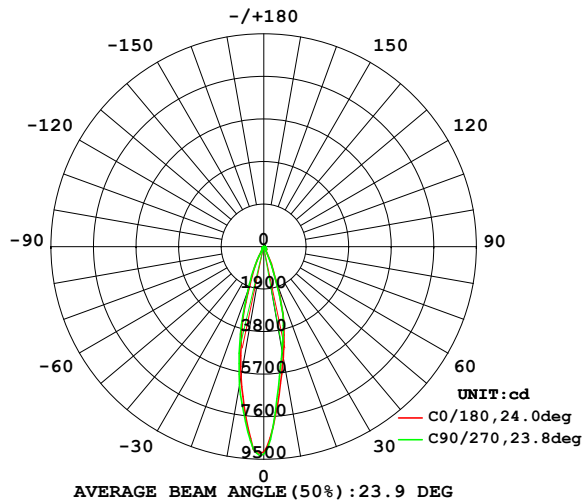


LUMINAIRE PHOTOMETRIC TEST REPORT

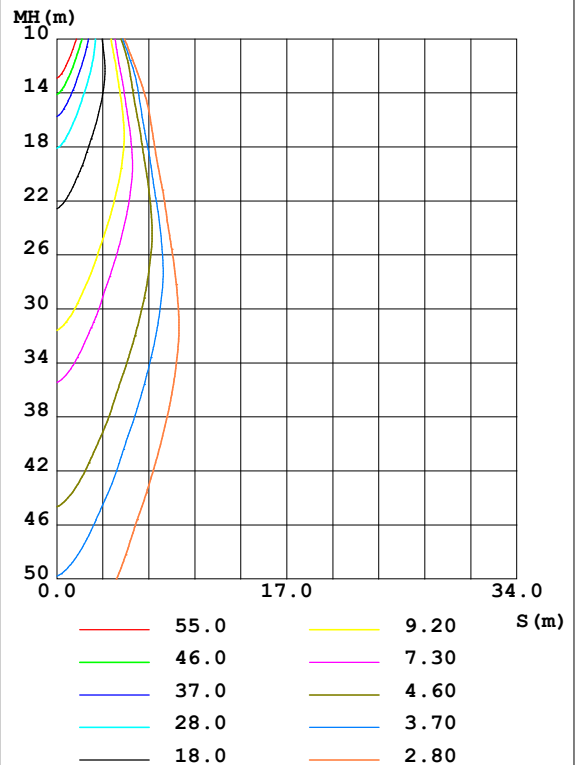
Test:U:120.4V I:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 71.77 lm/W
MODEL		I _{max} (cd)	9375	S/MH (C0/180)	0.43	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH (C90/270)	0.45	
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	2333.2	η UP,DN(C0-180)	0.0,46.4	
NOMINAL FLUX(lm)	2333.18	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.5	
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	120	η down (%)	99.9	CIBSE SHR MAX	1.00	

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	5022	4702	4752	5295	5895	6187	6253	5656	0- 10	656.8	656.8	28.2
20	1597	1454	1541	1682	1877	2053	2061	1844	10- 20	974.3	1631	69.9
30	193.4	183.1	182.3	186.9	186.8	191.5	192.8	197.0	20- 30	348.8	1980	84.9
40	130.3	128.2	128.1	125.6	123.6	127.3	132.7	131.3	30- 40	93.61	2074	88.9
50	87.99	87.76	87.24	85.79	84.22	83.84	85.67	87.52	40- 50	80.93	2154	92.3
60	68.99	68.49	68.04	66.99	65.51	65.06	66.70	68.51	50- 60	68.47	2223	95.3
70	49.17	48.33	47.77	47.31	46.46	46.17	47.73	49.21	60- 70	57.21	2280	97.7
80	25.25	24.42	23.81	23.66	23.62	24.05	25.21	25.64	70- 80	38.45	2319	99.4
90	0.0043	0	0	0	0	0.0029	0	0.0251	80- 90	12.38	2331	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0002	2331	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2331	99.9
120	0	0	0	0	0	0	0	0	110-120	0	2331	99.9
130	0.1276	0.1919	0.1595	0.1534	0.1856	0.1274	0.1666	0.1593	120-130	0.0292	2331	99.9
140	0.6756	0.7477	0.7014	0.7027	0.7407	0.6892	0.6961	0.7139	130-140	0.3137	2331	99.9
150	1.232	1.289	1.251	1.258	1.334	1.289	1.315	1.308	140-150	0.6258	2332	99.9
160	1.506	1.506	1.513	1.487	1.608	1.576	1.608	1.576	150-160	0.6706	2333	100
170	1.302	1.257	1.290	1.263	1.365	1.398	1.404	1.379	160-170	0.4201	2333	100
180	1.213	1.225	1.219	1.225	1.219	1.232	1.225	1.232	170-180	0.1210	2333	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

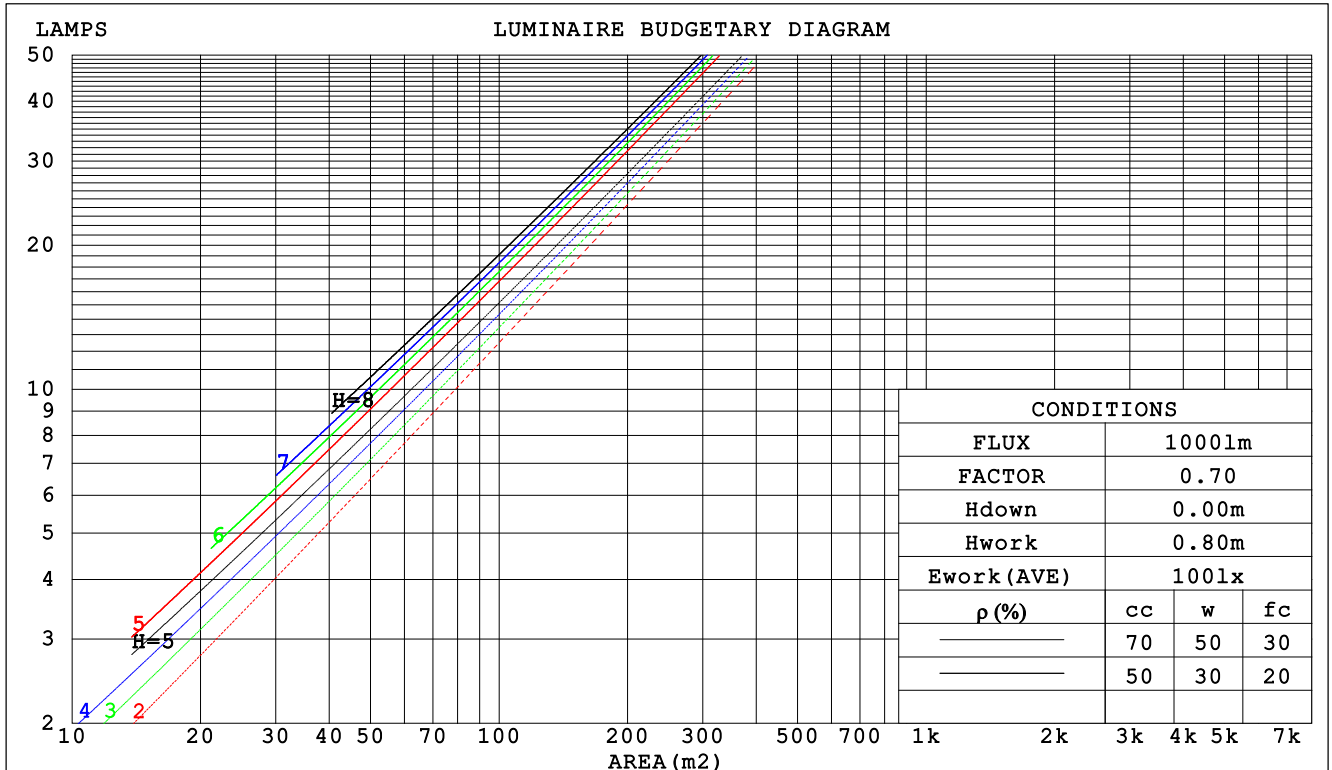
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.98	1.03	.99	.96	.99	.97	.94	.97	.94	.92	.94	.92	.90	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.89	.92	.90	.87	.90	.88	.86	.84
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.85	.83	.87	.84	.82	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.79	.77
6.0	.86	.81	.77	.85	.80	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.73	.80	.76	.73	.79	.75	.73	.72
8.0	.80	.75	.71	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
9.0	.77	.72	.69	.76	.72	.69	.75	.71	.68	.75	.71	.68	.74	.70	.68	.67
10.0	.74	.70	.67	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65



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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	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	.171	.097	.031	.164	.094	.030	.151	.087	.028	.140	.081	.026	.129	.075	.024		
2.0	.158	.086	.027	.152	.084	.026	.142	.079	.024	.132	.074	.023	.123	.070	.022		
3.0	.146	.078	.023	.141	.076	.023	.132	.072	.022	.124	.068	.021	.116	.064	.020		
4.0	.136	.071	.021	.132	.069	.020	.124	.066	.020	.117	.063	.019	.110	.060	.018		
5.0	.127	.065	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017	.105	.056	.017		
6.0	.119	.060	.017	.116	.059	.017	.110	.057	.016	.105	.055	.016	.100	.053	.016		
7.0	.112	.055	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	.096	.050	.015		
8.0	.106	.052	.015	.104	.051	.014	.100	.050	.014	.095	.048	.014	.092	.047	.014		
9.0	.101	.049	.014	.099	.048	.014	.095	.047	.013	.091	.046	.013	.088	.045	.013		
10.0	.096	.046	.013	.094	.046	.013	.091	.044	.013	.088	.043	.012	.084	.042	.012		

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	.171	.158	.146	.147	.136	.126	.100	.093	.087	.058	.054	.051	.018	.017	.016	
2.0	.155	.133	.115	.133	.115	.099	.091	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.141	.114	.093	.121	.099	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.076	.111	.086	.066	.076	.060	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.063	.103	.075	.055	.071	.053	.039	.041	.031	.023	.013	.010	.008	
6.0	.111	.077	.054	.095	.067	.047	.066	.047	.033	.038	.028	.020	.012	.009	.006	
7.0	.103	.070	.046	.089	.060	.040	.061	.042	.028	.036	.025	.017	.012	.008	.006	
8.0	.097	.063	.040	.083	.055	.035	.058	.038	.024	.034	.023	.015	.011	.007	.005	
9.0	.091	.057	.035	.079	.050	.030	.054	.035	.021	.032	.021	.013	.010	.007	.004	
10.0	.086	.053	.030	.074	.046	.027	.052	.032	.019	.030	.019	.011	.010	.006	.004	

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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm										
NAME: ADL 30W ADR4WH 25°					TYPE:LED			WEIGHT:		
SPEC.:ADL 30W ADR4WH 25°					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	4.9	5.7	5.1	5.8	6.0	4.8	5.6	5.0	5.8	5.9
3H	6.7	7.5	7.0	7.7	7.9	6.7	7.4	6.9	7.6	7.8
4H	7.6	8.3	7.9	8.5	8.7	7.5	8.2	7.7	8.4	8.6
6H	8.3	9.0	8.6	9.2	9.5	8.1	8.8	8.4	9.1	9.3
8H	8.6	9.2	8.9	9.5	9.7	8.4	9.0	8.7	9.3	9.5
12H	8.7	9.4	9.1	9.6	9.9	8.5	9.2	8.9	9.4	9.7
4H 2H	5.6	6.3	5.9	6.5	6.8	5.6	6.3	5.8	6.5	6.7
3H	7.7	8.3	8.0	8.6	8.8	7.6	8.2	7.9	8.5	8.8
4H	8.7	9.2	9.0	9.5	9.8	8.6	9.1	8.9	9.4	9.7
6H	9.5	10.0	9.9	10.3	10.7	9.3	9.9	9.7	10.2	10.5
8H	9.8	10.3	10.2	10.6	11.0	9.6	10.1	10.0	10.5	10.8
12H	10.0	10.5	10.4	10.8	11.2	9.8	10.3	10.2	10.6	11.0
8H 4H	9.0	9.5	9.4	9.8	10.2	8.9	9.4	9.3	9.8	10.1
6H	10.0	10.4	10.4	10.8	11.2	9.9	10.3	10.3	10.7	11.1
8H	10.4	10.8	10.9	11.2	11.6	10.3	10.6	10.7	11.0	11.5
12H	10.7	11.0	11.2	11.5	11.9	10.5	10.8	11.0	11.3	11.7
12H 4H	9.0	9.5	9.4	9.9	10.2	9.0	9.4	9.4	9.8	10.2
6H	10.1	10.4	10.5	10.9	11.3	10.0	10.3	10.4	10.7	11.2
8H	10.5	10.8	11.0	11.3	11.8	10.4	10.7	10.9	11.1	11.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2333 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:2018-05-31

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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	92	85	82	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	82
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	100	96	93	88
2.00	107	102	99	105	101	98	103	99	96	91
2.50	109	105	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	103	105	103	100	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
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:2018-05-31

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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2117.3 lm

%lum = 90.7%

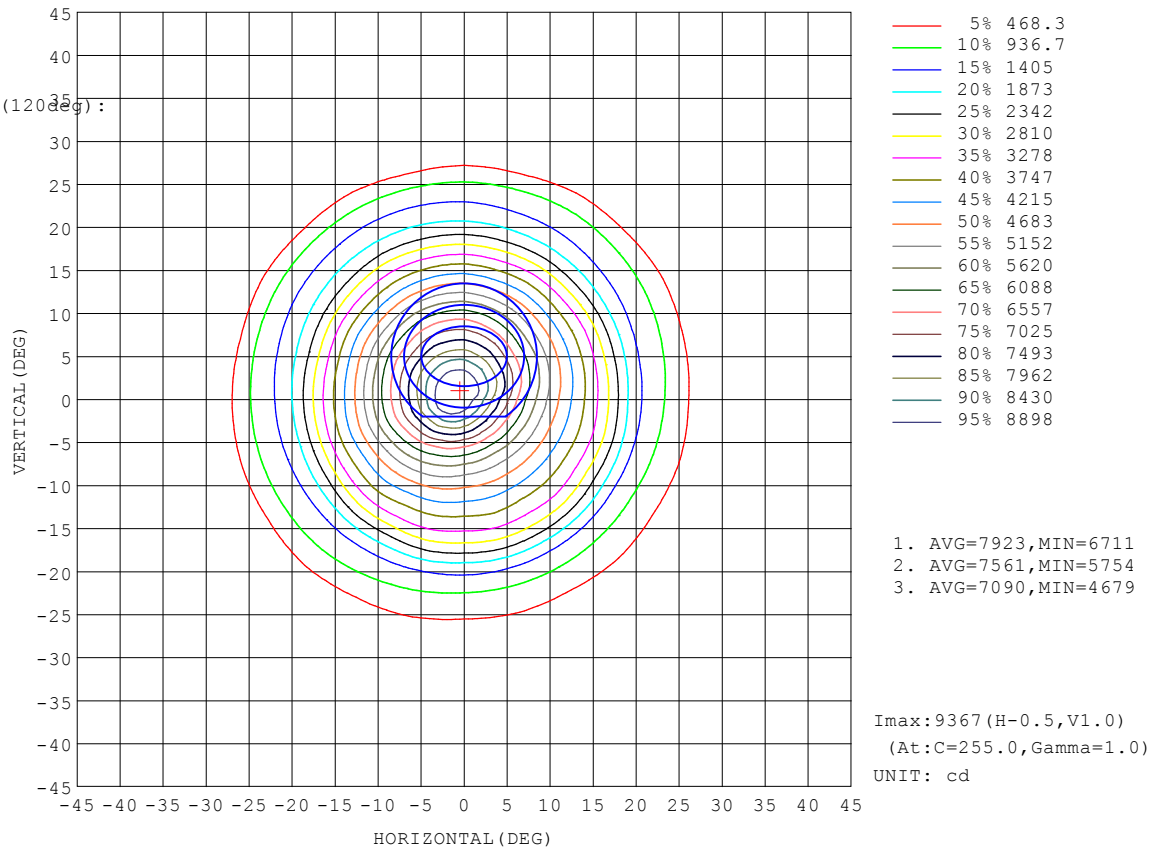
%lamp = 90.7%

Conical surface Flux(120deg):

2223 lm

%lum = 95.3%

%lamp = 95.3%

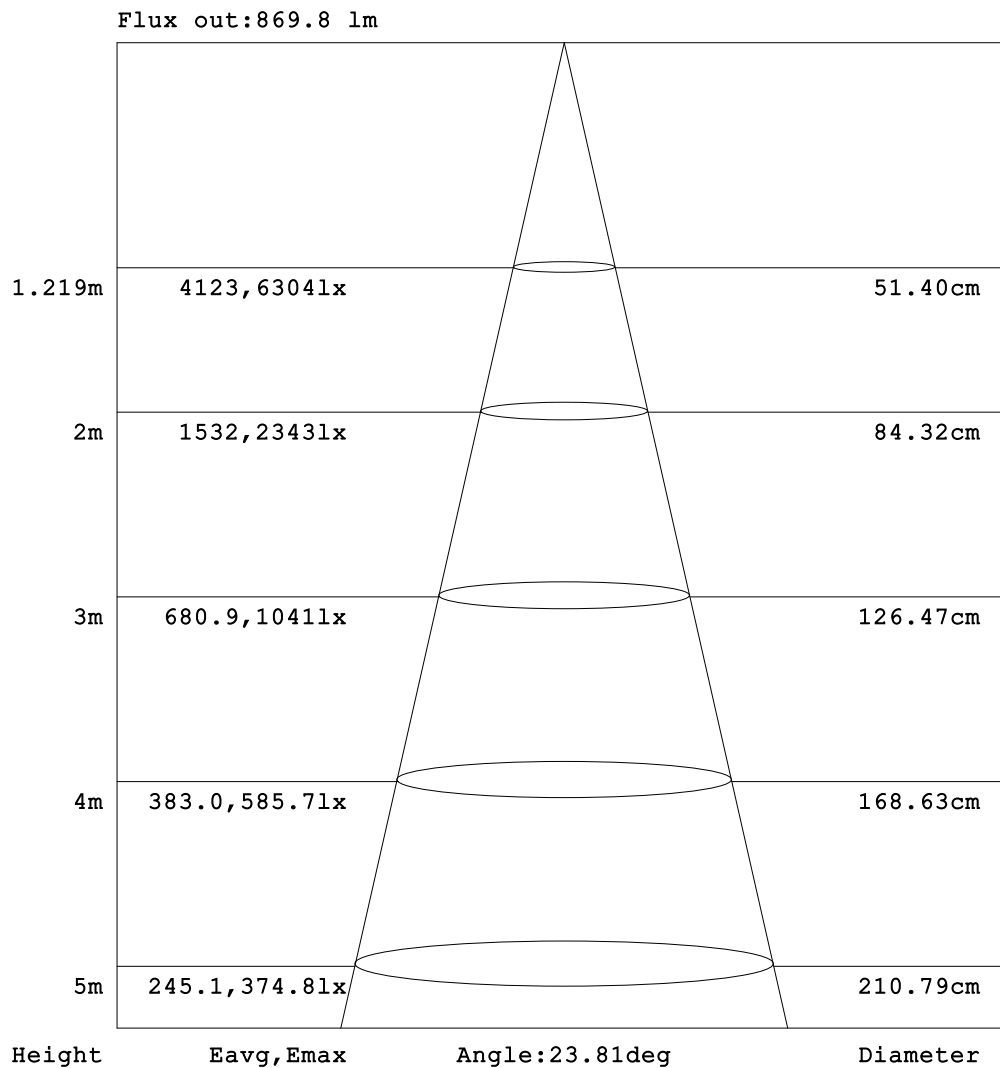


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



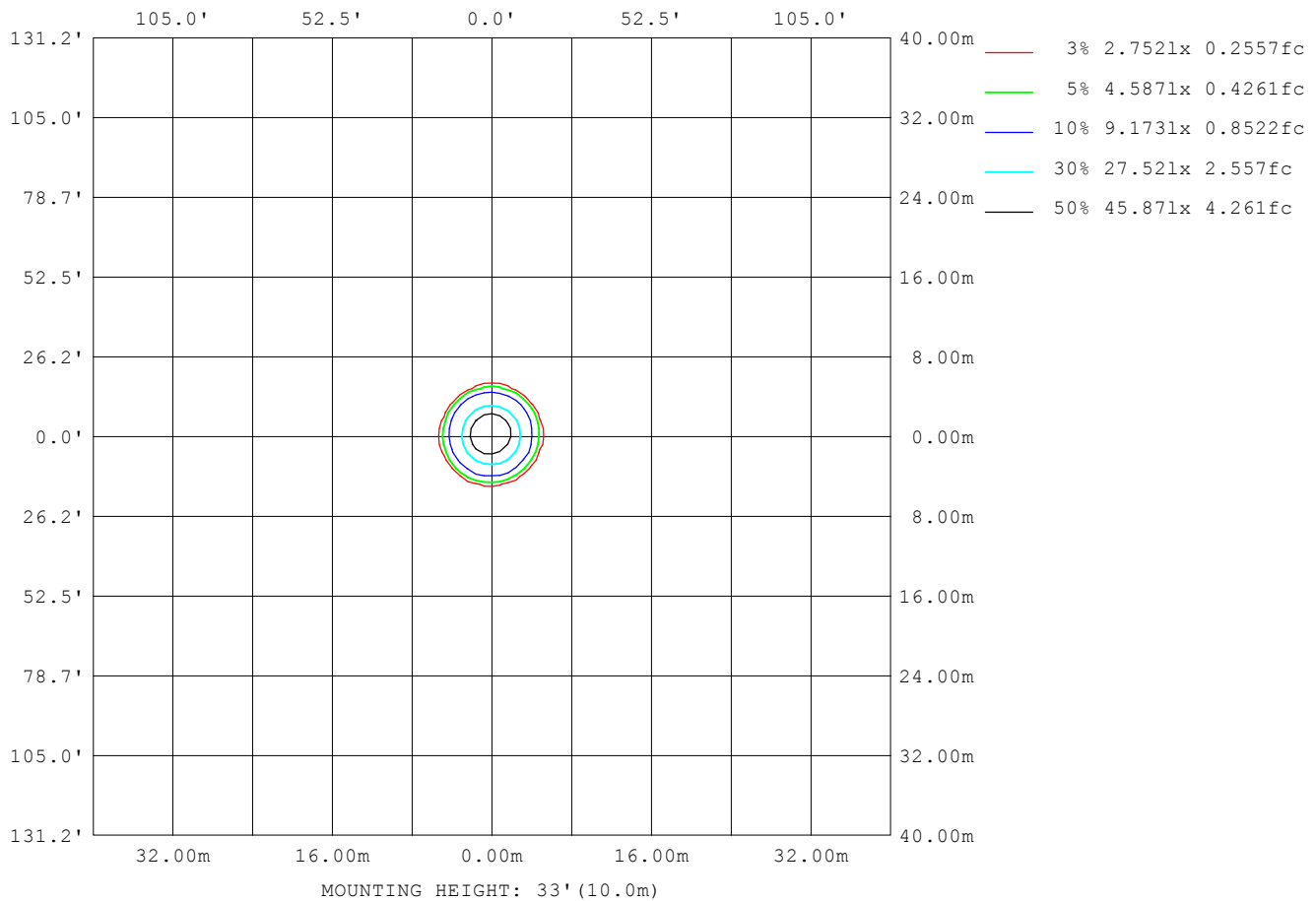
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

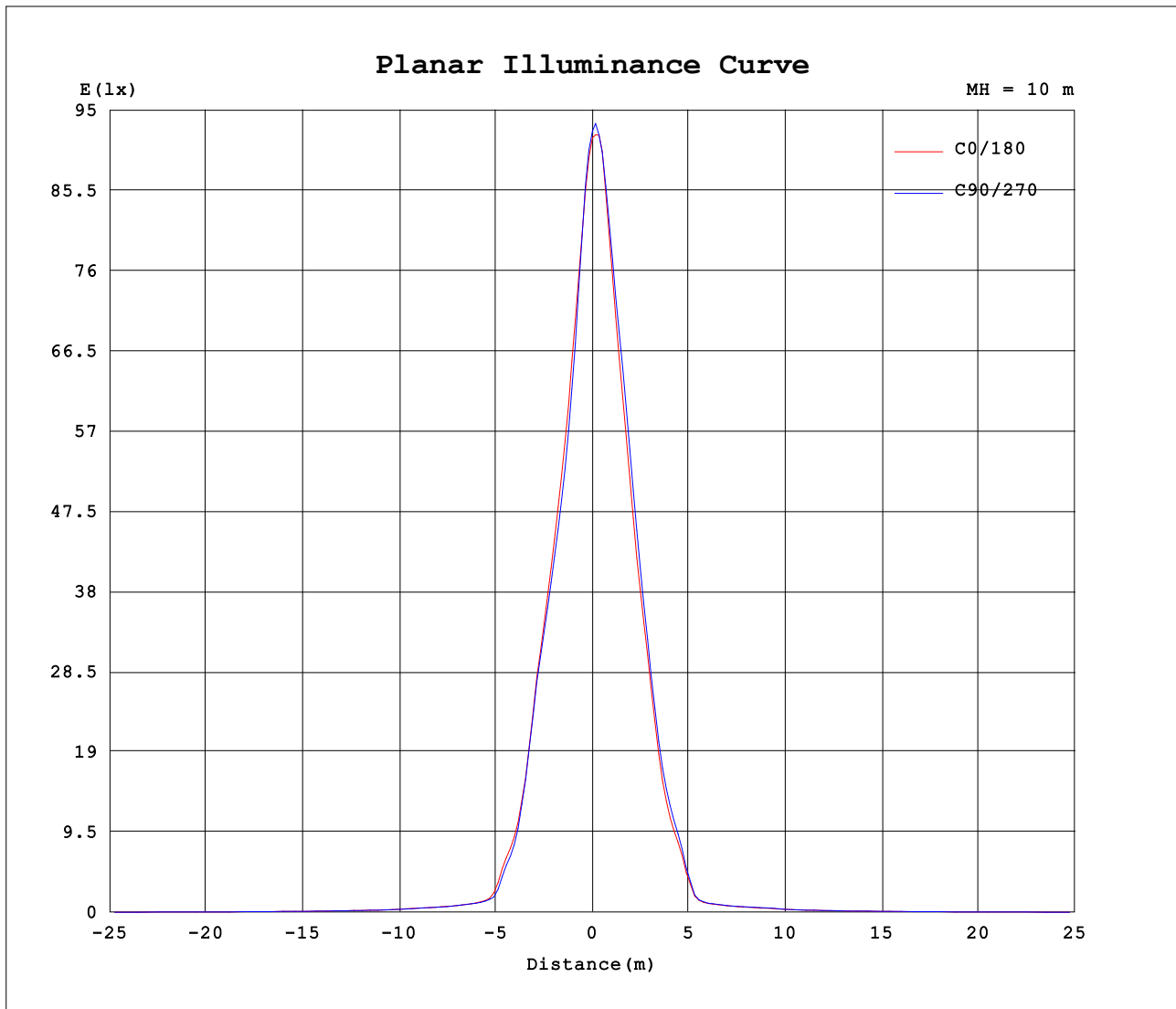
Test:U:120.4V I:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	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	9173	9181	9178	9200	9214	9240	9249	9278	9282	9298	9302	9287	9173	9181	9178	9200	9214	9240	9249
5	7104	6925	6735	6673	6653	6738	6817	7060	7264	7586	7784	8066	8144	8268	8372	8370	8380	8331	8290
10	5022	4853	4758	4702	4682	4715	4752	4923	5100	5295	5511	5780	5895	5991	6149	6187	6303	6287	6253
15	3439	3417	3334	3372	3320	3380	3367	3449	3474	3636	3668	3778	3811	3842	3975	4013	4073	4080	4051
20	1597	1508	1446	1454	1451	1480	1541	1558	1636	1682	1759	1790	1877	1924	2020	2053	2105	2082	2061
25	698	642	571	548	516	546	571	638	692	754	798	864	904	940	983	991	1018	1013	1010
30	193	187	184	183	182	184	182	184	189	187	192	189	187	190	187	191	189	194	193
35	149	148	146	146	146	146	146	146	145	146	146	145	144	142	142	142	144	145	147
40	130	131	128	128	128	127	128	128	125	126	124	123	124	126	129	127	131	133	133
45	102	102	102	102	101	101	100	100	99.6	101	98.9	99.2	100	99.3	100	100.0	102	101	103
50	88.0	88.0	87.8	87.8	87.6	87.6	87.2	86.9	86.3	85.8	85.0	84.5	84.2	83.8	83.8	83.8	84.3	84.8	85.7
55	78.2	78.1	77.9	77.8	77.6	77.6	77.3	77.1	76.5	76.1	75.4	74.9	74.6	74.1	74.0	74.0	74.5	75.0	75.8
60	69.0	68.9	68.6	68.5	68.3	68.3	68.0	67.8	67.4	67.0	66.4	65.8	65.5	65.1	65.0	65.1	65.5	66.0	66.7
65	59.6	59.4	59.0	58.8	58.6	58.6	58.3	58.2	57.8	57.6	57.0	56.6	56.3	55.9	55.9	55.9	56.3	56.8	57.5
70	49.2	48.9	48.5	48.3	48.0	48.0	47.8	47.7	47.4	47.3	46.8	46.7	46.5	46.1	46.1	46.2	46.6	47.0	47.7
75	37.7	37.4	37.0	36.9	36.5	36.5	36.3	36.3	36.0	36.0	35.6	35.6	35.5	35.4	35.5	35.6	36.0	36.4	37.0
80	25.2	25.0	24.6	24.4	24.1	24.1	23.8	23.8	23.6	23.7	23.4	23.5	23.6	23.6	23.9	24.0	24.5	24.7	25.2
85	11.8	11.6	11.1	11.0	10.6	10.6	10.4	10.4	10.2	10.4	10.3	10.6	10.8	10.9	11.3	11.5	11.9	12.0	12.3
90	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	0.02	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	0.00	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
125	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
130	0.13	0.17	0.14	0.19	0.15	0.19	0.16	0.19	0.13	0.15	0.11	0.13	0.19	0.13	0.17	0.13	0.17	0.13	0.17
135	0.38	0.43	0.40	0.44	0.40	0.45	0.41	0.45	0.38	0.40	0.35	0.37	0.42	0.38	0.39	0.38	0.40	0.37	0.40
140	0.68	0.73	0.70	0.75	0.71	0.74	0.70	0.73	0.68	0.70	0.65	0.66	0.74	0.69	0.69	0.69	0.70	0.67	0.70
145	0.98	1.03	1.00	1.04	1.01	1.04	1.01	1.02	0.98	0.99	0.96	0.96	1.06	1.01	1.01	1.00	1.03	1.00	1.03
150	1.23	1.29	1.25	1.29	1.27	1.30	1.25	1.28	1.24	1.26	1.21	1.22	1.33	1.30	1.31	1.29	1.33	1.29	1.32
155	1.42	1.47	1.44	1.46	1.44	1.47	1.44	1.47	1.42	1.44	1.40	1.42	1.54	1.50	1.52	1.50	1.52	1.50	1.53
160	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.49	1.49	1.49	1.47	1.61	1.58	1.58	1.58	1.57	1.58	1.61
165	1.46	1.42	1.44	1.40	1.47	1.43	1.47	1.42	1.44	1.42	1.46	1.43	1.53	1.54	1.52	1.56	1.53	1.58	1.55
170	1.30	1.28	1.29	1.26	1.30	1.26	1.29	1.26	1.28	1.26	1.32	1.30	1.37	1.39	1.36	1.40	1.37	1.42	1.40
175	1.21	1.21	1.20	1.21	1.23	1.20	1.20	1.21	1.21	1.21	1.24	1.21	1.23	1.28	1.26	1.28	1.24	1.28	1.27
180	1.21	1.21	1.21	1.23	1.21	1.22	1.22	1.22	1.22	1.23	1.22	1.21	1.22	1.21	1.22	1.23	1.21	1.22	1.23

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:0.2715A P:32.51W PF:0.9945 Lamp Flux:2333.18x1 lm		
NAME: ADL 30W ADR4WH 25°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 25°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	9278	9282	9298	9302	9287														
5	8130	7998	7831	7664	7444														
10	6109	5921	5656	5497	5255														
15	3936	3887	3735	3669	3547														
20	1971	1922	1844	1725	1670														
25	956	939	870	831	762														
30	196	194	197	196	196														
35	147	149	149	150	149														
40	133	136	131	133	131														
45	102	104	103	103	103														
50	86.4	87.2	87.5	88.0	87.9														
55	76.4	77.2	77.6	78.1	78.0														
60	67.3	68.1	68.5	68.9	68.9														
65	58.1	58.9	59.3	59.7	59.6														
70	48.3	49.0	49.2	49.5	49.3														
75	37.4	37.9	38.0	38.1	37.8														
80	25.4	25.7	25.6	25.8	25.4														
85	12.3	12.5	12.3	12.4	12.0														
90	0.01	0.00	0.03	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	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.01	0.00	0.02	0.00														
130	0.13	0.19	0.16	0.22	0.18														
135	0.38	0.43	0.40	0.46	0.43														
140	0.68	0.73	0.71	0.78	0.75														
145	1.01	1.05	1.03	1.08	1.05														
150	1.29	1.33	1.31	1.35	1.32														
155	1.51	1.54	1.51	1.53	1.51														
160	1.61	1.59	1.58	1.56	1.58														
165	1.58	1.54	1.54	1.49	1.53														
170	1.43	1.38	1.38	1.33	1.38														
175	1.29	1.26	1.30	1.23	1.26														
180	1.23	1.22	1.23	1.23	1.21														

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: