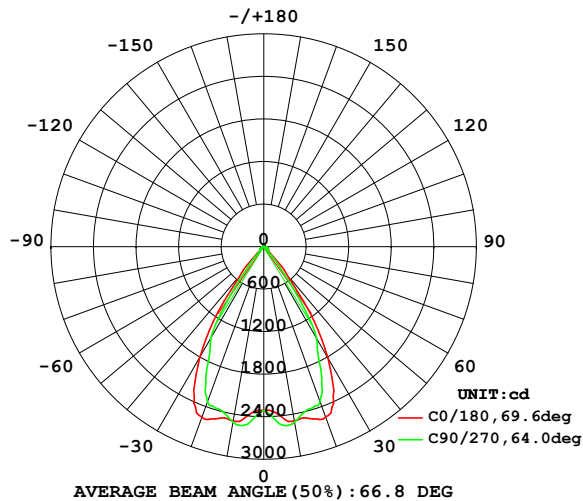


LUMINAIRE PHOTOMETRIC TEST REPORT

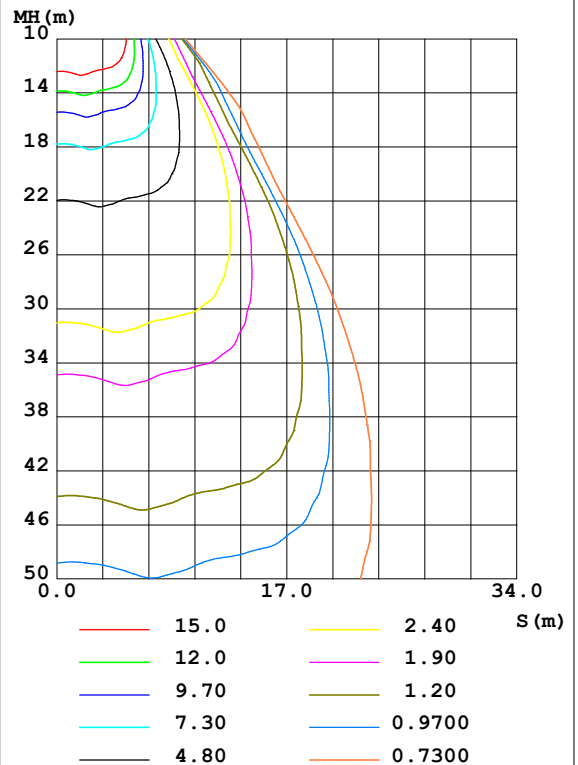
Test:U:120.4V I:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.25 lm/W			
MODEL		I _{max} (cd)	2574	S/MH (C0/180)	1.01
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH (C90/270)	0.94
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	2583.9	η UP,DN (C0-180)	0.1,49.9
NOMINAL FLUX(lm)	2583.94	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.1,49.9
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:2018-05-31

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	2494	2365	2514	2365	2494	2365	2514	2365	0- 10	230.7	230.7	8.93
20	2559	2004	2324	2004	2559	2004	2324	2004	10- 20	638.5	869.3	33.6
30	1807	1548	1496	1548	1807	1548	1496	1548	20- 30	865.2	1734	67.1
40	494.7	391.9	261.9	391.9	494.7	391.9	261.9	391.9	30- 40	594.1	2329	90.1
50	73.62	71.61	68.14	71.61	73.62	71.61	68.14	71.61	40- 50	103.8	2432	94.1
60	58.70	56.96	53.51	56.96	58.70	56.96	53.51	56.96	50- 60	57.23	2489	96.3
70	42.37	40.37	36.67	40.37	42.37	40.37	36.67	40.37	60- 70	48.13	2538	98.2
80	23.55	21.33	17.66	21.33	23.55	21.33	17.66	21.33	70- 80	32.44	2570	99.5
90	1.663	0	0	0	1.663	0	0	0	80- 90	11.08	2581	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0200	2581	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2581	99.9
120	0	0.0819	0.0962	0.0819	0	0.0819	0.0962	0.0819	110-120	0.0063	2581	99.9
130	0.3860	0.4909	0.5048	0.4909	0.3860	0.4909	0.5048	0.4909	120-130	0.2253	2581	99.9
140	0.8398	0.9593	0.9440	0.9593	0.8398	0.9593	0.9440	0.9593	130-140	0.5361	2582	99.9
150	1.219	1.361	1.330	1.361	1.219	1.361	1.330	1.361	140-150	0.7092	2583	99.9
160	1.472	1.532	1.554	1.532	1.472	1.532	1.554	1.532	150-160	0.6622	2583	100
170	1.746	1.799	1.813	1.799	1.746	1.799	1.813	1.799	160-170	0.4606	2584	100
180	2.052	2.067	2.074	2.067	2.052	2.067	2.074	2.067	170-180	0.1823	2584	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

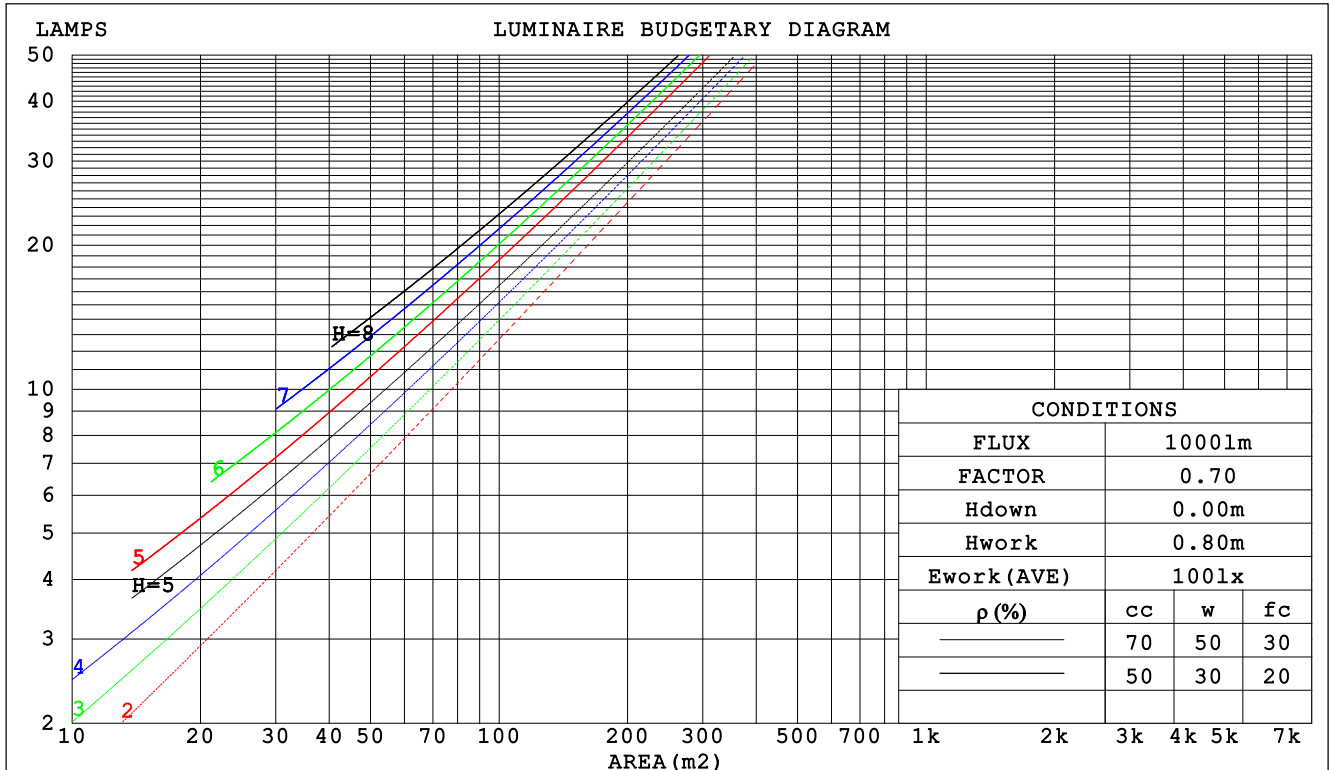
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.90	.96	.92	.96	.93	.90	.93	.91	.88	.91	.88	.86	.85
3.0	.94	.89	.84	.93	.88	.84	.90	.86	.82	.87	.84	.81	.85	.82	.80	.78
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.77	.74	.72
5.0	.82	.75	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.72	.69	.67
6.0	.76	.70	.65	.75	.70	.65	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.65	.61	.71	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
8.0	.67	.61	.57	.67	.61	.56	.65	.60	.56	.64	.60	.56	.63	.59	.56	.54
9.0	.63	.57	.53	.63	.57	.53	.62	.56	.53	.61	.56	.52	.60	.55	.52	.51
10.0	.60	.54	.50	.59	.53	.49	.58	.53	.49	.58	.53	.49	.57	.52	.49	.48



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm					
NAME: ADL 30W ADR8WH 60°			TYPE:LED		WEIGHT:
SPEC.:ADL 30W 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	.196	.111	.035	.189	.108	.034	.176	.101	.032	.165	.095	.030	.154	.089	.029		
2.0	.186	.102	.031	.180	.099	.031	.169	.094	.029	.159	.089	.028	.150	.085	.027		
3.0	.176	.093	.028	.171	.091	.028	.161	.087	.027	.153	.084	.026	.145	.080	.025		
4.0	.166	.086	.025	.162	.085	.025	.154	.082	.024	.146	.079	.024	.139	.076	.023		
5.0	.158	.080	.023	.154	.079	.023	.147	.076	.023	.140	.074	.022	.134	.072	.022		
6.0	.150	.075	.021	.146	.074	.021	.140	.072	.021	.134	.070	.021	.129	.068	.020		
7.0	.143	.070	.020	.140	.070	.020	.134	.068	.020	.129	.066	.019	.124	.065	.019		
8.0	.136	.066	.019	.133	.066	.019	.129	.064	.018	.124	.063	.018	.120	.061	.018		
9.0	.130	.063	.018	.128	.062	.017	.123	.061	.017	.119	.060	.017	.115	.059	.017		
10.0	.124	.060	.017	.122	.059	.016	.118	.058	.016	.115	.057	.016	.111	.056	.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	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.173	.158	.144	.148	.136	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.159	.133	.112	.136	.115	.097	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.147	.115	.088	.126	.099	.077	.087	.069	.054	.050	.040	.032	.016	.013	.010	
4.0	.137	.100	.072	.118	.086	.062	.081	.060	.044	.047	.035	.026	.015	.011	.009	
5.0	.129	.089	.059	.111	.077	.051	.076	.054	.036	.044	.031	.021	.014	.010	.007	
6.0	.121	.079	.049	.104	.069	.043	.072	.048	.030	.042	.028	.018	.013	.009	.006	
7.0	.115	.072	.042	.099	.062	.036	.068	.044	.026	.040	.026	.015	.013	.008	.005	
8.0	.109	.066	.036	.094	.057	.031	.065	.040	.022	.038	.024	.013	.012	.008	.004	
9.0	.104	.061	.031	.090	.053	.027	.062	.037	.019	.036	.022	.012	.012	.007	.004	
10.0	.100	.056	.028	.086	.049	.024	.060	.034	.017	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm										
NAME: ADL 30W ADR8WH 60°					TYPE:LED			WEIGHT:		
SPEC.:ADL 30W 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	9.7	10.8	10.0	10.9	11.1	8.3	9.3	8.5	9.5	9.7
3H	10.0	10.9	10.2	11.1	11.3	8.6	9.6	8.9	9.8	10.0
4H	10.2	11.0	10.4	11.3	11.5	8.9	9.7	9.1	10.0	10.2
6H	10.4	11.2	10.7	11.4	11.7	9.0	9.9	9.3	10.1	10.4
8H	10.5	11.3	10.8	11.5	11.8	9.1	9.9	9.4	10.2	10.4
12H	10.5	11.3	10.9	11.6	11.9	9.1	9.9	9.5	10.2	10.4
4H 2H	9.6	10.5	9.9	10.7	11.0	8.3	9.2	8.6	9.4	9.6
3H	10.0	10.8	10.4	11.1	11.4	8.8	9.6	9.2	9.9	10.1
4H	10.4	11.0	10.7	11.3	11.7	9.2	9.9	9.5	10.2	10.5
6H	10.7	11.3	11.1	11.7	12.0	9.5	10.1	9.9	10.5	10.8
8H	10.9	11.4	11.3	11.8	12.2	9.6	10.2	10.0	10.6	10.9
12H	11.0	11.5	11.4	11.9	12.3	9.7	10.2	10.1	10.6	11.0
8H 4H	10.4	11.0	10.8	11.3	11.7	9.3	9.9	9.7	10.2	10.6
6H	10.9	11.4	11.3	11.8	12.2	9.8	10.3	10.2	10.7	11.1
8H	11.1	11.6	11.6	12.0	12.4	10.0	10.4	10.4	10.8	11.3
12H	11.4	11.7	11.8	12.2	12.7	10.1	10.5	10.6	10.9	11.4
12H 4H	10.4	10.9	10.8	11.3	11.7	9.3	9.8	9.7	10.2	10.6
6H	10.9	11.3	11.4	11.7	12.2	9.8	10.3	10.3	10.7	11.1
8H	11.2	11.6	11.7	12.0	12.5	10.1	10.4	10.5	10.9	11.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 1.6					+ 1.1 / - 1.0				
1.5H	+ 4.1 / - 1.5					+ 2.5 / - 1.1				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.4				

CIE Pub.117 Corrected 2584 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.3)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	97	92	88	97	91	87	95	91	87	83
1.25	102	96	92	101	95	92	98	94	91	87
1.50	104	99	96	103	99	95	101	97	94	89
2.00	107	103	99	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	98
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: 2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2401.4 lm

%lum = 92.9%

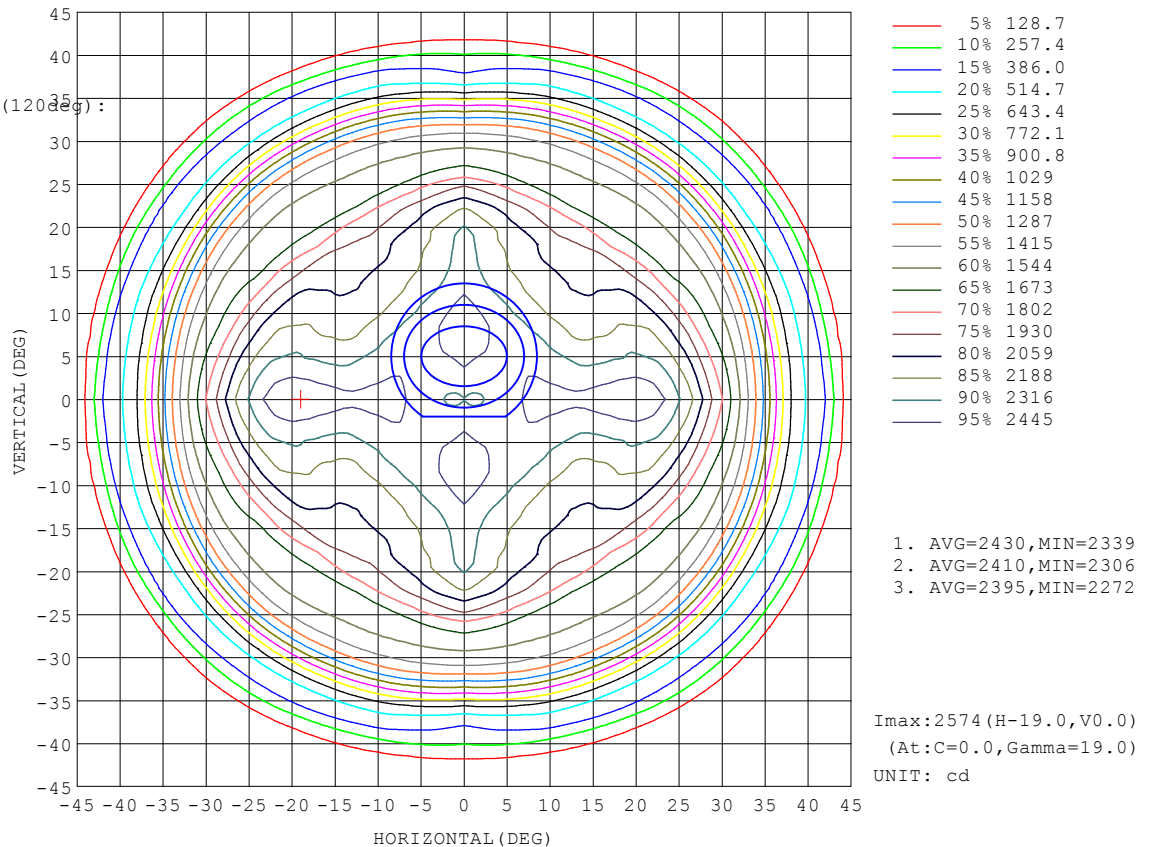
%lamp = 92.9%

Conical surface Flux(120deg):

2489.5 lm

%lum = 96.3%

%lamp = 96.3%

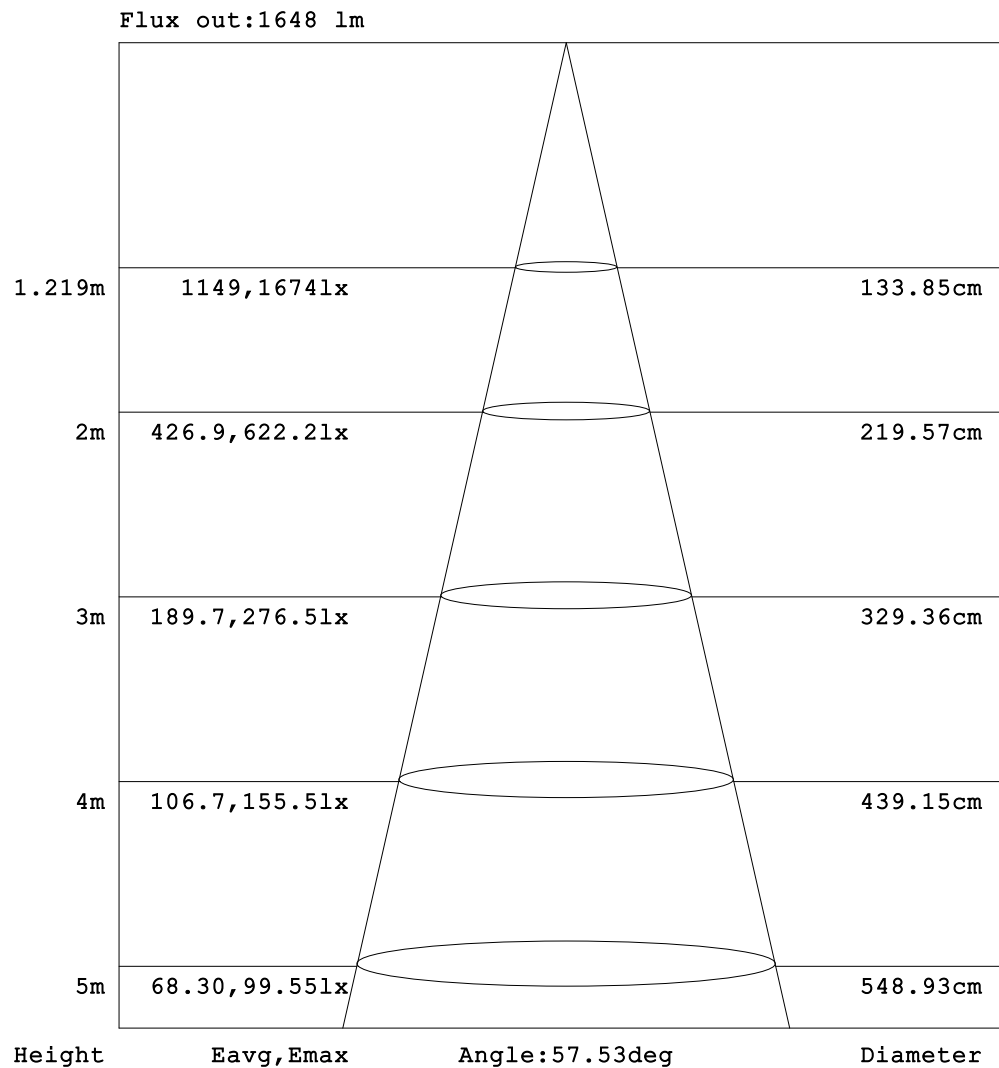


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



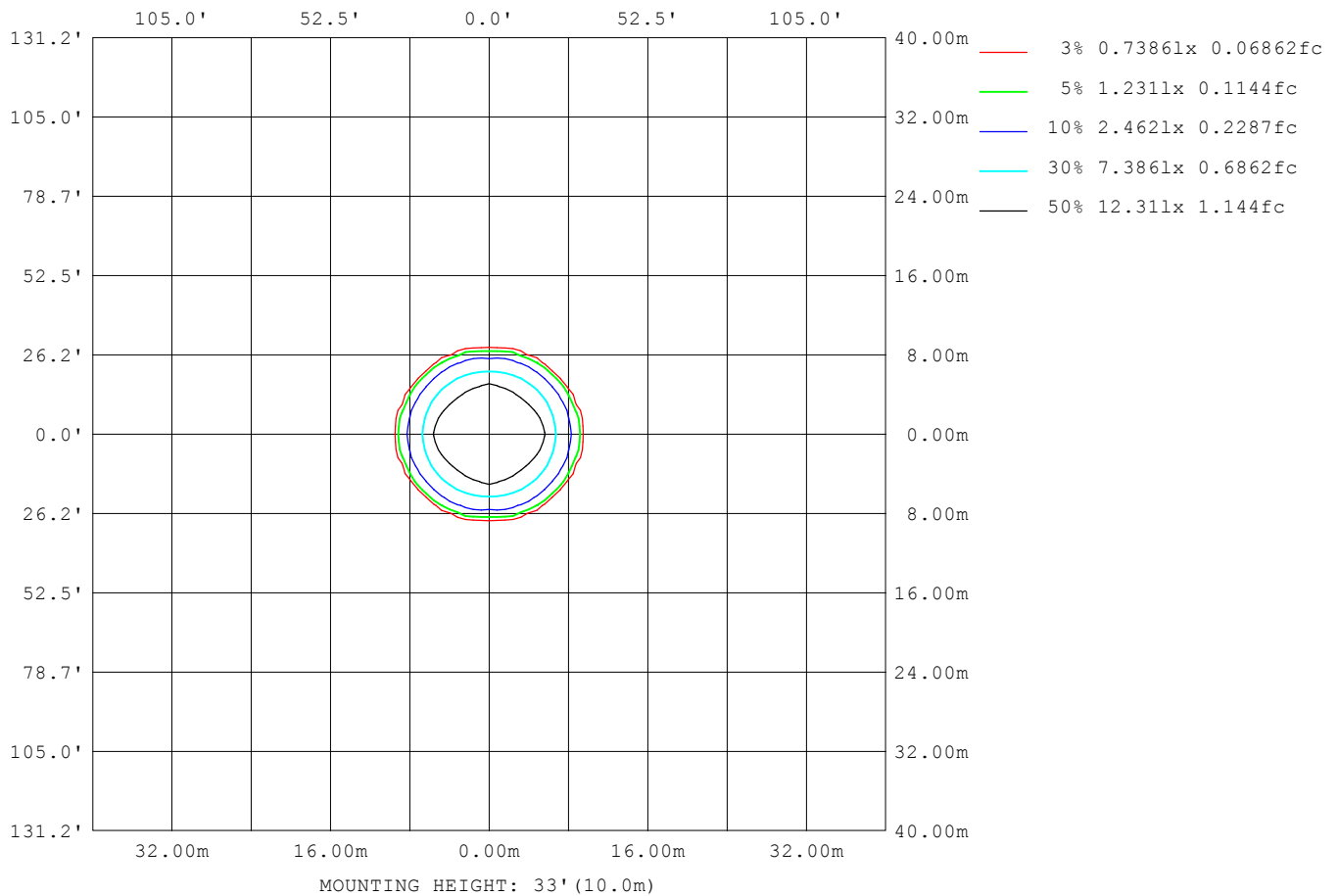
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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

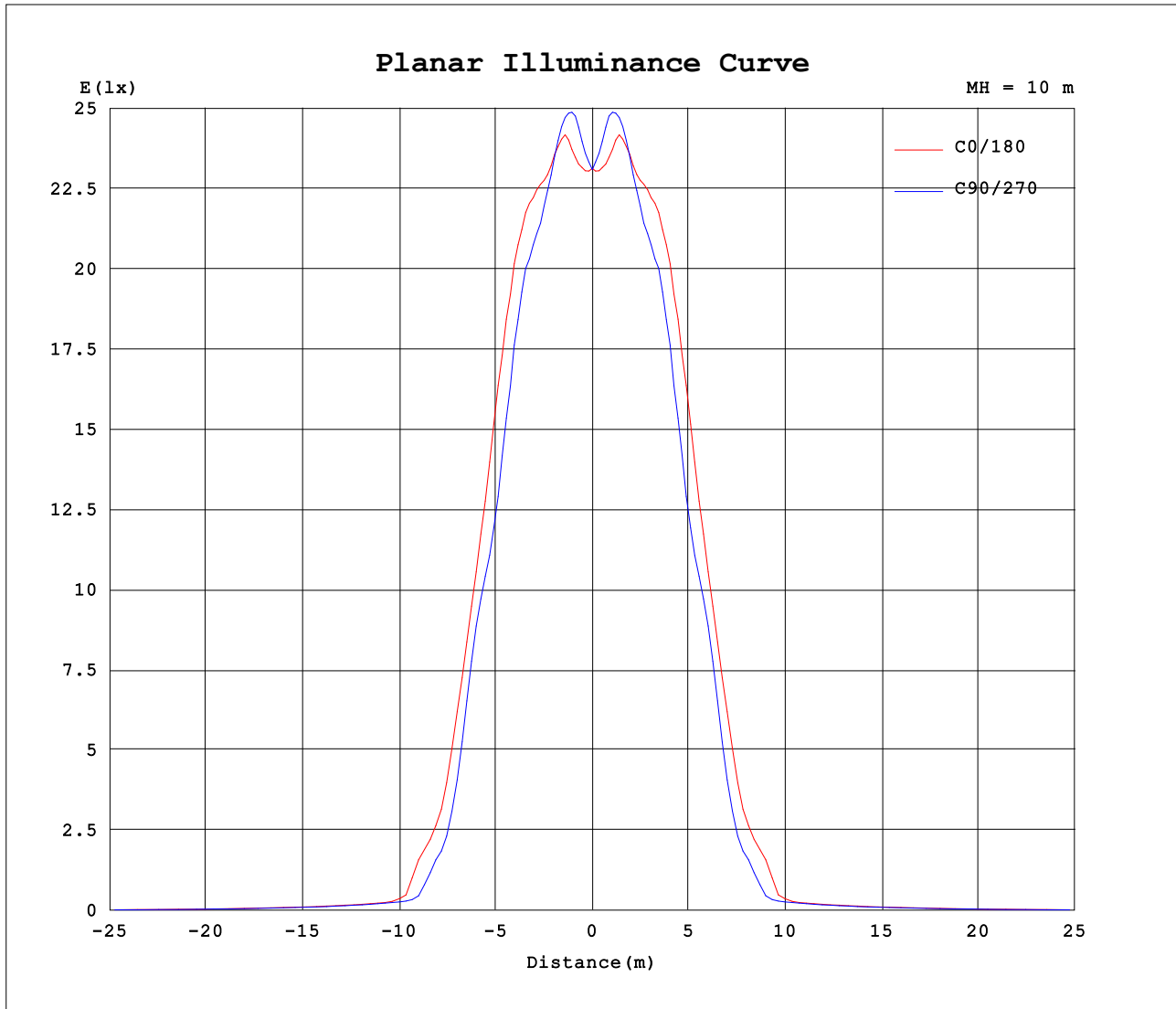
Test:U:120.4V I:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR8WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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: 2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	2313	2315	2314	2313	2313	2311	2310	2311	2313	2313	2314	2315	2313	2315	2314	2313	2313	2311	2310
5	2375	2376	2380	2387	2409	2448	2505	2448	2409	2387	2380	2376	2375	2376	2380	2387	2409	2448	2505
10	2494	2428	2387	2365	2372	2430	2514	2430	2372	2365	2387	2428	2494	2428	2387	2365	2372	2430	2514
15	2512	2314	2156	2141	2168	2251	2378	2251	2168	2141	2156	2314	2512	2314	2156	2141	2168	2251	2378
20	2559	2323	2124	2004	2024	2142	2324	2142	2024	2004	2124	2323	2559	2323	2124	2004	2024	2142	2324
25	2326	2107	1918	1754	1735	1785	1906	1785	1735	1754	1918	2107	2326	2107	1918	1754	1735	1785	1906
30	1807	1645	1578	1548	1502	1486	1496	1486	1502	1548	1578	1645	1807	1645	1578	1548	1502	1486	1496
35	1128	1101	1057	990	901	840	740	840	901	990	1057	1101	1128	1101	1057	990	901	840	740
40	495	476	420	392	376	350	262	350	376	392	420	476	495	476	420	392	376	350	262
45	105	97.2	87.6	83.4	80.2	78.2	76.4	78.2	80.2	83.4	87.6	97.2	105	97.2	87.6	83.4	80.2	78.2	76.4
50	73.6	73.3	72.5	71.6	70.4	69.4	68.1	69.4	70.4	71.6	72.5	73.3	73.6	73.3	72.5	71.6	70.4	69.4	68.1
55	66.0	65.7	65.0	64.2	63.1	62.1	60.8	62.1	63.1	64.2	65.0	65.7	66.0	65.7	65.0	64.2	63.1	62.1	60.8
60	58.7	58.4	57.7	57.0	55.8	54.8	53.5	54.8	55.8	57.0	57.7	58.4	58.7	58.4	57.7	57.0	55.8	54.8	53.5
65	50.9	50.7	49.9	49.1	47.9	46.8	45.5	46.8	47.9	49.1	49.9	50.7	50.9	50.7	49.9	49.1	47.9	46.8	45.5
70	42.4	42.0	41.2	40.4	39.1	38.0	36.7	38.0	39.1	40.4	41.2	42.0	42.4	42.0	41.2	40.4	39.1	38.0	36.7
75	33.2	32.8	32.0	31.1	29.9	28.8	27.5	28.8	29.9	31.1	32.0	32.8	33.2	32.8	32.0	31.1	29.9	28.8	27.5
80	23.5	23.1	22.2	21.3	20.1	19.0	17.7	19.0	20.1	21.3	22.2	23.1	23.5	23.1	22.2	21.3	20.1	19.0	17.7
85	12.8	12.3	11.2	10.3	8.96	7.93	6.67	7.93	8.96	10.3	11.2	12.3	12.8	12.3	11.2	10.3	8.96	7.93	6.67
90	1.66	1.14	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.14	1.66	1.14	0.20	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	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
120	0.00	0.04	0.02	0.08	0.05	0.10	0.10	0.10	0.05	0.08	0.02	0.04	0.00	0.04	0.02	0.08	0.05	0.10	0.10
125	0.19	0.23	0.22	0.28	0.25	0.31	0.28	0.31	0.25	0.28	0.22	0.23	0.19	0.23	0.22	0.28	0.25	0.31	0.28
130	0.39	0.45	0.44	0.49	0.46	0.53	0.50	0.53	0.46	0.49	0.44	0.45	0.39	0.45	0.44	0.49	0.46	0.53	0.50
135	0.62	0.68	0.66	0.73	0.70	0.76	0.71	0.76	0.70	0.73	0.66	0.68	0.62	0.68	0.66	0.73	0.70	0.76	0.71
140	0.84	0.89	0.89	0.96	0.94	0.97	0.94	0.97	0.94	0.96	0.89	0.89	0.84	0.89	0.89	0.96	0.94	0.97	0.94
145	1.05	1.12	1.11	1.18	1.15	1.20	1.16	1.20	1.15	1.18	1.11	1.12	1.05	1.12	1.11	1.18	1.15	1.20	1.16
150	1.22	1.28	1.29	1.36	1.33	1.37	1.33	1.37	1.33	1.36	1.29	1.28	1.22	1.28	1.29	1.36	1.33	1.37	1.33
155	1.37	1.41	1.41	1.46	1.45	1.49	1.46	1.49	1.45	1.46	1.41	1.41	1.37	1.41	1.41	1.46	1.45	1.49	1.46
160	1.47	1.52	1.49	1.53	1.54	1.59	1.55	1.59	1.54	1.53	1.49	1.52	1.47	1.52	1.49	1.53	1.54	1.59	1.55
165	1.58	1.61	1.58	1.63	1.65	1.68	1.66	1.68	1.65	1.63	1.58	1.61	1.58	1.61	1.58	1.63	1.65	1.68	1.66
170	1.75	1.78	1.76	1.80	1.80	1.84	1.81	1.84	1.80	1.80	1.76	1.78	1.75	1.78	1.76	1.80	1.80	1.84	1.81
175	1.93	1.96	1.95	1.99	1.98	2.01	1.99	2.01	1.98	1.99	1.95	1.96	1.93	1.96	1.95	1.99	1.98	2.01	1.99
180	2.05	2.05	2.05	2.07	2.07	2.06	2.07	2.06	2.07	2.07	2.05	2.05	2.05	2.05	2.05	2.07	2.07	2.06	2.07

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2723A P:32.60W PF:0.9945 Lamp Flux:2583.94x1 lm		
NAME: ADL 30W ADR8WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W 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	2311	2313	2313	2314	2315														
5	2448	2409	2387	2380	2376														
10	2430	2372	2365	2387	2428														
15	2251	2168	2141	2156	2314														
20	2142	2024	2004	2124	2323														
25	1785	1735	1754	1918	2107														
30	1486	1502	1548	1578	1645														
35	840	901	990	1057	1101														
40	350	376	392	420	476														
45	78.2	80.2	83.4	87.6	97.2														
50	69.4	70.4	71.6	72.5	73.3														
55	62.1	63.1	64.2	65.0	65.7														
60	54.8	55.8	57.0	57.7	58.4														
65	46.8	47.9	49.1	49.9	50.7														
70	38.0	39.1	40.4	41.2	42.0														
75	28.8	29.9	31.1	32.0	32.8														
80	19.0	20.1	21.3	22.2	23.1														
85	7.93	8.96	10.3	11.2	12.3														
90	0.00	0.00	0.00	0.20	1.14														
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	0.00	0.00	0.00	0.00	0.00														
120	0.10	0.05	0.08	0.02	0.04														
125	0.31	0.25	0.28	0.22	0.23														
130	0.53	0.46	0.49	0.44	0.45														
135	0.76	0.70	0.73	0.66	0.68														
140	0.97	0.94	0.96	0.89	0.89														
145	1.20	1.15	1.18	1.11	1.12														
150	1.37	1.33	1.36	1.29	1.28														
155	1.49	1.45	1.46	1.41	1.41														
160	1.59	1.54	1.53	1.49	1.52														
165	1.68	1.65	1.63	1.58	1.61														
170	1.84	1.80	1.80	1.76	1.78														
175	2.01	1.98	1.99	1.95	1.96														
180	2.06	2.07	2.07	2.05	2.05														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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: