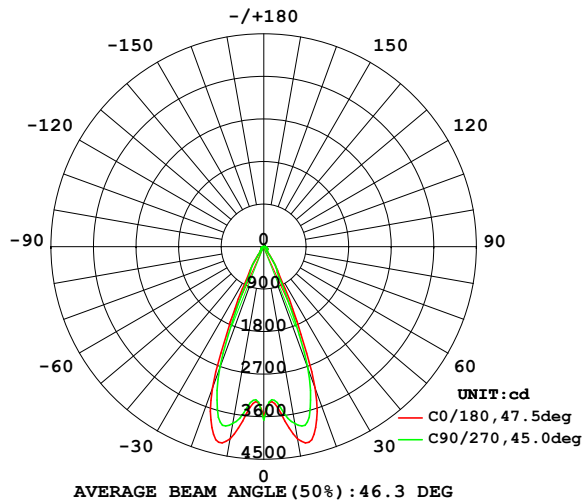


## LUMINAIRE PHOTOMETRIC TEST REPORT

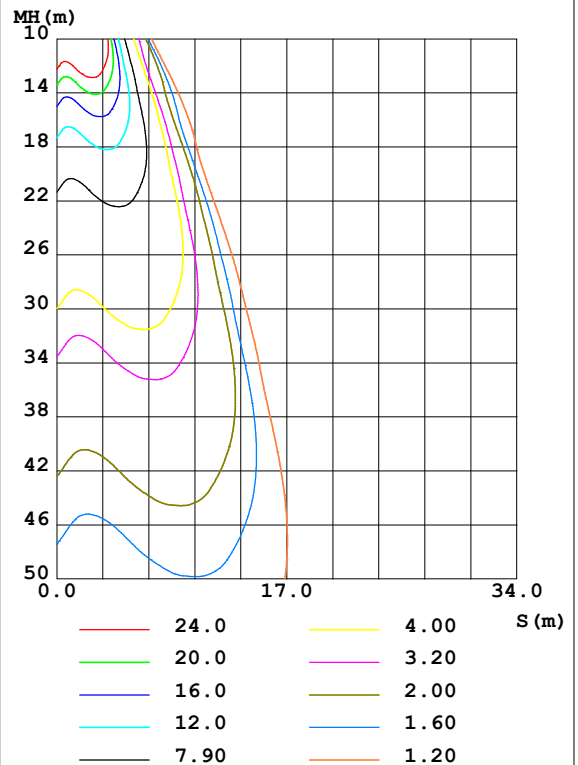
Test:U:120.4V I:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.04 lm/W			
MODEL		I <sub>max</sub> (cd)	4250	S/MH (C0/180)	0.69
NOMINAL POWER (W)	30	LOR (%)	100.0	S/MH (C90/270)	0.64
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	2340.0	η UP, DN (C0-180)	0.0, 50.0
NOMINAL FLUX (lm)	2340.04	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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum
10	4127	3358	3799	3358	4127	3358	3799	3358	0- 10	310.5	310.5	13.3
20	3169	2957	2713	2957	3169	2957	2713	2957	10- 20	1002	1313	56.1
30	585.0	564.6	543.4	564.6	585.0	564.6	543.4	564.6	20- 30	630.2	1943	83
40	109.5	111.7	106.5	111.7	109.5	111.7	106.5	111.7	30- 40	158.3	2101	89.8
50	79.78	81.89	80.86	81.89	79.78	81.89	80.86	81.89	40- 50	71.57	2173	92.8
60	61.56	63.54	62.36	63.54	61.56	63.54	62.36	63.54	50- 60	64.72	2237	95.6
70	42.88	44.39	42.74	44.39	42.88	44.39	42.74	44.39	60- 70	53.02	2290	97.9
80	22.34	22.92	20.87	22.92	22.34	22.92	20.87	22.92	70- 80	35.10	2325	99.4
90	0.9269	0.5395	0.0036	0.5395	0.9269	0.5395	0.0036	0.5395	80- 90	12.25	2338	99.9
100	0	0	0	0	0	0	0	0	90-100	0.0261	2338	99.9
110	0	0	0	0	0	0	0	0	100-110	0	2338	99.9
120	0	0	0	0	0	0	0	0	110-120	0	2338	99.9
130	0.1857	0.2415	0.2343	0.2415	0.1857	0.2415	0.2343	0.2415	120-130	0.0533	2338	99.9
140	0.6686	0.7516	0.7440	0.7516	0.6686	0.7516	0.7440	0.7516	130-140	0.3607	2338	99.9
150	1.192	1.269	1.268	1.269	1.192	1.269	1.268	1.269	140-150	0.6214	2339	99.9
160	1.523	1.530	1.537	1.530	1.523	1.530	1.537	1.530	150-160	0.6604	2339	100
170	1.482	1.448	1.448	1.448	1.482	1.448	1.448	1.448	160-170	0.4280	2340	100
180	1.537	1.565	1.565	1.565	1.537	1.565	1.565	1.565	170-180	0.1407	2340	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

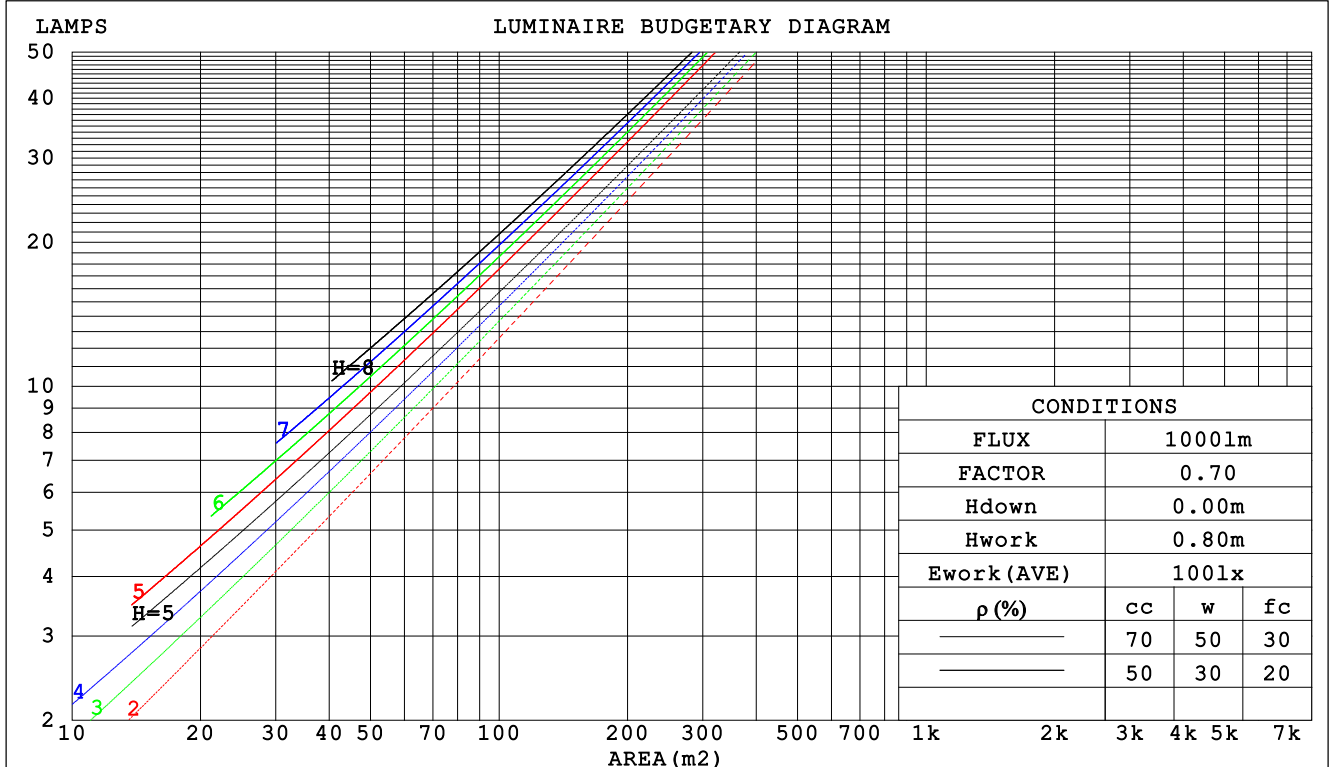
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Aaron  
Test Date:2018-05-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.95	.93	.90	.92	.90	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.82	.78	.75	.80	.77	.74	.73
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.67	.74	.70	.67	.73	.70	.67	.65
8.0	.74	.68	.65	.73	.68	.64	.72	.68	.64	.71	.67	.64	.70	.66	.64	.62
9.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.64	.61	.59
10.0	.67	.62	.59	.67	.62	.59	.66	.62	.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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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	.183	.104	.033	.176	.100	.032	.163	.094	.030	.152	.087	.028	.141	.082	.026		
2.0	.171	.093	.029	.165	.091	.028	.154	.086	.027	.144	.081	.025	.135	.077	.024		
3.0	.159	.085	.025	.154	.083	.025	.145	.079	.024	.137	.075	.023	.129	.072	.022		
4.0	.149	.078	.023	.145	.076	.022	.137	.073	.022	.130	.070	.021	.123	.067	.020		
5.0	.140	.072	.021	.137	.070	.020	.130	.068	.020	.124	.065	.019	.118	.063	.019		
6.0	.133	.067	.019	.130	.065	.019	.124	.063	.018	.118	.061	.018	.113	.060	.018		
7.0	.126	.062	.018	.123	.061	.017	.118	.060	.017	.113	.058	.017	.109	.056	.017		
8.0	.120	.059	.016	.117	.058	.016	.113	.056	.016	.108	.055	.016	.104	.054	.016		
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015		
10.0	.109	.052	.015	.107	.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	.145	.147	.136	.125	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.133	.113	.134	.115	.098	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.091	.123	.099	.079	.085	.069	.055	.049	.040	.033	.016	.013	.011	
4.0	.133	.100	.074	.114	.086	.064	.078	.060	.045	.045	.035	.027	.015	.011	.009	
5.0	.124	.088	.061	.106	.076	.053	.073	.053	.038	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.052	.099	.068	.045	.069	.047	.032	.040	.028	.019	.013	.009	.006	
7.0	.109	.071	.044	.093	.061	.038	.065	.043	.027	.038	.025	.016	.012	.008	.005	
8.0	.103	.064	.038	.088	.056	.033	.061	.039	.023	.036	.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:



### UTILIZATION FACTORS TABLE

Test:U:120.4V I:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	78	75	84	78	74	71
0.80	93	86	82	92	86	82	91	85	82	78
1.00	97	91	87	96	91	87	95	91	86	82
1.25	101	96	92	100	95	91	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	102	99	106	101	98	103	99	97	91
2.50	109	105	101	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2138.1 lm

%lum = 91.4%

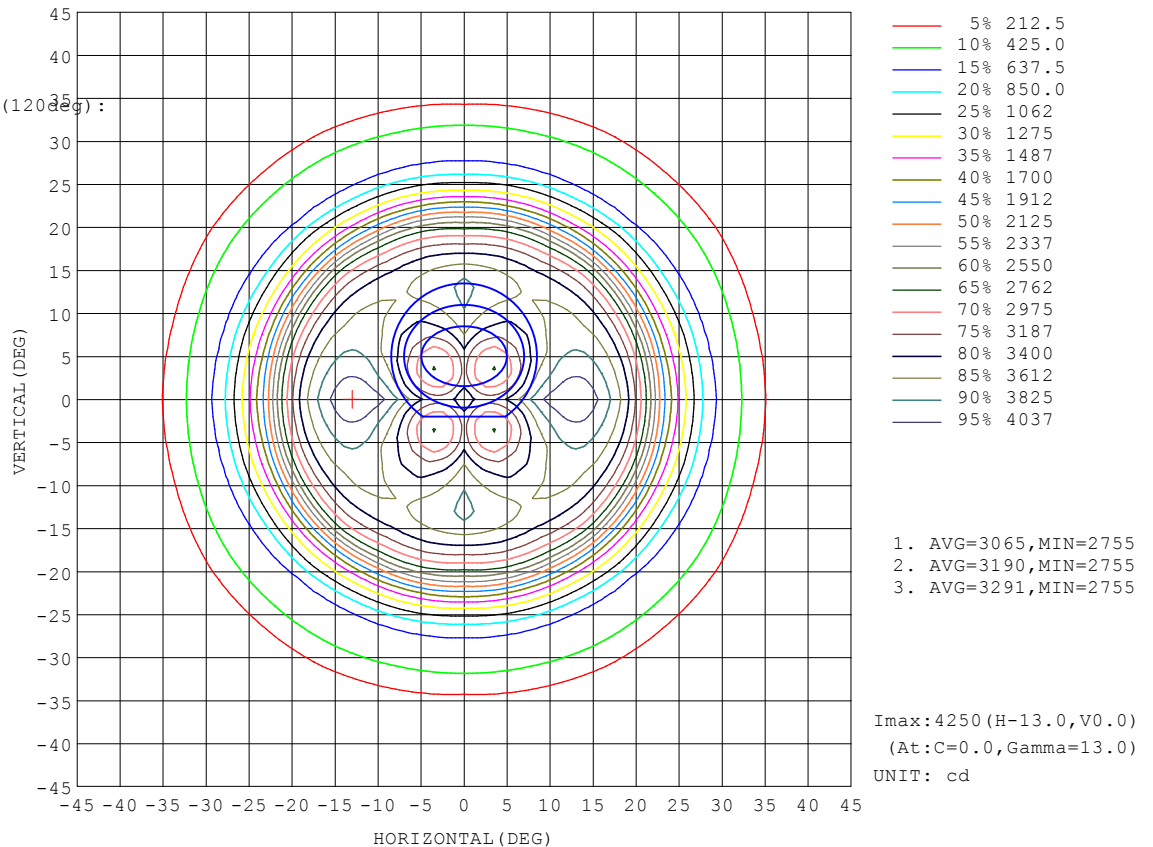
%lamp = 91.4%

Conical surface Flux(120deg):

2237.4 lm

%lum = 95.6%

%lamp = 95.6%

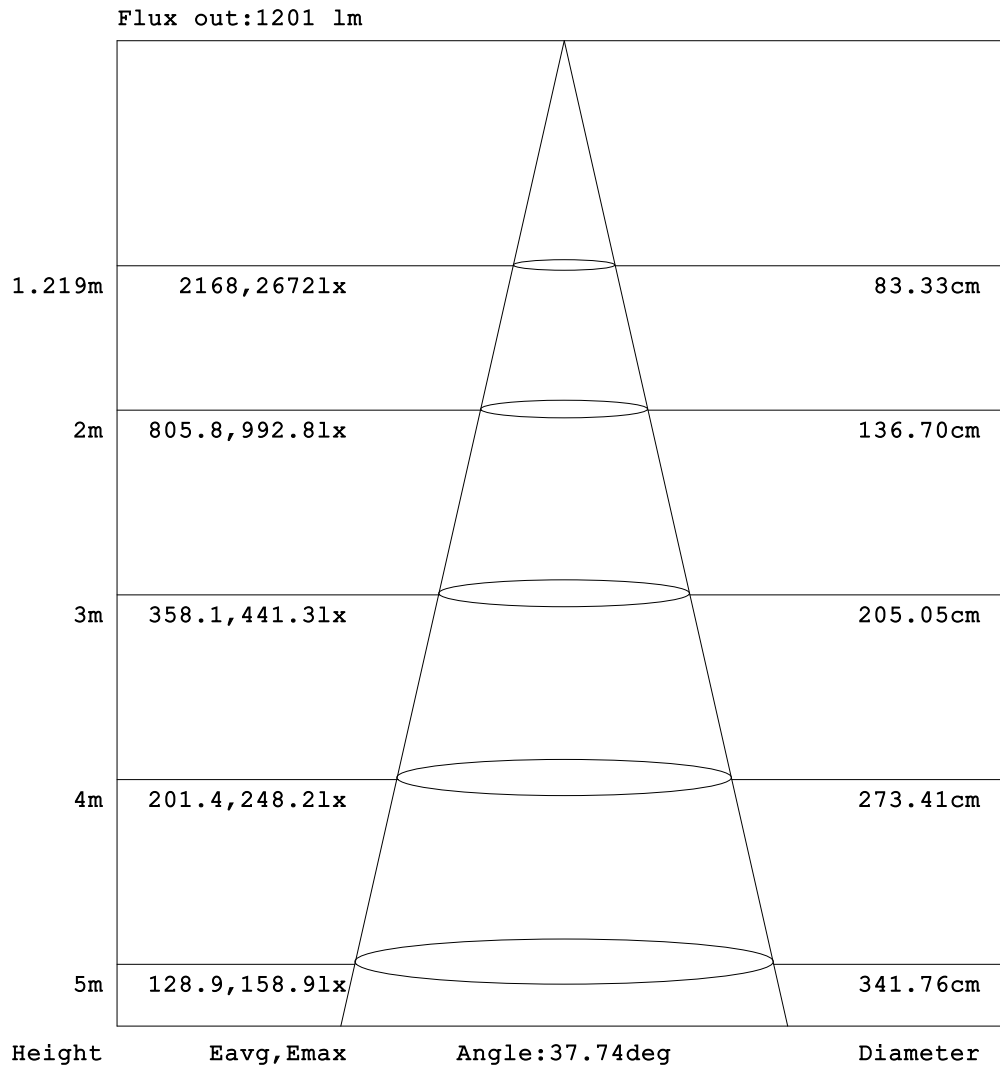


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Aaron  
Test Date:2018-05-31

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:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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.

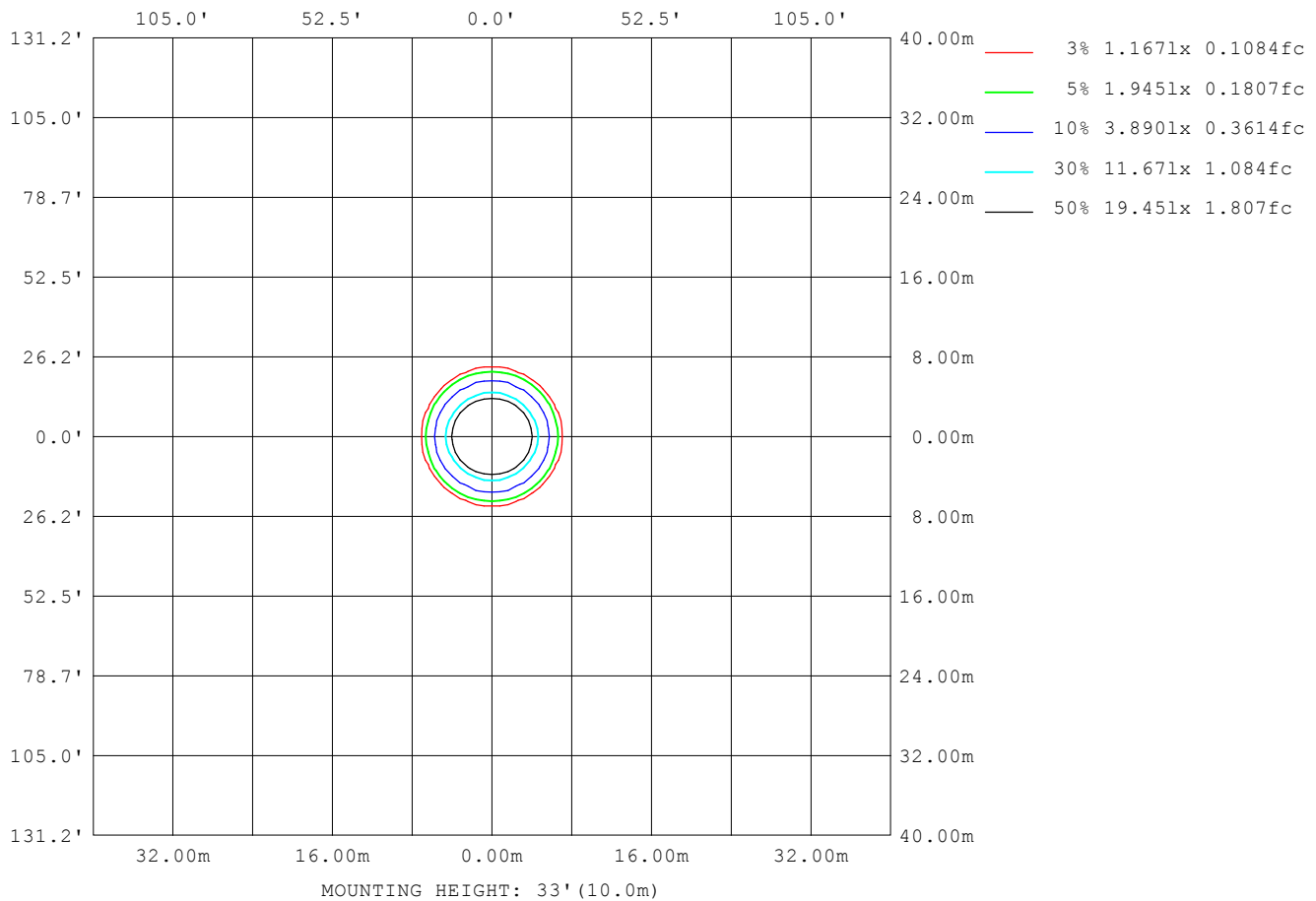
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Aaron  
Test Date:2018-05-31

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

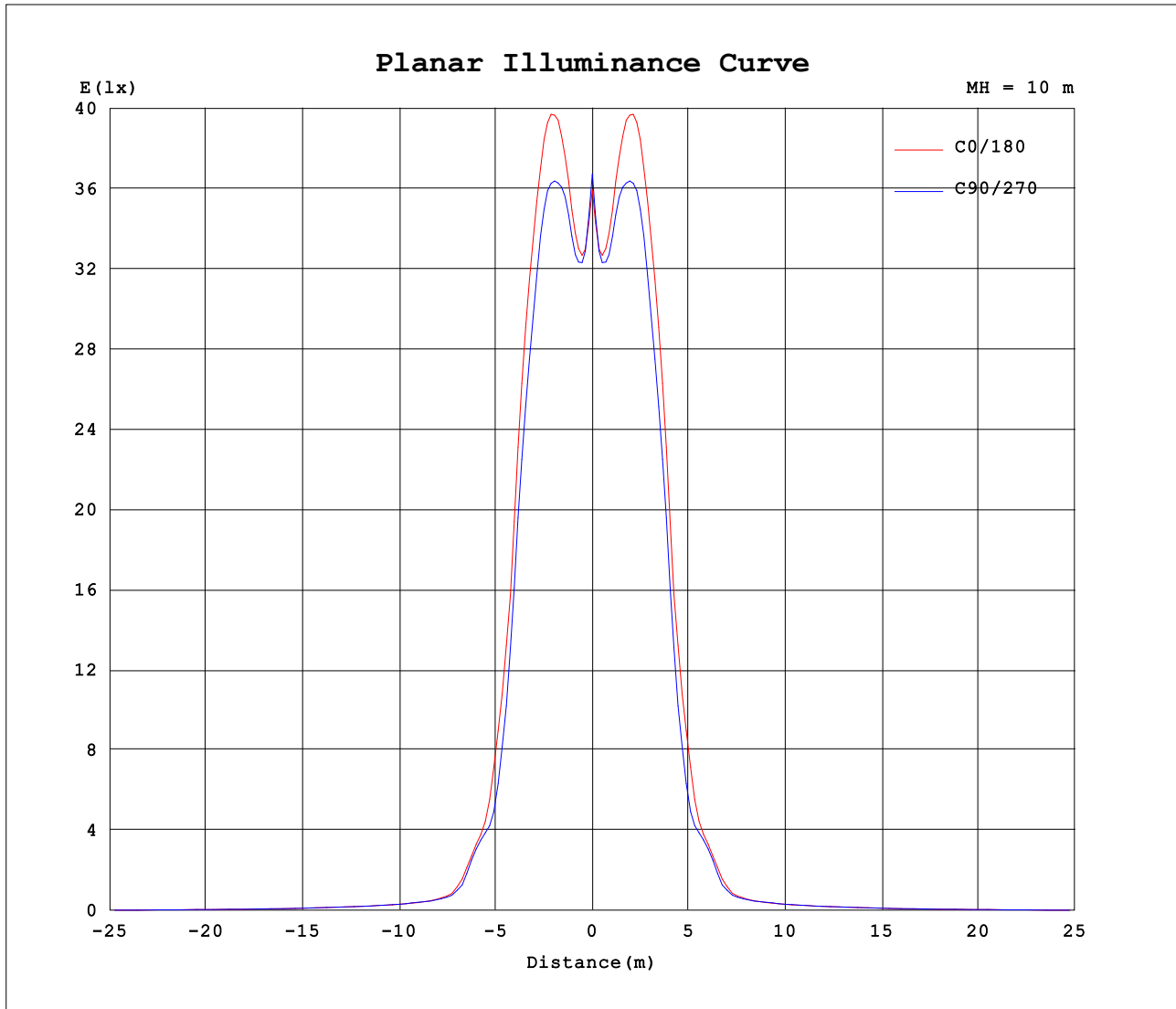
Test:U:120.4V I:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 40°	DIM.:	SERIAL No.:01
MFR.: GREEN CREATIVE	SUR.:	PROTECTION ANGLE:



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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	3595	3626	3607	3651	3635	3687	3674	3687	3635	3651	3607	3626	3595	3626	3607	3651	3635	3687	3674
5	3416	3116	2848	2752	2777	3008	3308	3008	2777	2752	2848	3116	3416	3116	2848	2752	2777	3008	3308
10	4127	3801	3508	3358	3357	3554	3799	3554	3357	3358	3508	3801	4127	3801	3508	3358	3357	3554	3799
15	4109	3899	3709	3630	3573	3659	3736	3659	3573	3630	3709	3899	4109	3899	3709	3630	3573	3659	3736
20	3169	3112	3014	2957	2809	2791	2713	2791	2809	2957	3014	3112	3169	3112	3014	2957	2809	2791	2713
25	1453	1396	1315	1259	1192	1157	1101	1157	1192	1259	1315	1396	1453	1396	1315	1259	1192	1157	1101
30	585	573	565	565	552	549	543	549	552	565	565	573	585	573	565	565	552	549	543
35	218	200	209	191	200	181	184	181	200	191	209	200	218	200	209	191	200	181	184
40	110	110	111	112	110	109	106	109	110	112	111	110	110	110	111	112	110	109	106
45	90.7	92.0	92.4	92.7	91.7	91.0	89.5	91.0	91.7	92.7	92.4	92.0	90.7	92.0	92.4	92.7	91.7	91.0	89.5
50	79.8	80.8	81.4	81.9	81.9	81.7	80.9	81.7	81.9	81.9	81.4	80.8	79.8	80.8	81.4	81.9	81.9	81.7	80.9
55	70.9	72.0	72.5	73.0	72.9	72.7	71.8	72.7	72.9	73.0	72.5	72.0	70.9	72.0	72.5	73.0	72.9	72.7	71.8
60	61.6	62.6	63.1	63.5	63.4	63.2	62.4	63.2	63.4	63.5	63.1	62.6	61.6	62.6	63.1	63.5	63.4	63.2	62.4
65	52.4	53.4	53.9	54.2	54.0	53.8	52.8	53.8	54.0	54.2	53.9	53.4	52.4	53.4	53.9	54.2	54.0	53.8	52.8
70	42.9	43.8	44.1	44.4	44.1	43.7	42.7	43.7	44.1	44.4	44.1	43.8	42.9	43.8	44.1	44.4	44.1	43.7	42.7
75	32.8	33.5	33.7	33.9	33.4	33.0	32.0	33.0	33.4	33.9	33.7	33.5	32.8	33.5	33.7	33.9	33.4	33.0	32.0
80	22.3	22.9	22.9	22.9	22.3	21.9	20.9	21.9	22.3	22.9	22.9	22.9	22.3	22.9	22.9	22.9	22.3	21.9	20.9
85	11.6	11.9	11.8	11.6	11.0	10.5	9.55	10.5	11.0	11.6	11.8	11.9	11.6	11.9	11.8	11.6	11.0	10.5	9.55
90	0.93	1.04	0.73	0.54	0.05	0.00	0.00	0.00	0.05	0.54	0.73	1.04	0.93	1.04	0.73	0.54	0.05	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	0.03	0.01	0.06	0.03	0.06	0.01	0.03	0.00	0.02	0.00	0.02	0.00	0.03	0.01	0.06	0.03
130	0.19	0.23	0.19	0.24	0.21	0.27	0.23	0.27	0.21	0.24	0.19	0.23	0.19	0.23	0.19	0.24	0.21	0.27	0.23
135	0.41	0.46	0.43	0.48	0.47	0.51	0.49	0.51	0.47	0.48	0.43	0.46	0.41	0.46	0.43	0.48	0.47	0.51	0.49
140	0.67	0.72	0.70	0.75	0.75	0.78	0.74	0.78	0.75	0.75	0.70	0.72	0.67	0.72	0.70	0.75	0.75	0.78	0.74
145	0.93	0.99	0.97	1.02	1.00	1.05	1.02	1.05	1.00	1.02	0.97	0.99	0.93	0.99	0.97	1.02	1.00	1.05	1.02
150	1.19	1.27	1.23	1.27	1.25	1.30	1.27	1.30	1.25	1.27	1.23	1.27	1.19	1.27	1.23	1.27	1.25	1.30	1.27
155	1.41	1.47	1.43	1.46	1.45	1.50	1.46	1.50	1.45	1.46	1.43	1.47	1.41	1.47	1.43	1.46	1.45	1.50	1.46
160	1.52	1.54	1.53	1.53	1.52	1.54	1.54	1.54	1.52	1.53	1.53	1.54	1.52	1.54	1.53	1.53	1.52	1.54	1.54
165	1.54	1.50	1.52	1.50	1.53	1.52	1.54	1.52	1.53	1.50	1.52	1.50	1.54	1.50	1.52	1.50	1.53	1.52	1.54
170	1.48	1.45	1.46	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.46	1.45	1.48	1.45	1.46	1.45	1.45	1.45	1.45
175	1.47	1.48	1.47	1.52	1.48	1.50	1.45	1.50	1.48	1.52	1.47	1.48	1.47	1.48	1.47	1.52	1.48	1.50	1.45
180	1.54	1.54	1.56	1.56	1.55	1.56	1.56	1.56	1.55	1.56	1.56	1.54	1.54	1.54	1.56	1.56	1.55	1.56	1.56

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:0.2713A P:32.48W PF:0.9945 Lamp Flux:2340.04x1 lm		
NAME: ADL 30W ADR4WH 40°	TYPE:LED	WEIGHT:
SPEC.:ADL 30W ADR4WH 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	3687	3635	3651	3607	3626														
5	3008	2777	2752	2848	3116														
10	3554	3357	3358	3508	3801														
15	3659	3573	3630	3709	3899														
20	2791	2809	2957	3014	3112														
25	1157	1192	1259	1315	1396														
30	549	552	565	565	573														
35	181	200	191	209	200														
40	109	110	112	111	110														
45	91.0	91.7	92.7	92.4	92.0														
50	81.7	81.9	81.9	81.4	80.8														
55	72.7	72.9	73.0	72.5	72.0														
60	63.2	63.4	63.5	63.1	62.6														
65	53.8	54.0	54.2	53.9	53.4														
70	43.7	44.1	44.4	44.1	43.8														
75	33.0	33.4	33.9	33.7	33.5														
80	21.9	22.3	22.9	22.9	22.9														
85	10.5	11.0	11.6	11.8	11.9														
90	0.00	0.05	0.54	0.73	1.04														
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	0.06	0.01	0.03	0.00	0.02														
130	0.27	0.21	0.24	0.19	0.23														
135	0.51	0.47	0.48	0.43	0.46														
140	0.78	0.75	0.75	0.70	0.72														
145	1.05	1.00	1.02	0.97	0.99														
150	1.30	1.25	1.27	1.23	1.27														
155	1.50	1.45	1.46	1.43	1.47														
160	1.54	1.52	1.53	1.53	1.54														
165	1.52	1.53	1.50	1.52	1.50														
170	1.45	1.45	1.45	1.46	1.45														
175	1.50	1.48	1.52	1.47	1.48														
180	1.56	1.55	1.56	1.56	1.54														

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: