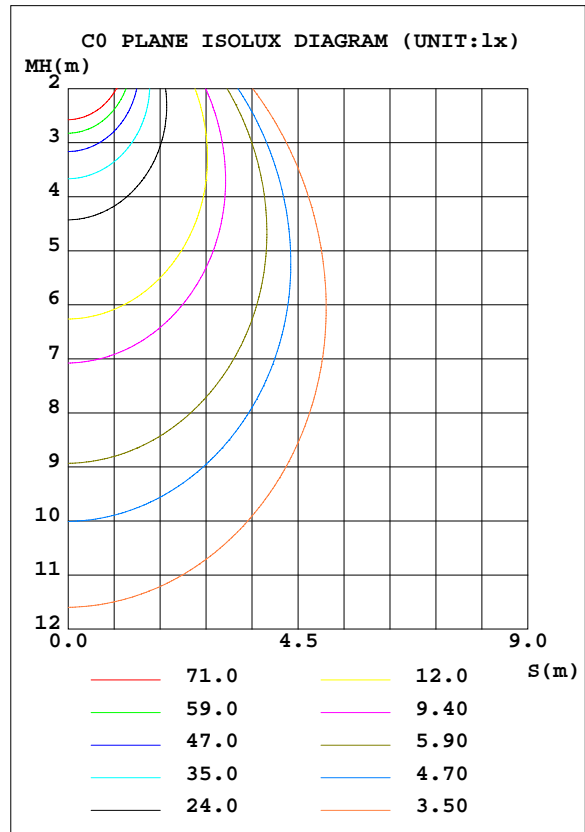
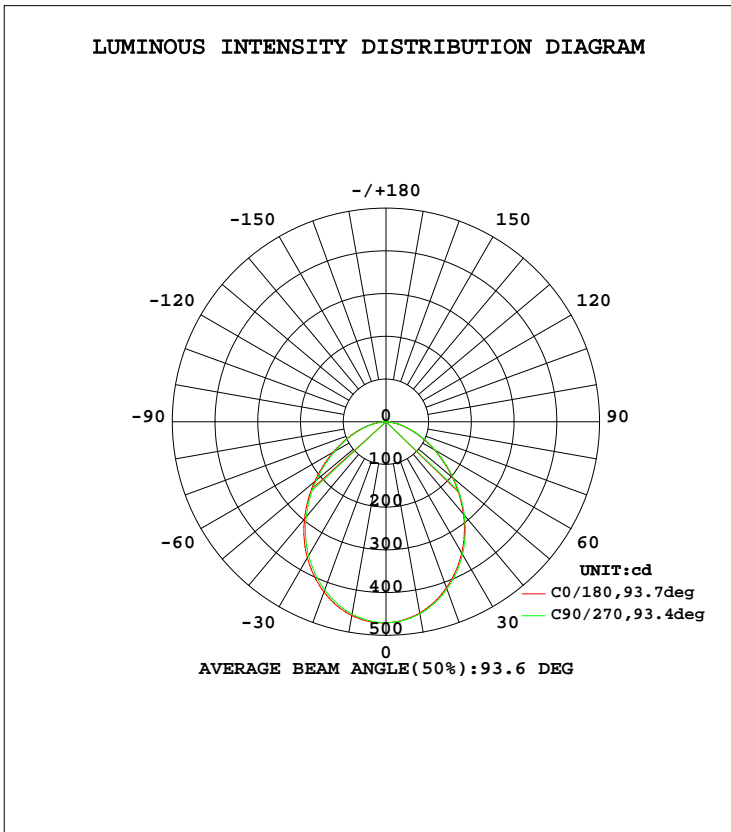


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.94 lm/W
MODEL	LY6S 30K	I _{max} (cd)	471.2	S/MH(C0/180)	1.17	
NOMINAL POWER(W)	0	LOR(%)	100.0	S/MH(C90/270)	1.16	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1062.2	η UP, DN(C0-180)	0.0,49.3	
NOMINAL FLUX(lm)	1062.19	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.6	
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.30	



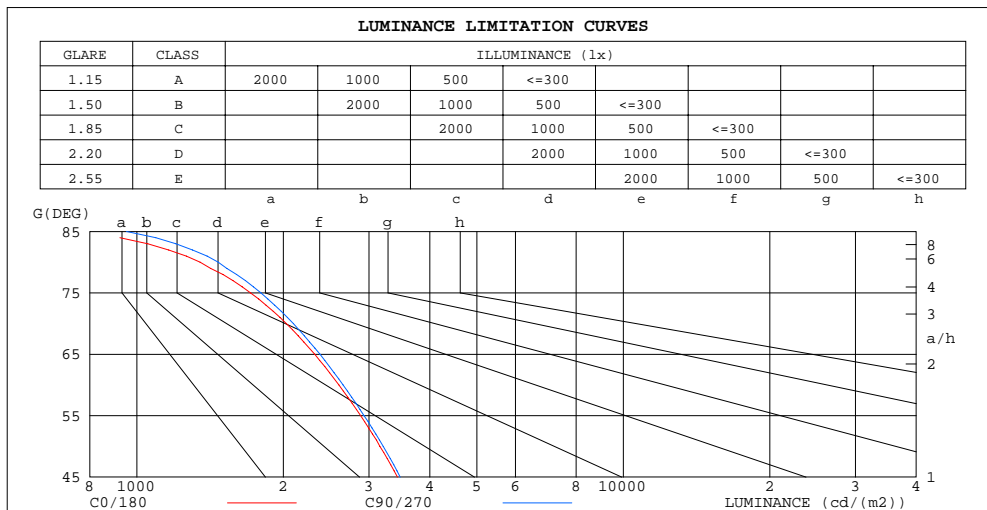
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L/Y
 Test Date:2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:1.490m [K=1.0000]
 Remarks:

**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	454.6	455.3	456.5	458.6	460.6	459.9	457.2	455.7	0- 10	44.28	44.28	4.17,4.17
20	413.6	414.1	417.1	420.6	424.4	422.9	419.1	415.8	10- 20	124.1	168.3	15.8,15.8
30	354.8	353.0	358.5	361.2	368.1	365.2	362.3	356.2	20- 30	179.9	348.3	32.8,32.8
40	282.0	279.1	285.5	288.3	297.0	293.1	290.8	283.5	30- 40	202.9	551.2	51.9,51.9
50	203.1	200.6	206.3	209.7	218.0	214.8	212.2	205.3	40- 50	191.3	742.5	69.9,69.9
60	130.1	128.3	132.6	136.3	142.8	140.8	138.2	132.5	50- 60	152.9	895.4	84.3,84.3
70	69.41	68.53	71.74	74.99	79.65	78.66	76.20	71.93	60- 70	102.3	997.7	93.9,93.9
80	23.42	23.42	25.51	27.82	30.82	30.57	28.57	25.64	70- 80	51.82	1049	98.8,98.8
90	0.0372	0.0369	0.0377	0.0746	0.1252	0.1131	0.0394	0.0394	80- 90	11.77	1061	99.9,99.9
100	0.0478	0.0472	0.0461	0.0431	0.0587	0.0583	0.0597	0.0618	90-100	0.0492	1061	99.9,99.9
110	0.0686	0.0672	0.0676	0.0631	0.0926	0.0917	0.0938	0.0962	100-110	0.0692	1061	99.9,99.9
120	0.1059	0.1058	0.1032	0.1001	0.1347	0.1349	0.1359	0.1404	110-120	0.0980	1061	99.9,99.9
130	0.1556	0.1545	0.1524	0.1490	0.1832	0.1835	0.1846	0.1887	120-130	0.1285	1062	99.9,99.9
140	0.2380	0.2371	0.2354	0.2322	0.2265	0.2273	0.2300	0.2312	130-140	0.1542	1062	100,100
150	0.3237	0.3240	0.3257	0.3209	0.2650	0.2669	0.2705	0.2693	140-150	0.1641	1062	100,100
160	0.3780	0.3786	0.3765	0.3767	0.2934	0.2917	0.2983	0.2934	150-160	0.1477	1062	100,100
170	0.3601	0.3616	0.3600	0.3617	0.3016	0.3046	0.3103	0.3091	160-170	0.0957	1062	100,100
180	0.3508	0.3514	0.3508	0.3506	0.3483	0.3489	0.3482	0.3488	170-180	0.0317	1062	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	769	952
80	1348	1469
75	1713	1799
70	2029	2098
65	2320	2379
60	2602	2653
55	2884	2931
50	3160	3210
45	3433	3478

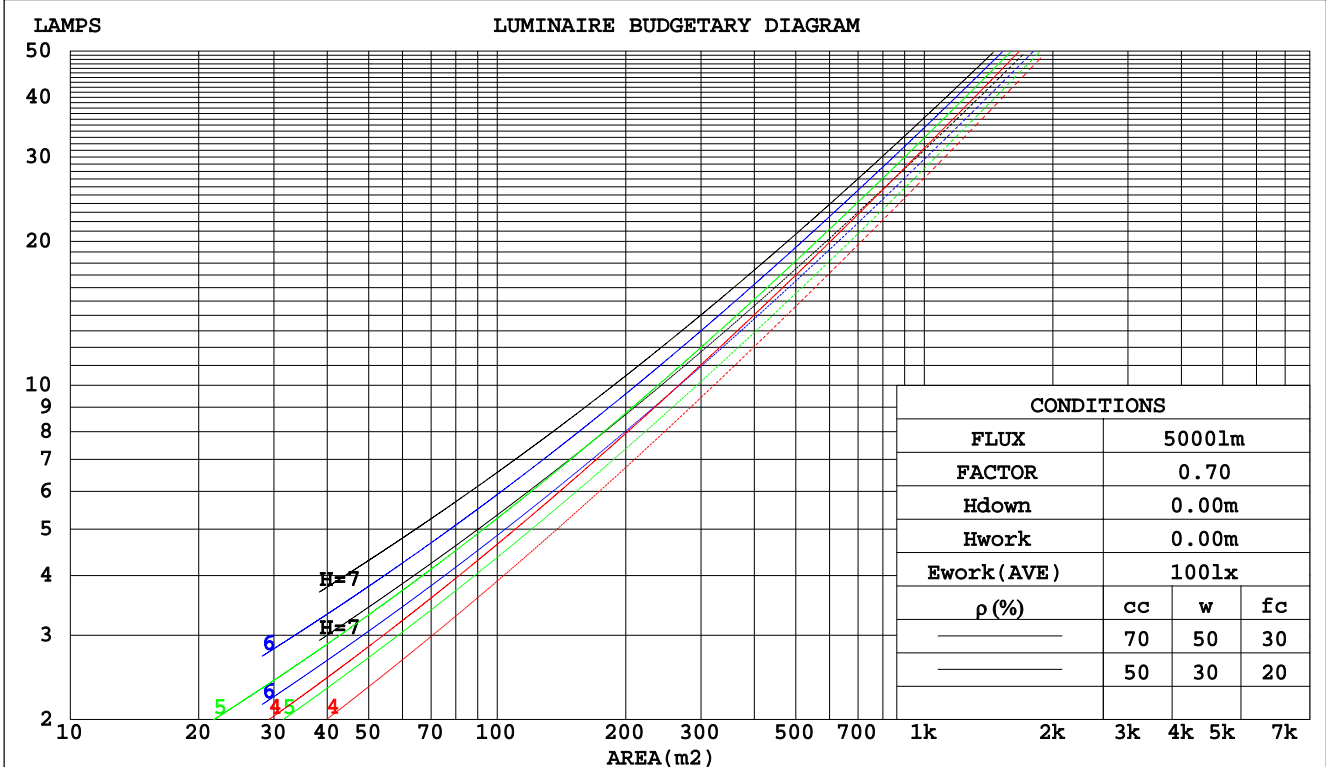
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L/Y
 Test Date: 2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 1.490m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	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	1.05	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.93	.91	.91	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.81	.88	.83	.79	.84	.80	.77	.81	.78	.75	.73
3.0	.83	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.73	.68	.65	.63
4.0	.74	.66	.59	.72	.65	.59	.70	.63	.58	.68	.62	.57	.66	.61	.56	.54
5.0	.66	.58	.52	.65	.57	.51	.63	.56	.51	.61	.55	.50	.59	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.45	.57	.50	.45	.56	.49	.45	.54	.49	.44	.42
7.0	.55	.46	.41	.54	.46	.40	.52	.45	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.36	.50	.42	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.45	.38	.33	.43	.37	.33	.42	.37	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.40	.34	.30	.28



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L/Y
 Test Date: 2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 1.490m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.279	.159	.050	.272	.155	.049	.259	.149	.047	.247	.143	.046	.236	.137	.044	
2.0	.267	.146	.045	.261	.143	.044	.249	.138	.043	.238	.134	.042	.229	.129	.041	
3.0	.249	.133	.040	.244	.131	.039	.234	.127	.039	.225	.123	.038	.216	.119	.037	
4.0	.232	.121	.035	.228	.119	.035	.219	.116	.035	.210	.113	.034	.202	.110	.034	
5.0	.216	.110	.032	.212	.109	.032	.204	.106	.031	.197	.104	.031	.190	.101	.030	
6.0	.202	.101	.029	.198	.100	.029	.191	.098	.028	.184	.096	.028	.178	.094	.028	
7.0	.189	.093	.026	.185	.092	.026	.179	.091	.026	.173	.089	.026	.168	.087	.026	
8.0	.177	.087	.024	.174	.086	.024	.168	.084	.024	.163	.083	.024	.158	.081	.024	
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.154	.077	.022	.150	.076	.022	
10.0	.157	.075	.021	.155	.075	.021	.150	.074	.021	.146	.072	.021	.142	.071	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.179	.157	.137	.153	.135	.118	.105	.093	.082	.060	.054	.048	.019	.017	.015	
2.0	.170	.133	.102	.145	.114	.088	.100	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.161	.115	.078	.138	.099	.068	.095	.069	.047	.055	.040	.028	.018	.013	.009	
4.0	.153	.101	.062	.132	.088	.053	.091	.061	.038	.052	.036	.022	.017	.012	.007	
5.0	.146	.091	.050	.125	.078	.043	.086	.055	.031	.050	.032	.018	.016	.011	.006	
6.0	.139	.082	.042	.119	.071	.036	.082	.050	.026	.048	.029	.015	.015	.010	.005	
7.0	.132	.075	.035	.114	.065	.031	.079	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.126	.069	.030	.109	.060	.027	.075	.042	.019	.044	.025	.011	.014	.008	.004	
9.0	.120	.064	.027	.104	.056	.023	.072	.039	.017	.042	.023	.010	.014	.008	.003	
10.0	.115	.060	.024	.099	.052	.021	.069	.037	.015	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L/Y
 Test Date:2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:1.490m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					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	16.0	17.5	16.3	17.6	17.9	16.1	17.6	16.4	17.8	18.0
3H	17.1	18.4	17.4	18.6	18.8	17.2	18.5	17.5	18.7	19.0
4H	17.4	18.7	17.7	18.9	19.2	17.6	18.8	17.9	19.1	19.3
6H	17.6	18.8	17.9	19.1	19.3	17.8	19.0	18.1	19.2	19.5
8H	17.7	18.8	18.0	19.1	19.4	17.8	19.0	18.2	19.2	19.5
12H	17.6	18.7	18.0	19.0	19.3	17.8	18.9	18.2	19.2	19.5
4H 2H	16.5	17.7	16.8	18.0	18.2	16.5	17.8	16.9	18.0	18.3
3H	17.7	18.7	18.0	19.0	19.3	17.8	18.9	18.1	19.2	19.5
4H	18.1	19.1	18.5	19.4	19.8	18.3	19.2	18.6	19.6	19.9
6H	18.4	19.3	18.8	19.6	20.0	18.6	19.5	19.0	19.8	20.2
8H	18.5	19.3	18.9	19.7	20.1	18.7	19.5	19.1	19.8	20.2
12H	18.5	19.3	18.9	19.6	20.0	18.7	19.4	19.1	19.8	20.2
8H 4H	18.3	19.1	18.7	19.4	19.8	18.4	19.2	18.8	19.6	20.0
6H	18.7	19.3	19.1	19.7	20.2	18.8	19.5	19.3	19.9	20.3
8H	18.8	19.4	19.2	19.8	20.3	19.0	19.5	19.4	20.0	20.4
12H	18.8	19.3	19.3	19.8	20.3	19.0	19.5	19.5	20.0	20.5
12H 4H	18.3	19.0	18.7	19.4	19.8	18.4	19.1	18.8	19.5	19.9
6H	18.7	19.3	19.1	19.7	20.2	18.8	19.4	19.3	19.8	20.3
8H	18.8	19.3	19.3	19.8	20.3	19.0	19.5	19.5	19.9	20.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.4				

CIE Pub.117 Corrected 1062 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L/Y
 Test Date:2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:1.490m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	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	62	51	44	61	51	44	60	50	44	38
0.80	72	61	54	71	61	54	69	60	54	47
1.00	80	70	63	79	69	63	77	70	62	56
1.25	87	77	71	85	76	70	83	75	69	63
1.50	91	82	76	90	82	76	87	80	75	68
2.00	98	90	84	96	89	83	93	87	82	75
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	98	94	90	82
4.00	108	103	98	105	101	97	101	98	94	86
5.00	110	106	102	108	104	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L/Y
 Test Date:2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:1.490m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

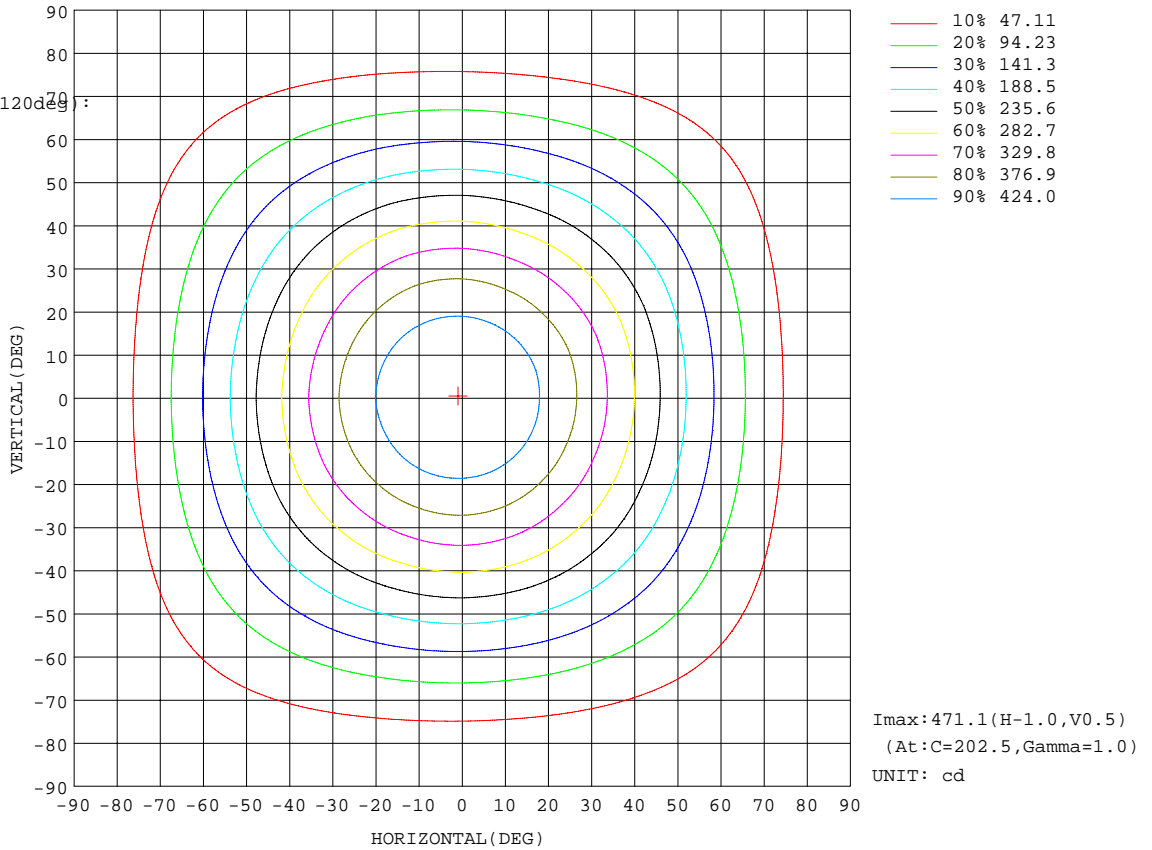
Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

650.29 lm
 %lum = 61.2%
 %lamp = 61.2%

Conical surface Flux(120deg):

895.41 lm
 %lum = 84.3%
 %lamp = 84.3%

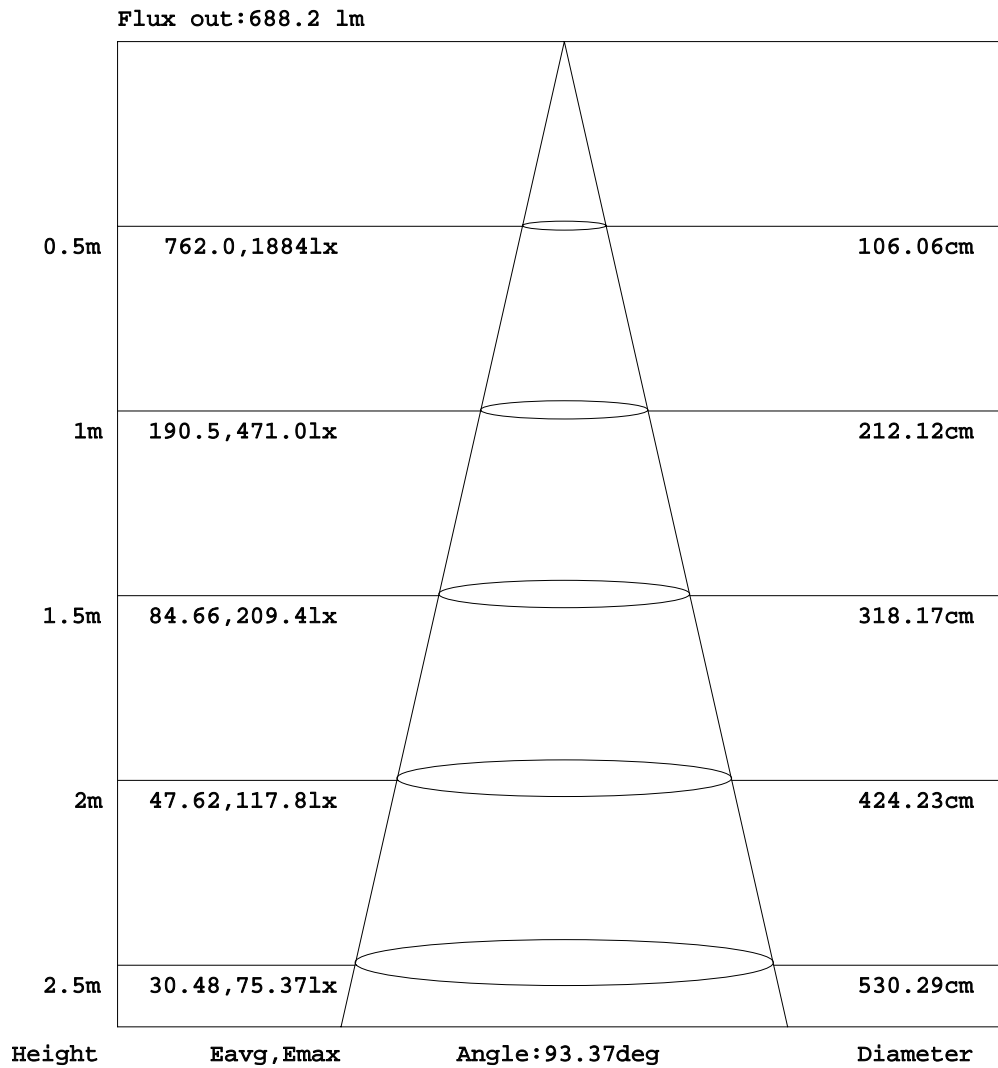


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L/Y
 Test Date: 2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 1.490m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



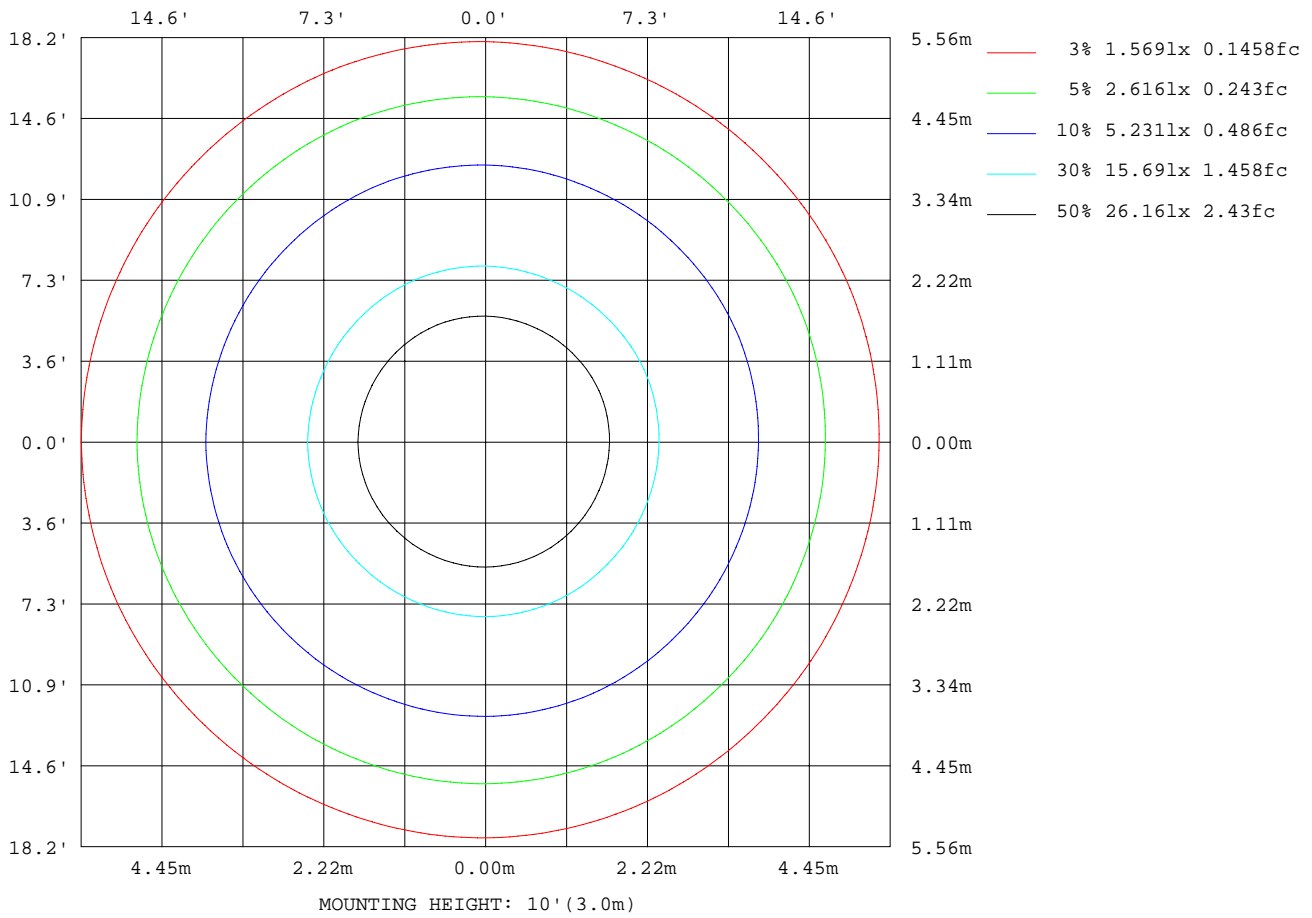
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L/Y
 Test Date:2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:1.490m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L/Y
 Test Date: 2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 1.490m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

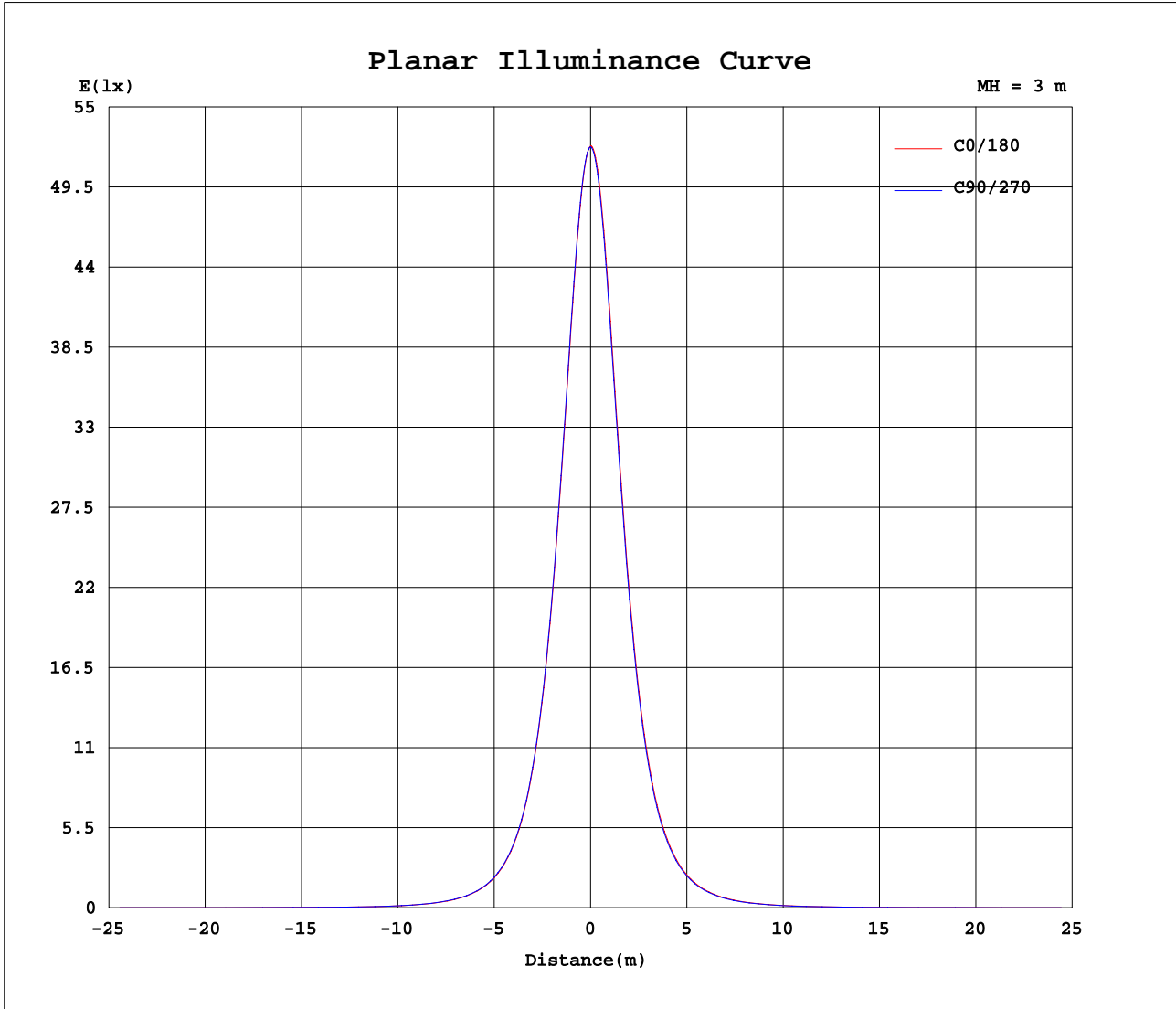
AvgL	cd/m2
L_0~180(65)av	2456
L_0~180(75)av	1890
L_0~180(85)av	1094
L_90~270(65)av	2437
L_90~270(75)av	1879
L_90~270(85)av	1088
L_45(65)av	2421
L_45(75)av	1866
L_45(85)av	1098

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L/Y
 Test Date:2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:1.490m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: L/Y
Test Date: 2016-03-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 1.490m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1194A P:14.17W PF:0.9892 Lamp Flux:1062.19x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) \ γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	471	471	471	471	470	470	471	470	471	471	471	471	470	470	471	470			
5	466	466	467	466	467	467	468	468	469	469	469	468	467	467	466	466			
10	455	455	455	456	456	457	459	459	461	460	460	459	457	456	456	455			
15	437	437	438	438	440	441	443	444	446	445	444	443	441	440	439	438			
20	414	413	414	415	417	419	421	422	424	424	423	421	419	417	416	415			
25	386	385	386	388	390	391	393	396	398	397	396	395	393	389	388	388			
30	355	353	353	356	358	359	361	365	368	366	365	365	362	358	356	357			
35	320	317	317	321	324	324	326	331	334	331	330	331	328	323	321	323			
40	282	279	279	283	285	286	288	294	297	294	293	294	291	285	283	285			
45	243	240	240	243	246	246	249	254	258	255	254	255	252	246	244	246			
50	203	201	201	204	206	207	210	215	218	216	215	215	212	207	205	206			
55	165	163	163	166	168	169	172	176	179	177	177	177	174	170	168	168			
60	130	128	128	131	133	134	136	140	143	142	141	141	138	134	133	132			
65	98.0	96.6	96.7	98.7	101	102	104	107	110	109	108	108	105	102	101	100			
70	69.4	68.4	68.5	70.1	71.7	72.9	75.0	77.5	79.6	79.1	78.7	78.1	76.2	73.6	71.9	71.3			
75	44.3	43.7	43.9	45.2	46.6	47.8	49.5	51.4	53.5	53.3	52.9	52.3	50.7	48.5	47.0	46.2			
80	23.4	23.4	23.4	24.3	25.5	26.6	27.8	29.2	30.8	30.8	30.6	29.9	28.6	27.0	25.6	24.7			
85	6.70	6.62	6.72	7.43	8.29	9.40	10.4	11.3	12.4	12.7	12.4	11.7	10.7	9.67	8.72	7.85			
90	0.04	0.04	0.04	0.04	0.04	0.08	0.07	0.05	0.13	0.17	0.11	0.04	0.04	0.04	0.04	0.04			
95	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.05	0.05	0.05			
100	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
105	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08			
110	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10			
115	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12			
120	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14			
125	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17			
130	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19			
135	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21			
140	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23			
145	0.28	0.28	0.28	0.28	0.28	0.28	0.27	0.27	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25			
150	0.32	0.32	0.32	0.32	0.33	0.32	0.32	0.31	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27			
155	0.36	0.37	0.36	0.36	0.37	0.36	0.36	0.36	0.28	0.28	0.28	0.28	0.29	0.29	0.28	0.29			
160	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.29	0.29	0.29	0.29	0.30	0.30	0.29	0.29			
165	0.38	0.38	0.38	0.37	0.37	0.38	0.38	0.38	0.30	0.30	0.30	0.30	0.30	0.31	0.30	0.30			
170	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.30	0.30	0.30	0.32	0.31	0.30	0.31	0.31			
175	0.35	0.34	0.34	0.34	0.35	0.35	0.34	0.34	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32			
180	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35			

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 C Interval: 22.5DEG
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