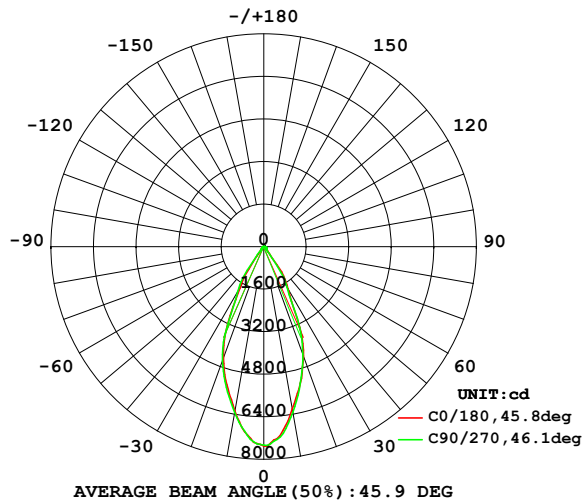


LUMINAIRE PHOTOMETRIC TEST REPORT

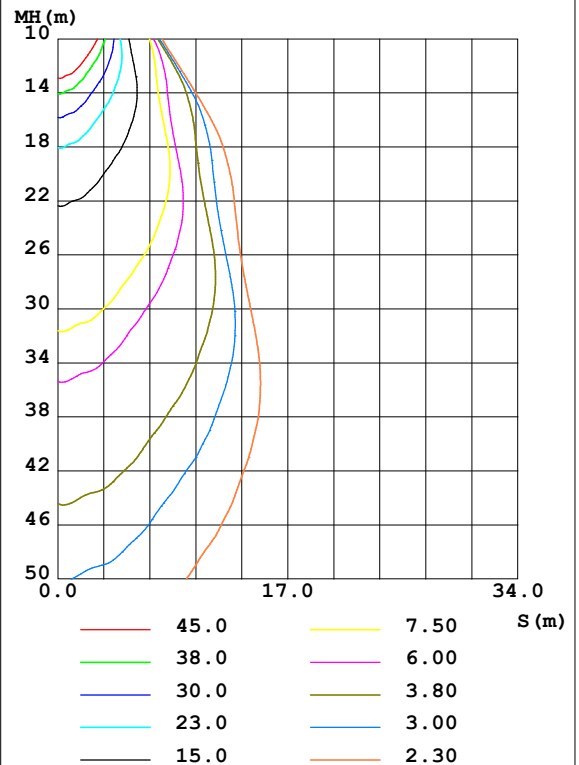
Test:U:120.4V I:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.31 lm/W			
MODEL		I _{max} (cd)	7527	S/MH (C0/180)	0.71
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH (C90/270)	0.71
RATED VOLTAGE(V)	120-277	TOTAL FLUX (lm)	4477.2	η UP,DN (C0-180)	0.1,49.3
NOMINAL FLUX(lm)	4477.16	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.1,50.6
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	6187	6244	6321	6300	6287	6333	6339	6238	0- 10	652.1	652.1	14.6
20	4367	4313	4311	4391	4463	4517	4549	4494	10- 20	1492	2144	47.9
30	1825	1801	1744	1734	1803	1911	1975	1901	20- 30	1395	3539	79
40	270.7	264.1	220.3	197.7	187.3	194.0	223.8	254.7	30- 40	592.0	4131	92.3
50	117.8	118.9	116.1	111.1	107.4	106.7	109.8	114.2	40- 50	110.4	4241	94.7
60	91.12	92.48	90.63	86.30	82.85	82.07	84.47	87.93	50- 60	89.20	4331	96.7
70	66.21	67.40	65.41	61.11	57.96	57.56	60.05	63.35	60- 70	74.26	4405	98.4
80	36.81	36.96	34.13	30.23	28.03	28.42	31.42	34.69	70- 80	50.71	4456	99.5
90	0.7705	0	0.0047	0	0	0	0	0.0762	80- 90	16.57	4472	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0079	4472	99.9
110	0	0	0	0	0	0	0	0	100-110	0	4472	99.9
120	0.1401	0.1853	0.1778	0.2107	0.2809	0.2102	0.2365	0.2102	110-120	0.0530	4472	99.9
130	0.6890	0.7473	0.7397	0.7599	0.9000	0.8094	0.8238	0.8033	120-130	0.4172	4473	99.9
140	1.492	1.513	1.525	1.519	1.743	1.640	1.672	1.653	130-140	0.9022	4474	99.9
150	2.259	2.272	2.303	2.260	2.527	2.444	2.445	2.476	140-150	1.244	4475	99.9
160	2.744	2.732	2.763	2.713	2.968	2.929	2.949	2.923	150-160	1.214	4476	100
170	2.878	2.898	2.923	2.885	3.025	3.012	3.019	3.000	160-170	0.8246	4477	100
180	3.038	3.070	3.032	3.038	3.032	3.070	3.032	3.044	170-180	0.2851	4477	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

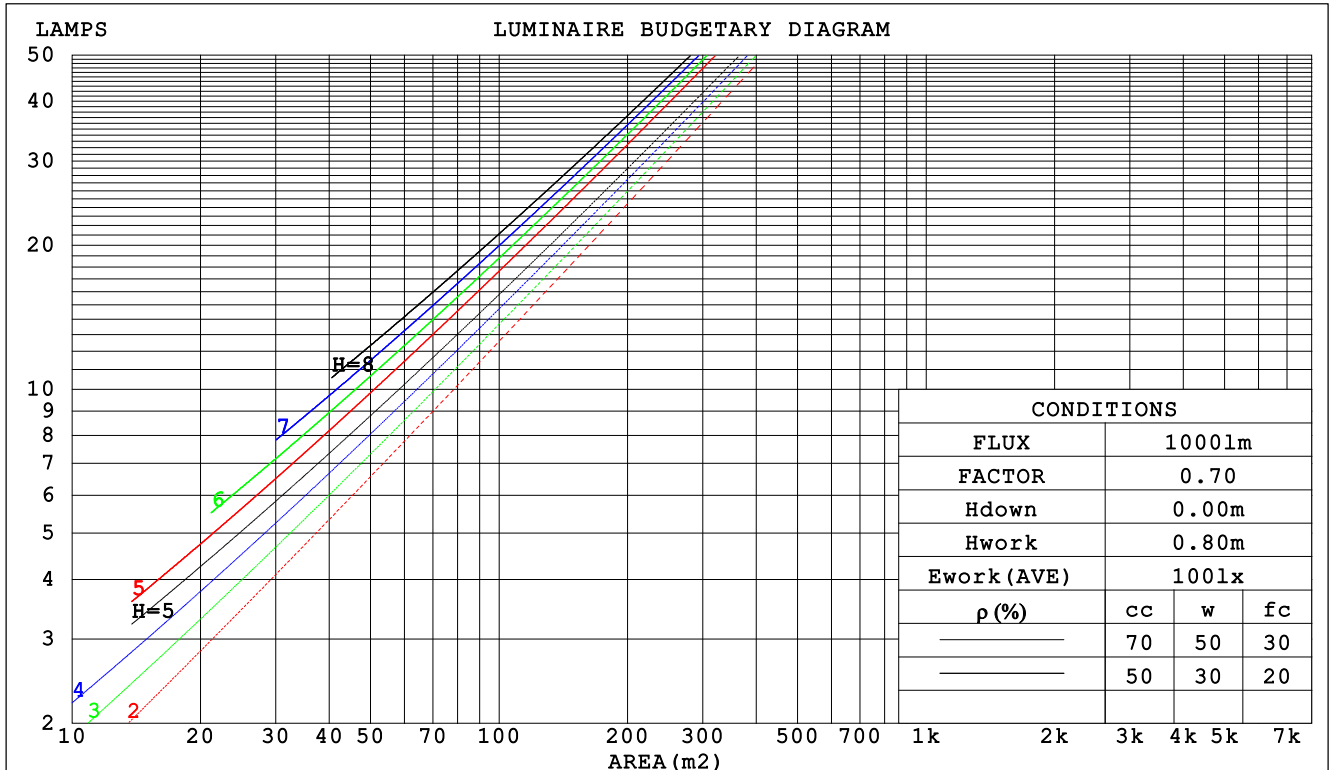
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	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	1.08	1.06	1.08	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.81
4.0	.91	.85	.81	.90	.85	.81	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
5.0	.86	.80	.76	.85	.79	.76	.83	.78	.75	.81	.77	.74	.80	.76	.74	.72
6.0	.81	.75	.71	.80	.75	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.66	.74	.69	.66	.72	.69	.66	.64
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61
9.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.58
10.0	.66	.61	.57	.66	.60	.57	.65	.60	.57	.64	.60	.57	.63	.59	.56	.55



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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	.181	.103	.033	.174	.099	.032	.161	.092	.030	.150	.086	.028	.139	.080	.026		
2.0	.170	.093	.029	.164	.090	.028	.154	.085	.027	.144	.081	.025	.135	.076	.024		
3.0	.160	.085	.025	.155	.083	.025	.146	.079	.024	.137	.075	.023	.130	.072	.022		
4.0	.150	.078	.023	.146	.077	.023	.138	.073	.022	.131	.070	.021	.124	.068	.021		
5.0	.142	.072	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020	.120	.064	.019		
6.0	.135	.068	.019	.132	.067	.019	.126	.064	.019	.120	.062	.018	.115	.061	.018		
7.0	.128	.063	.018	.126	.063	.018	.120	.061	.018	.115	.059	.017	.111	.058	.017		
8.0	.122	.060	.017	.120	.059	.017	.115	.058	.016	.111	.056	.016	.107	.055	.016		
9.0	.117	.057	.016	.115	.056	.016	.111	.055	.015	.107	.053	.015	.103	.052	.015		
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.103	.051	.015	.099	.050	.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	.164	.164	.164	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.172	.158	.145	.147	.136	.125	.101	.093	.087	.058	.054	.050	.019	.017	.016	
2.0	.157	.133	.114	.134	.115	.098	.092	.079	.069	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.091	.124	.099	.079	.085	.069	.055	.049	.040	.033	.016	.013	.011	
4.0	.133	.100	.074	.114	.086	.064	.079	.060	.045	.046	.035	.027	.015	.011	.009	
5.0	.124	.088	.061	.107	.076	.053	.074	.053	.038	.043	.031	.022	.014	.010	.007	
6.0	.116	.079	.051	.100	.068	.045	.069	.048	.032	.040	.028	.019	.013	.009	.006	
7.0	.110	.071	.044	.094	.061	.038	.065	.043	.027	.038	.025	.016	.012	.008	.005	
8.0	.104	.065	.038	.089	.056	.033	.062	.039	.023	.036	.023	.014	.012	.008	.005	
9.0	.098	.059	.033	.085	.051	.029	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.055	.029	.081	.048	.025	.056	.033	.018	.033	.020	.011	.011	.007	.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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm										
NAME: ADL 60W ADR8WH 40°						TYPE:LED			WEIGHT:	
SPEC.:ADL 60W ADR8WH 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	8.1	9.0	8.3	9.1	9.3	7.8	8.7	8.0	8.9	9.1
3H	8.8	9.6	9.1	9.8	10.0	8.6	9.5	8.9	9.7	9.9
4H	9.3	10.1	9.6	10.3	10.5	9.1	9.9	9.4	10.1	10.3
6H	9.7	10.5	10.0	10.7	11.0	9.5	10.3	9.8	10.5	10.8
8H	9.9	10.6	10.2	10.9	11.2	9.7	10.4	10.0	10.7	10.9
12H	10.1	10.8	10.4	11.0	11.3	9.8	10.5	10.1	10.8	11.0
4H 2H	8.2	9.0	8.5	9.2	9.5	8.0	8.8	8.3	9.0	9.2
3H	9.2	9.9	9.6	10.2	10.5	9.1	9.8	9.4	10.0	10.3
4H	9.9	10.5	10.2	10.8	11.1	9.7	10.4	10.1	10.7	11.0
6H	10.5	11.1	10.9	11.4	11.8	10.3	10.9	10.7	11.2	11.6
8H	10.8	11.3	11.2	11.7	12.0	10.6	11.1	11.0	11.5	11.8
12H	11.0	11.5	11.4	11.9	12.3	10.8	11.2	11.2	11.6	12.0
8H 4H	10.1	10.6	10.5	11.0	11.4	10.0	10.5	10.4	10.9	11.2
6H	10.9	11.4	11.4	11.8	12.2	10.8	11.2	11.2	11.6	12.0
8H	11.3	11.7	11.8	12.1	12.6	11.1	11.5	11.6	11.9	12.4
12H	11.6	12.0	12.1	12.4	12.9	11.4	11.7	11.8	12.1	12.6
12H 4H	10.1	10.6	10.6	11.0	11.4	10.0	10.5	10.4	10.9	11.3
6H	11.0	11.4	11.5	11.8	12.3	10.9	11.2	11.3	11.7	12.1
8H	11.4	11.8	11.9	12.2	12.7	11.2	11.6	11.7	12.0	12.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.4					+ 0.5 / - 0.4				
1.5H	+ 1.5 / - 0.4					+ 1.0 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 4477 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.2)

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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	77	86	80	77	86	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	98	92	89	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	109	109	107	106	98
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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

4192.7 lm

%lum = 93.6%

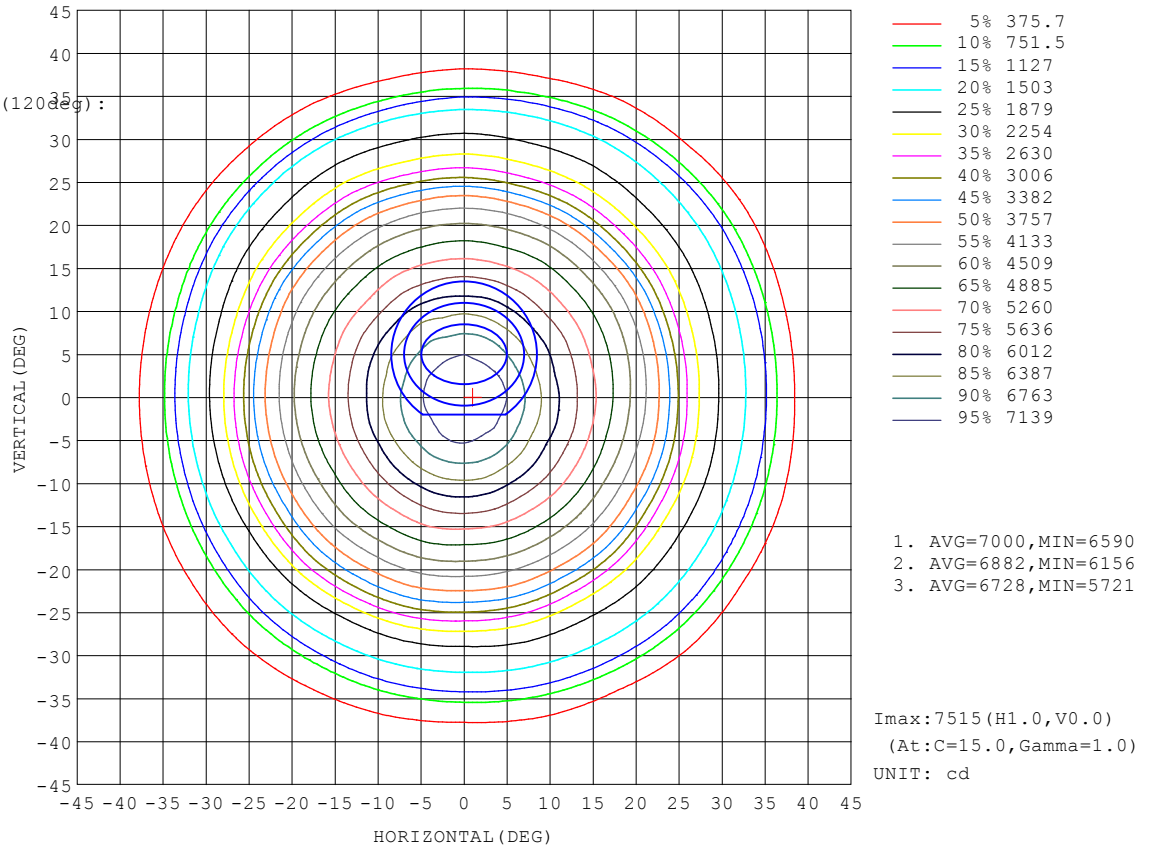
%lamp = 93.6%

Conical surface Flux(120deg):

4330.7 lm

%lum = 96.7%

%lamp = 96.7%

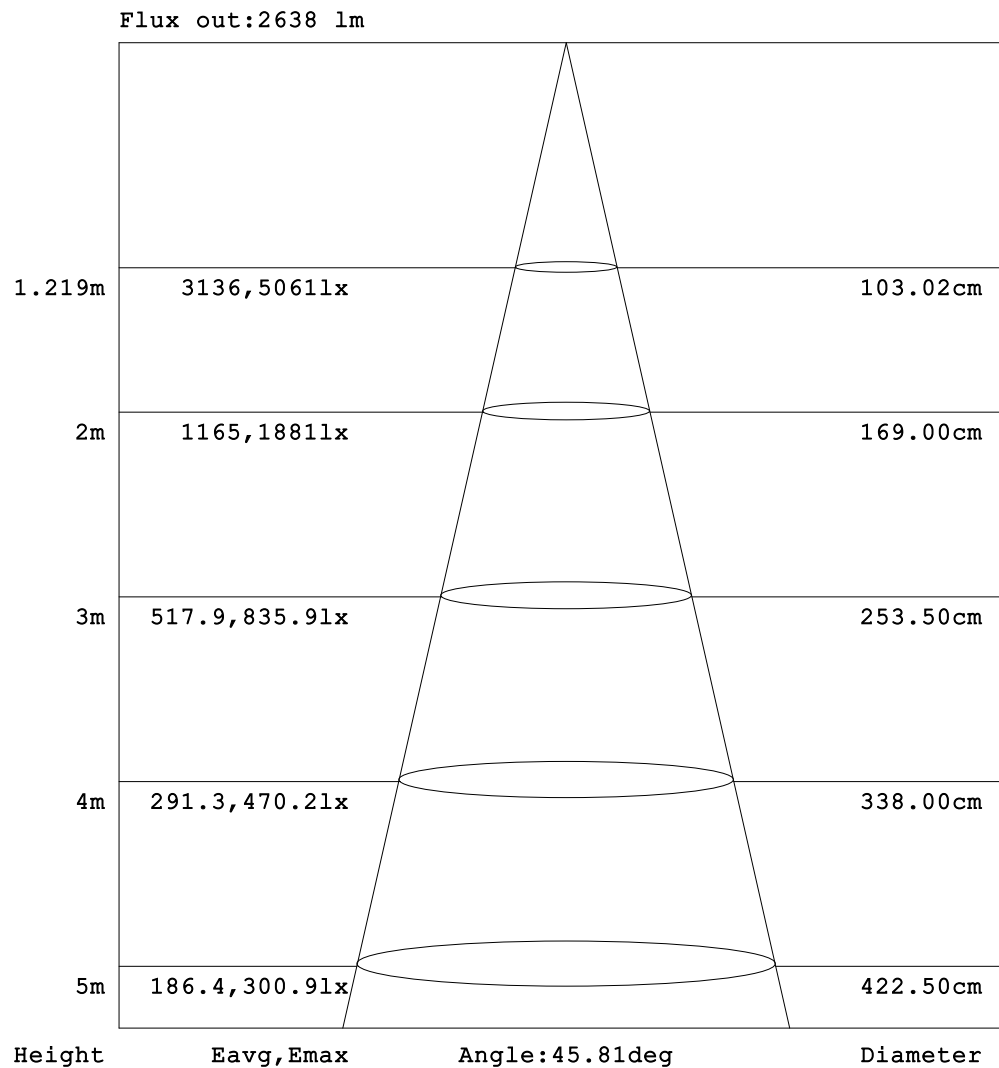


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2018-05-31

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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



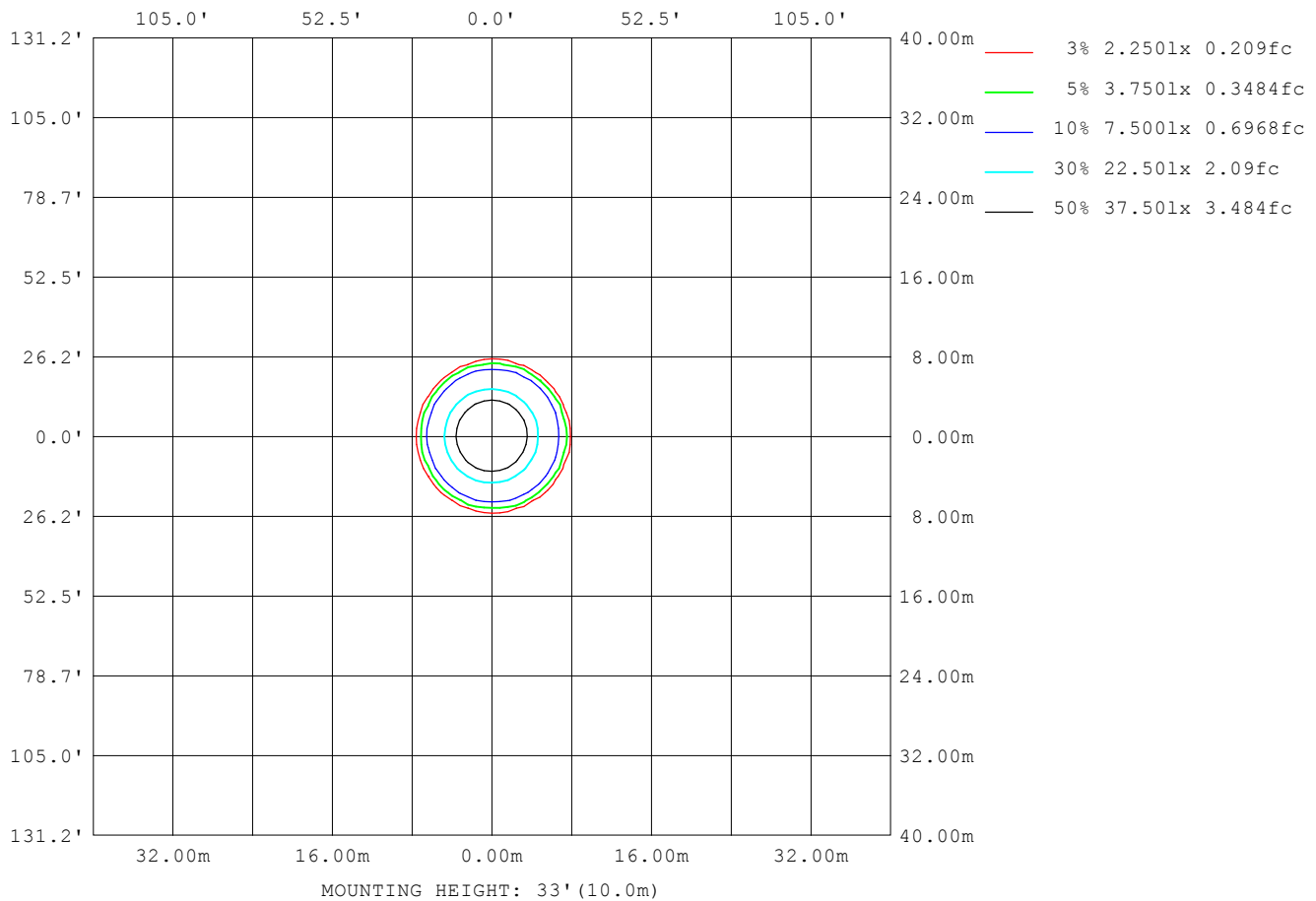
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

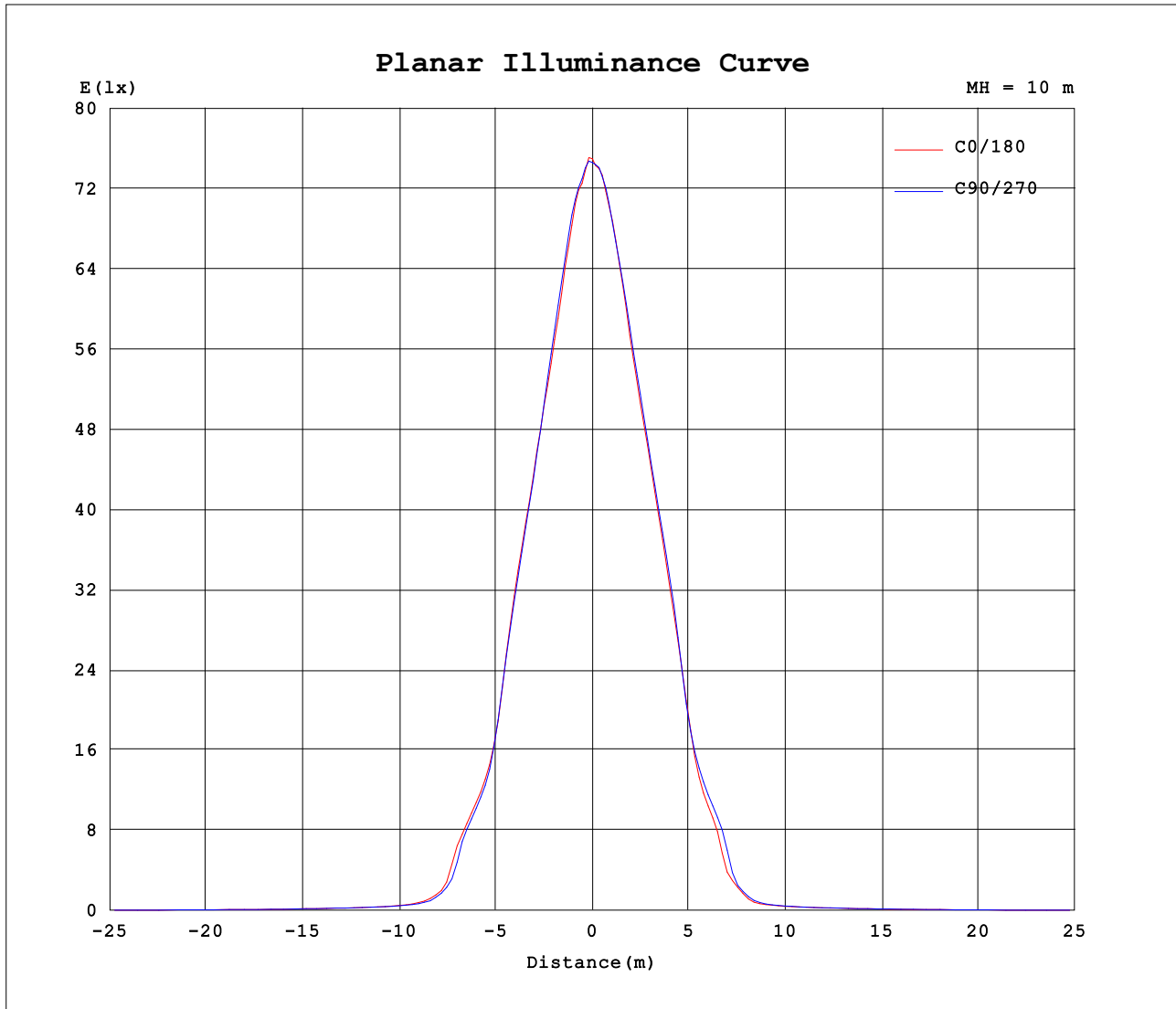
Test:U:120.4V I:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	7500	7490	7490	7476	7474	7464	7462	7454	7454	7457	7457	7465	7500	7490	7490	7476	7474	7464	7462
5	7136	7120	7107	7138	7124	7147	7178	7183	7153	7106	7080	7101	7111	7101	7108	7091	7103	7116	7136
10	6187	6207	6195	6244	6255	6321	6321	6332	6317	6300	6287	6303	6287	6284	6330	6333	6387	6316	6339
15	5324	5301	5296	5304	5298	5325	5318	5371	5331	5334	5331	5353	5389	5390	5425	5418	5473	5459	5470
20	4367	4312	4306	4313	4299	4299	4311	4355	4353	4391	4382	4422	4463	4474	4515	4517	4551	4544	4549
25	2968	2964	2906	2961	2931	2998	2989	3074	3088	3158	3141	3196	3219	3237	3299	3264	3297	3215	3211
30	1825	1821	1803	1801	1774	1774	1744	1739	1731	1734	1751	1773	1803	1824	1897	1911	1967	1953	1975
35	1175	1155	1118	1095	1021	982	877	828	746	722	676	678	696	713	772	809	910	975	1098
40	271	273	266	264	248	240	220	213	201	198	201	185	187	201	193	194	205	210	224
45	147	148	147	146	143	140	136	133	130	128	125	123	123	122	122	123	125	127	131
50	118	119	119	119	118	118	116	115	113	111	109	108	107	107	107	107	108	108	110
55	104	105	105	105	105	104	103	102	100	98.4	96.6	95.4	94.9	94.1	94.0	94.1	94.8	95.4	96.7
60	91.1	91.8	92.2	92.5	92.2	91.7	90.6	89.5	87.8	86.3	84.6	83.4	82.8	82.1	82.1	82.1	82.7	83.3	84.5
65	78.9	79.6	79.9	80.2	79.9	79.5	78.4	77.2	75.6	74.1	72.4	71.3	70.8	70.1	70.1	70.1	70.7	71.3	72.5
70	66.2	66.9	67.1	67.4	67.0	66.6	65.4	64.2	62.5	61.1	59.5	58.4	58.0	57.4	57.4	57.6	58.2	58.9	60.0
75	52.4	53.0	53.0	53.2	52.6	52.1	50.8	49.7	47.9	46.6	45.0	44.2	43.8	43.4	43.6	43.8	44.6	45.2	46.5
80	36.8	37.2	37.0	37.0	36.2	35.6	34.1	33.0	31.3	30.2	28.8	28.2	28.0	27.7	28.2	28.4	29.4	30.1	31.4
85	19.3	19.5	19.0	18.7	17.7	17.0	15.5	14.5	13.1	12.3	11.1	10.8	10.8	10.7	11.3	11.7	12.7	13.3	14.7
90	0.77	0.76	0.21	0.00	0.01	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
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	0.01	0.00	0.02	0.00	0.03	0.00	0.04	0.00	0.03	0.08	0.03	0.05	0.02	0.06	0.01	0.05
120	0.14	0.17	0.17	0.19	0.17	0.20	0.18	0.21	0.17	0.21	0.17	0.20	0.28	0.22	0.26	0.21	0.26	0.20	0.24
125	0.39	0.42	0.39	0.43	0.41	0.44	0.41	0.46	0.43	0.45	0.42	0.45	0.56	0.48	0.53	0.48	0.52	0.46	0.49
130	0.69	0.73	0.70	0.75	0.73	0.75	0.74	0.77	0.73	0.76	0.74	0.75	0.90	0.82	0.86	0.81	0.85	0.79	0.82
135	1.08	1.11	1.07	1.11	1.10	1.12	1.12	1.13	1.10	1.12	1.12	1.13	1.32	1.24	1.27	1.21	1.24	1.21	1.24
140	1.49	1.51	1.48	1.51	1.52	1.53	1.52	1.54	1.50	1.52	1.52	1.54	1.74	1.68	1.69	1.64	1.68	1.64	1.67
145	1.90	1.92	1.91	1.92	1.93	1.94	1.94	1.93	1.90	1.92	1.92	1.94	2.16	2.11	2.10	2.06	2.09	2.07	2.08
150	2.26	2.25	2.26	2.27	2.28	2.30	2.30	2.27	2.26	2.26	2.27	2.27	2.53	2.47	2.48	2.44	2.46	2.44	2.44
155	2.55	2.53	2.55	2.56	2.57	2.58	2.58	2.55	2.54	2.53	2.55	2.53	2.80	2.75	2.76	2.75	2.76	2.72	2.75
160	2.74	2.71	2.73	2.73	2.75	2.76	2.76	2.73	2.73	2.71	2.74	2.73	2.97	2.93	2.94	2.93	2.94	2.92	2.95
165	2.84	2.82	2.82	2.83	2.85	2.88	2.88	2.85	2.85	2.81	2.85	2.85	3.04	3.02	3.00	2.99	3.01	2.99	3.03
170	2.88	2.87	2.88	2.90	2.93	2.94	2.92	2.89	2.89	2.88	2.91	2.89	3.03	3.03	3.02	3.01	3.00	2.99	3.02
175	2.95	2.95	2.98	3.00	3.04	3.02	2.98	2.97	2.97	2.97	2.97	2.95	3.00	3.03	3.04	3.05	3.03	3.02	3.02
180	3.04	3.04	3.06	3.07	3.05	3.04	3.03	3.02	3.03	3.04	3.03	3.01	3.03	3.04	3.06	3.07	3.04	3.04	3.03

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:0.4896A P:58.67W PF:0.9952 Lamp Flux:4477.16x1 lm		
NAME: ADL 60W ADR8WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 60W ADR8WH 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	7454	7454	7457	7457	7465														
5	7088	7087	7090	7113	7127														
10	6320	6274	6238	6205	6157														
15	5458	5432	5371	5361	5311														
20	4531	4541	4494	4494	4437														
25	3130	3141	3072	3081	3005														
30	1939	1946	1901	1898	1852														
35	1142	1211	1212	1235	1206														
40	233	250	255	271	270														
45	134	139	142	145	147														
50	111	113	114	116	117														
55	97.8	99.3	100	102	103														
60	85.5	86.9	87.9	89.3	90.3														
65	73.4	74.8	75.8	77.1	78.1														
70	61.0	62.4	63.3	64.6	65.5														
75	47.5	48.9	49.9	51.1	51.8														
80	32.4	33.8	34.7	35.9	36.5														
85	15.5	16.8	17.6	18.7	19.1														
90	0.02	0.00	0.08	0.70	0.88														
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	0.04	0.01	0.04	0.00														
120	0.19	0.22	0.21	0.23	0.19														
125	0.47	0.49	0.48	0.49	0.47														
130	0.80	0.82	0.80	0.84	0.80														
135	1.22	1.22	1.21	1.25	1.22														
140	1.65	1.65	1.65	1.69	1.67														
145	2.07	2.08	2.08	2.10	2.07														
150	2.44	2.46	2.48	2.50	2.47														
155	2.75	2.75	2.76	2.77	2.74														
160	2.93	2.94	2.92	2.93	2.92														
165	3.03	3.03	3.00	2.97	2.98														
170	3.02	3.02	3.00	3.01	2.99														
175	3.03	3.03	3.05	3.03	3.03														
180	3.03	3.04	3.04	3.03	3.03														

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: