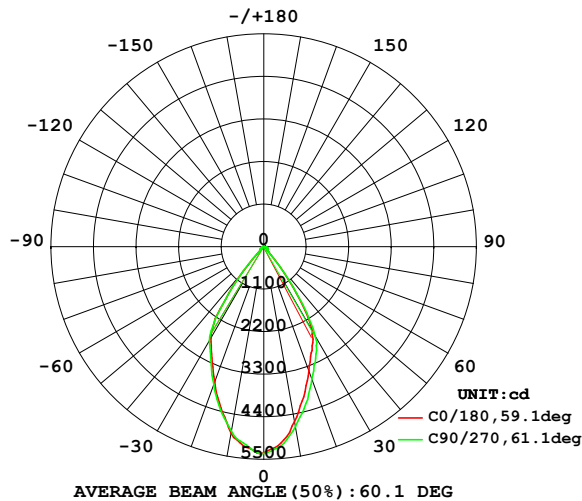


LUMINAIRE PHOTOMETRIC TEST REPORT

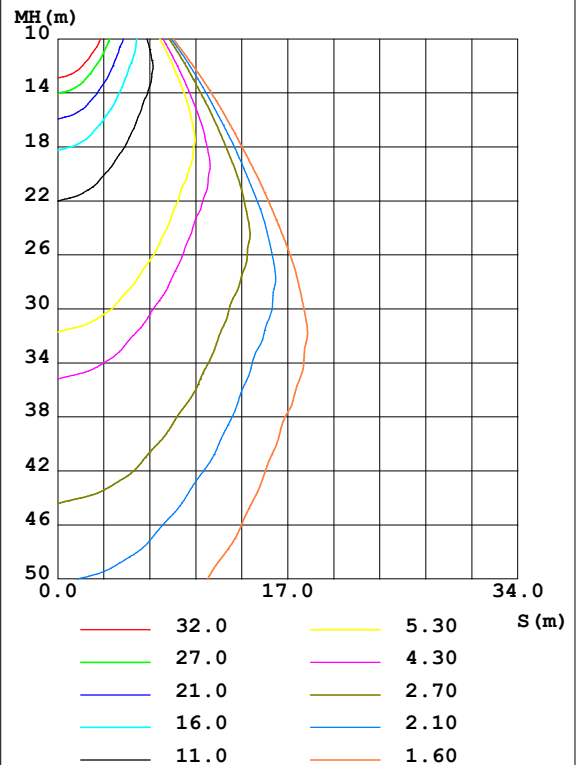
Test:U:120.4V I:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.75 lm/W			
MODEL		I _{max} (cd)	5368	S/MH (C0/180)	0.84
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	0.86
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	4562.3	η UP, DN (C0-180)	0.1, 48.5
NOMINAL FLUX (lm)	4562.31	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 51.4
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	4587	4630	4723	4838	4902	4909	4844	4709	0- 10	480.4	480.4	10.5
20	3414	3539	3644	3690	3720	3826	3788	3535	10- 20	1177	1657	36.3
30	2518	2583	2645	2778	2736	2811	2824	2635	20- 30	1445	3102	68
40	472.2	412.1	456.0	657.0	854.6	906.2	825.3	633.7	30- 40	1055	4157	91.1
50	117.2	118.4	118.6	117.5	115.7	114.4	115.1	116.1	40- 50	159.5	4316	94.6
60	92.34	93.15	93.70	92.93	91.47	90.54	90.92	91.59	50- 60	93.33	4410	96.7
70	64.74	65.44	66.17	66.19	65.42	64.93	64.93	64.80	60- 70	78.26	4488	98.4
80	31.47	31.77	32.68	33.72	34.30	34.19	33.68	32.38	70- 80	52.47	4540	99.5
90	0	0	0	0	0.0063	0.0992	0	0.0013	80- 90	16.55	4557	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0013	4557	99.9
110	0.0699	0.0894	0.0571	0.0516	0.0064	0	0.0069	0	100-110	0.0040	4557	99.9
120	0.4850	0.5108	0.4717	0.4278	0.3772	0.3187	0.3960	0.3889	110-120	0.2074	4557	99.9
130	1.072	1.118	1.052	0.9964	0.9456	0.9126	0.9640	0.9956	120-130	0.6202	4558	99.9
140	1.786	1.813	1.748	1.679	1.654	1.608	1.692	1.761	130-140	1.047	4559	99.9
150	2.373	2.374	2.335	2.260	2.273	2.234	2.260	2.361	140-150	1.265	4560	100
160	2.744	2.719	2.719	2.661	2.706	2.629	2.712	2.738	150-160	1.163	4561	100
170	3.025	3.038	3.044	2.981	2.994	2.968	3.000	3.031	160-170	0.8068	4562	100
180	3.198	3.198	3.172	3.172	3.191	3.198	3.166	3.178	170-180	0.2948	4562	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

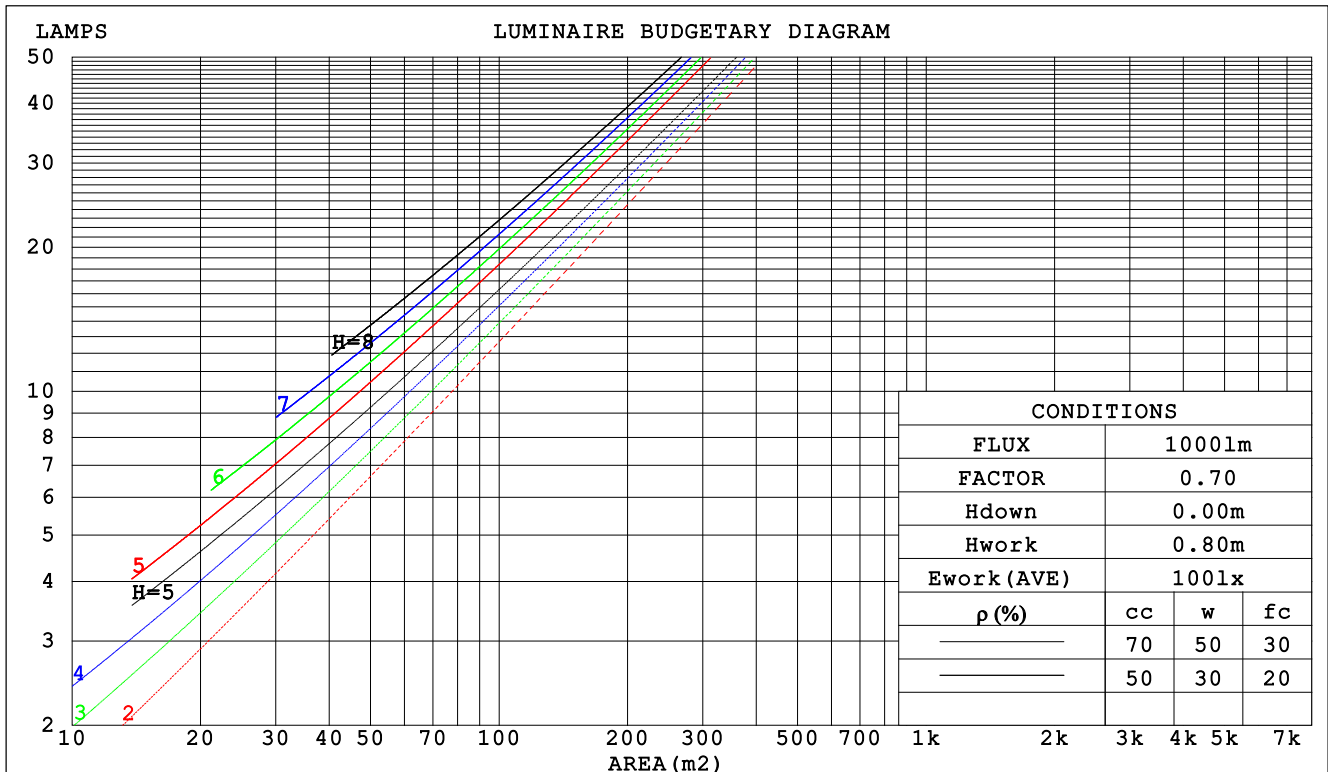
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	.91	.86	.83	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.82	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.82	.76	.72	.81	.76	.72	.80	.75	.71	.78	.74	.70	.76	.73	.70	.68
6.0	.77	.71	.67	.76	.71	.66	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.73	.66	.62	.72	.66	.62	.71	.65	.61	.69	.65	.61	.68	.64	.61	.59
8.0	.68	.62	.58	.68	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.56
9.0	.64	.58	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.52
10.0	.61	.55	.51	.60	.55	.51	.60	.54	.51	.59	.54	.51	.58	.54	.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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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 .034	.172 .099 .032	.160 .093 .030	.150 .087 .028	
2.0	.182 .100 .031	.176 .097 .030	.165 .092 .029	.156 .087 .027	.146 .083 .026	
3.0	.172 .092 .027	.167 .090 .027	.158 .086 .026	.149 .082 .025	.141 .078 .024	
4.0	.163 .085 .025	.159 .083 .025	.151 .080 .024	.143 .077 .023	.136 .074 .023	
5.0	.154 .079 .023	.151 .077 .023	.144 .075 .022	.137 .072 .022	.131 .070 .021	
6.0	.147 .074 .021	.143 .072 .021	.137 .070 .020	.132 .068 .020	.126 .066 .020	
7.0	.140 .069 .020	.137 .068 .019	.131 .066 .019	.126 .065 .019	.122 .063 .019	
8.0	.133 .065 .018	.131 .064 .018	.126 .063 .018	.121 .061 .018	.117 .060 .018	
9.0	.127 .062 .017	.125 .061 .017	.121 .060 .017	.117 .058 .017	.113 .057 .017	
10.0	.122 .059 .016	.120 .058 .016	.116 .057 .016	.112 .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	.136 .100 .072	.117 .086 .063	.081 .060 .044	.047 .035 .026	.015 .011 .009	
5.0	.128 .088 .059	.110 .077 .052	.076 .053 .036	.044 .031 .022	.014 .010 .007	
6.0	.121 .079 .050	.104 .069 .043	.071 .048 .031	.041 .028 .018	.013 .009 .006	
7.0	.114 .072 .042	.098 .062 .037	.068 .044 .026	.039 .026 .016	.013 .008 .005	
8.0	.108 .066 .036	.093 .057 .032	.065 .040 .022	.038 .024 .013	.012 .008 .004	
9.0	.103 .060 .032	.089 .052 .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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm										
NAME: ADL 60W ADR8WH 60°					TYPE:LED			WEIGHT:		
SPEC.:ADL 60W ADR8WH 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	9.8	10.8	10.0	11.0	11.1	10.0	11.0	10.3	11.2	11.4
3H	10.2	11.1	10.4	11.3	11.5	10.4	11.3	10.7	11.5	11.7
4H	10.4	11.3	10.7	11.5	11.7	10.6	11.5	10.9	11.7	11.9
6H	10.6	11.4	10.9	11.7	11.9	10.8	11.7	11.1	11.9	12.2
8H	10.7	11.5	11.0	11.7	12.0	10.9	11.7	11.2	12.0	12.2
12H	10.7	11.5	11.1	11.8	12.0	11.0	11.7	11.3	12.0	12.3
4H 2H	9.8	10.6	10.1	10.9	11.1	10.0	10.9	10.3	11.1	11.3
3H	10.4	11.1	10.7	11.4	11.7	10.5	11.3	10.9	11.6	11.9
4H	10.7	11.4	11.1	11.7	12.0	10.9	11.6	11.3	11.9	12.2
6H	11.1	11.7	11.5	12.0	12.4	11.3	11.9	11.7	12.2	12.6
8H	11.2	11.8	11.6	12.1	12.5	11.4	12.0	11.8	12.3	12.7
12H	11.3	11.8	11.7	12.2	12.6	11.5	12.0	11.9	12.4	12.8
8H 4H	10.8	11.4	11.2	11.8	12.1	11.0	11.6	11.4	11.9	12.3
6H	11.3	11.8	11.7	12.2	12.6	11.5	12.0	11.9	12.4	12.8
8H	11.5	11.9	12.0	12.3	12.8	11.7	12.1	12.2	12.5	13.0
12H	11.7	12.0	12.1	12.4	12.9	11.8	12.2	12.3	12.6	13.1
12H 4H	10.8	11.3	11.2	11.7	12.1	11.0	11.5	11.4	11.9	12.3
6H	11.3	11.7	11.8	12.2	12.6	11.5	11.9	12.0	12.3	12.8
8H	11.6	11.9	12.0	12.4	12.8	11.7	12.1	12.2	12.5	13.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.9 / - 1.3					+ 2.0 / - 1.3				
1.5H	+ 3.8 / - 1.3					+ 3.9 / - 1.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 4562 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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	94	87	84	93	87	83	92	86	83	79
1.00	98	92	88	97	92	88	95	92	87	83
1.25	102	96	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	107	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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

4266.1 lm

%lum = 93.5%

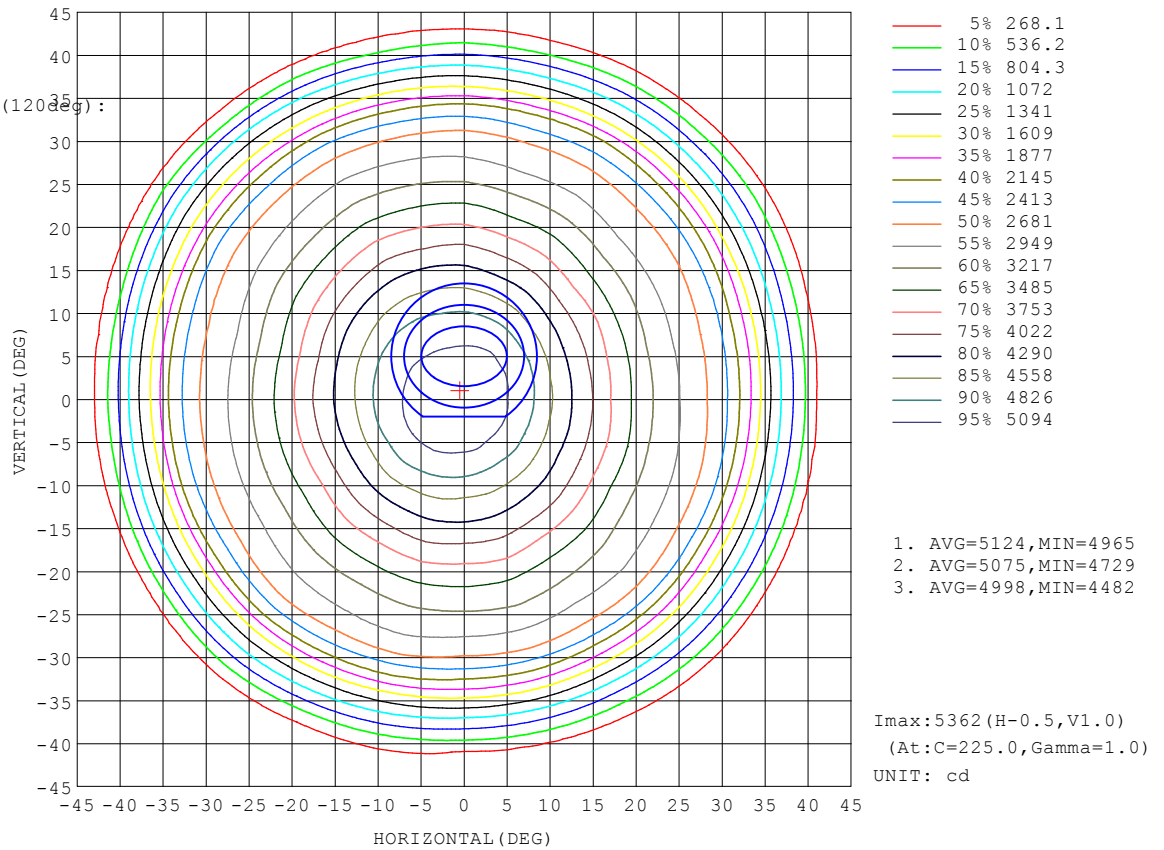
%lamp = 93.5%

Conical surface Flux(120deg):

4409.6 lm

%lum = 96.7%

%lamp = 96.7%

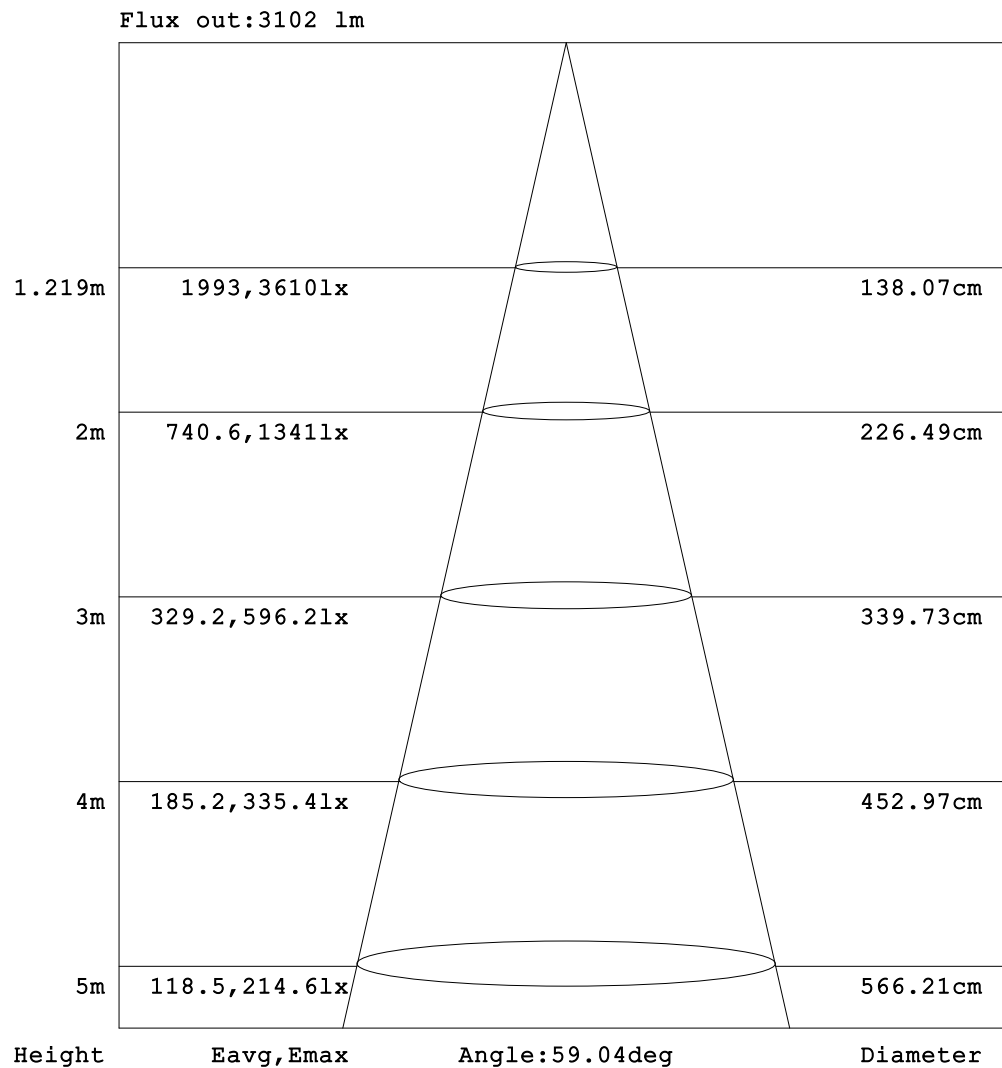


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-06-01

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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



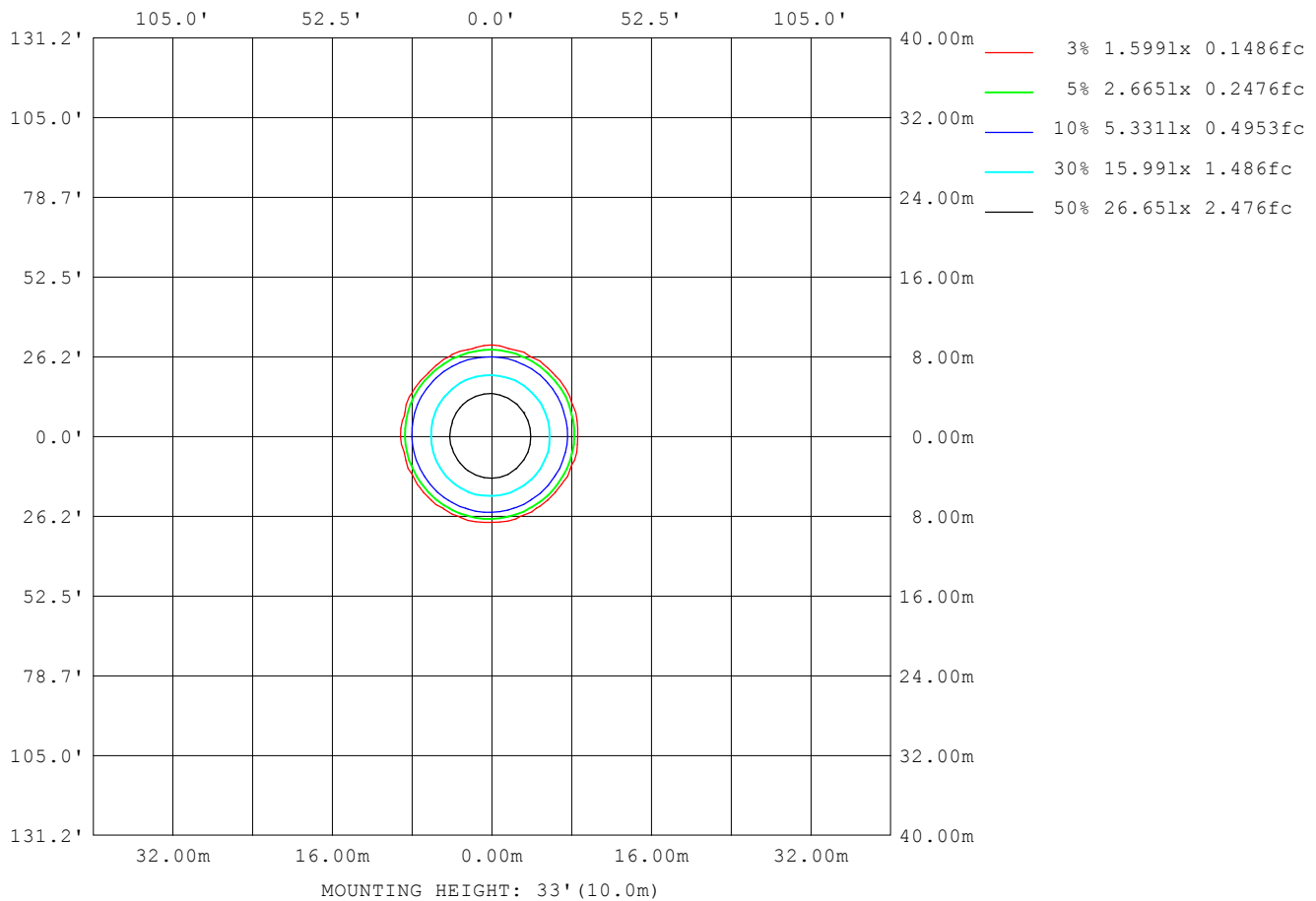
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

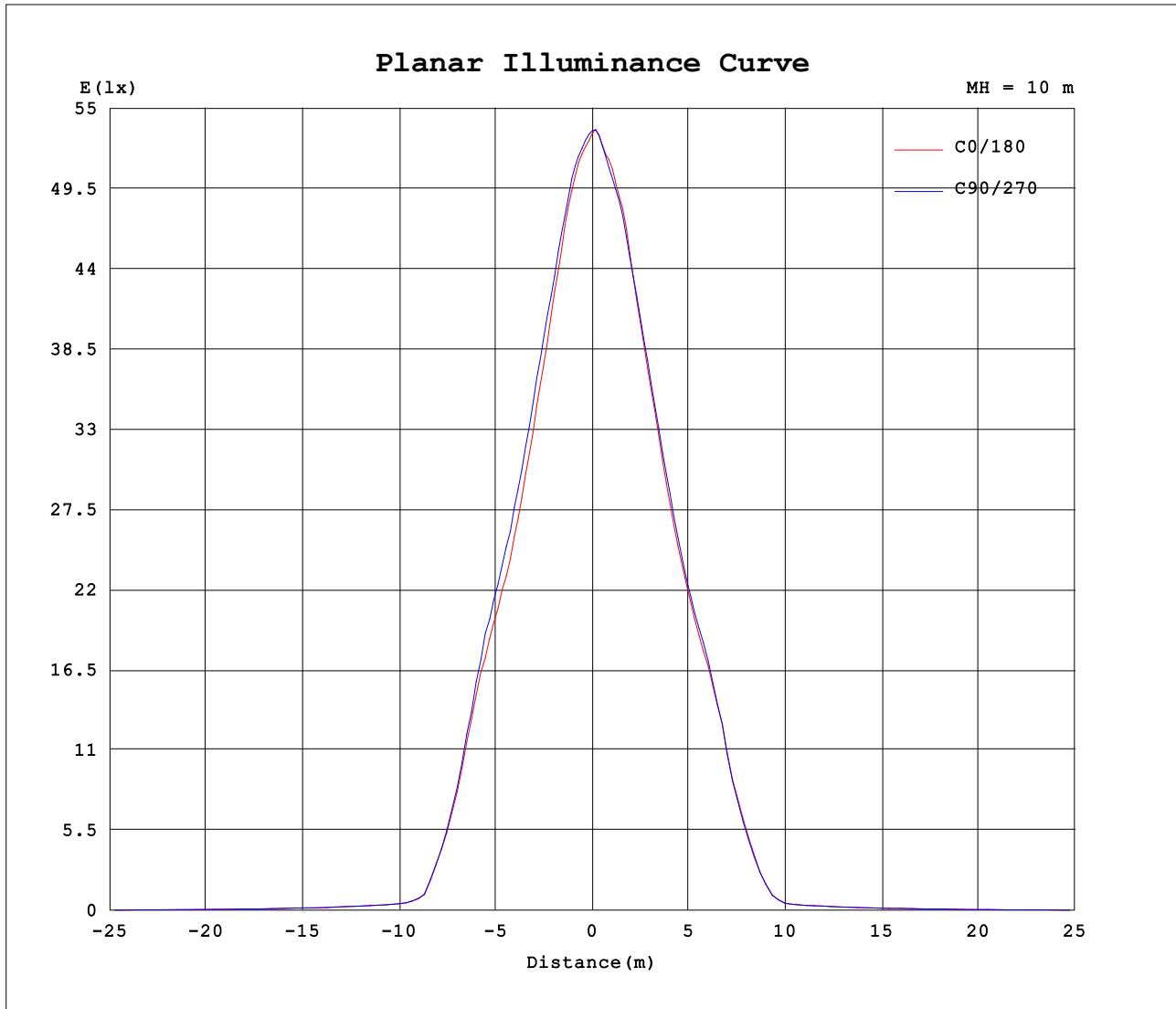
Test:U:120.4V I:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	5331	5336	5336	5340	5343	5344	5349	5349	5355	5348	5349	5340	5331	5336	5336	5340	5343	5344	5349
5	5100	5110	5118	5121	5128	5158	5168	5181	5197	5209	5212	5207	5207	5172	5153	5143	5151	5151	5152
10	4587	4580	4603	4630	4653	4699	4723	4763	4792	4838	4839	4872	4902	4906	4919	4909	4910	4858	4844
15	4016	4025	4048	4095	4130	4184	4206	4236	4239	4253	4247	4274	4310	4328	4377	4397	4411	4379	4348
20	3414	3461	3459	3539	3578	3655	3644	3702	3669	3690	3657	3692	3720	3726	3796	3826	3859	3819	3788
25	2958	2996	3022	3066	3100	3192	3184	3204	3179	3176	3159	3174	3181	3177	3254	3267	3309	3276	3248
30	2518	2535	2521	2583	2565	2652	2645	2771	2728	2778	2723	2739	2736	2746	2806	2811	2864	2832	2824
35	1482	1447	1413	1429	1435	1503	1535	1609	1695	1745	1788	1905	1969	2000	2079	2031	2056	1974	1952
40	472	445	406	412	397	435	456	525	565	657	697	787	855	906	943	906	894	843	825
45	133	134	134	135	134	135	135	135	136	137	136	137	145	171	151	142	147	143	141
50	117	118	118	118	118	119	119	119	118	117	117	116	116	115	115	114	115	114	115
55	105	105	105	106	106	106	106	106	106	105	104	104	103	103	103	102	102	102	103
60	92.3	92.6	92.7	93.2	93.3	93.7	93.7	93.8	93.3	92.9	92.2	91.8	91.5	91.0	90.9	90.5	90.6	90.5	90.9
65	79.0	79.3	79.3	79.8	79.9	80.4	80.4	80.7	80.3	80.1	79.4	79.2	79.0	78.6	78.5	78.2	78.3	78.1	78.4
70	64.7	65.0	65.0	65.4	65.6	66.1	66.2	66.5	66.3	66.2	65.7	65.5	65.4	65.1	65.2	64.9	65.0	64.7	64.9
75	48.9	49.2	49.0	49.5	49.6	50.3	50.3	50.8	50.7	50.9	50.5	50.6	50.7	50.5	50.6	50.3	50.4	50.0	50.1
80	31.5	31.5	31.3	31.8	31.9	32.5	32.7	33.3	33.3	33.7	33.6	34.0	34.3	34.2	34.5	34.2	34.2	33.7	33.7
85	13.2	13.2	12.9	13.3	13.4	14.1	14.2	14.9	15.1	15.7	15.8	16.3	16.7	16.7	17.0	16.7	16.7	16.1	15.9
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.01	0.08	0.27	0.10	0.04	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	0.07	0.09	0.07	0.09	0.08	0.09	0.06	0.07	0.03	0.05	0.03	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.01
115	0.24	0.27	0.24	0.27	0.26	0.29	0.23	0.25	0.20	0.22	0.18	0.20	0.18	0.12	0.15	0.11	0.16	0.14	0.19
120	0.48	0.49	0.49	0.51	0.49	0.52	0.47	0.47	0.43	0.43	0.40	0.41	0.38	0.31	0.36	0.32	0.36	0.36	0.40
125	0.74	0.77	0.75	0.78	0.77	0.79	0.73	0.74	0.69	0.69	0.65	0.67	0.63	0.59	0.62	0.57	0.63	0.61	0.64
130	1.07	1.12	1.07	1.12	1.08	1.10	1.05	1.05	1.00	1.00	0.98	0.97	0.95	0.91	0.93	0.91	0.92	0.93	0.96
135	1.43	1.47	1.44	1.47	1.44	1.46	1.41	1.40	1.33	1.35	1.32	1.30	1.31	1.28	1.27	1.25	1.27	1.29	1.33
140	1.79	1.81	1.79	1.81	1.80	1.79	1.75	1.74	1.69	1.68	1.67	1.66	1.65	1.63	1.62	1.61	1.64	1.67	1.69
145	2.11	2.12	2.11	2.11	2.11	2.10	2.05	2.04	1.99	2.00	1.98	1.99	1.99	1.96	1.97	1.95	1.97	1.97	1.99
150	2.37	2.39	2.37	2.37	2.37	2.37	2.34	2.31	2.27	2.26	2.27	2.26	2.27	2.24	2.25	2.23	2.23	2.24	2.26
155	2.58	2.58	2.57	2.57	2.58	2.57	2.56	2.54	2.50	2.49	2.51	2.50	2.54	2.50	2.51	2.46	2.46	2.50	2.52
160	2.74	2.72	2.72	2.72	2.74	2.75	2.72	2.69	2.67	2.66	2.67	2.67	2.71	2.70	2.66	2.63	2.64	2.69	2.71
165	2.90	2.90	2.88	2.87	2.90	2.92	2.90	2.87	2.84	2.82	2.83	2.84	2.87	2.88	2.81	2.79	2.81	2.83	2.87
170	3.03	3.03	3.02	3.04	3.07	3.06	3.04	3.01	2.99	2.98	3.00	2.99	2.99	3.03	2.99	2.97	2.99	2.99	3.00
175	3.13	3.14	3.13	3.17	3.18	3.17	3.15	3.11	3.10	3.11	3.11	3.10	3.11	3.12	3.14	3.13	3.12	3.13	3.08
180	3.20	3.18	3.18	3.20	3.19	3.19	3.17	3.15	3.16	3.17	3.18	3.17	3.19	3.19	3.18	3.20	3.18	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:0.4897A P:58.68W PF:0.9953 Lamp Flux:4562.31x1 lm		
NAME: ADL 60W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	5349	5355	5348	5349	5340														
5	5155	5160	5140	5129	5117														
10	4813	4785	4709	4658	4593														
15	4271	4219	4116	4062	4022														
20	3696	3646	3535	3486	3447														
25	3150	3119	3021	2999	2957														
30	2734	2702	2635	2600	2515														
35	1837	1790	1713	1601	1525														
40	758	716	634	586	517														
45	135	136	135	134	133														
50	115	116	116	117	117														
55	103	104	104	104	104														
60	91.0	91.5	91.6	92.1	92.1														
65	78.4	78.8	78.7	79.0	78.9														
70	64.7	65.0	64.8	65.0	64.7														
75	49.8	49.8	49.4	49.5	49.1														
80	33.1	32.9	32.4	32.3	31.7														
85	15.2	15.0	14.3	14.2	13.6														
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	0.00	0.00	0.00	0.00														
110	0.00	0.03	0.00	0.04	0.04														
115	0.15	0.19	0.18	0.22	0.20														
120	0.38	0.41	0.39	0.45	0.43														
125	0.64	0.68	0.68	0.72	0.70														
130	0.96	0.99	1.00	1.04	1.02														
135	1.33	1.34	1.39	1.41	1.42														
140	1.68	1.70	1.76	1.79	1.77														
145	2.00	2.03	2.07	2.10	2.11														
150	2.28	2.30	2.36	2.37	2.38														
155	2.53	2.54	2.58	2.56	2.60														
160	2.72	2.72	2.74	2.73	2.76														
165	2.88	2.89	2.90	2.87	2.89														
170	3.00	3.01	3.03	3.02	3.02														
175	3.10	3.10	3.15	3.14	3.11														
180	3.15	3.16	3.18	3.18	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: