2.59	2.55	2.52	2.48	2.49	2.48	2.48	2.53	2.49	2.48	2.48	2.48	2.48	2.50
160	2.74	2.74	2.74	2.74	2.76	2.74	2.73	2.69	2.65	2.65	2.67	2.66	2.67	2.68	2.63	2.66	2.67	2.67	2.67
165	2.93	2.92	2.92	2.92	2.94	2.94	2.92	2.87	2.84	2.84	2.84	2.83	2.87	2.83	2.80	2.82	2.81	2.84	2.85
170	3.07	3.05	3.06	3.06	3.11	3.10	3.07	3.03	3.01	3.01	3.01	2.98	3.03	2.99	3.00	2.99	2.99	2.99	3.01
175	3.17	3.17	3.18	3.19	3.22	3.20	3.17	3.14	3.13	3.13	3.13	3.11	3.15	3.13	3.15	3.15	3.13	3.12	3.13
180	3.19	3.18	3.20	3.19	3.20	3.20	3.17	3.17	3.16	3.17	3.18	3.18	3.19	3.19	3.19	3.22	3.20	3.19	3.17

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:0.4912A P:58.87W PF:0.9953 Lamp Flux:4598.41x1 lm		
NAME: ADL 60W ADR9.5WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR9.5WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	5326	5327	5320	5326	5315														
5	5141	5132	5100	5079	5054														
10	4807	4760	4676	4601	4527														
15	4246	4193	4076	4016	3962														
20	3693	3624	3510	3442	3387														
25	3151	3105	2989	2969	2923														
30	2741	2698	2610	2565	2487														
35	2026	1947	1785	1675	1577														
40	865	809	711	653	578														
45	151	142	130	126	123														
50	107	107	107	107	107														
55	96.7	96.6	96.1	96.2	95.9														
60	85.9	85.7	85.1	85.2	84.9														
65	74.3	74.0	73.3	73.2	72.8														
70	61.5	61.1	60.3	60.0	59.5														
75	47.5	47.0	46.0	45.6	44.9														
80	32.2	31.5	30.3	29.8	28.9														
85	15.6	14.7	13.4	12.8	11.8														
90	0.03	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	0.00	0.00	0.00	0.00														
110	0.00	0.03	0.01	0.05	0.03														
115	0.15	0.19	0.19	0.22	0.22														
120	0.38	0.41	0.42	0.46	0.46														
125	0.64	0.67	0.70	0.73	0.73														
130	0.95	1.01	1.02	1.07	1.06														
135	1.30	1.36	1.40	1.44	1.42														
140	1.65	1.70	1.75	1.79	1.76														
145	1.98	2.03	2.08	2.07	2.09														
150	2.29	2.30	2.37	2.35	2.37														
155	2.52	2.52	2.57	2.58	2.58														
160	2.67	2.70	2.74	2.75	2.76														
165	2.84	2.87	2.92	2.90	2.94														
170	3.01	3.01	3.06	3.04	3.04														
175	3.13	3.12	3.17	3.16	3.13														
180	3.17	3.17	3.18	3.18	3.16														

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: