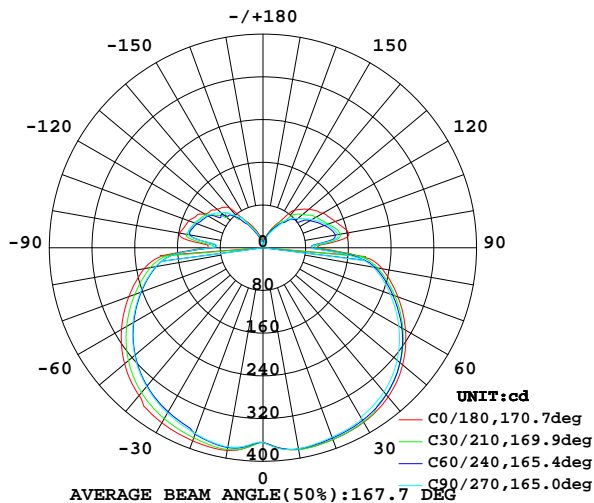


# LUMINAIRE PHOTOMETRIC TEST REPORT

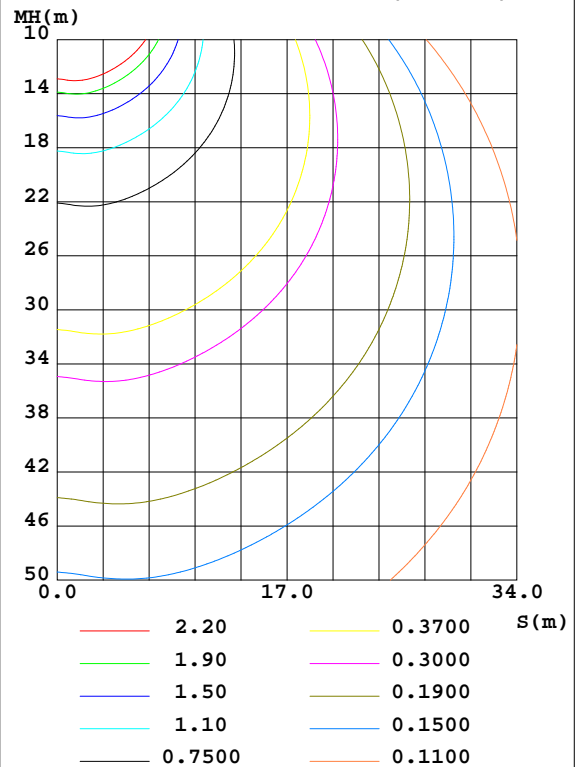
Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.34 lm/W			
MODEL	GLCIRS3D30	Imax(cd)	386.5	S/MH(C0/180)	1.55
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.46
RATED VOLTAGE(V)	AC100-277	TOTAL FLUX(lm)	2416.9	$\eta$ UP,DN(C0-180)	12.6,37.5
NOMINAL FLUX(lm)	2416.94	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	13.2,36.7
LAMPS INSIDE	1	$\eta$ up(%)	25.8	CIBSE SHR NOM	1.75
TEST VOLTAGE(V)	220.2	$\eta$ down(%)	74.2	CIBSE SHR MAX	1.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



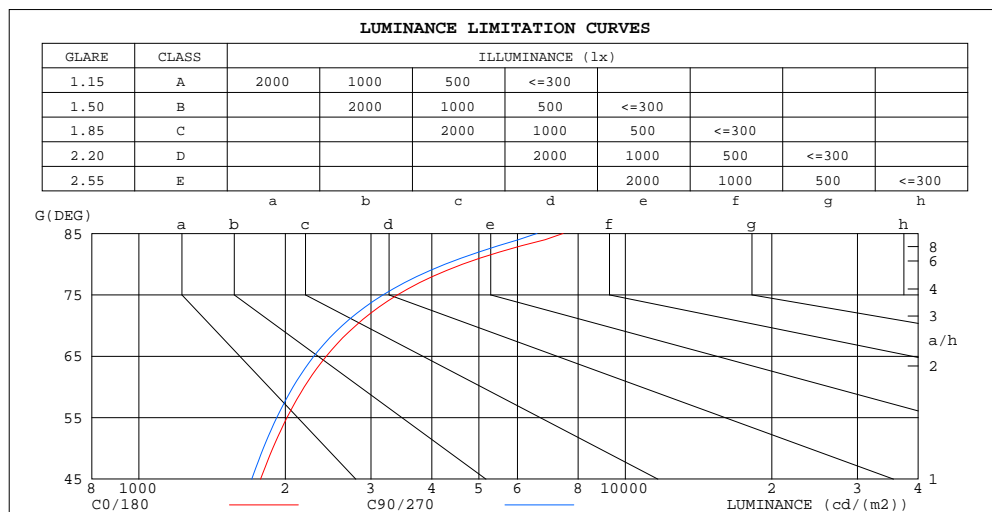
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:TONY  
 Test Date:2017-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	383.5	383.0	382.4	384.2	385.3	381.8	378.6	381.0	0- 10	36.10	36.10	1.49,1.49
20	382.3	380.8	377.4	380.0	384.7	375.4	370.5	376.7	10- 20	108.0	144.1	5.96,5.96
30	377.4	374.7	368.7	373.3	378.8	362.3	357.7	364.9	20- 30	173.0	317.1	13.1,13.1
40	364.6	358.9	352.3	357.1	361.1	345.9	339.3	349.1	30- 40	227.3	544.3	22.5,22.5
50	341.3	335.1	327.8	332.9	338.3	320.7	313.7	324.2	40- 50	264.6	808.9	33.5,33.5
60	308.1	301.4	293.6	299.5	306.0	287.2	280.8	290.8	50- 60	280.4	1089	45.1,45.1
70	269.0	260.6	253.4	259.8	267.3	249.1	244.2	252.4	60- 70	274.0	1363	56.4,56.4
80	226.4	215.3	209.3	214.6	225.8	208.4	204.3	211.3	70- 80	249.0	1612	66.7,66.7
90	102.9	94.67	92.10	94.89	104.4	96.54	97.81	101.8	80- 90	180.8	1793	74.2,74.2
100	162.7	142.1	142.3	139.7	158.1	142.1	141.7	142.7	90-100	128.2	1921	79.5,79.5
110	144.2	126.1	126.7	123.3	147.9	134.0	135.2	131.9	100-110	147.5	2069	85.6,85.6
120	129.6	108.2	105.7	106.7	126.7	121.9	120.8	122.4	110-120	123.7	2193	90.7,90.7
130	112.4	89.30	85.74	87.17	112.4	91.42	102.9	98.81	120-130	94.63	2287	94.6,94.6
140	92.00	66.42	68.17	63.22	97.62	71.49	78.46	78.64	130-140	67.92	2355	97.4,97.4
150	51.26	45.65	39.27	40.05	53.66	44.86	45.05	51.30	140-150	38.20	2393	99.99
160	30.11	27.67	22.72	23.00	32.26	23.98	25.29	29.30	150-160	16.85	2410	99.7,99.7
170	16.98	15.43	10.52	13.99	19.00	15.49	12.77	16.57	160-170	5.825	2416	100,100
180	3.996	3.627	3.652	3.472	3.941	3.584	3.664	3.530	170-180	0.9677	2417	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7447	6584
80	4628	4260
75	3401	3175
70	2791	2618
65	2428	2289
60	2187	2075
55	2016	1921
50	1885	1802
45	1779	1706

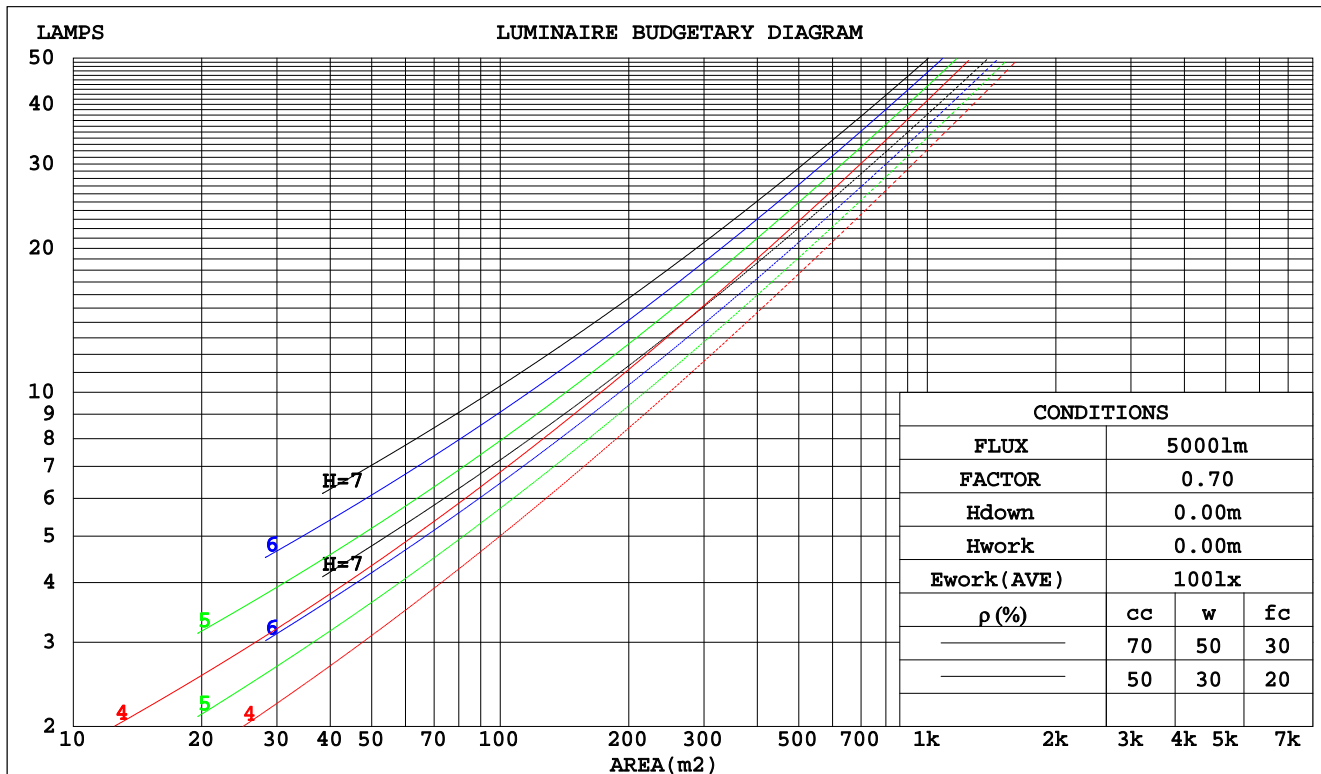
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:TONY  
 Test Date:2017-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	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	Coefficients of Utilization(CU)															
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	.93	.88	.83	.88	.84	.79	.79	.75	.72	.71	.68	.65	.63	.61	.59	.55
2.0	.79	.71	.65	.75	.68	.62	.67	.61	.56	.60	.55	.51	.53	.50	.46	.43
3.0	.68	.59	.52	.65	.56	.50	.58	.51	.46	.52	.46	.42	.46	.41	.38	.34
4.0	.60	.50	.43	.57	.48	.41	.51	.44	.38	.45	.39	.35	.40	.35	.31	.28
5.0	.53	.43	.36	.50	.41	.35	.45	.38	.32	.40	.34	.29	.36	.31	.27	.24
6.0	.47	.38	.31	.45	.36	.30	.40	.33	.27	.36	.30	.25	.32	.27	.23	.20
7.0	.42	.33	.27	.40	.32	.26	.36	.29	.24	.33	.27	.22	.29	.24	.20	.18
8.0	.38	.30	.24	.36	.28	.23	.33	.26	.21	.30	.24	.19	.27	.22	.18	.15
9.0	.35	.27	.21	.33	.25	.20	.30	.23	.19	.27	.21	.17	.25	.20	.16	.14
10.0	.32	.24	.19	.31	.23	.18	.28	.21	.17	.25	.20	.15	.23	.18	.14	.12



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:TONY  
 Test Date:2017-12-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	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	.393	.224	.071	.378	.216	.069	.350	.201	.064	.324	.187	.060	.300	.174	.056		
2.0	.339	.186	.057	.326	.179	.055	.300	.167	.052	.276	.155	.049	.254	.144	.045		
3.0	.300	.160	.048	.288	.154	.046	.265	.143	.044	.243	.133	.041	.223	.123	.038		
4.0	.270	.140	.041	.258	.135	.040	.237	.126	.038	.217	.117	.035	.199	.108	.033		
5.0	.244	.125	.036	.234	.120	.035	.215	.112	.033	.197	.104	.031	.180	.096	.029		
6.0	.224	.112	.032	.214	.108	.031	.196	.101	.029	.180	.093	.027	.164	.086	.026		
7.0	.206	.102	.029	.197	.098	.028	.181	.091	.026	.166	.085	.025	.151	.079	.023		
8.0	.191	.093	.026	.183	.090	.025	.168	.084	.024	.153	.078	.022	.140	.072	.021		
9.0	.177	.086	.024	.170	.083	.023	.156	.077	.022	.143	.072	.021	.131	.066	.019		
10.0	.166	.079	.022	.159	.077	.021	.146	.072	.020	.134	.066	.019	.122	.062	.018		

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	.387	.387	.387	.331	.331	.331	.226	.226	.226	.130	.130	.130	.041	.041	.041	
1.0	.384	.354	.326	.329	.304	.281	.225	.209	.194	.129	.121	.113	.041	.039	.036	
2.0	.378	.331	.292	.324	.285	.252	.222	.197	.176	.128	.115	.103	.041	.037	.034	
3.0	.371	.315	.271	.318	.272	.235	.218	.189	.165	.126	.110	.097	.041	.036	.032	
4.0	.363	.303	.257	.312	.262	.223	.214	.182	.157	.124	.107	.093	.040	.035	.031	
5.0	.356	.293	.247	.306	.254	.215	.211	.177	.152	.122	.104	.090	.039	.034	.030	
6.0	.348	.286	.241	.300	.247	.210	.207	.173	.148	.120	.102	.088	.039	.033	.029	
7.0	.341	.279	.236	.294	.242	.205	.203	.170	.145	.118	.100	.087	.038	.033	.029	
8.0	.335	.274	.232	.288	.237	.202	.199	.167	.143	.116	.098	.085	.038	.032	.028	
9.0	.328	.269	.229	.283	.234	.200	.196	.164	.142	.114	.097	.085	.037	.032	.028	
10.0	.323	.265	.227	.278	.230	.198	.193	.162	.140	.113	.096	.084	.036	.031	.028	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:TONY  
 Test Date:2017-12-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm										
NAME: GEOLYTE CIRCLE SINGLE 3000K					TYPE:DECORATIVE LIGHTING			WEIGHT:4.45KG		
SPEC.:D600X72MM 30W					DIM.: D600X72MM			SERIAL No.:QC-171215-01		
MFR.: ACOLYTE					SUR.:CIRCLE SINGLE			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	14.0	15.3	14.6	15.9	16.6	13.8	15.1	14.4	15.7	16.4
3H	16.6	17.8	17.2	18.4	19.2	16.3	17.5	17.0	18.2	18.9
4H	18.0	19.2	18.7	19.8	20.6	17.7	18.9	18.4	19.5	20.3
6H	19.6	20.6	20.2	21.3	22.1	19.2	20.3	19.9	21.0	21.8
8H	20.4	21.5	21.1	22.1	23.0	20.0	21.0	20.7	21.7	22.6
12H	21.3	22.3	22.0	23.0	23.8	20.8	21.8	21.5	22.5	23.3
4H 2H	14.8	15.9	15.4	16.6	17.4	14.7	15.8	15.3	16.5	17.2
3H	17.6	18.6	18.3	19.3	20.1	17.4	18.4	18.1	19.1	19.9
4H	19.1	20.1	19.9	20.8	21.6	18.9	19.8	19.6	20.5	21.4
6H	20.9	21.7	21.6	22.4	23.3	20.6	21.4	21.3	22.1	23.0
8H	21.8	22.6	22.6	23.4	24.3	21.5	22.2	22.2	23.0	23.9
12H	22.8	23.5	23.6	24.3	25.2	22.4	23.1	23.1	23.9	24.8
8H 4H	19.7	20.5	20.5	21.2	22.1	19.5	20.3	20.3	21.0	21.9
6H	21.7	22.4	22.5	23.1	24.1	21.5	22.1	22.2	22.9	23.8
8H	22.8	23.4	23.6	24.2	25.2	22.5	23.1	23.3	23.9	24.9
12H	24.1	24.6	24.9	25.4	26.4	23.6	24.1	24.4	24.9	25.9
12H 4H	19.8	20.5	20.6	21.3	22.2	19.7	20.4	20.4	21.1	22.1
6H	21.9	22.5	22.7	23.3	24.3	21.7	22.3	22.5	23.1	24.1
8H	23.2	23.7	24.0	24.5	25.5	22.9	23.4	23.7	24.2	25.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 2417 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:TONY  
 Test Date:2017-12-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	PROTECTION ANGLE:

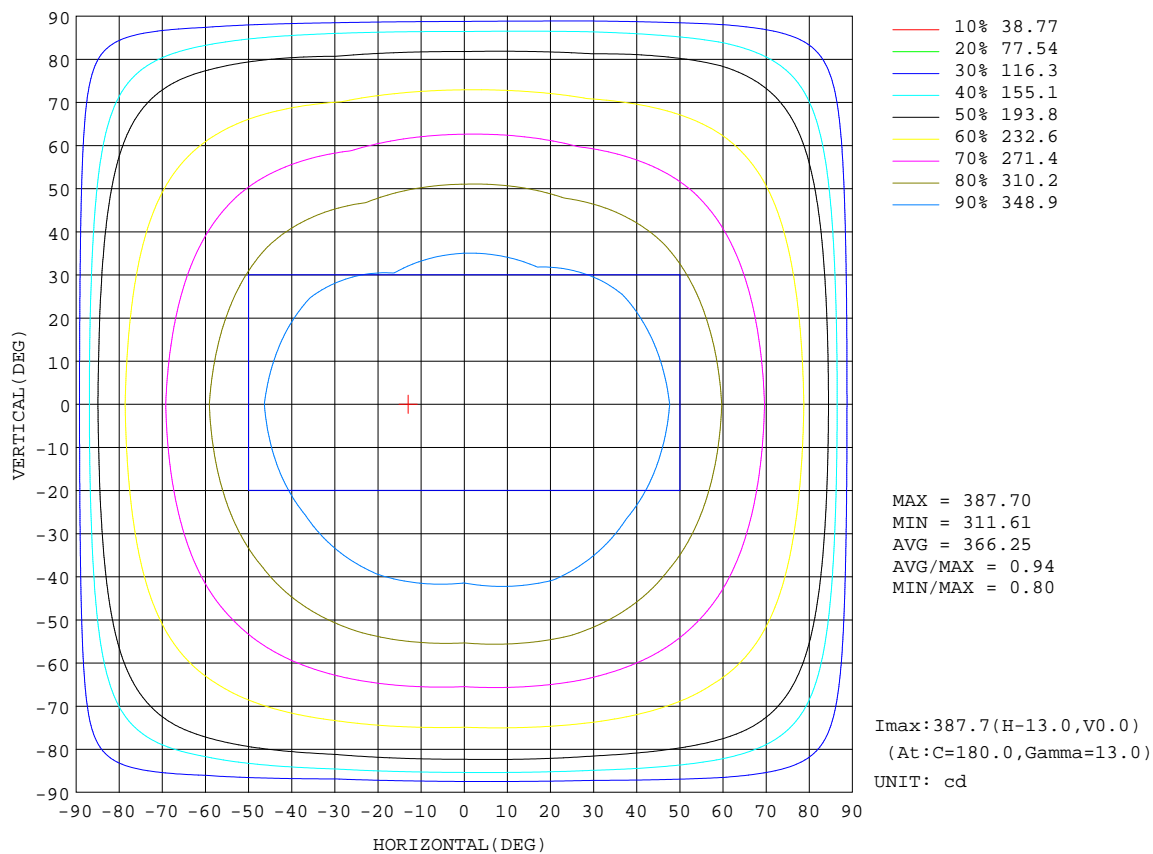
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	38	30	49	36	29	44	33	26	16
0.80	61	47	38	57	45	37	51	41	34	21
1.00	68	55	46	64	52	44	57	47	40	27
1.25	75	62	53	70	59	51	62	53	47	32
1.50	79	68	59	75	64	56	66	58	51	35
2.00	86	76	68	81	72	65	72	65	59	41
2.50	90	81	73	85	77	70	75	69	64	45
3.00	93	85	78	88	81	75	78	73	68	49
4.00	98	91	85	92	86	81	82	77	73	53
5.00	100	94	89	95	89	85	85	80	77	56
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Ceiling Mounted					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:TONY  
 Test Date:2017-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	PROTECTION ANGLE:



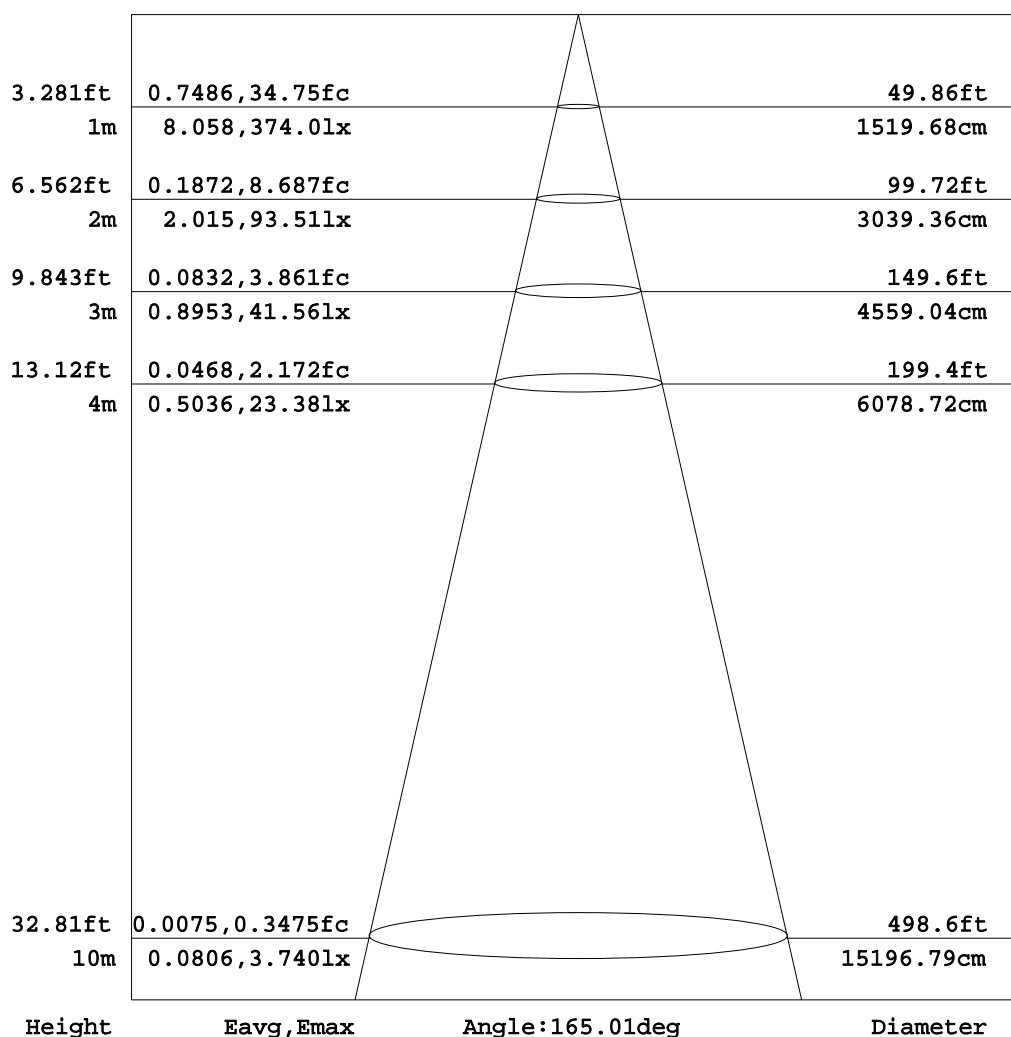
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:TONY  
Test Date:2017-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	PROTECTION ANGLE:

Flux out:1679 lm



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

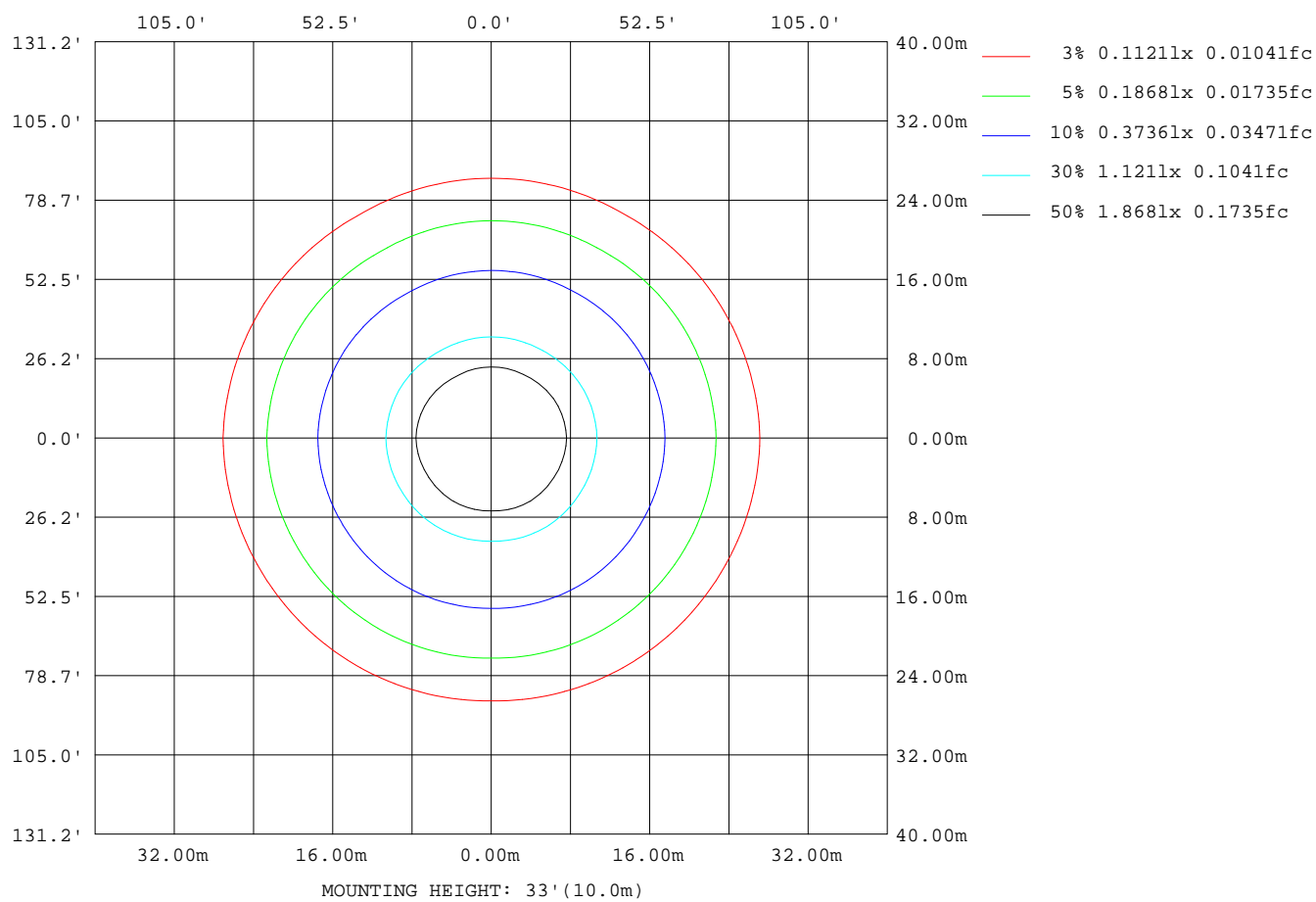
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: TONY  
Test Date: 2017-12-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

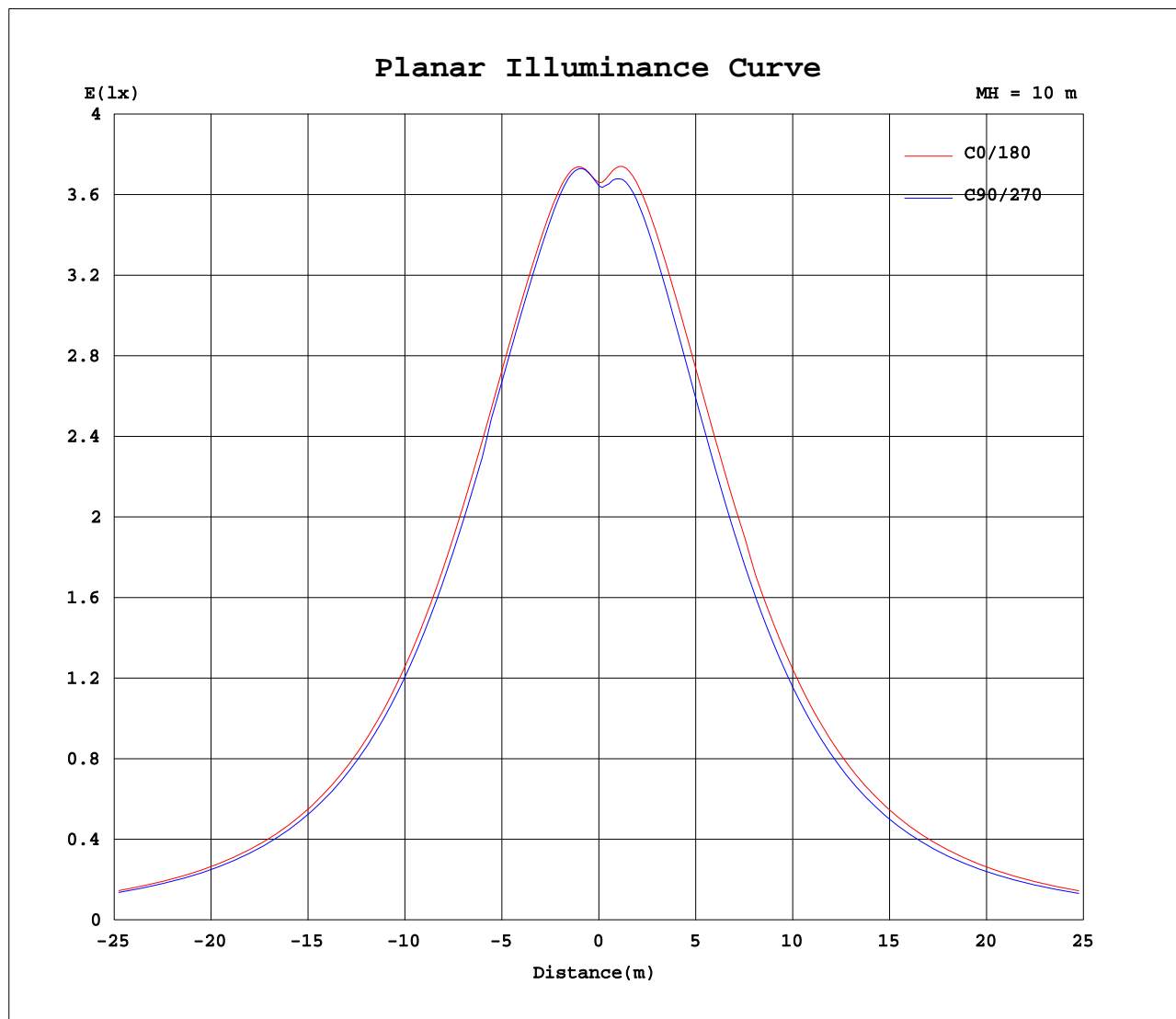
Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:TONY  
Test Date:2017-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: TONY  
Test Date: 2017-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.0V I:0.1390A P:29.00W PF:0.9380 Lamp Flux:2416.94x1 lm		
NAME: GEOLYTE CIRCLE SINGLE 3000K	TYPE:DECORATIVE LIGHTING	WEIGHT:4.45KG
SPEC.:D600X72MM 30W	DIM.: D600X72MM	SERIAL No.:QC-171215-01
MFR.: ACOLYTE	SUR.:CIRCLE SINGLE	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	365	365	365	365	365	365	365	365	365	365	365	365							
5	377	377	377	378	378	379	376	376	374	373	372	374							
10	384	384	382	382	383	385	385	384	380	379	380	382							
15	384	384	382	380	380	385	386	383	377	376	378	382							
20	382	382	379	377	377	383	385	379	372	371	374	379							
25	380	380	377	375	374	380	382	375	361	364	364	376							
30	377	376	373	369	371	376	379	370	355	358	358	372							
35	372	369	368	360	365	366	373	363	347	349	350	366							
40	365	359	359	352	356	358	361	354	338	339	341	358							
45	354	348	349	341	346	347	351	343	326	327	329	346							
50	341	335	335	328	332	334	338	329	312	314	316	332							
55	326	320	319	312	316	318	323	313	297	298	300	316							
60	308	302	300	294	298	301	306	295	280	281	283	299							
65	289	283	280	274	278	282	287	276	261	263	265	279							
70	269	263	258	253	257	262	267	256	243	244	246	259							
75	248	241	237	233	235	241	247	235	223	225	226	238							
80	226	218	213	209	211	218	226	214	203	204	205	217							
85	183	180	167	162	162	176	192	184	174	173	177	188							
90	103	97.7	91.6	92.1	92.2	97.6	104	96.7	96.4	97.8	102	102							
95	138	125	114	118	117	127	131	117	97.7	97.1	95.3	116							
100	163	147	137	142	138	141	158	145	139	142	139	147							
105	153	141	132	136	132	133	152	140	137	142	136	142							
110	144	130	122	127	120	127	148	136	132	135	130	134							
115	136	122	112	116	109	120	139	129	125	128	126	131							
120	130	115	102	106	98.3	115	127	124	120	121	119	126							
125	121	107	86.1	95.2	79.7	104	121	106	98.2	112	106	117							
130	112	97.2	81.4	85.7	81.8	92.6	112	88.0	94.8	103	96.6	101							
135	102	89.3	76.0	77.5	76.0	87.7	107	91.0	87.0	91.7	91.3	94.6							
140	92.0	70.7	62.2	68.2	60.2	66.3	97.6	69.4	73.6	78.5	80.6	76.7							
145	67.6	62.0	54.3	50.2	47.2	62.6	67.8	68.1	55.2	66.7	59.3	63.2							
150	51.3	48.3	43.0	39.3	34.2	45.9	53.7	47.8	41.9	45.0	48.4	54.2							
155	40.4	38.6	34.7	31.0	26.8	35.7	42.2	35.8	30.6	33.9	38.6	40.8							
160	30.1	29.5	25.8	22.7	19.1	26.9	32.3	26.2	21.7	25.3	27.7	30.9							
165	21.3	21.2	18.4	15.3	14.8	20.2	23.9	17.6	14.8	17.5	20.1	21.6							
170	17.0	17.7	13.2	10.5	12.2	15.8	19.0	16.3	14.6	12.8	15.2	18.0							
175	7.48	7.52	6.01	5.31	5.38	6.75	10.0	8.78	8.29	7.41	7.18	8.35							
180	4.00	3.66	3.60	3.65	3.54	3.40	3.94	3.63	3.54	3.66	3.58	3.48							

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:TONY  
 Test Date:2017-12-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.284  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks: