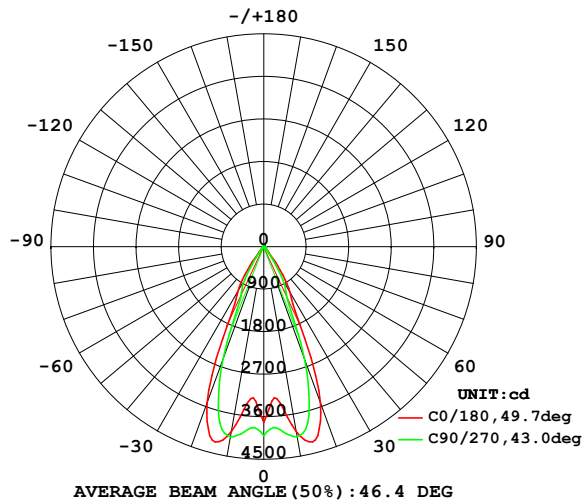


LUMINAIRE PHOTOMETRIC TEST REPORT

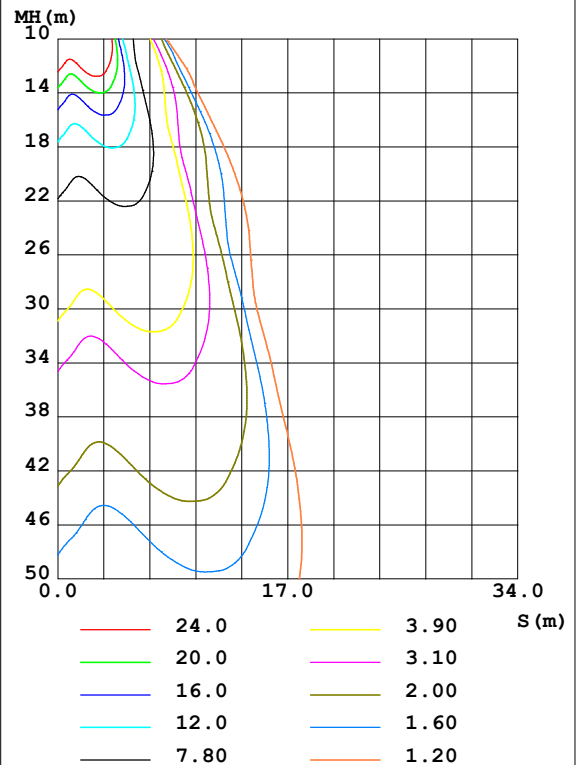
Test:U:120.4V I:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.83 lm/W			
MODEL		I _{max} (cd)	4257	S/MH (C0/180)	0.73
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH (C90/270)	0.62
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	2534.2	η UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	2534.2	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.0
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	3968	3419	4083	3419	3968	3419	4083	3419	0- 10	323.5	323.5	12.8
20	3515	3082	2524	3082	3515	3082	2524	3082	10- 20	1020	1343	53
30	1109	904.4	810.8	904.4	1109	904.4	810.8	904.4	20- 30	744.5	2088	82.4
40	168.8	138.8	122.5	138.8	168.8	138.8	122.5	138.8	30- 40	285.0	2373	93.6
50	49.85	48.79	46.87	48.79	49.85	48.79	46.87	48.79	40- 50	60.37	2433	96
60	38.48	37.32	35.40	37.32	38.48	37.32	35.40	37.32	50- 60	38.49	2471	97.5
70	26.94	25.79	23.93	25.79	26.94	25.79	23.93	25.79	60- 70	31.15	2503	98.8
80	15.35	14.13	12.06	14.13	15.35	14.13	12.06	14.13	70- 80	21.04	2524	99.6
90	2.256	0.5945	0	0.5945	2.256	0.5945	0	0.5945	80- 90	8.183	2532	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0608	2532	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2532	99.9
120	0	0	0	0	0	0	0	0	110-120	0	2532	99.9
130	0.1807	0.2754	0.3218	0.2754	0.1807	0.2754	0.3218	0.2754	120-130	0.0681	2532	99.9
140	0.6646	0.7927	0.8523	0.7927	0.6646	0.7927	0.8523	0.7927	130-140	0.3886	2532	99.9
150	1.181	1.296	1.369	1.296	1.181	1.296	1.369	1.296	140-150	0.6438	2533	99.9
160	1.558	1.618	1.612	1.618	1.558	1.618	1.612	1.618	150-160	0.6781	2534	100
170	1.598	1.605	1.618	1.605	1.598	1.605	1.618	1.605	160-170	0.4568	2534	100
180	1.686	1.712	1.706	1.712	1.686	1.712	1.706	1.712	170-180	0.1551	2534	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

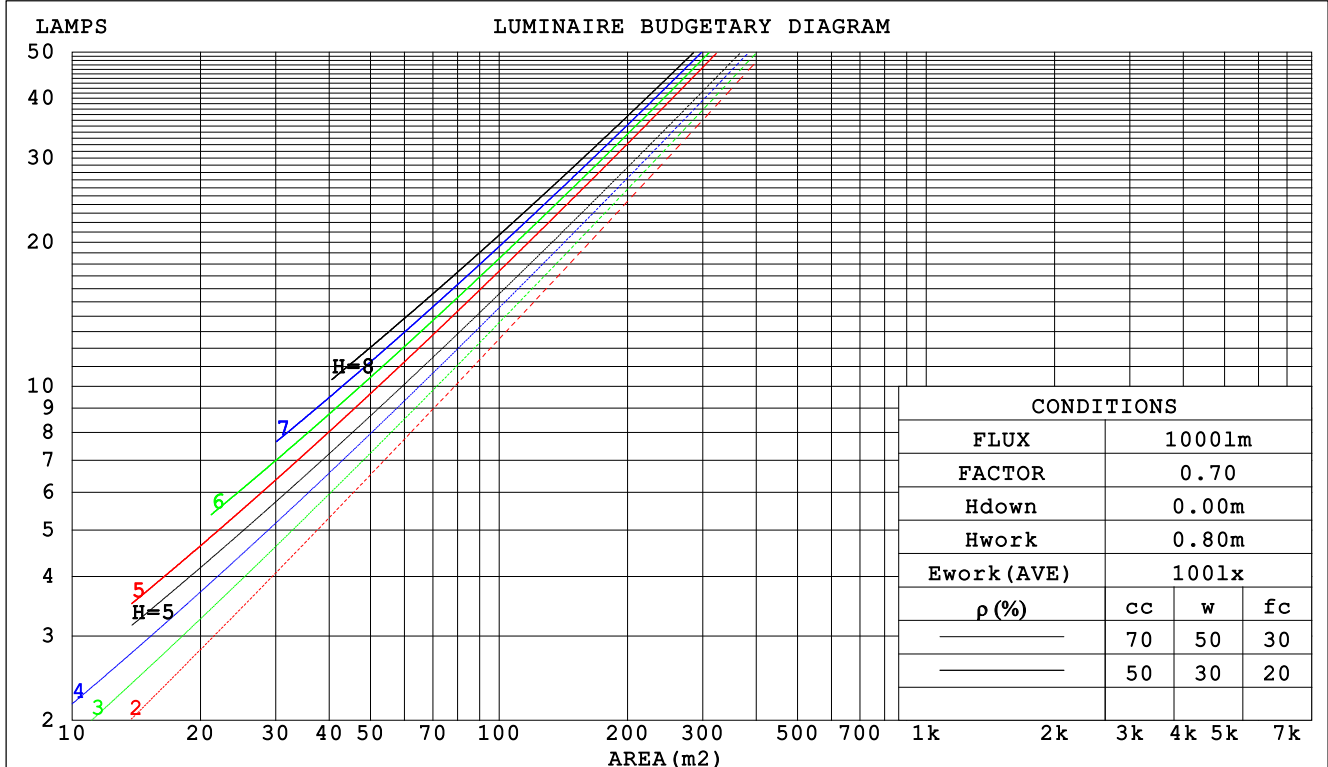
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	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	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.97	.96	.95	.94
2.0	1.04	.00	.97	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.73
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.74	.71	.70
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.69	.65	.74	.68	.65	.72	.68	.64	.71	.67	.64	.71	.67	.64	.63
9.0	.71	.65	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.68	.64	.61	.60
10.0	.67	.62	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.61	.58	.57



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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	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	.175	.099	.032	.168	.096	.030	.156	.089	.029	.144	.083	.027	.133	.077	.025		
2.0	.164	.090	.028	.159	.087	.027	.148	.082	.026	.138	.078	.024	.129	.073	.023		
3.0	.155	.082	.025	.150	.080	.024	.141	.076	.023	.132	.073	.022	.125	.069	.021		
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.120	.065	.020		
5.0	.138	.070	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019		
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.112	.059	.017		
7.0	.125	.062	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017	.108	.056	.016		
8.0	.119	.058	.016	.117	.058	.016	.112	.056	.016	.108	.055	.016	.104	.053	.016		
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.100	.051	.015		
10.0	.110	.053	.015	.108	.052	.014	.104	.051	.014	.100	.050	.014	.097	.049	.014		

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	.172	.158	.146	.147	.136	.125	.101	.093	.087	.058	.054	.050	.019	.017	.016	
2.0	.156	.133	.114	.134	.115	.099	.092	.079	.069	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.091	.123	.099	.079	.084	.068	.056	.049	.040	.033	.016	.013	.011	
4.0	.132	.099	.074	.113	.086	.065	.078	.060	.046	.045	.035	.027	.015	.011	.009	
5.0	.123	.088	.062	.106	.076	.054	.073	.053	.038	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.052	.099	.068	.045	.068	.047	.032	.040	.028	.019	.013	.009	.006	
7.0	.108	.071	.044	.093	.061	.038	.064	.043	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.038	.088	.056	.033	.061	.039	.023	.035	.023	.014	.011	.008	.005	
9.0	.097	.059	.033	.084	.051	.029	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.029	.080	.047	.025	.055	.033	.018	.032	.020	.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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm										
NAME: ADL 30W ADR9.5WH 40°					TYPE:LED			WEIGHT:		
SPEC.:ADL 30W ADR9.5WH 40°					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	5.7	6.6	5.9	6.7	6.9	3.5	4.4	3.7	4.5	4.7
3H	6.1	6.9	6.3	7.1	7.3	4.2	5.0	4.4	5.2	5.4
4H	6.3	7.1	6.6	7.3	7.6	4.5	5.3	4.8	5.5	5.8
6H	6.6	7.4	6.9	7.6	7.9	4.9	5.6	5.2	5.9	6.1
8H	6.8	7.5	7.1	7.7	8.0	5.0	5.7	5.4	6.0	6.3
12H	6.9	7.6	7.2	7.9	8.1	5.1	5.8	5.5	6.1	6.3
4H 2H	5.7	6.4	5.9	6.7	6.9	3.7	4.4	3.9	4.6	4.9
3H	6.2	6.9	6.6	7.2	7.5	4.6	5.3	4.9	5.5	5.8
4H	6.7	7.3	7.0	7.6	7.9	5.1	5.8	5.5	6.1	6.4
6H	7.1	7.7	7.5	8.0	8.3	5.7	6.2	6.0	6.5	6.9
8H	7.3	7.8	7.7	8.2	8.6	5.9	6.4	6.3	6.7	7.1
12H	7.6	8.0	8.0	8.4	8.8	6.0	6.5	6.4	6.9	7.3
8H 4H	6.8	7.3	7.2	7.6	8.0	5.4	5.9	5.8	6.2	6.6
6H	7.4	7.8	7.8	8.2	8.6	6.1	6.5	6.5	6.9	7.3
8H	7.7	8.1	8.1	8.5	8.9	6.4	6.8	6.8	7.2	7.6
12H	8.0	8.3	8.5	8.8	9.3	6.6	7.0	7.1	7.4	7.9
12H 4H	6.8	7.2	7.2	7.6	8.0	5.4	5.9	5.8	6.2	6.6
6H	7.4	7.8	7.9	8.2	8.6	6.2	6.5	6.6	7.0	7.4
8H	7.8	8.1	8.3	8.5	9.0	6.5	6.8	7.0	7.3	7.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.9 / - 0.9					+ 0.4 / - 0.4				
1.5H	+ 3.6 / - 0.8					+ 0.7 / - 0.4				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2534 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:2018-05-31

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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	93	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2410.6 lm

%lum = 95.1%

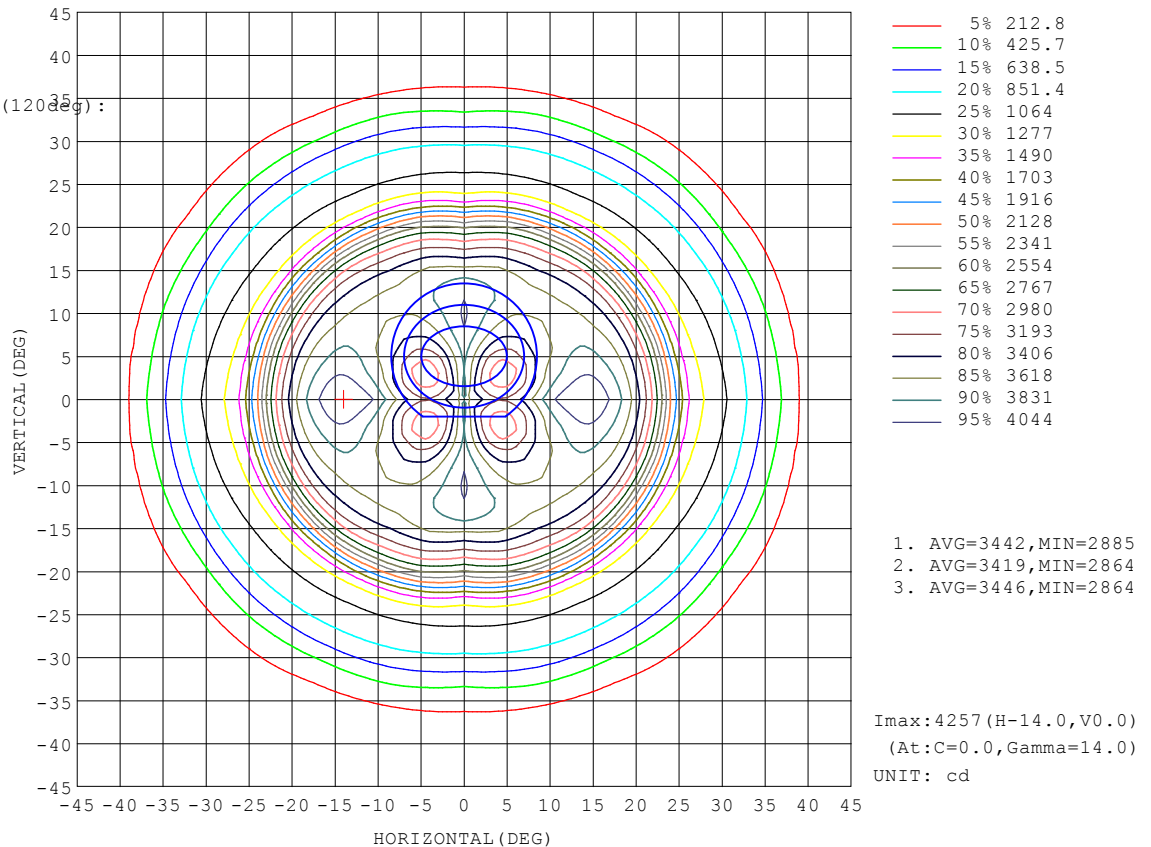
%lamp = 95.1%

Conical surface Flux(120deg):

2471.4 lm

%lum = 97.5%

%lamp = 97.5%

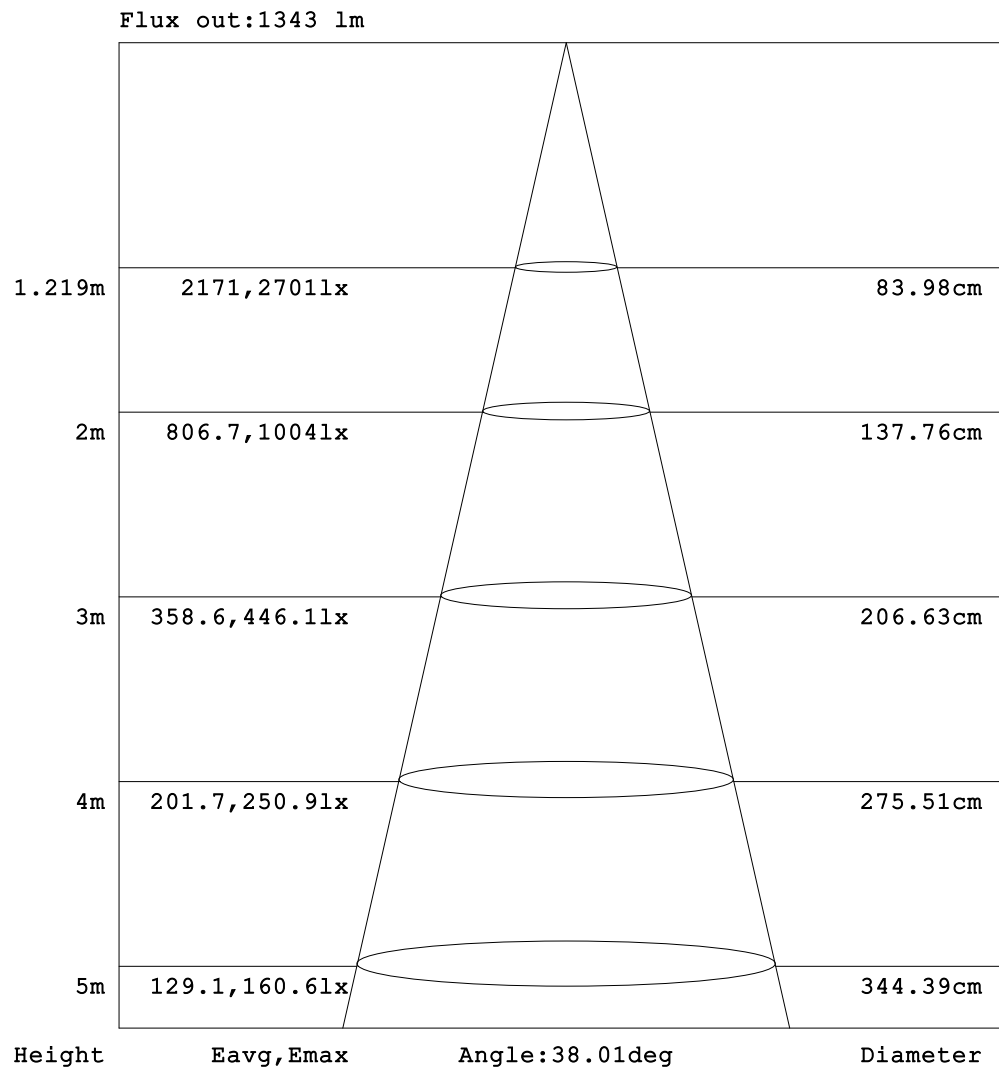


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



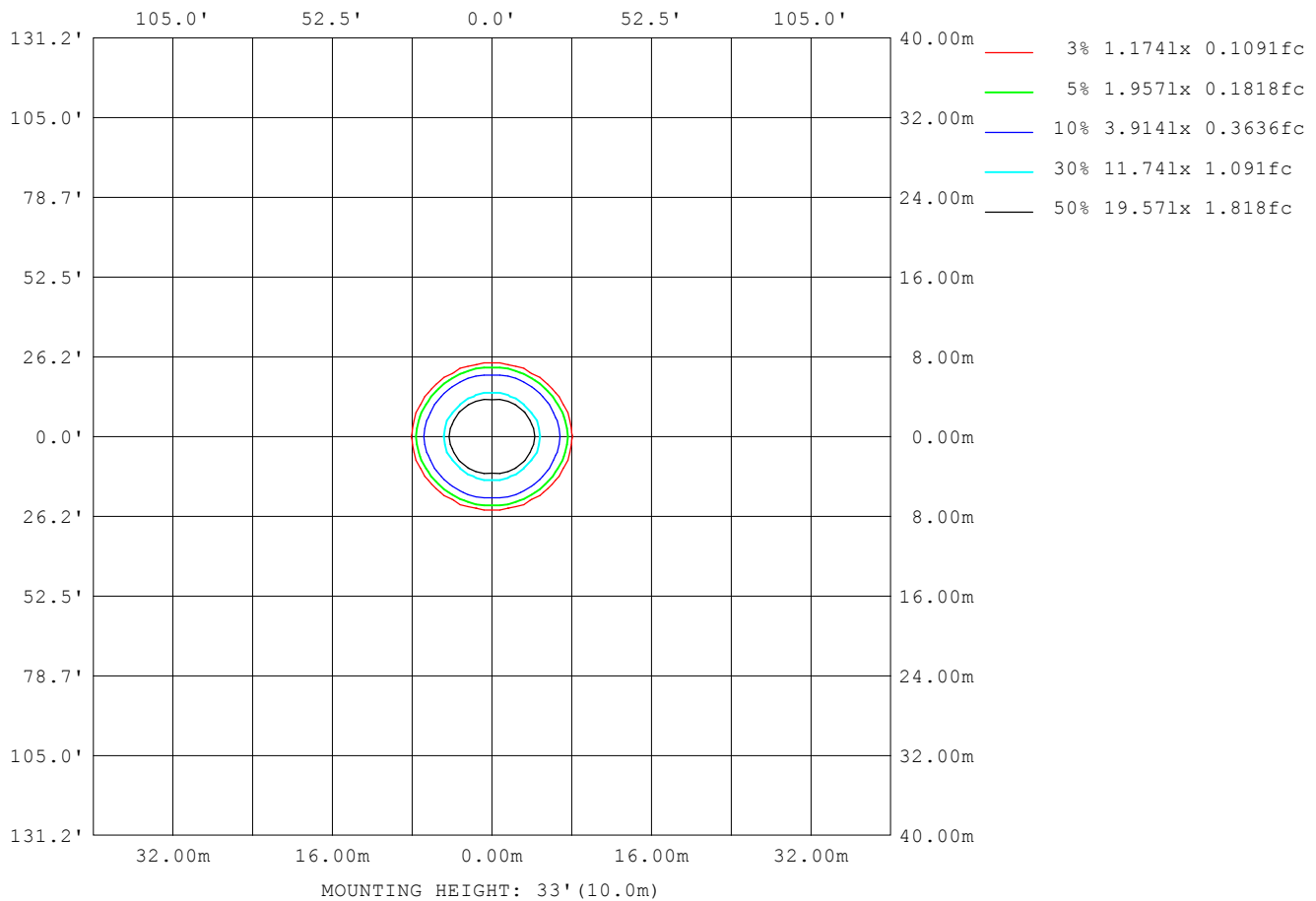
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

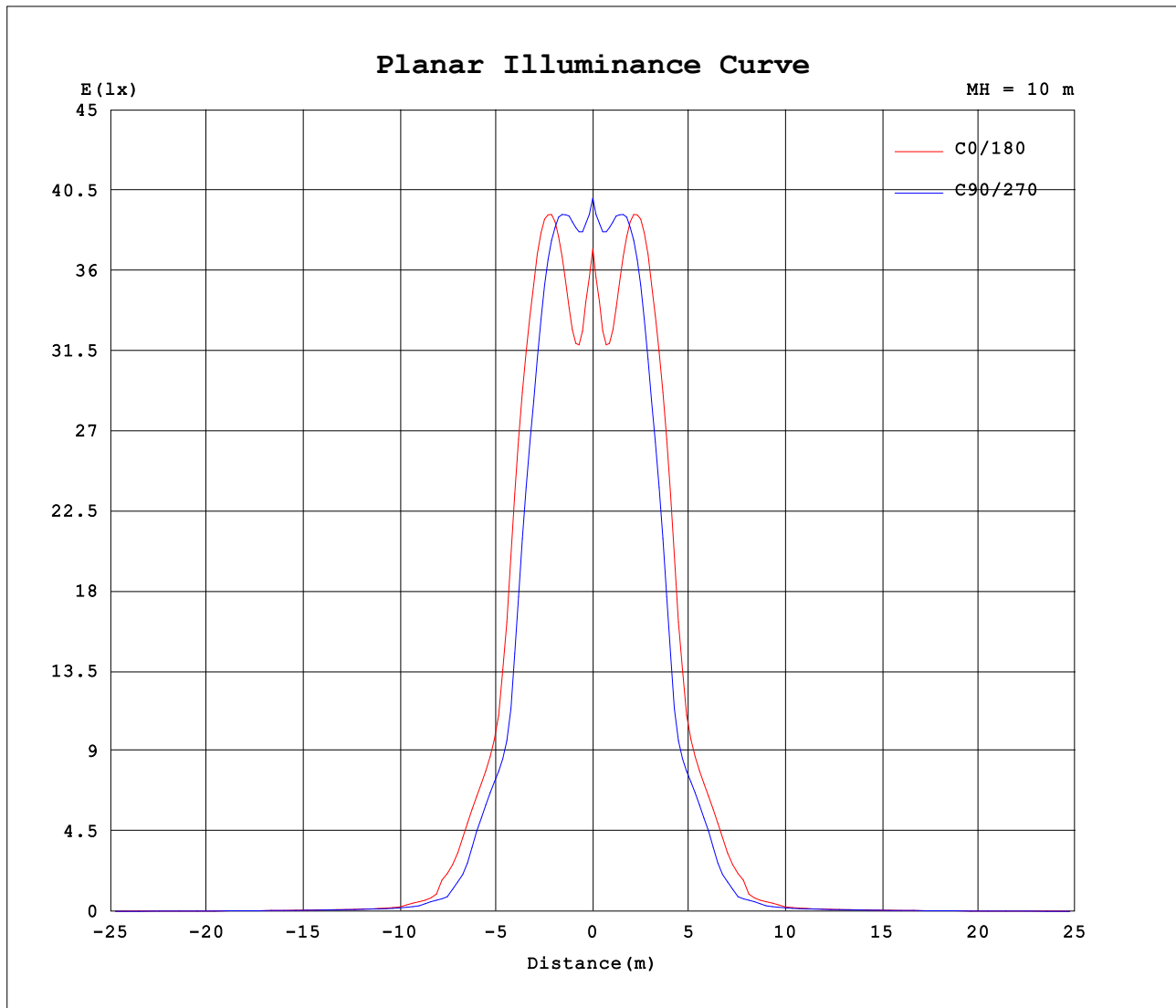
Test:U:120.4V I:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	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	3722	3772	3758	3828	3893	4015	4006	4015	3893	3828	3758	3772	3722	3772	3758	3828	3893	4015	4006
5	3228	2986	2853	2923	3174	3572	3885	3572	3174	2923	2853	2986	3228	2986	2853	2923	3174	3572	3885
10	3968	3670	3463	3419	3548	3807	4083	3807	3548	3419	3463	3670	3968	3670	3463	3419	3548	3807	4083
15	4232	3973	3743	3663	3638	3713	3693	3713	3638	3663	3743	3973	4232	3973	3743	3663	3638	3713	3693
20	3515	3387	3224	3082	2872	2752	2524	2752	2872	3082	3224	3387	3515	3387	3224	3082	2872	2752	2524
25	1824	1660	1501	1364	1257	1199	1151	1199	1257	1364	1501	1660	1824	1660	1501	1364	1257	1199	1151
30	1109	1036	963	904	868	848	811	848	868	904	963	1036	1109	1036	963	904	868	848	811
35	599	534	450	409	349	330	303	330	349	409	450	534	599	534	450	409	349	330	303
40	169	159	145	139	134	131	123	131	134	139	145	159	169	159	145	139	134	131	123
45	74.1	71.6	68.4	67.3	65.7	63.0	56.4	63.0	65.7	67.3	68.4	71.6	74.1	71.6	68.4	67.3	65.7	63.0	56.4
50	49.9	49.7	49.3	48.8	48.3	47.7	46.9	47.7	48.3	48.8	49.3	49.7	49.9	49.7	49.3	48.8	48.3	47.7	46.9
55	44.3	44.1	43.6	43.1	42.6	42.1	41.2	42.1	42.6	43.1	43.6	44.1	44.3	44.1	43.6	43.1	42.6	42.1	41.2
60	38.5	38.3	37.8	37.3	36.8	36.3	35.4	36.3	36.8	37.3	37.8	38.3	38.5	38.3	37.8	37.3	36.8	36.3	35.4
65	32.7	32.5	32.0	31.5	31.0	30.5	29.6	30.5	31.0	31.5	32.0	32.5	32.7	32.5	32.0	31.5	31.0	30.5	29.6
70	26.9	26.7	26.3	25.8	25.3	24.8	23.9	24.8	25.3	25.8	26.3	26.7	26.9	26.7	26.3	25.8	25.3	24.8	23.9
75	21.2	21.0	20.5	20.0	19.5	19.0	18.1	19.0	19.5	20.0	20.5	21.0	21.2	21.0	20.5	20.0	19.5	19.0	18.1
80	15.4	15.1	14.6	14.1	13.6	13.0	12.1	13.0	13.6	14.1	14.6	15.1	15.4	15.1	14.6	14.1	13.6	13.0	12.1
85	9.15	8.89	8.32	7.76	7.13	6.47	5.36	6.47	7.13	7.76	8.32	8.89	9.15	8.89	8.32	7.76	7.13	6.47	5.36
90	2.26	1.90	1.26	0.59	0.02	0.00	0.00	0.00	0.02	0.59	1.26	1.90	2.26	1.90	1.26	0.59	0.02	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	0.00	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	0.02	0.00	0.06	0.04	0.09	0.09	0.09	0.04	0.06	0.00	0.02	0.00	0.02	0.00	0.06	0.04	0.09	0.09
130	0.18	0.23	0.21	0.28	0.25	0.33	0.32	0.33	0.25	0.28	0.21	0.23	0.18	0.23	0.21	0.28	0.25	0.33	0.32
135	0.42	0.46	0.46	0.52	0.52	0.58	0.58	0.58	0.52	0.52	0.46	0.46	0.42	0.46	0.46	0.52	0.52	0.58	0.58
140	0.66	0.71	0.73	0.79	0.79	0.86	0.85	0.86	0.79	0.79	0.73	0.71	0.66	0.71	0.73	0.79	0.79	0.86	0.85
145	0.93	0.97	0.97	1.06	1.06	1.11	1.11	1.11	1.06	1.06	0.97	0.97	0.93	0.97	0.97	1.06	1.06	1.11	1.11
150	1.18	1.24	1.23	1.30	1.31	1.37	1.37	1.37	1.31	1.30	1.23	1.24	1.18	1.24	1.23	1.30	1.31	1.37	1.37
155	1.40	1.45	1.46	1.48	1.50	1.55	1.53	1.55	1.50	1.48	1.46	1.45	1.40	1.45	1.46	1.48	1.50	1.55	1.53
160	1.56	1.58	1.58	1.62	1.61	1.63	1.61	1.63	1.61	1.62	1.58	1.58	1.56	1.58	1.58	1.62	1.61	1.63	1.61
165	1.60	1.60	1.61	1.60	1.63	1.63	1.63	1.63	1.63	1.60	1.61	1.60	1.60	1.60	1.61	1.60	1.63	1.63	1.63
170	1.60	1.60	1.60	1.61	1.62	1.61	1.62	1.61	1.62	1.61	1.60	1.60	1.60	1.60	1.60	1.61	1.62	1.61	1.62
175	1.60	1.63	1.63	1.66	1.63	1.65	1.63	1.65	1.63	1.66	1.63	1.63	1.60	1.63	1.63	1.66	1.63	1.65	1.63
180	1.69	1.68	1.69	1.71	1.69	1.70	1.71	1.70	1.69	1.71	1.69	1.68	1.69	1.68	1.69	1.71	1.69	1.70	1.71

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
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:0.2719A P:32.56W PF:0.9945 Lamp Flux:2534.2x1 lm		
NAME: ADL 30W ADR9.5WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR9.5WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	4015	3893	3828	3758	3772														
5	3572	3174	2923	2853	2986														
10	3807	3548	3419	3463	3670														
15	3713	3638	3663	3743	3973														
20	2752	2872	3082	3224	3387														
25	1199	1257	1364	1501	1660														
30	848	868	904	963	1036														
35	330	349	409	450	534														
40	131	134	139	145	159														
45	63.0	65.7	67.3	68.4	71.6														
50	47.7	48.3	48.8	49.3	49.7														
55	42.1	42.6	43.1	43.6	44.1														
60	36.3	36.8	37.3	37.8	38.3														
65	30.5	31.0	31.5	32.0	32.5														
70	24.8	25.3	25.8	26.3	26.7														
75	19.0	19.5	20.0	20.5	21.0														
80	13.0	13.6	14.1	14.6	15.1														
85	6.47	7.13	7.76	8.32	8.89														
90	0.00	0.02	0.59	1.26	1.90														
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	0.09	0.04	0.06	0.00	0.02														
130	0.33	0.25	0.28	0.21	0.23														
135	0.58	0.52	0.52	0.46	0.46														
140	0.86	0.79	0.79	0.73	0.71														
145	1.11	1.06	1.06	0.97	0.97														
150	1.37	1.31	1.30	1.23	1.24														
155	1.55	1.50	1.48	1.46	1.45														
160	1.63	1.61	1.62	1.58	1.58														
165	1.63	1.63	1.60	1.61	1.60														
170	1.61	1.62	1.61	1.60	1.60														
175	1.65	1.63	1.66	1.63	1.63														
180	1.70	1.69	1.71	1.69	1.68														

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: