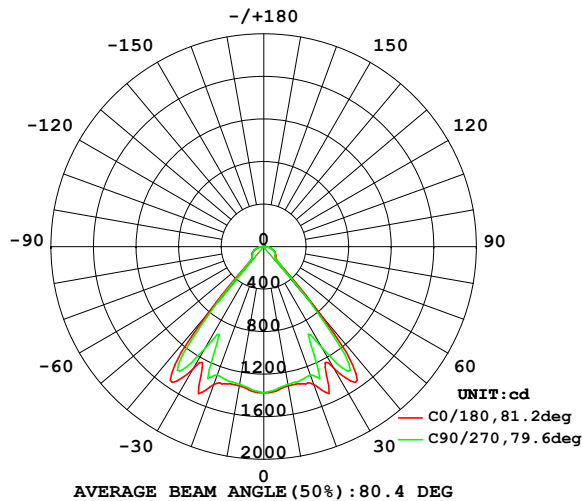


LUMINAIRE PHOTOMETRIC TEST REPORT

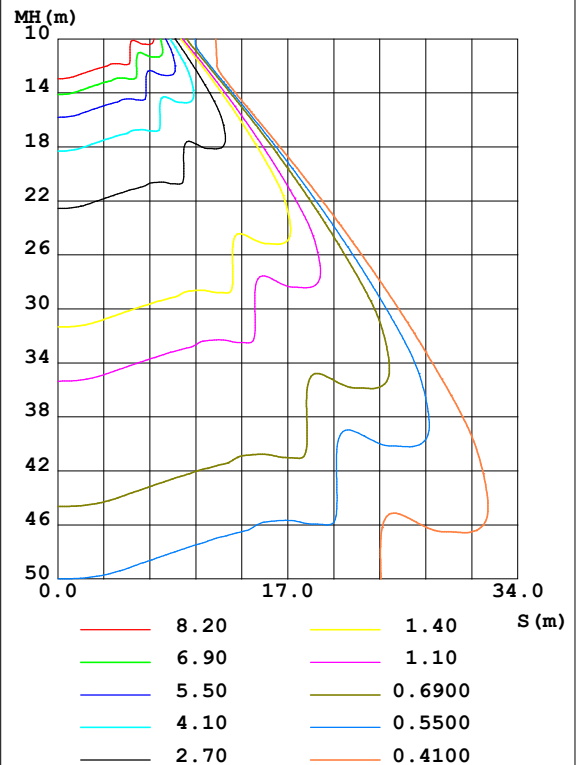
Test:U:120.4V I:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.34 lm/W			
MODEL		I _{max} (cd)	1539	S/MH (C0/180)	1.20
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH (C90/270)	1.00
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	2294.4	η UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	2294.38	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.0
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:2018-05-30

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	1330	1322	1314	1322	1330	1322	1314	1322	0- 10	128.1	128.1	5.58
20	1382	1281	1285	1281	1382	1281	1285	1281	10- 20	372.3	500.4	21.8
30	1321	934.9	1099	934.9	1321	934.9	1099	934.9	20- 30	510.2	1011	44
40	827.2	785.3	646.9	785.3	827.2	785.3	646.9	785.3	30- 40	756.7	1767	77
50	147.7	146.1	142.2	146.1	147.7	146.1	142.2	146.1	40- 50	189.3	1957	85.3
60	125.3	123.4	119.6	123.4	125.3	123.4	119.6	123.4	50- 60	120.6	2077	90.5
70	95.30	93.18	89.29	93.18	95.30	93.18	89.29	93.18	60- 70	107.7	2185	95.2
80	55.37	53.92	49.66	53.92	55.37	53.92	49.66	53.92	70- 80	78.33	2263	98.6
90	0.7199	0	0.0116	0	0.7199	0	0.0116	0	80- 90	29.01	2292	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0118	2292	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2292	99.9
120	0.1152	0.1801	0.1508	0.1801	0.1152	0.1801	0.1508	0.1801	110-120	0.0514	2292	99.9
130	0.3669	0.4464	0.4027	0.4464	0.3669	0.4464	0.4027	0.4464	120-130	0.2503	2293	99.9
140	0.6402	0.7059	0.6621	0.7059	0.6402	0.7059	0.6621	0.7059	130-140	0.4286	2293	99.9
150	0.8274	0.8997	0.8778	0.8997	0.8274	0.8997	0.8778	0.8997	140-150	0.4936	2293	100
160	0.9428	1.037	1.021	1.037	0.9428	1.037	1.021	1.037	150-160	0.4329	2294	100
170	1.244	1.317	1.274	1.317	1.244	1.317	1.274	1.317	160-170	0.3205	2294	100
180	1.511	1.511	1.511	1.511	1.511	1.511	1.511	1.511	170-180	0.1320	2294	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

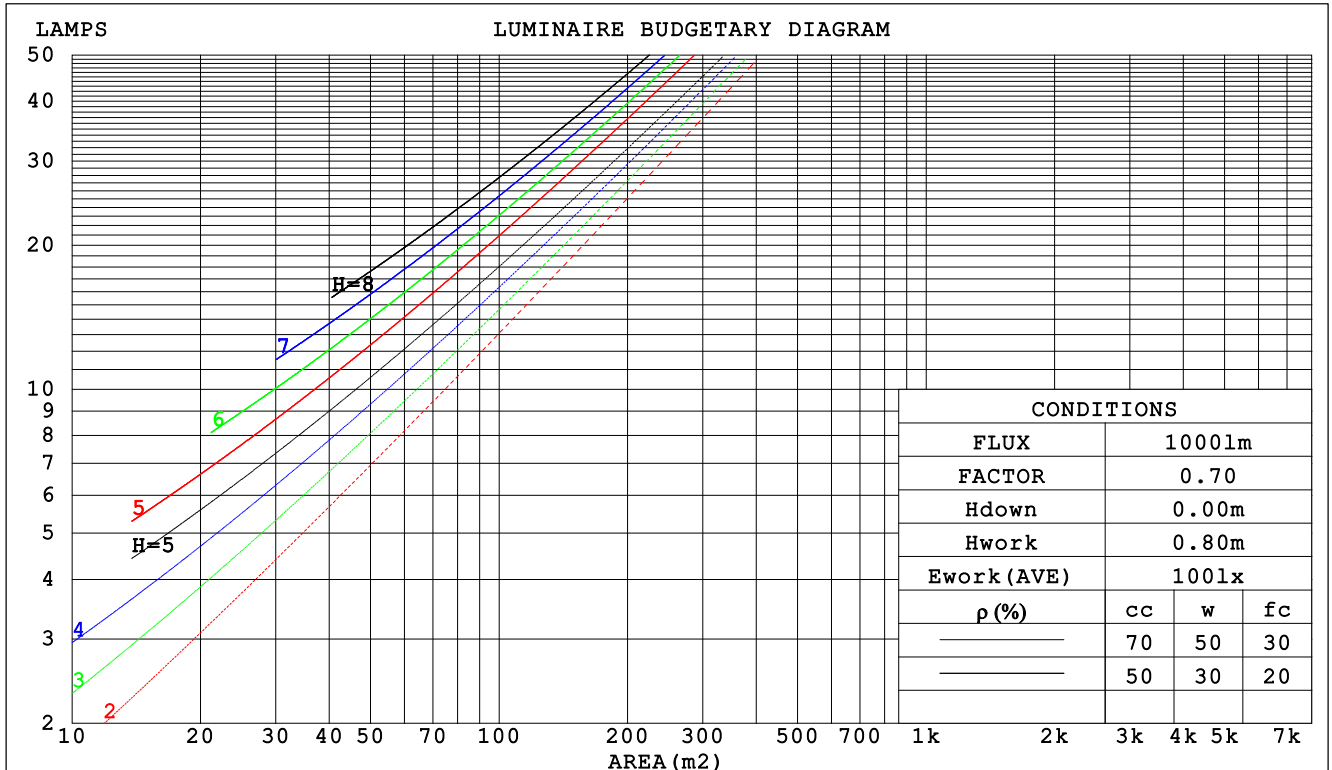
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.99	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79
3.0	.88	.82	.77	.87	.81	.76	.84	.79	.75	.81	.77	.73	.79	.75	.72	.70
4.0	.81	.74	.68	.79	.73	.68	.77	.71	.67	.75	.70	.66	.73	.69	.65	.63
5.0	.74	.67	.61	.73	.66	.61	.71	.65	.60	.69	.64	.60	.67	.63	.59	.57
6.0	.68	.61	.55	.67	.60	.55	.65	.59	.55	.64	.58	.54	.62	.58	.54	.52
7.0	.63	.55	.50	.62	.55	.50	.61	.54	.50	.59	.54	.49	.58	.53	.49	.47
8.0	.58	.51	.46	.58	.51	.46	.56	.50	.46	.55	.50	.45	.54	.49	.45	.43
9.0	.54	.47	.42	.54	.47	.42	.52	.46	.42	.51	.46	.42	.51	.45	.42	.40
10.0	.50	.43	.39	.50	.43	.39	.49	.43	.39	.48	.43	.39	.47	.42	.38	.37



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	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	.241	.137	.043	.235	.134	.042	.222	.127	.041	.210	.121	.039	.199	.115	.037		
2.0	.227	.125	.038	.221	.122	.038	.210	.117	.036	.200	.112	.035	.190	.108	.034		
3.0	.213	.113	.034	.208	.111	.033	.198	.107	.033	.189	.103	.032	.181	.100	.031		
4.0	.199	.104	.030	.195	.102	.030	.186	.099	.030	.178	.096	.029	.171	.093	.028		
5.0	.187	.095	.028	.183	.094	.027	.176	.092	.027	.169	.089	.026	.162	.087	.026		
6.0	.176	.088	.025	.173	.087	.025	.166	.085	.025	.160	.083	.024	.154	.081	.024		
7.0	.167	.082	.023	.163	.081	.023	.158	.080	.023	.152	.078	.023	.147	.076	.022		
8.0	.158	.077	.022	.155	.076	.022	.150	.075	.021	.145	.073	.021	.140	.072	.021		
9.0	.150	.072	.020	.147	.072	.020	.142	.070	.020	.138	.069	.020	.134	.068	.020		
10.0	.142	.068	.019	.140	.068	.019	.136	.067	.019	.132	.065	.019	.128	.064	.018		

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	.176	.157	.140	.151	.135	.121	.103	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.164	.133	.107	.141	.114	.092	.096	.079	.064	.056	.046	.038	.018	.015	.012	
3.0	.154	.115	.083	.132	.099	.072	.091	.069	.051	.052	.040	.030	.017	.013	.010	
4.0	.145	.101	.066	.125	.087	.058	.086	.061	.041	.050	.035	.024	.016	.012	.008	
5.0	.137	.090	.054	.118	.078	.047	.081	.054	.033	.047	.032	.020	.015	.010	.007	
6.0	.130	.081	.045	.112	.070	.039	.077	.049	.028	.045	.029	.017	.014	.009	.005	
7.0	.124	.074	.038	.107	.064	.033	.074	.045	.024	.043	.026	.014	.014	.009	.005	
8.0	.118	.068	.033	.102	.059	.029	.070	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.113	.063	.029	.097	.054	.025	.067	.038	.018	.039	.023	.011	.013	.007	.004	
10.0	.108	.058	.025	.093	.051	.022	.065	.036	.016	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm										
NAME: ADL 30W ADR4WH 80°					TYPE:LED			WEIGHT:		
SPEC.:ADL 30W ADR4WH 80°					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	12.3	13.5	12.5	13.7	13.9	11.8	13.0	12.0	13.2	13.4
3H	13.1	14.2	13.4	14.5	14.7	12.7	13.8	12.9	14.0	14.2
4H	13.6	14.7	13.9	15.0	15.2	13.2	14.3	13.5	14.5	14.7
6H	14.2	15.2	14.5	15.5	15.7	13.7	14.7	14.0	15.0	15.2
8H	14.4	15.4	14.8	15.7	15.9	13.9	14.9	14.3	15.2	15.4
12H	14.6	15.5	15.0	15.8	16.1	14.1	15.0	14.4	15.3	15.6
4H 2H	12.4	13.5	12.7	13.7	14.0	12.0	13.0	12.3	13.3	13.5
3H	13.6	14.5	13.9	14.8	15.1	13.2	14.1	13.5	14.4	14.7
4H	14.3	15.1	14.7	15.4	15.8	13.9	14.8	14.3	15.1	15.4
6H	15.0	15.8	15.4	16.1	16.5	14.6	15.4	15.0	15.7	16.1
8H	15.4	16.1	15.8	16.4	16.8	14.9	15.6	15.3	16.0	16.4
12H	15.6	16.3	16.1	16.7	17.1	15.1	15.8	15.6	16.2	16.6
8H 4H	14.6	15.3	15.0	15.6	16.0	14.2	14.9	14.6	15.3	15.7
6H	15.5	16.1	15.9	16.5	16.9	15.1	15.7	15.6	16.1	16.5
8H	16.0	16.5	16.4	16.9	17.3	15.6	16.1	16.0	16.5	16.9
12H	16.3	16.8	16.8	17.2	17.7	15.9	16.3	16.3	16.8	17.2
12H 4H	14.6	15.2	15.0	15.6	16.0	14.3	14.9	14.7	15.3	15.7
6H	15.6	16.1	16.1	16.5	17.0	15.3	15.8	15.7	16.2	16.6
8H	16.1	16.5	16.6	17.0	17.5	15.7	16.2	16.2	16.6	17.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 1.2					+ 1.3 / - 1.1				
1.5H	+ 3.0 / - 1.2					+ 2.9 / - 1.1				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 2294 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	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) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	65	77	69	65	76	69	64	60
0.80	86	78	73	85	78	73	84	77	72	68
1.00	91	84	79	90	83	79	88	84	78	73
1.25	96	89	84	95	88	84	93	87	83	78
1.50	100	93	88	98	92	88	96	91	87	81
2.00	104	98	93	102	97	93	99	95	91	85
2.50	106	101	97	104	99	96	101	97	94	87
3.00	108	103	100	106	102	99	103	99	96	89
4.00	111	107	104	109	105	102	105	102	100	92
5.00	113	109	107	110	107	105	106	104	102	94
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:2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1895.5 lm

%lum = 82.6%

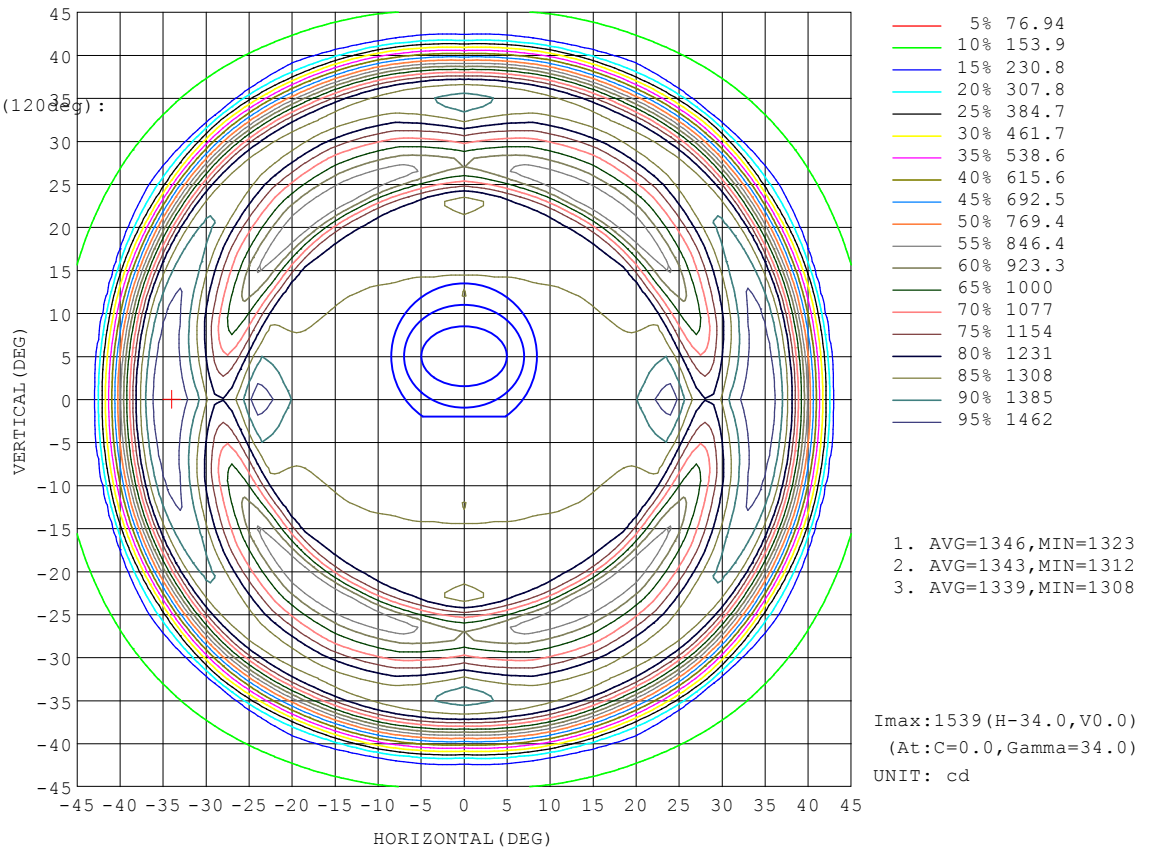
%lamp = 82.6%

Conical surface Flux(120deg):

2077.2 lm

%lum = 90.5%

%lamp = 90.5%

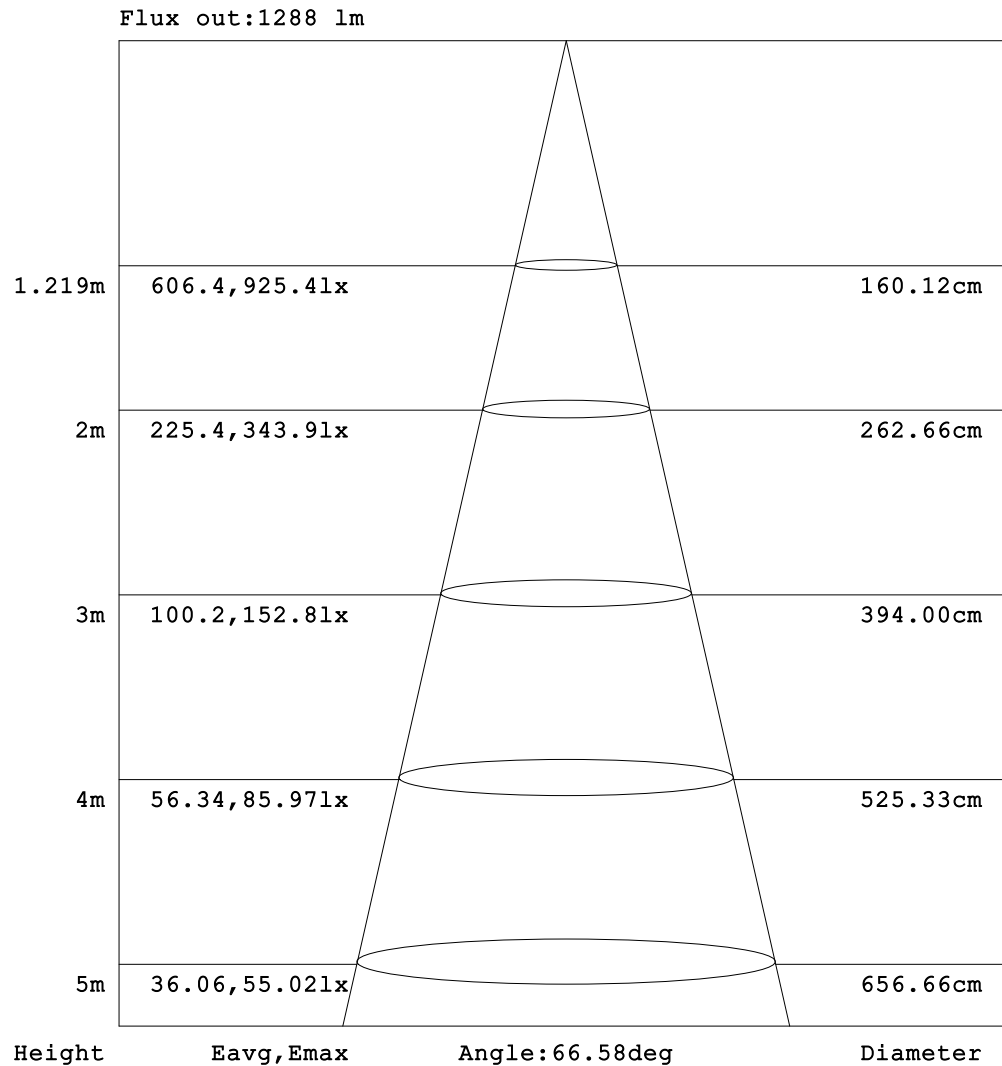


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



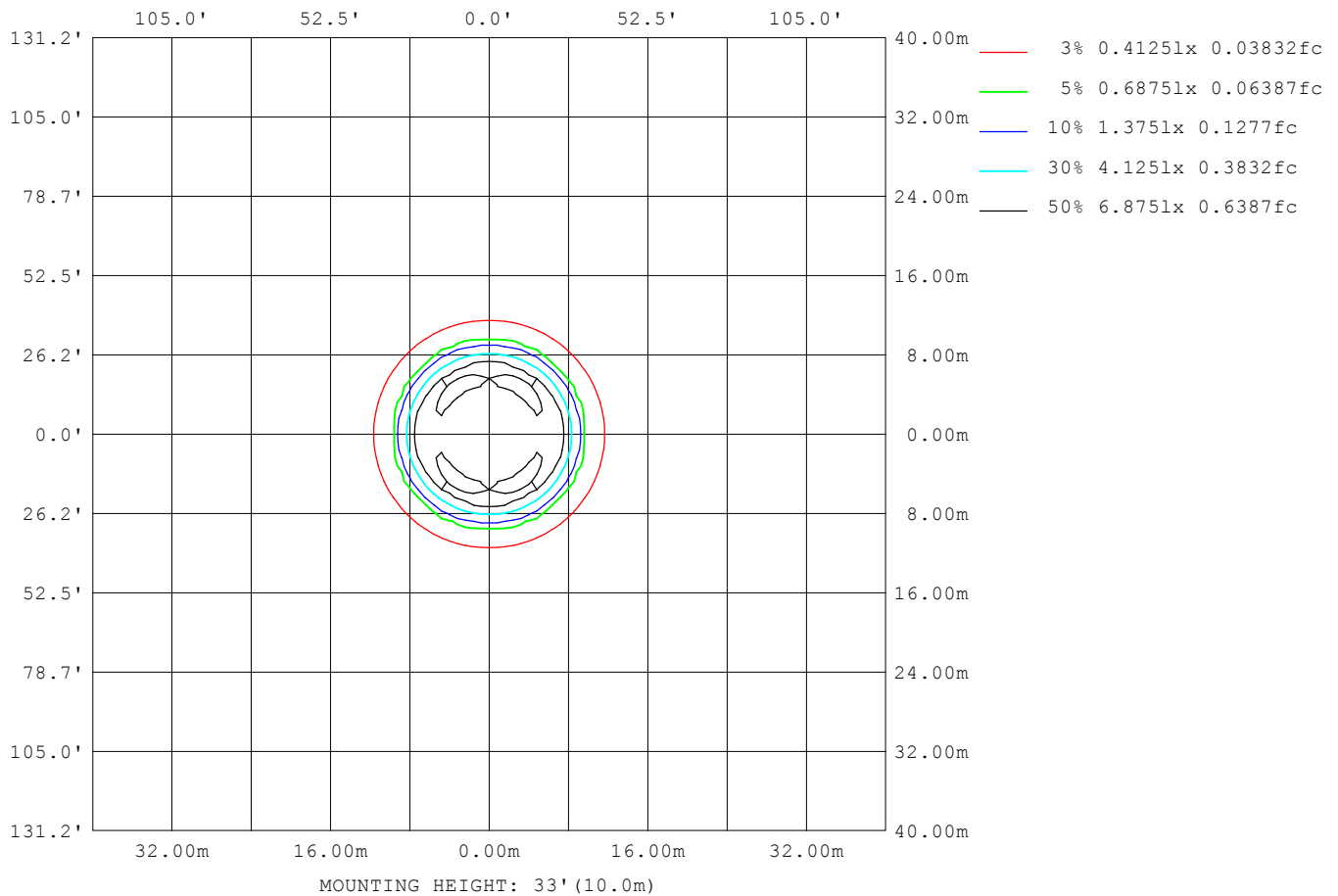
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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

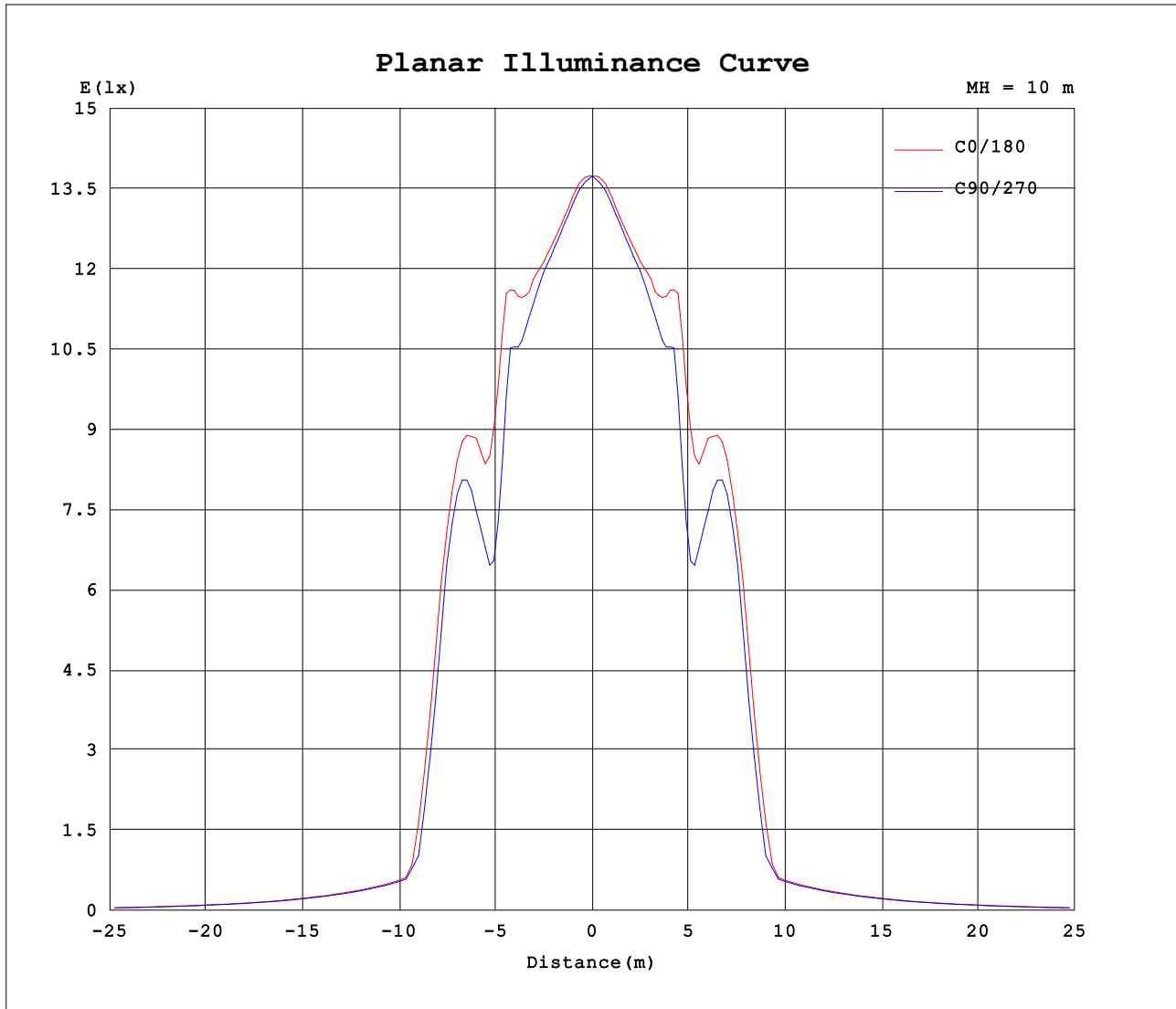
Test:U:120.4V I:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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: 2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	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	1375	1373	1376	1373	1372	1373	1374	1373	1372	1373	1376	1373	1375	1373	1376	1373	1372	1373	1374
5	1362	1361	1357	1354	1352	1350	1348	1350	1352	1354	1357	1361	1362	1361	1357	1354	1352	1350	1348
10	1330	1329	1323	1322	1319	1316	1314	1316	1319	1322	1323	1329	1330	1329	1323	1322	1319	1316	1314
15	1336	1331	1325	1317	1312	1307	1306	1307	1312	1317	1325	1331	1336	1331	1325	1317	1312	1307	1306
20	1382	1324	1294	1281	1272	1269	1285	1269	1272	1281	1294	1324	1382	1324	1294	1281	1272	1269	1285
25	1446	1253	1124	1083	1045	1059	1122	1059	1045	1083	1124	1253	1446	1253	1124	1083	1045	1059	1122
30	1321	1103	999	935	944	984	1099	984	944	935	999	1103	1321	1103	999	935	944	984	1099
35	1533	1492	1396	1332	1325	1349	1417	1349	1325	1332	1396	1492	1533	1492	1396	1332	1325	1349	1417
40	827	831	797	785	729	709	647	709	729	785	797	831	827	831	797	785	729	709	647
45	161	160	160	158	157	156	154	156	157	158	160	160	161	160	160	158	157	156	154
50	148	147	147	146	145	144	142	144	145	146	147	147	148	147	147	146	145	144	142
55	137	137	136	135	134	133	131	133	134	135	136	137	137	137	136	135	134	133	131
60	125	125	124	123	122	121	120	121	122	123	124	125	125	125	124	123	122	121	120
65	111	111	110	110	108	107	106	107	108	110	110	111	111	111	110	110	108	107	106
70	95.3	94.8	93.9	93.2	91.9	90.9	89.3	90.9	91.9	93.2	93.9	94.8	95.3	94.8	93.9	93.2	91.9	90.9	89.3
75	77.1	76.7	75.8	75.1	73.8	72.8	71.1	72.8	73.8	75.1	75.8	76.7	77.1	76.7	75.8	75.1	73.8	72.8	71.1
80	55.4	55.4	54.5	53.9	52.5	51.5	49.7	51.5	52.5	53.9	54.5	55.4	55.4	55.4	54.5	53.9	52.5	51.5	49.7
85	29.0	29.2	28.2	27.6	26.0	25.0	23.2	25.0	26.0	27.6	28.2	29.2	29.0	29.2	28.2	27.6	26.0	25.0	23.2
90	0.72	0.73	0.17	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.17	0.73	0.72	0.73	0.17	0.00	0.01	0.00	0.01
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	0.05	0.01	0.05	0.02	0.06	0.02	0.06	0.02	0.05	0.01	0.05	0.00	0.05	0.01	0.05	0.02	0.06	0.02
120	0.12	0.17	0.13	0.18	0.13	0.19	0.15	0.19	0.13	0.18	0.13	0.17	0.12	0.17	0.13	0.18	0.13	0.19	0.15
125	0.24	0.30	0.26	0.30	0.25	0.30	0.26	0.30	0.25	0.30	0.26	0.30	0.24	0.30	0.26	0.30	0.25	0.30	0.26
130	0.37	0.43	0.40	0.45	0.40	0.44	0.40	0.44	0.40	0.45	0.40	0.43	0.37	0.43	0.40	0.45	0.40	0.44	0.40
135	0.52	0.58	0.55	0.58	0.56	0.59	0.58	0.59	0.56	0.58	0.55	0.58	0.52	0.58	0.55	0.58	0.56	0.59	0.58
140	0.64	0.71	0.67	0.71	0.68	0.71	0.66	0.71	0.68	0.71	0.67	0.71	0.64	0.71	0.67	0.71	0.68	0.71	0.66
145	0.75	0.81	0.78	0.81	0.78	0.82	0.79	0.82	0.78	0.81	0.78	0.81	0.75	0.81	0.78	0.81	0.78	0.82	0.79
150	0.83	0.89	0.86	0.90	0.88	0.91	0.88	0.91	0.88	0.90	0.86	0.89	0.83	0.89	0.86	0.90	0.88	0.91	0.88
155	0.88	0.94	0.92	0.95	0.94	0.96	0.94	0.96	0.94	0.95	0.92	0.94	0.88	0.94	0.92	0.95	0.94	0.96	0.94
160	0.94	1.01	0.98	1.04	1.02	1.04	1.02	1.04	1.02	1.04	0.98	1.01	0.94	1.01	0.98	1.04	1.02	1.04	1.02
165	1.10	1.15	1.12	1.17	1.14	1.18	1.14	1.18	1.14	1.17	1.12	1.15	1.10	1.15	1.12	1.17	1.14	1.18	1.14
170	1.24	1.29	1.27	1.32	1.28	1.32	1.27	1.32	1.28	1.32	1.27	1.29	1.24	1.29	1.27	1.32	1.28	1.32	1.27
175	1.40	1.44	1.41	1.45	1.42	1.45	1.41	1.45	1.42	1.45	1.41	1.44	1.40	1.44	1.41	1.45	1.42	1.45	1.41
180	1.51	1.51	1.50	1.51	1.50	1.50	1.51	1.50	1.50	1.51	1.50	1.51	1.51	1.51	1.50	1.51	1.50	1.50	1.51

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2724A P:32.62W PF:0.9944 Lamp Flux:2294.38x1 lm		
NAME: ADL 30W ADR4WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1373	1372	1373	1376	1373														
5	1350	1352	1354	1357	1361														
10	1316	1319	1322	1323	1329														
15	1307	1312	1317	1325	1331														
20	1269	1272	1281	1294	1324														
25	1059	1045	1083	1124	1253														
30	984	944	935	999	1103														
35	1349	1325	1332	1396	1492														
40	709	729	785	797	831														
45	156	157	158	160	160														
50	144	145	146	147	147														
55	133	134	135	136	137														
60	121	122	123	124	125														
65	107	108	110	110	111														
70	90.9	91.9	93.2	93.9	94.8														
75	72.8	73.8	75.1	75.8	76.7														
80	51.5	52.5	53.9	54.5	55.4														
85	25.0	26.0	27.6	28.2	29.2														
90	0.00	0.01	0.00	0.17	0.73														
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	0.06	0.02	0.05	0.01	0.05														
120	0.19	0.13	0.18	0.13	0.17														
125	0.30	0.25	0.30	0.26	0.30														
130	0.44	0.40	0.45	0.40	0.43														
135	0.59	0.56	0.58	0.55	0.58														
140	0.71	0.68	0.71	0.67	0.71														
145	0.82	0.78	0.81	0.78	0.81														
150	0.91	0.88	0.90	0.86	0.89														
155	0.96	0.94	0.95	0.92	0.94														
160	1.04	1.02	1.04	0.98	1.01														
165	1.18	1.14	1.17	1.12	1.15														
170	1.32	1.28	1.32	1.27	1.29														
175	1.45	1.42	1.45	1.41	1.44														
180	1.50	1.50	1.51	1.50	1.51														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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: