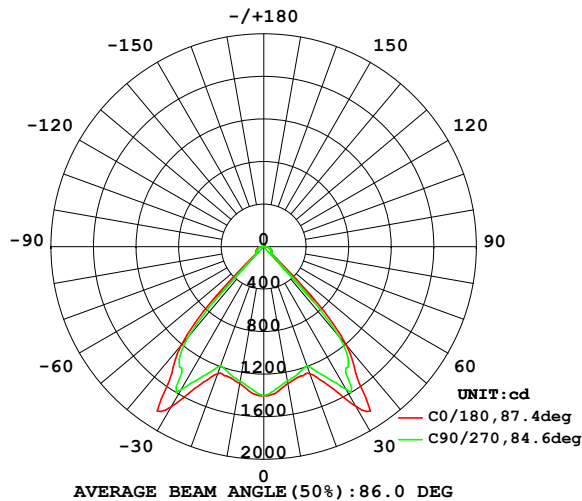


LUMINAIRE PHOTOMETRIC TEST REPORT

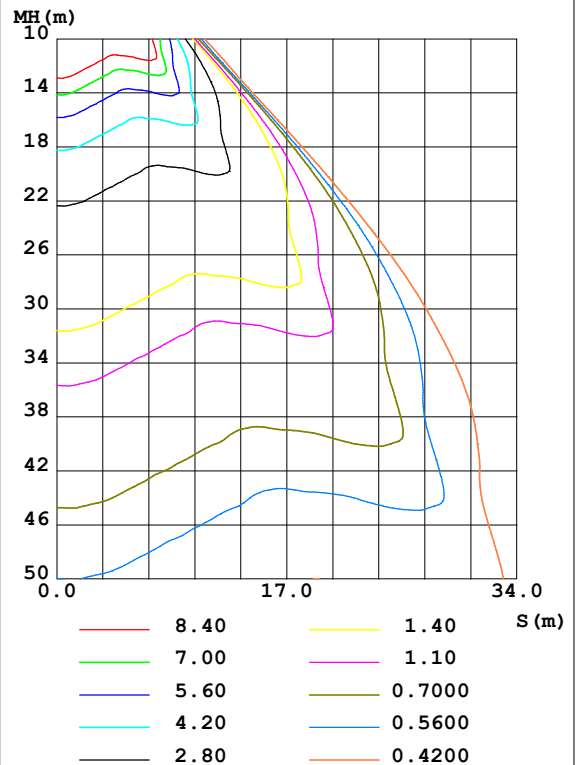
Test:U:120.4V I:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.96 lm/W			
MODEL		Imax (cd)	1842	S/MH (C0/180)	1.30
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	2535.4	η UP,DN (C0-180)	0.0,50.0
NOMINAL FLUX(lm)	2535.43	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.0
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	0.90

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	1305	1296	1283	1296	1305	1296	1283	1296	0- 10	127.6	127.6	5.03
20	1271	1190	1193	1190	1271	1190	1193	1190	10- 20	353.6	481.2	19
30	1736	1368	1546	1368	1736	1368	1546	1368	20- 30	594.2	1075	42.4
40	1212	1213	1102	1213	1212	1213	1102	1213	30- 40	866.5	1942	76.6
50	95.95	95.36	92.44	95.36	95.95	95.36	92.44	95.36	40- 50	358.5	2300	90.7
60	82.02	81.24	78.12	81.24	82.02	81.24	78.12	81.24	50- 60	78.79	2379	93.8
70	66.31	65.06	61.56	65.06	66.31	65.06	61.56	65.06	60- 70	72.45	2452	96.7
80	43.40	41.50	37.04	41.50	43.40	41.50	37.04	41.50	70- 80	56.72	2508	98.9
90	3.834	1.352	0.0034	1.352	3.834	1.352	0.0034	1.352	80- 90	24.65	2533	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0861	2533	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2533	99.9
120	0.1384	0.2083	0.1941	0.2083	0.1384	0.2083	0.1941	0.2083	110-120	0.0668	2533	99.9
130	0.4230	0.4858	0.4785	0.4858	0.4230	0.4858	0.4785	0.4858	120-130	0.2905	2533	99.9
140	0.7008	0.7707	0.7494	0.7707	0.7008	0.7707	0.7494	0.7707	130-140	0.4769	2534	99.9
150	0.9088	0.9578	0.9784	0.9578	0.9088	0.9578	0.9784	0.9578	140-150	0.5363	2534	100
160	1.027	1.097	1.103	1.097	1.027	1.097	1.103	1.097	150-160	0.4641	2535	100
170	1.415	1.471	1.464	1.471	1.415	1.471	1.464	1.471	160-170	0.3516	2535	100
180	1.686	1.679	1.686	1.679	1.686	1.679	1.686	1.679	170-180	0.1489	2535	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

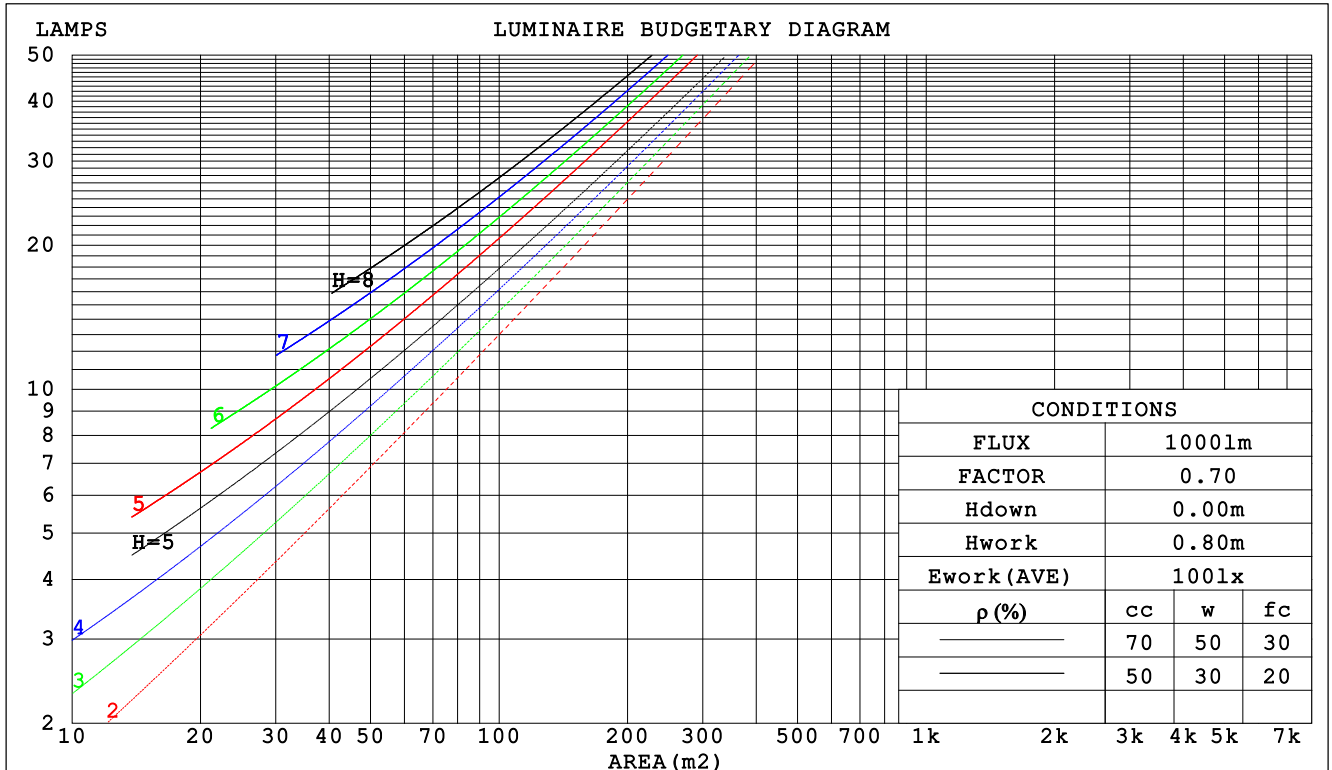
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 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	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	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.98	.93	.89	.96	.91	.87	.93	.89	.85	.90	.86	.84	.87	.84	.82	.80
3.0	.89	.83	.78	.88	.82	.77	.85	.80	.76	.82	.78	.75	.80	.76	.73	.72
4.0	.81	.74	.69	.80	.74	.69	.78	.72	.68	.76	.71	.67	.74	.70	.66	.64
5.0	.75	.67	.62	.73	.67	.62	.72	.66	.61	.70	.65	.60	.68	.63	.60	.58
6.0	.68	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.55	.63	.58	.54	.53
7.0	.63	.56	.50	.62	.55	.50	.61	.55	.50	.60	.54	.50	.58	.53	.49	.48
8.0	.58	.51	.46	.58	.51	.46	.56	.50	.46	.55	.49	.45	.54	.49	.45	.43
9.0	.54	.47	.42	.53	.46	.42	.52	.46	.42	.51	.46	.41	.50	.45	.41	.40
10.0	.50	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.42	.38	.36



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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 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	.230	.131	.042	.224	.128	.041	.211	.121	.039	.199	.115	.037	.188	.109	.035		
2.0	.219	.120	.037	.213	.117	.036	.202	.112	.035	.192	.108	.034	.182	.103	.033		
3.0	.207	.110	.033	.202	.108	.033	.192	.104	.032	.183	.100	.031	.175	.097	.030		
4.0	.195	.102	.030	.191	.100	.030	.182	.097	.029	.175	.094	.028	.167	.091	.028		
5.0	.185	.094	.027	.181	.093	.027	.173	.090	.027	.166	.088	.026	.160	.085	.026		
6.0	.175	.088	.025	.172	.087	.025	.165	.085	.025	.159	.082	.024	.153	.081	.024		
7.0	.166	.082	.023	.163	.081	.023	.157	.079	.023	.152	.078	.023	.146	.076	.022		
8.0	.158	.077	.022	.155	.076	.022	.150	.075	.021	.145	.073	.021	.140	.072	.021		
9.0	.150	.073	.020	.148	.072	.020	.143	.071	.020	.138	.069	.020	.134	.068	.020		
10.0	.143	.069	.019	.141	.068	.019	.137	.067	.019	.133	.066	.019	.129	.065	.019		

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	.158	.141	.150	.135	.122	.103	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.163	.133	.108	.140	.114	.093	.096	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.153	.115	.084	.131	.099	.073	.090	.069	.051	.052	.040	.030	.017	.013	.010	
4.0	.144	.101	.067	.124	.087	.058	.085	.061	.041	.049	.035	.024	.016	.012	.008	
5.0	.137	.090	.055	.117	.077	.048	.081	.054	.034	.047	.032	.020	.015	.010	.007	
6.0	.130	.081	.045	.112	.070	.040	.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	.068	.038	.018	.039	.023	.011	.013	.007	.004	
10.0	.108	.059	.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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm										
NAME: ADL 30W ADR6WH 80°					TYPE:LED			WEIGHT:		
SPEC.:ADL 30W ADR6WH 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	13.5	14.7	13.8	14.9	15.1	12.6	13.9	12.9	14.0	14.2
3H	13.7	14.8	13.9	15.0	15.2	12.8	14.0	13.1	14.2	14.4
4H	13.8	14.9	14.1	15.1	15.4	13.0	14.1	13.3	14.3	14.6
6H	14.1	15.1	14.4	15.3	15.6	13.3	14.3	13.6	14.5	14.8
8H	14.2	15.2	14.5	15.4	15.7	13.4	14.3	13.7	14.6	14.9
12H	14.3	15.2	14.7	15.5	15.8	13.5	14.4	13.8	14.7	14.9
4H 2H	13.4	14.4	13.6	14.6	14.9	12.5	13.6	12.8	13.8	14.0
3H	13.7	14.6	14.0	14.8	15.1	12.9	13.8	13.2	14.1	14.4
4H	14.0	14.8	14.3	15.1	15.4	13.3	14.1	13.6	14.4	14.7
6H	14.4	15.1	14.8	15.5	15.8	13.7	14.4	14.1	14.7	15.1
8H	14.6	15.3	15.0	15.7	16.0	13.9	14.5	14.3	14.9	15.3
12H	14.9	15.5	15.3	15.8	16.2	14.0	14.6	14.5	15.0	15.4
8H 4H	14.1	14.7	14.5	15.1	15.5	13.4	14.1	13.8	14.4	14.8
6H	14.7	15.2	15.1	15.6	16.0	14.0	14.5	14.4	14.9	15.4
8H	15.0	15.5	15.4	15.9	16.4	14.3	14.8	14.7	15.2	15.7
12H	15.3	15.8	15.8	16.2	16.7	14.6	15.0	15.0	15.4	15.9
12H 4H	14.1	14.7	14.5	15.1	15.5	13.4	14.0	13.8	14.4	14.8
6H	14.7	15.2	15.2	15.6	16.1	14.1	14.5	14.5	15.0	15.4
8H	15.1	15.5	15.6	16.0	16.4	14.4	14.8	14.9	15.3	15.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.7 / - 2.5					+ 1.8 / - 2.6				
1.5H	+ 3.3 / - 2.6					+ 3.5 / - 2.6				
2.0H	+ 2.6 / - 0.5					+ 0.5 / - 0.3				

CIE Pub.117 Corrected 2535 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.2)

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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	77	69	64	77	69	64	76	68	64	59
0.80	86	78	73	85	78	73	84	77	72	68
1.00	92	84	80	91	84	79	89	84	79	74
1.25	97	90	85	96	89	85	93	88	84	79
1.50	100	94	89	99	93	89	96	92	88	82
2.00	104	99	95	103	98	94	100	96	92	86
2.50	107	102	98	105	100	97	102	98	95	88
3.00	109	104	101	107	103	99	103	100	97	90
4.00	111	107	104	109	106	103	105	103	100	93
5.00	113	110	107	111	108	105	106	104	102	94
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:2018-05-30

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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2244.8 lm

%lum = 88.5%

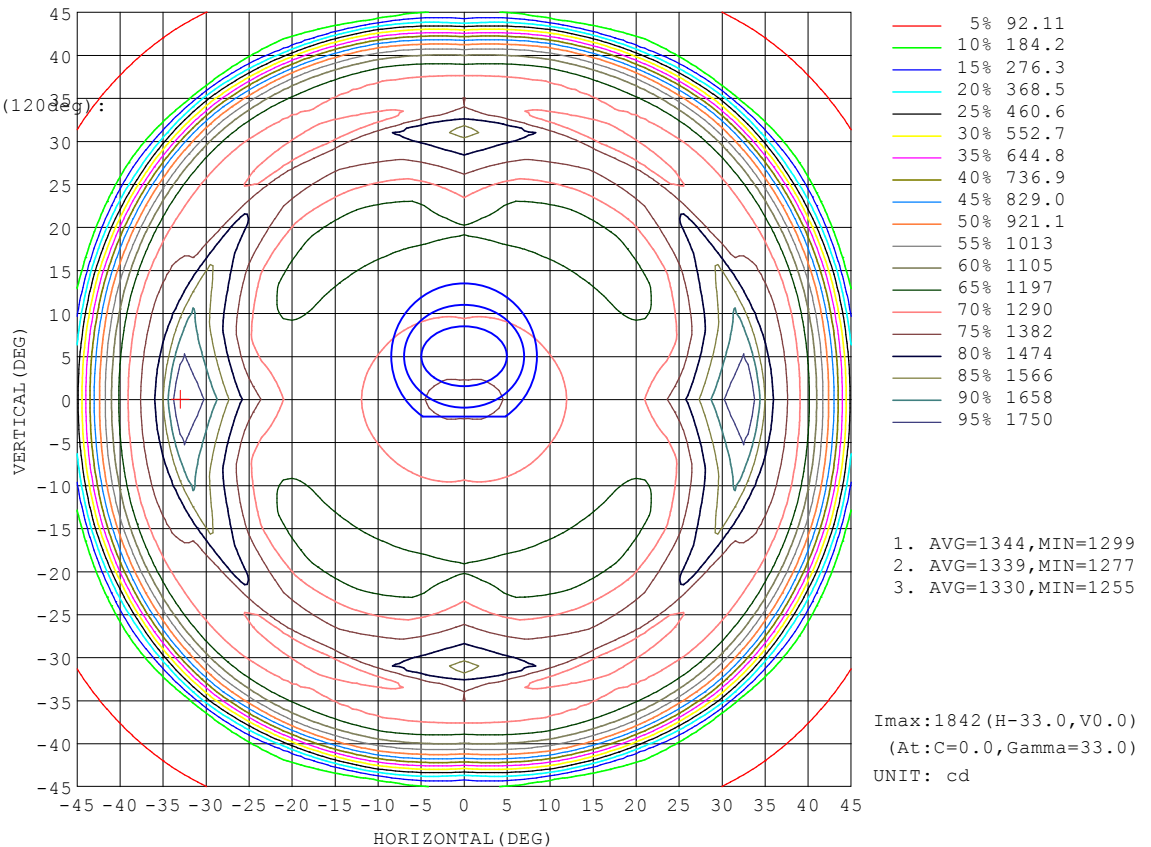
%lamp = 88.5%

Conical surface Flux(120deg):

2379.2 lm

%lum = 93.8%

%lamp = 93.8%

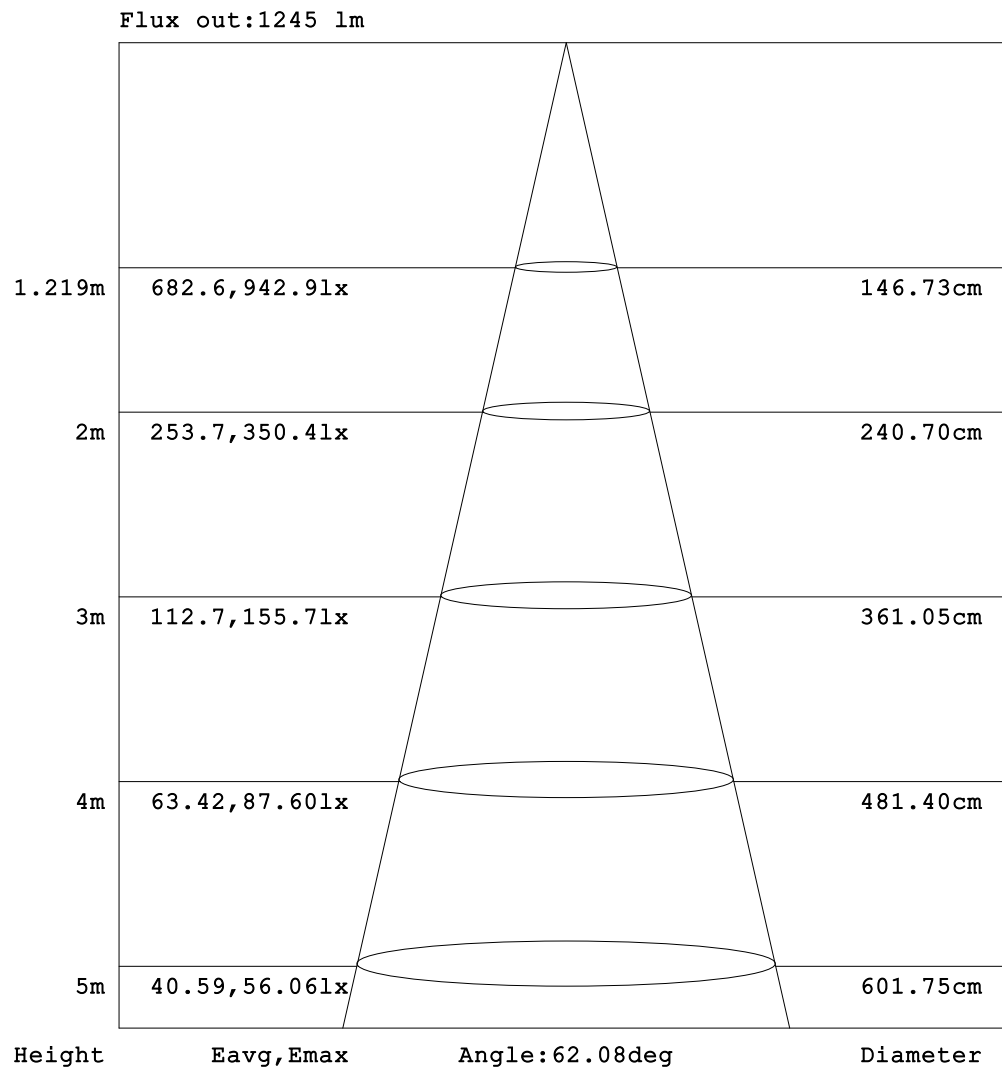


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-30

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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



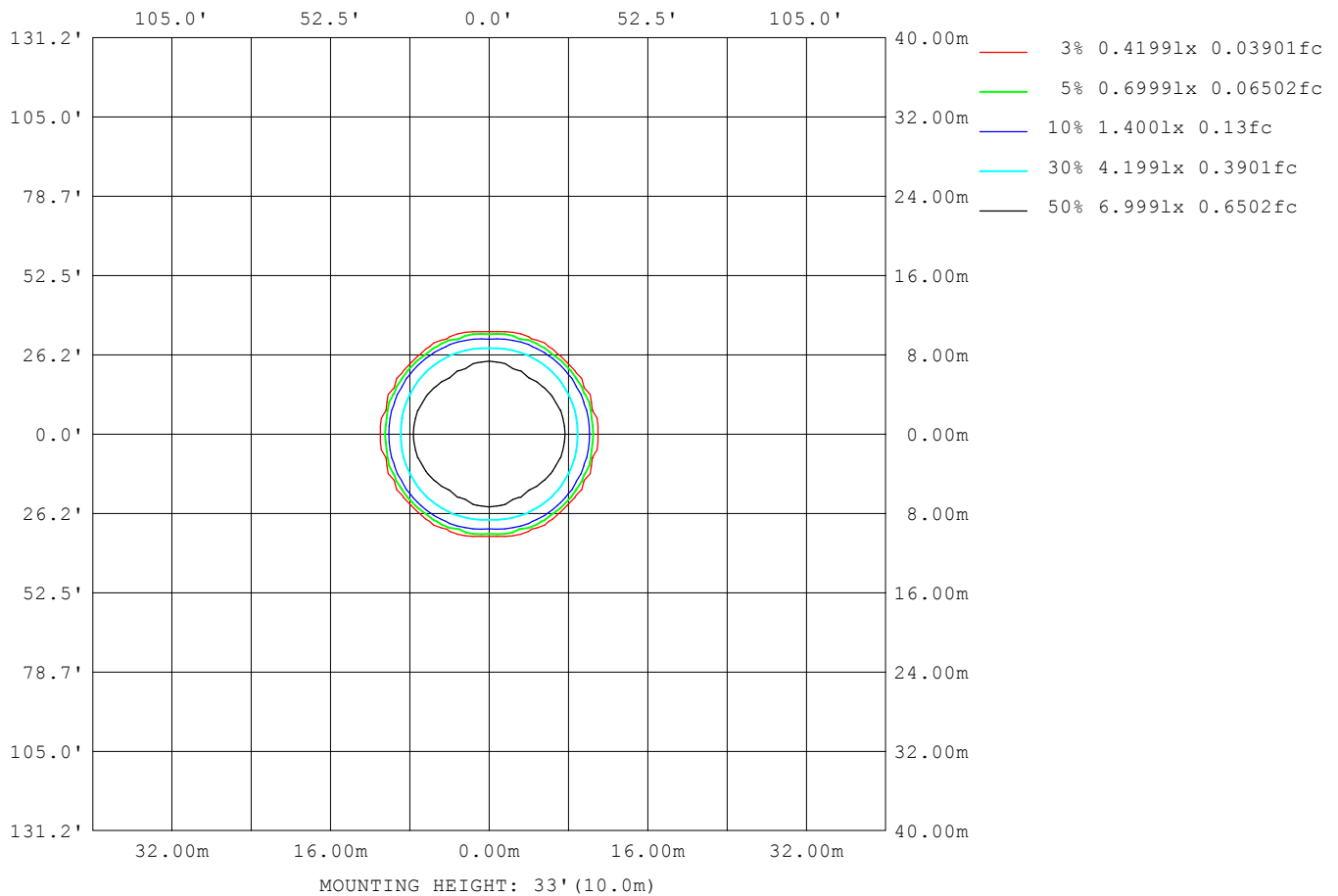
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

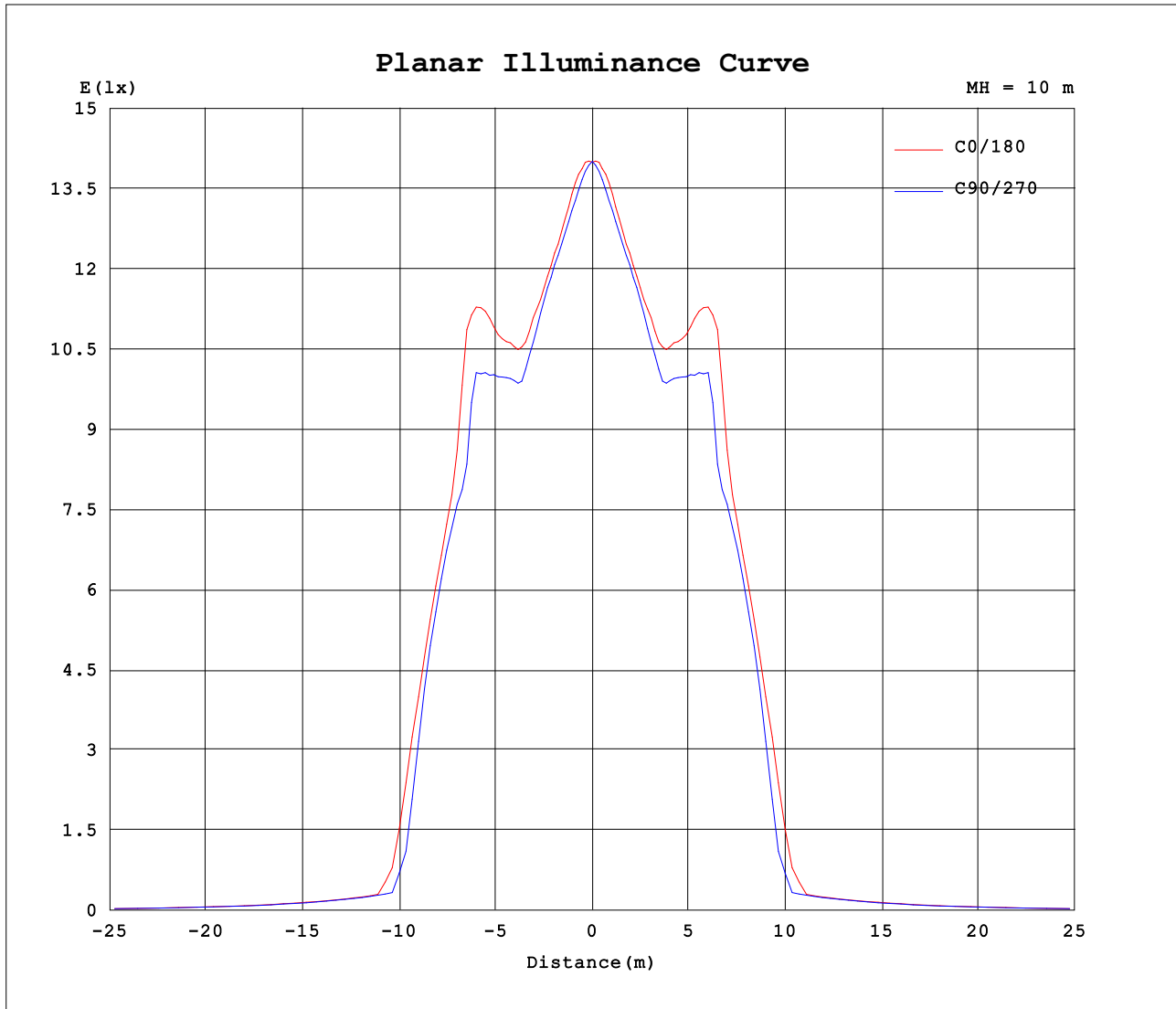
Test:U:120.4V I:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 80°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm																		
NAME: ADL 30W ADR6WH 80°									TYPE:LED					WEIGHT:				
SPEC.:ADL 30W ADR6WH 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	1400	1399	1399	1398	1399	1398	1401	1398	1399	1398	1399	1399	1400	1399	1399	1398	1399	1398	1401
5	1377	1371	1366	1360	1354	1351	1343	1351	1354	1360	1366	1371	1377	1371	1366	1360	1354	1351	1343
10	1305	1304	1301	1296	1293	1288	1283	1288	1293	1296	1301	1304	1305	1304	1301	1296	1293	1288	1283
15	1268	1266	1262	1257	1250	1243	1240	1243	1250	1257	1262	1266	1268	1266	1262	1257	1250	1243	1240
20	1271	1229	1204	1190	1179	1176	1193	1176	1179	1190	1204	1229	1271	1229	1204	1190	1179	1176	1193
25	1437	1265	1191	1174	1194	1234	1340	1234	1194	1174	1191	1265	1437	1265	1191	1174	1194	1234	1340
30	1736	1522	1423	1368	1377	1426	1546	1426	1377	1368	1423	1522	1736	1522	1423	1368	1377	1426	1546
35	1567	1471	1335	1269	1270	1307	1383	1307	1270	1269	1335	1471	1567	1471	1335	1269	1270	1307	1383
40	1212	1228	1218	1213	1181	1164	1102	1164	1181	1213	1218	1228	1212	1228	1218	1213	1181	1164	1102
45	433	447	386	370	265	198	199	198	265	370	386	447	433	447	386	370	265	198	199
50	96.0	96.1	95.8	95.4	94.5	93.6	92.4	93.6	94.5	95.4	95.8	96.1	96.0	96.1	95.8	95.4	94.5	93.6	92.4
55	89.2	89.3	88.9	88.5	87.5	86.5	85.3	86.5	87.5	88.5	88.9	89.3	89.2	89.3	88.9	88.5	87.5	86.5	85.3
60	82.0	82.1	81.8	81.2	80.3	79.3	78.1	79.3	80.3	81.2	81.8	82.1	82.0	82.1	81.8	81.2	80.3	79.3	78.1
65	74.7	74.7	74.3	73.7	72.7	71.7	70.5	71.7	72.7	73.7	74.3	74.7	74.7	74.7	74.3	73.7	72.7	71.7	70.5
70	66.3	66.3	65.7	65.1	64.0	62.9	61.6	62.9	64.0	65.1	65.7	66.3	66.3	66.3	65.7	65.1	64.0	62.9	61.6
75	56.2	56.0	55.3	54.6	53.3	52.2	50.7	52.2	53.3	54.6	55.3	56.0	56.2	56.0	55.3	54.6	53.3	52.2	50.7
80	43.4	43.2	42.3	41.5	40.1	38.8	37.0	38.8	40.1	41.5	42.3	43.2	43.4	43.2	42.3	41.5	40.1	38.8	37.0
85	26.3	26.2	25.2	24.3	22.5	21.0	18.7	21.0	22.5	24.3	25.2	26.2	26.3	26.2	25.2	24.3	22.5	21.0	18.7
90	3.83	3.66	2.34	1.35	0.07	0.00	0.00	0.00	0.07	1.35	2.34	3.66	3.83	3.66	2.34	1.35	0.07	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	0.01	0.06	0.02	0.07	0.03	0.08	0.08	0.08	0.03	0.07	0.02	0.06	0.01	0.06	0.02	0.07	0.03	0.08	0.08
120	0.14	0.19	0.15	0.21	0.19	0.23	0.19	0.23	0.19	0.21	0.15	0.19	0.14	0.19	0.15	0.21	0.19	0.23	0.19
125	0.28	0.33	0.31	0.34	0.31	0.36	0.33	0.36	0.31	0.34	0.31	0.33	0.28	0.33	0.31	0.34	0.31	0.36	0.33
130	0.42	0.47	0.44	0.49	0.47	0.51	0.48	0.51	0.47	0.49	0.44	0.47	0.42	0.47	0.44	0.49	0.47	0.51	0.48
135	0.56	0.63	0.58	0.64	0.63	0.66	0.62	0.66	0.63	0.64	0.58	0.63	0.56	0.63	0.58	0.64	0.63	0.66	0.62
140	0.70	0.76	0.73	0.77	0.75	0.78	0.75	0.78	0.75	0.77	0.73	0.76	0.70	0.76	0.73	0.77	0.75	0.78	0.75
145	0.81	0.87	0.83	0.88	0.85	0.90	0.87	0.90	0.85	0.88	0.83	0.87	0.81	0.87	0.83	0.88	0.85	0.90	0.87
150	0.91	0.94	0.92	0.96	0.93	0.99	0.98	0.99	0.93	0.96	0.92	0.94	0.91	0.94	0.92	0.96	0.93	0.99	0.98
155	0.98	0.99	0.99	1.01	0.99	1.05	1.01	1.05	0.99	1.01	0.99	0.99	0.98	0.99	0.99	1.01	0.99	1.05	1.01
160	1.03	1.08	1.05	1.10	1.08	1.13	1.10	1.13	1.08	1.10	1.05	1.08	1.03	1.08	1.05	1.10	1.08	1.13	1.10
165	1.19	1.25	1.21	1.28	1.26	1.31	1.29	1.31	1.26	1.28	1.21	1.25	1.19	1.25	1.21	1.28	1.26	1.31	1.29
170	1.42	1.44	1.42	1.47	1.46	1.50	1.46	1.50	1.46	1.47	1.42	1.44	1.42	1.44	1.42	1.47	1.46	1.50	1.46
175	1.57	1.61	1.59	1.63	1.60	1.63	1.62	1.63	1.60	1.63	1.59	1.61	1.57	1.61	1.59	1.63	1.60	1.63	1.62
180	1.69	1.69	1.68	1.68	1.68	1.68	1.69	1.68	1.68	1.68	1.68	1.69	1.69	1.69	1.68	1.68	1.68	1.68	1.69

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
γ 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:0.2716A P:32.52W PF:0.9944 Lamp Flux:2535.43x1 lm		
NAME: ADL 30W ADR6WH 80°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR6WH 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	1398	1399	1398	1399	1399														
5	1351	1354	1360	1366	1371														
10	1288	1293	1296	1301	1304														
15	1243	1250	1257	1262	1266														
20	1176	1179	1190	1204	1229														
25	1234	1194	1174	1191	1265														
30	1426	1377	1368	1423	1522														
35	1307	1270	1269	1335	1471														
40	1164	1181	1213	1218	1228														
45	198	265	370	386	447														
50	93.6	94.5	95.4	95.8	96.1														
55	86.5	87.5	88.5	88.9	89.3														
60	79.3	80.3	81.2	81.8	82.1														
65	71.7	72.7	73.7	74.3	74.7														
70	62.9	64.0	65.1	65.7	66.3														
75	52.2	53.3	54.6	55.3	56.0														
80	38.8	40.1	41.5	42.3	43.2														
85	21.0	22.5	24.3	25.2	26.2														
90	0.00	0.07	1.35	2.34	3.66														
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	0.03	0.07	0.02	0.06														
120	0.23	0.19	0.21	0.15	0.19														
125	0.36	0.31	0.34	0.31	0.33														
130	0.51	0.47	0.49	0.44	0.47														
135	0.66	0.63	0.64	0.58	0.63														
140	0.78	0.75	0.77	0.73	0.76														
145	0.90	0.85	0.88	0.83	0.87														
150	0.99	0.93	0.96	0.92	0.94														
155	1.05	0.99	1.01	0.99	0.99														
160	1.13	1.08	1.10	1.05	1.08														
165	1.31	1.26	1.28	1.21	1.25														
170	1.50	1.46	1.47	1.42	1.44														
175	1.63	1.60	1.63	1.59	1.61														
180	1.68	1.68	1.68	1.68	1.69														

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: