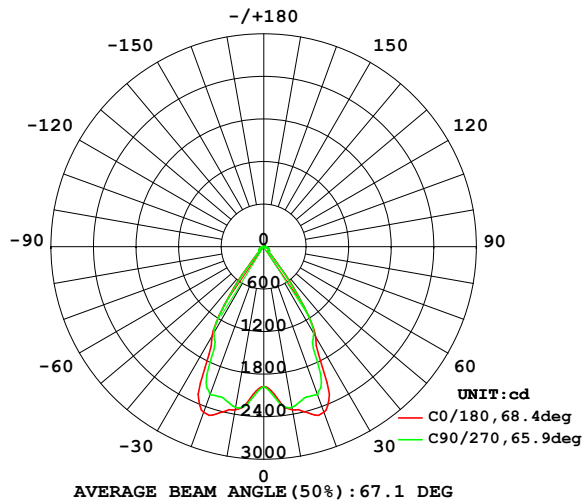


LUMINAIRE PHOTOMETRIC TEST REPORT

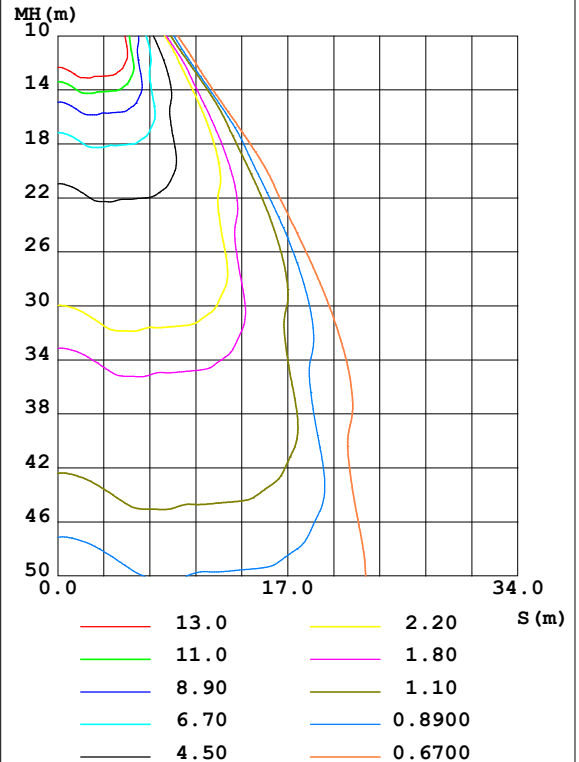
Test:U:120.4V I:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.51 lm/W
MODEL		I _{max} (cd)	2502	S/MH (C0/180)		0.99
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH (C90/270)		0.98
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	2421.9	η UP,DN(C0-180)		0.0,50.0
NOMINAL FLUX(lm)	2421.89	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		0.75

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	2341	2184	2302	2184	2341	2184	2302	2184	0- 10	207.8	207.8	8.58
20	2483	1933	2219	1933	2483	1933	2219	1933	10- 20	605.3	813.1	33.6
30	1470	1416	1416	1416	1470	1416	1416	1416	20- 30	804.5	1618	66.8
40	232.2	207.0	203.8	207.0	232.2	207.0	203.8	207.0	30- 40	525.7	2143	88.5
50	87.80	90.18	89.01	90.18	87.80	90.18	89.01	90.18	40- 50	88.18	2232	92.1
60	69.45	71.91	70.51	71.91	69.45	71.91	70.51	71.91	50- 60	72.19	2304	95.1
70	48.98	51.10	49.70	51.10	48.98	51.10	49.70	51.10	60- 70	60.42	2364	97.6
80	25.91	26.96	25.58	26.96	25.91	26.96	25.58	26.96	70- 80	41.09	2405	99.3
90	0.2028	0.3302	0.0239	0.3302	0.2028	0.3302	0.0239	0.3302	80- 90	14.28	2420	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0116	2420	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2420	99.9
120	0	0.0216	0	0.0216	0	0.0216	0	0.0216	110-120	0.0011	2420	99.9
130	0.3408	0.4054	0.3618	0.4054	0.3408	0.4054	0.3618	0.4054	120-130	0.1642	2420	99.9
140	0.7598	0.8099	0.7739	0.8099	0.7598	0.8099	0.7739	0.8099	130-140	0.4470	2420	99.9
150	1.122	1.186	1.150	1.186	1.122	1.186	1.150	1.186	140-150	0.6139	2421	100
160	1.335	1.364	1.350	1.364	1.335	1.364	1.350	1.364	150-160	0.5849	2421	100
170	1.548	1.584	1.548	1.584	1.548	1.584	1.548	1.584	160-170	0.4045	2422	100
180	1.811	1.811	1.811	1.811	1.811	1.811	1.811	1.811	170-180	0.1590	2422	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

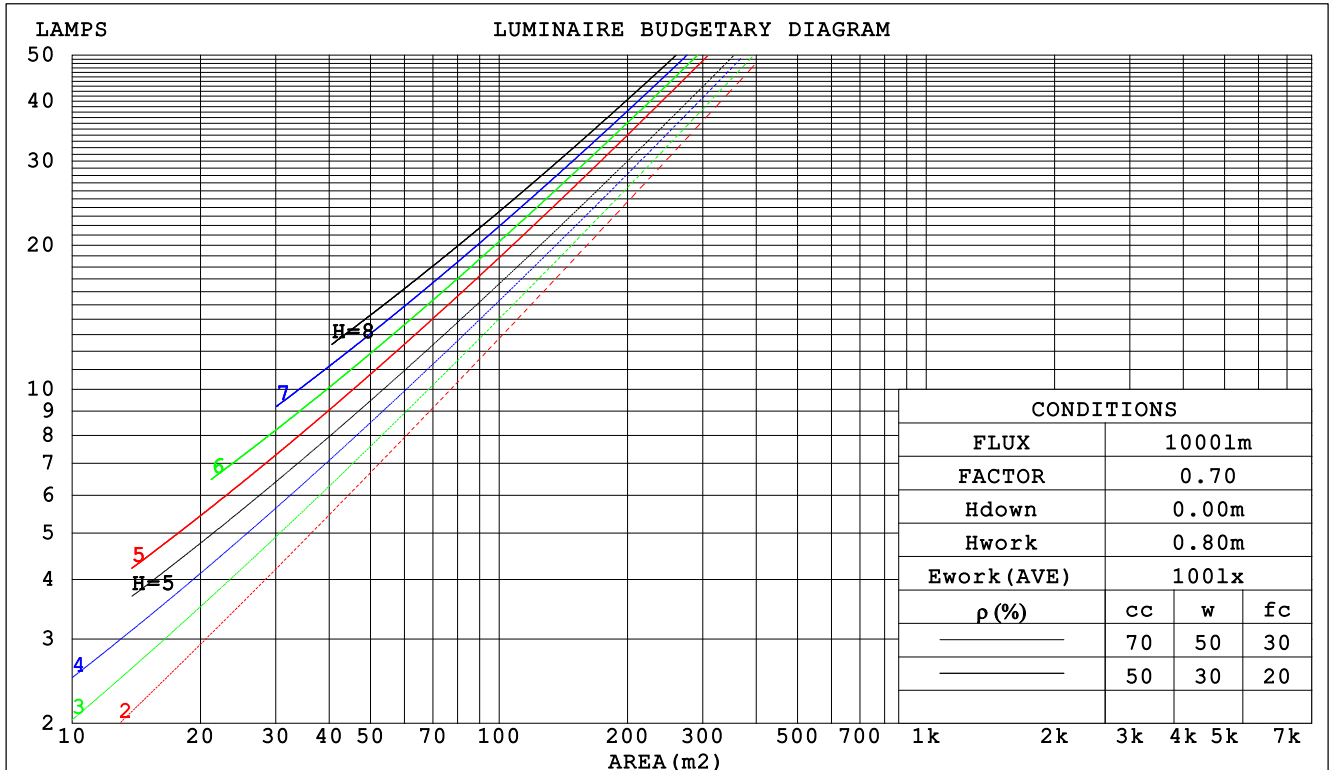
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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	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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.01	.96	.93	.99	.95	.92	.96	.92	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.88	.84	.92	.87	.83	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.81	.76	.86	.80	.76	.83	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.72	.68	.75	.71	.68	.66
6.0	.76	.69	.65	.75	.69	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.61
7.0	.71	.64	.60	.70	.64	.60	.69	.63	.59	.68	.63	.59	.66	.62	.59	.57
8.0	.67	.60	.56	.66	.60	.56	.65	.59	.55	.64	.59	.55	.63	.58	.55	.54
9.0	.63	.56	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.50
10.0	.59	.53	.49	.59	.53	.49	.58	.52	.49	.57	.52	.49	.56	.52	.48	.47



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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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	.202	.115	.036	.195	.111	.035	.183	.105	.033	.171	.099	.032	.160	.093	.030		
2.0	.191	.105	.032	.185	.102	.031	.174	.097	.030	.164	.092	.029	.155	.088	.028		
3.0	.180	.096	.029	.175	.094	.028	.166	.090	.027	.157	.086	.026	.149	.082	.026		
4.0	.170	.088	.026	.165	.087	.026	.157	.083	.025	.150	.080	.024	.143	.078	.024		
5.0	.160	.082	.024	.157	.080	.023	.150	.078	.023	.143	.075	.022	.137	.073	.022		
6.0	.152	.076	.022	.149	.075	.022	.142	.073	.021	.137	.071	.021	.131	.069	.021		
7.0	.144	.071	.020	.142	.071	.020	.136	.069	.020	.131	.067	.020	.126	.065	.019		
8.0	.138	.067	.019	.135	.066	.019	.130	.065	.019	.125	.064	.018	.121	.062	.018		
9.0	.131	.064	.018	.129	.063	.018	.125	.062	.017	.120	.060	.017	.116	.059	.017		
10.0	.126	.060	.017	.123	.060	.017	.119	.059	.016	.116	.057	.016	.112	.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	.174	.158	.144	.149	.135	.124	.102	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.160	.133	.111	.137	.115	.096	.094	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.148	.114	.088	.127	.099	.076	.087	.069	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.100	.071	.118	.086	.062	.081	.060	.043	.047	.035	.026	.015	.011	.008	
5.0	.130	.089	.058	.111	.077	.051	.077	.054	.036	.044	.031	.021	.014	.010	.007	
6.0	.122	.079	.049	.105	.069	.042	.072	.048	.030	.042	.028	.018	.014	.009	.006	
7.0	.116	.072	.041	.099	.062	.036	.069	.044	.026	.040	.026	.015	.013	.008	.005	
8.0	.110	.066	.036	.095	.057	.031	.065	.040	.022	.038	.024	.013	.012	.008	.004	
9.0	.105	.061	.031	.090	.053	.027	.063	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.100	.056	.027	.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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm										
NAME: ADL 30W ADR4WH 60°					TYPE:LED			WEIGHT:		
SPEC.:ADL 30W ADR4WH 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	8.9	10.0	9.2	10.1	10.3	8.9	9.9	9.1	10.1	10.3
3H	9.5	10.5	9.8	10.7	10.9	9.5	10.4	9.8	10.6	10.9
4H	9.9	10.8	10.2	11.0	11.2	9.9	10.8	10.1	11.0	11.2
6H	10.2	11.1	10.5	11.3	11.6	10.2	11.0	10.5	11.3	11.6
8H	10.4	11.2	10.7	11.4	11.7	10.3	11.2	10.7	11.4	11.7
12H	10.5	11.2	10.8	11.5	11.8	10.4	11.2	10.8	11.5	11.8
4H 2H	9.0	9.9	9.3	10.1	10.4	9.0	9.9	9.3	10.1	10.3
3H	9.8	10.6	10.2	10.9	11.2	9.8	10.6	10.2	10.9	11.2
4H	10.4	11.1	10.7	11.4	11.7	10.4	11.1	10.7	11.4	11.7
6H	10.9	11.5	11.3	11.9	12.2	10.9	11.5	11.3	11.8	12.2
8H	11.1	11.7	11.5	12.1	12.4	11.1	11.7	11.5	12.0	12.4
12H	11.3	11.8	11.7	12.2	12.6	11.2	11.8	11.7	12.1	12.5
8H 4H	10.6	11.2	11.0	11.5	11.9	10.6	11.2	11.0	11.5	11.9
6H	11.3	11.7	11.7	12.1	12.6	11.2	11.7	11.7	12.1	12.5
8H	11.6	12.0	12.0	12.4	12.9	11.5	12.0	12.0	12.4	12.8
12H	11.8	12.2	12.3	12.6	13.1	11.8	12.1	12.2	12.6	13.1
12H 4H	10.6	11.1	11.0	11.5	11.9	10.6	11.1	11.0	11.5	11.9
6H	11.3	11.7	11.8	12.2	12.6	11.3	11.7	11.8	12.1	12.6
8H	11.7	12.0	12.1	12.5	13.0	11.6	12.0	12.1	12.5	12.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.3 / - 0.7					+ 1.1 / - 0.6				
1.5H	+ 2.7 / - 0.7					+ 2.4 / - 0.6				
2.0H	+ 0.1 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2422 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	73	70
0.80	92	86	82	91	85	81	90	85	81	77
1.00	97	90	86	96	90	86	94	90	86	81
1.25	101	95	91	100	94	91	98	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	98	105	101	98	102	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	110	107	103	109	105	102	105	102	100	93
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	109	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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2193.5 lm

%lum = 90.6%

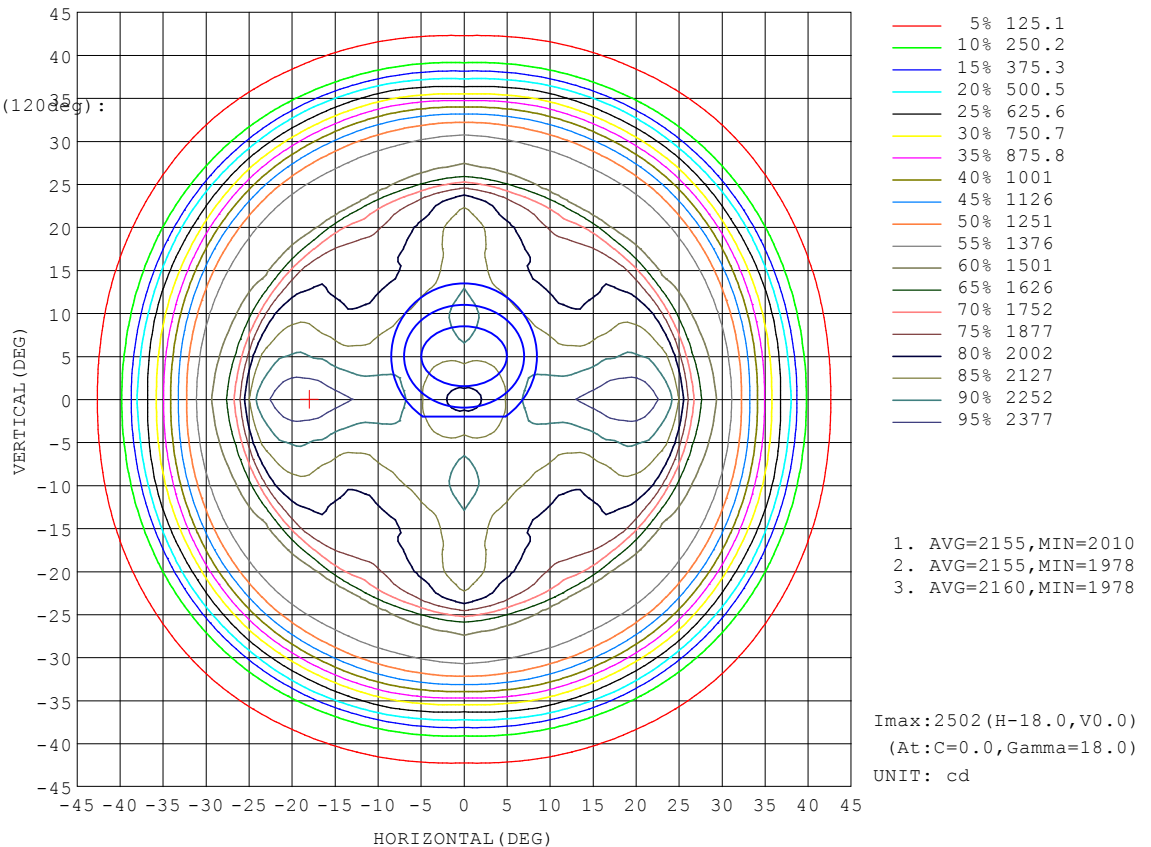
%lamp = 90.6%

Conical surface Flux(120deg):

2303.7 lm

%lum = 95.1%

%lamp = 95.1%

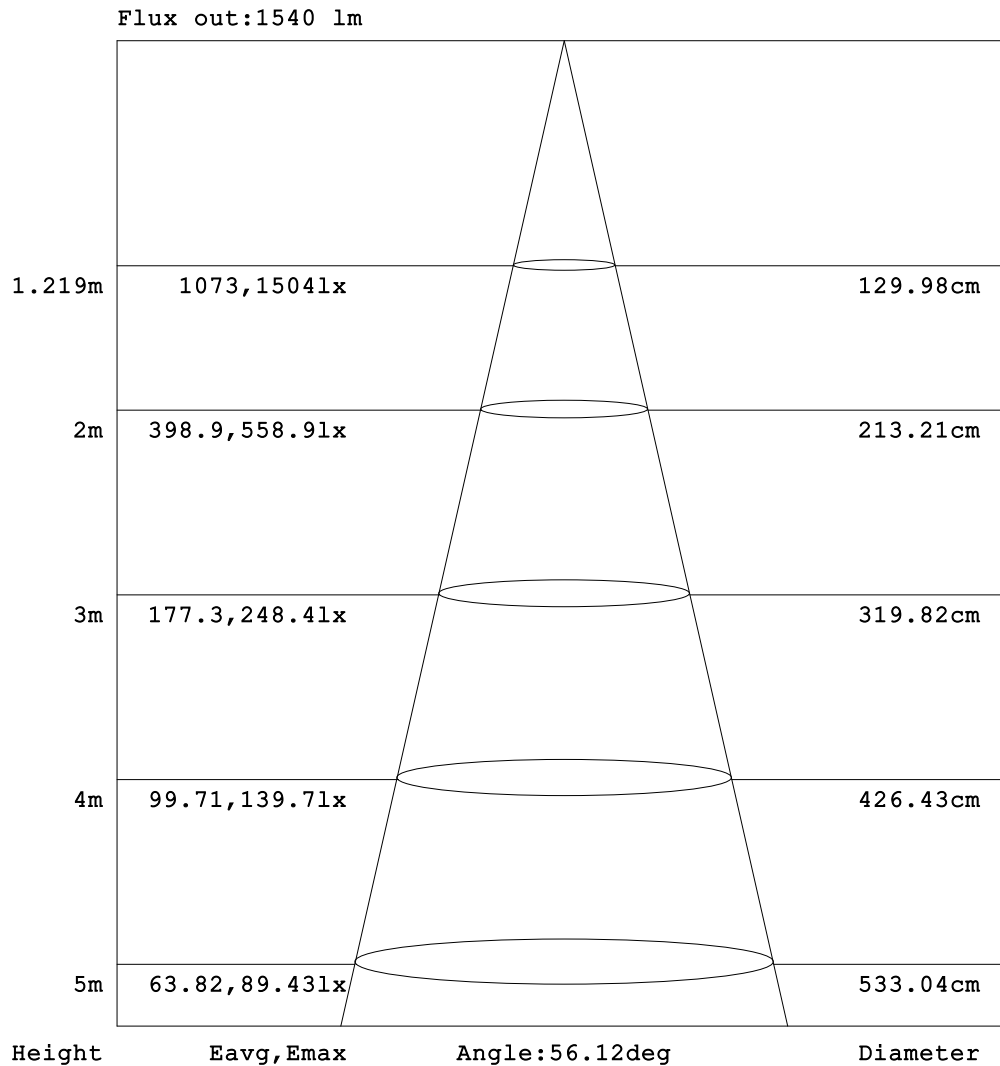


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



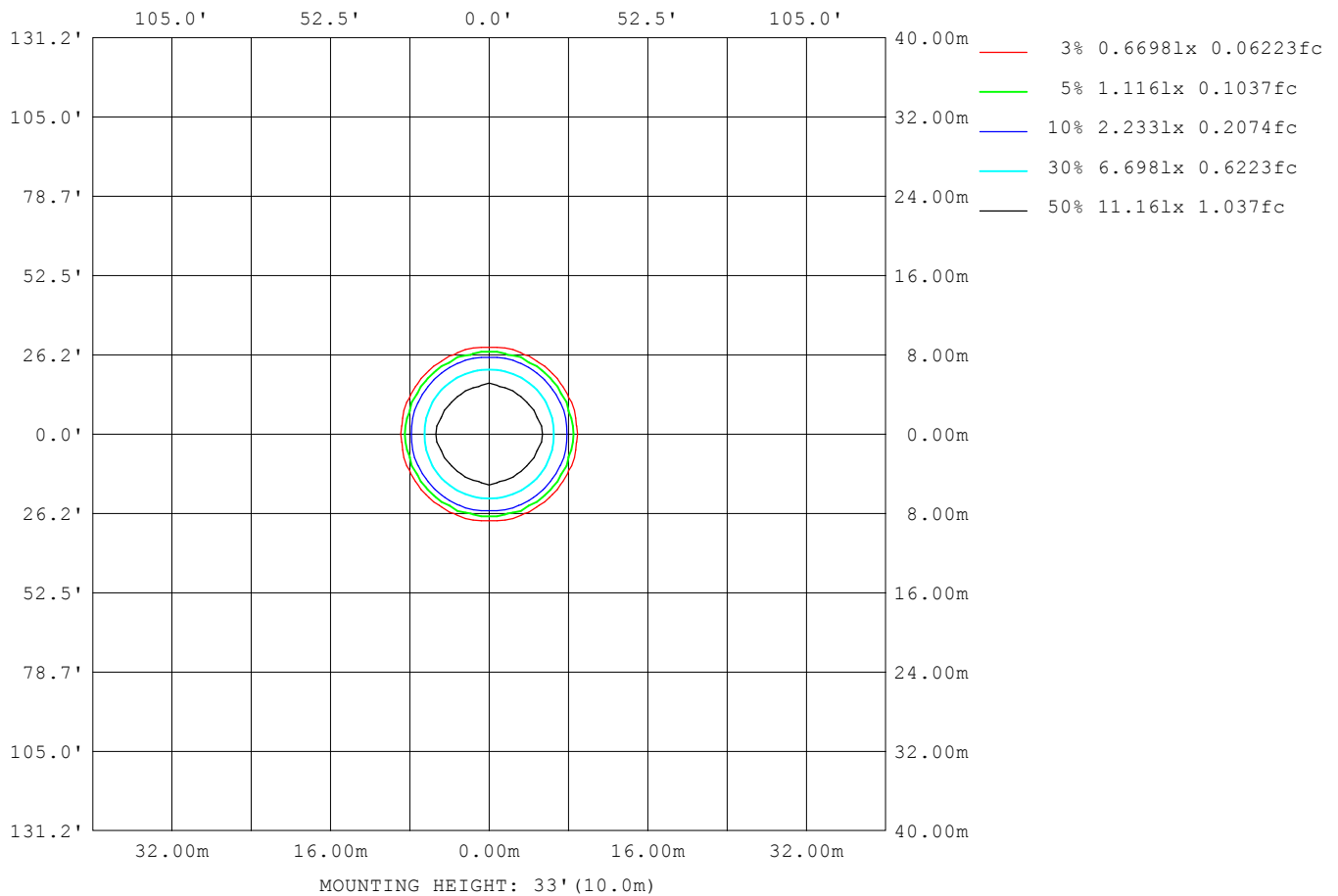
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

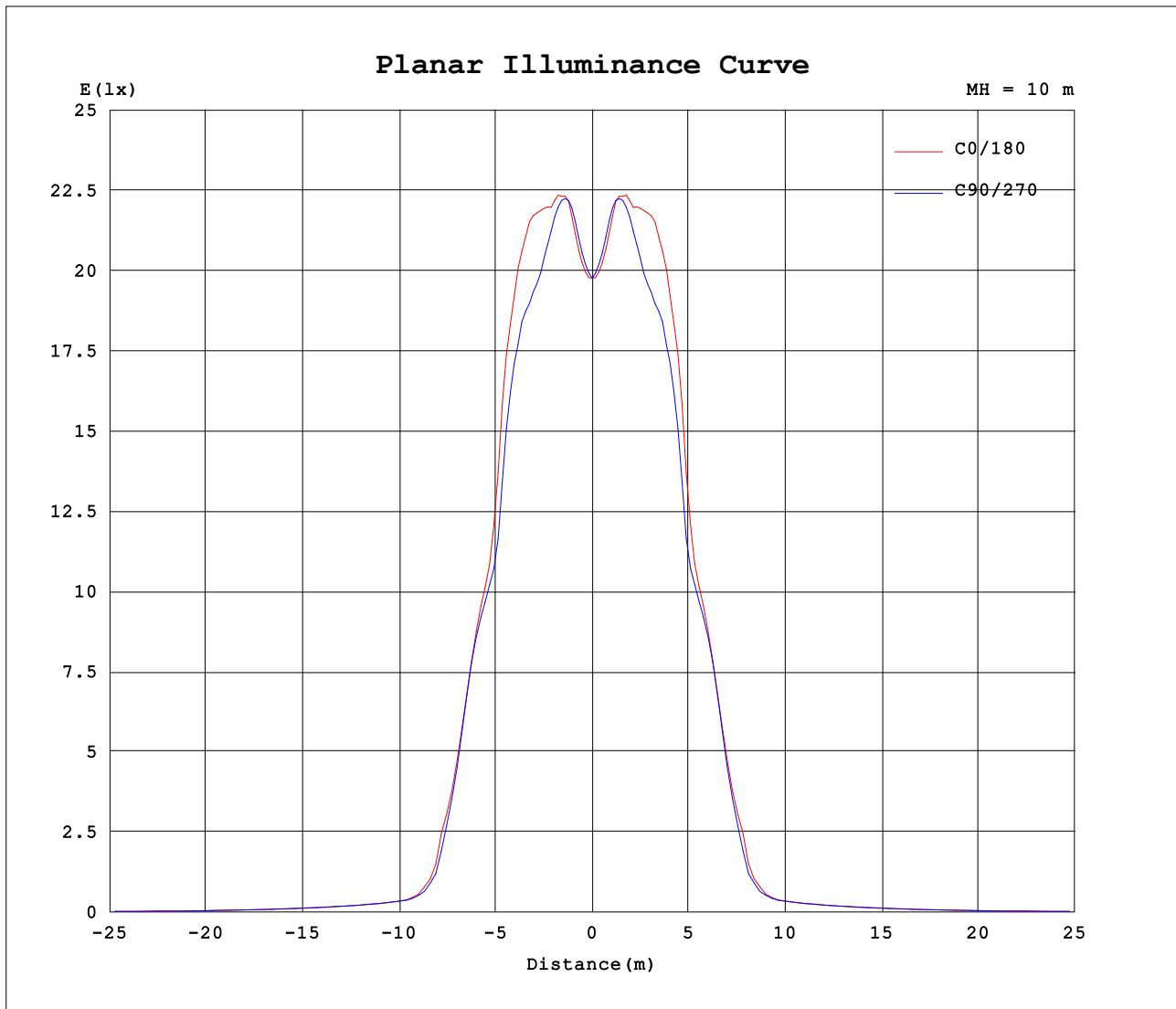
Test:U:120.4V I:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 60°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm																		
NAME: ADL 30W ADR4WH 60°										TYPE:LED					WEIGHT:			
SPEC.:ADL 30W ADR4WH 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	1978	1976	1977	1976	1978	1976	1976	1976	1978	1976	1977	1976	1978	1976	1977	1976	1978	1976	1976
5	2139	2129	2128	2121	2127	2144	2178	2144	2127	2121	2128	2129	2139	2129	2128	2121	2127	2144	2178
10	2341	2257	2205	2184	2182	2229	2302	2229	2182	2184	2205	2257	2341	2257	2205	2184	2182	2229	2302
15	2427	2233	2053	2013	2038	2095	2210	2095	2038	2013	2053	2233	2427	2233	2053	2013	2038	2095	2210
20	2483	2259	2066	1933	1946	2022	2219	2022	1946	1933	2066	2259	2483	2259	2066	1933	1946	2022	2219
25	2123	1960	1792	1661	1643	1679	1800	1679	1643	1661	1792	1960	2123	1960	1792	1661	1643	1679	1800
30	1470	1445	1424	1416	1397	1397	1416	1397	1397	1416	1424	1445	1470	1445	1424	1416	1397	1397	1416
35	864	883	899	905	882	874	826	874	882	905	899	883	864	883	899	905	882	874	826
40	232	230	228	207	217	200	204	200	217	207	228	230	232	230	228	207	217	200	204
45	98.1	99.4	100	101	100	100	98.9	100	100	101	100	99.4	98.1	99.4	100	101	100	100	98.9
50	87.8	89.1	89.8	90.2	90.1	90.0	89.0	90.0	90.1	90.2	89.8	89.1	87.8	89.1	89.8	90.2	90.1	90.0	89.0
55	79.0	80.2	81.0	81.4	81.3	81.1	80.2	81.1	81.3	81.4	81.0	80.2	79.0	80.2	81.0	81.4	81.3	81.1	80.2
60	69.5	70.7	71.4	71.9	71.8	71.5	70.5	71.5	71.8	71.9	71.4	70.7	69.5	70.7	71.4	71.9	71.8	71.5	70.5
65	59.4	60.7	61.3	61.8	61.6	61.4	60.4	61.4	61.6	61.8	61.3	60.7	59.4	60.7	61.3	61.8	61.6	61.4	60.4
70	49.0	50.2	50.7	51.1	50.9	50.6	49.7	50.6	50.9	51.1	50.7	50.2	49.0	50.2	50.7	51.1	50.9	50.6	49.7
75	38.1	39.1	39.4	39.7	39.5	39.2	38.3	39.2	39.5	39.7	39.4	39.1	38.1	39.1	39.4	39.7	39.5	39.2	38.3
80	25.9	26.7	26.8	27.0	26.6	26.3	25.6	26.3	26.6	27.0	26.8	26.7	25.9	26.7	26.8	27.0	26.6	26.3	25.6
85	12.8	13.4	13.3	13.4	13.0	12.8	12.1	12.8	13.0	13.4	13.3	13.4	12.8	13.4	13.3	13.4	13.0	12.8	12.1
90	0.20	0.40	0.32	0.33	0.10	0.01	0.02	0.01	0.10	0.33	0.32	0.40	0.20	0.40	0.32	0.33	0.10	0.01	0.02
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	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.02	0.00	0.04	0.00
125	0.15	0.20	0.16	0.21	0.16	0.21	0.16	0.21	0.16	0.21	0.16	0.20	0.15	0.20	0.16	0.21	0.16	0.21	0.16
130	0.34	0.40	0.35	0.41	0.35	0.41	0.36	0.41	0.35	0.41	0.35	0.40	0.34	0.40	0.35	0.41	0.35	0.41	0.36
135	0.55	0.59	0.57	0.60	0.56	0.61	0.57	0.61	0.56	0.60	0.57	0.59	0.55	0.59	0.57	0.60	0.56	0.61	0.57
140	0.76	0.79	0.77	0.81	0.77	0.81	0.77	0.81	0.77	0.81	0.77	0.79	0.76	0.79	0.77	0.81	0.77	0.81	0.77
145	0.94	0.99	0.98	1.01	1.00	1.02	0.98	1.02	1.00	1.01	0.98	0.99	0.94	0.99	0.98	1.01	1.00	1.02	0.98
150	1.12	1.17	1.14	1.19	1.15	1.19	1.15	1.19	1.15	1.19	1.14	1.17	1.12	1.17	1.14	1.19	1.15	1.19	1.15
155	1.24	1.27	1.25	1.29	1.27	1.32	1.26	1.32	1.27	1.29	1.25	1.27	1.24	1.27	1.25	1.29	1.27	1.32	1.26
160	1.34	1.36	1.33	1.36	1.34	1.39	1.35	1.39	1.34	1.36	1.33	1.36	1.34	1.36	1.33	1.36	1.34	1.39	1.35
165	1.41	1.45	1.39	1.44	1.42	1.48	1.44	1.48	1.42	1.44	1.39	1.45	1.41	1.45	1.39	1.44	1.42	1.48	1.44
170	1.55	1.56	1.52	1.58	1.55	1.59	1.55	1.59	1.55	1.58	1.52	1.56	1.55	1.56	1.52	1.58	1.55	1.59	1.55
175	1.69	1.73	1.70	1.75	1.71	1.75	1.70	1.75	1.71	1.75	1.70	1.73	1.69	1.73	1.70	1.75	1.71	1.75	1.70
180	1.81	1.80	1.80	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.80	1.80	1.81	1.80	1.80	1.81	1.81	1.81	1.81

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:0.2714A P:32.51W PF:0.9945 Lamp Flux:2421.89x1 lm		
NAME: ADL 30W ADR4WH 60°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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	1976	1978	1976	1977	1976														
5	2144	2127	2121	2128	2129														
10	2229	2182	2184	2205	2257														
15	2095	2038	2013	2053	2233														
20	2022	1946	1933	2066	2259														
25	1679	1643	1661	1792	1960														
30	1397	1397	1416	1424	1445														
35	874	882	905	899	883														
40	200	217	207	228	230														
45	100	100	101	100	99.4														
50	90.0	90.1	90.2	89.8	89.1														
55	81.1	81.3	81.4	81.0	80.2														
60	71.5	71.8	71.9	71.4	70.7														
65	61.4	61.6	61.8	61.3	60.7														
70	50.6	50.9	51.1	50.7	50.2														
75	39.2	39.5	39.7	39.4	39.1														
80	26.3	26.6	27.0	26.8	26.7														
85	12.8	13.0	13.4	13.3	13.4														
90	0.01	0.10	0.33	0.32	0.40														
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	0.04	0.00	0.02	0.00	0.04														
125	0.21	0.16	0.21	0.16	0.20														
130	0.41	0.35	0.41	0.35	0.40														
135	0.61	0.56	0.60	0.57	0.59														
140	0.81	0.77	0.81	0.77	0.79														
145	1.02	1.00	1.01	0.98	0.99														
150	1.19	1.15	1.19	1.14	1.17														
155	1.32	1.27	1.29	1.25	1.27														
160	1.39	1.34	1.36	1.33	1.36														
165	1.48	1.42	1.44	1.39	1.45														
170	1.59	1.55	1.58	1.52	1.56														
175	1.75	1.71	1.75	1.70	1.73														
180	1.81	1.81	1.81	1.80	1.80														

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: