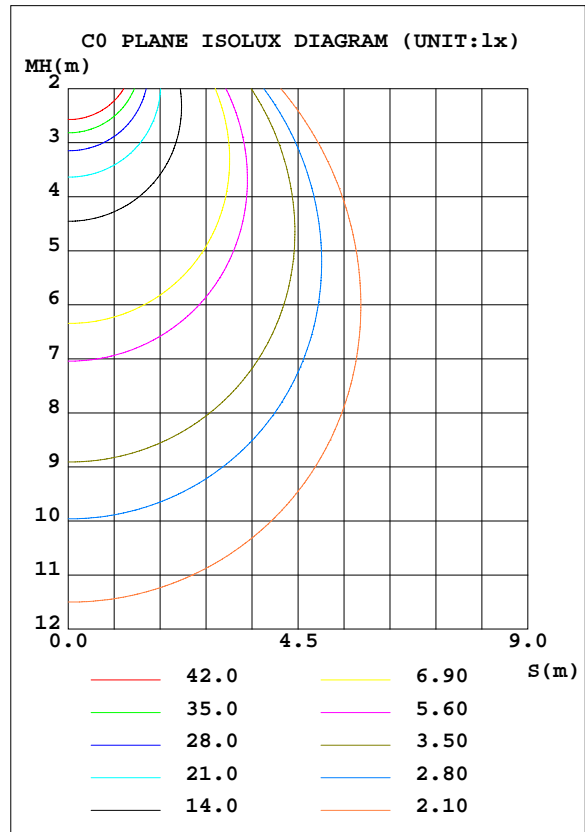
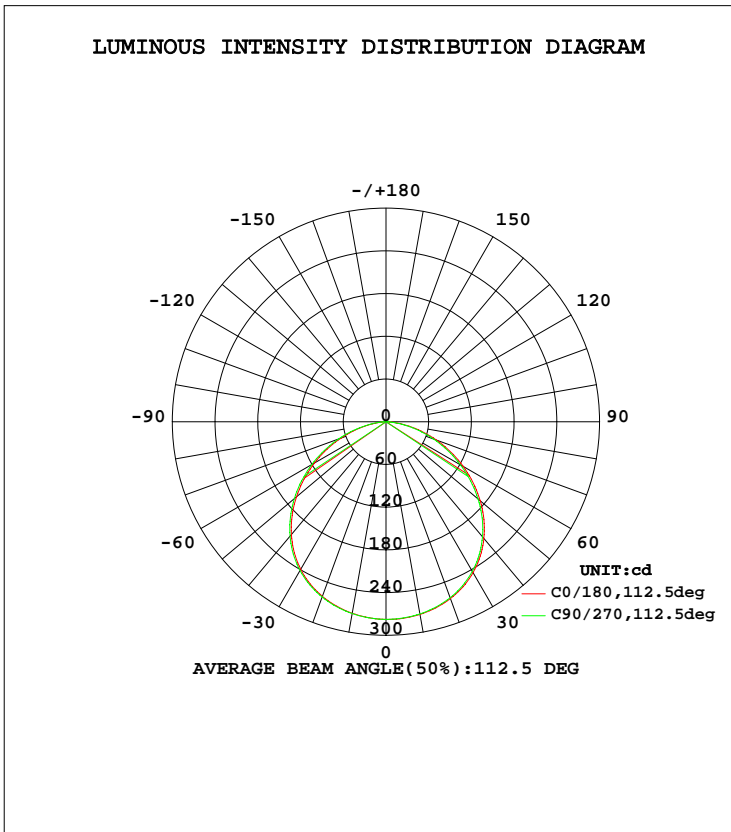


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.52 lm/W			
MODEL	LY41RCD 30K	I <sub>max</sub> (cd)	277.7	S/MH(C0/180)	1.28
NOMINAL POWER(W)	0	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	793.20	η UP, DN(C0-180)	0.0,50.2
NOMINAL FLUX(lm)	793.2	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.35



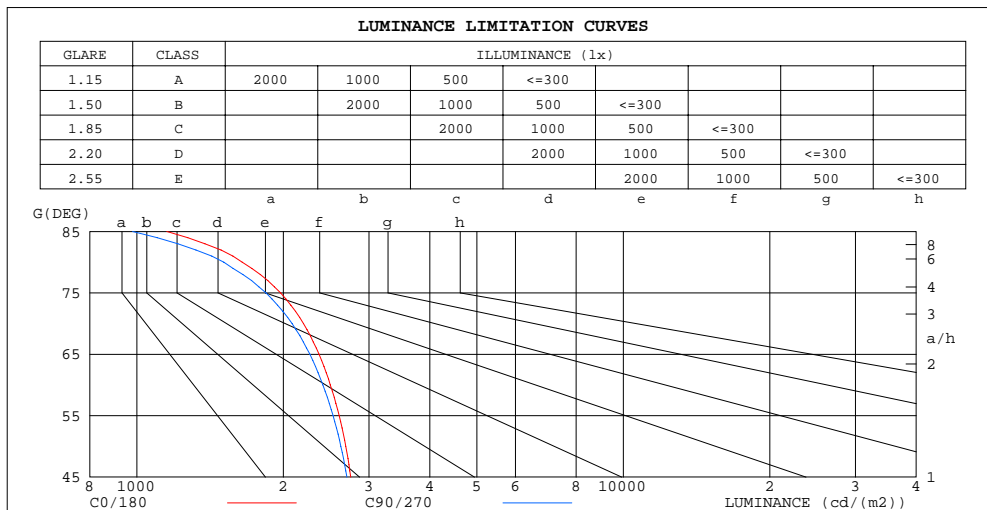
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-03-11

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:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	274.8	274.5	274.1	273.1	273.2	272.8	273.5	274.2	0- 10	26.30	26.30	3.32,3.32
20	264.3	264.0	263.1	261.3	261.0	260.6	262.1	263.6	10- 20	76.02	102.3	12.9,12.9
30	244.6	244.1	242.6	240.1	239.5	239.0	241.3	243.9	20- 30	116.8	219.2	27.6,27.6
40	213.9	213.1	210.9	207.7	206.8	206.5	209.7	213.2	30- 40	142.2	361.3	45.6,45.6
50	172.8	171.6	168.8	165.2	164.2	164.3	168.1	172.1	40- 50	146.7	508.0	64,64
60	124.9	123.5	120.6	117.0	115.9	116.4	120.4	124.5	50- 60	129.4	637.4	80.4,80.4
70	75.24	73.97	71.30	68.13	67.19	67.65	71.05	74.77	60- 70	94.68	732.1	92.3,92.3
80	28.58	27.94	26.19	23.88	22.84	23.07	25.30	28.07	70- 80	50.43	782.5	98.6,98.6
90	0.0212	0.0168	0.0165	0.0000	0	0	0	0	80- 90	10.67	793.2	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0003	793.2	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0000	793.2	100,100
120	0.0023	0.0010	0.0012	0	0	0.0013	0	0.0000	110-120	0.0002	793.2	100,100
130	0.0161	0.0021	0.0033	0	0.0016	0.0062	0	0.0057	120-130	0.0020	793.2	100,100
140	0.0299	0.0037	0.0104	0	0.0002	0.0115	0	0.0070	130-140	0.0046	793.2	100,100
150	0.0313	0.0101	0.0260	0	0.0212	0.0195	0.0070	0.0107	140-150	0.0086	793.2	100,100
160	0.0431	0.1039	0.1470	0.0619	0	0.0209	0.0138	0.0141	150-160	0.0161	793.2	100,100
170	0.0308	0.0783	0.0810	0.0280	0.0098	0	0	0.0110	160-170	0.0122	793.2	100,100
180	0	0	0	0	0	0	0	0	170-180	0.0013	793.2	100,100
<b>DEG</b>										<b>LUMINOUS INTENSITY:cd</b>		<b>UNIT:lm</b>



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1152	980
80	1646	1508
75	1974	1843
70	2200	2085
65	2369	2268
60	2498	2412
55	2605	2531
50	2689	2626
45	2751	2701

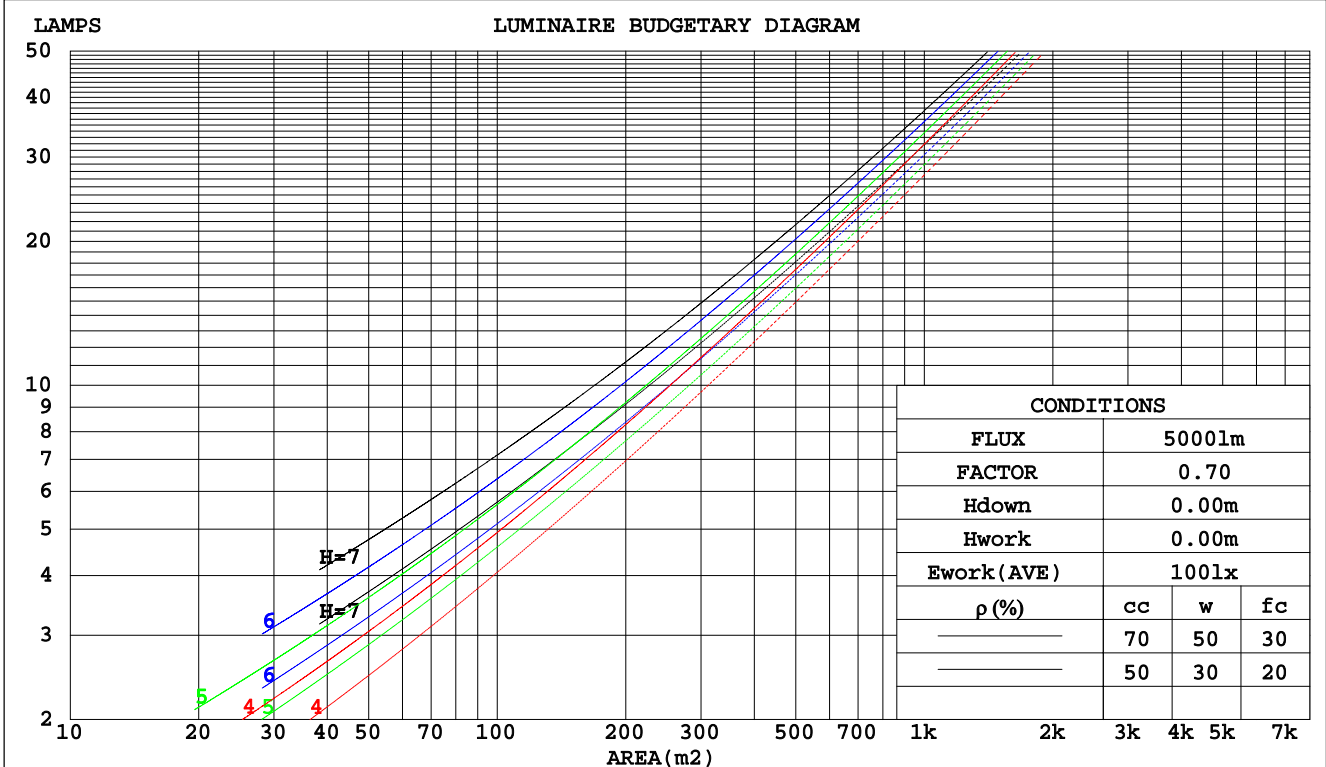
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: L/Y  
 Test Date: 2016-03-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 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																
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	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.64	.73	.67	.63	.70	.66	.62	.59
4.0	.71	.62	.55	.70	.61	.55	.67	.60	.54	.65	.59	.54	.63	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.48	.60	.53	.47	.58	.52	.46	.56	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.41	.54	.47	.41	.53	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.37	.31	.26	.24



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: L/Y  
 Test Date: 2016-03-11

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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 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	.300	.171	.054	.293	.167	.053	.280	.161	.051	.268	.154	.050	.257	.149	.048	
2.0	.285	.156	.048	.279	.154	.047	.268	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.266	.141	.042	.260	.139	.042	.250	.135	.041	.240	.132	.040	.232	.128	.040	
4.0	.246	.128	.038	.241	.126	.037	.232	.123	.037	.224	.120	.036	.216	.117	.036	
5.0	.228	.116	.034	.224	.115	.033	.216	.112	.033	.208	.110	.033	.201	.107	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.197	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.074	.021	

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	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.085	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.140	.099	.065	.096	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.048	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-03-11

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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 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	16.3	17.8	16.6	18.0	18.2	16.2	17.7	16.4	17.9	18.1
3H	17.7	19.1	18.0	19.3	19.6	17.5	18.9	17.8	19.2	19.4
4H	18.3	19.6	18.6	19.8	20.1	18.0	19.4	18.4	19.6	19.9
6H	18.6	19.8	18.9	20.1	20.4	18.4	19.6	18.7	19.9	20.2
8H	18.7	19.9	19.0	20.2	20.5	18.4	19.6	18.8	19.9	20.2
12H	18.7	19.9	19.1	20.2	20.5	18.4	19.6	18.8	19.9	20.2
4H 2H	16.9	18.2	17.2	18.4	18.7	16.8	18.1	17.1	18.3	18.6
3H	18.5	19.6	18.8	19.9	20.2	18.3	19.5	18.7	19.8	20.1
4H	19.1	20.2	19.5	20.5	20.8	18.9	20.0	19.3	20.3	20.6
6H	19.6	20.5	20.0	20.9	21.2	19.4	20.3	19.8	20.6	21.0
8H	19.7	20.6	20.1	20.9	21.3	19.5	20.3	19.9	20.7	21.1
12H	19.8	20.6	20.2	21.0	21.4	19.5	20.3	19.9	20.7	21.1
8H 4H	19.3	20.2	19.8	20.6	21.0	19.2	20.0	19.6	20.4	20.8
6H	19.9	20.6	20.4	21.1	21.5	19.7	20.4	20.2	20.8	21.3
8H	20.1	20.8	20.6	21.2	21.6	19.9	20.5	20.4	21.0	21.4
12H	20.2	20.8	20.7	21.2	21.7	20.0	20.5	20.5	21.0	21.5
12H 4H	19.3	20.1	19.8	20.5	20.9	19.2	20.0	19.6	20.4	20.8
6H	20.0	20.6	20.4	21.0	21.5	19.8	20.4	20.2	20.8	21.3
8H	20.2	20.7	20.7	21.2	21.7	20.0	20.5	20.4	21.0	21.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 793.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.8)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-03-11

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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 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	58	46	39	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	58	75	65	58	73	66	58	51
1.25	84	73	66	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	76	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	90	85	94	88	83	75
3.00	103	96	91	101	94	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	100	107	102	99	102	99	96	87
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:2016-03-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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**

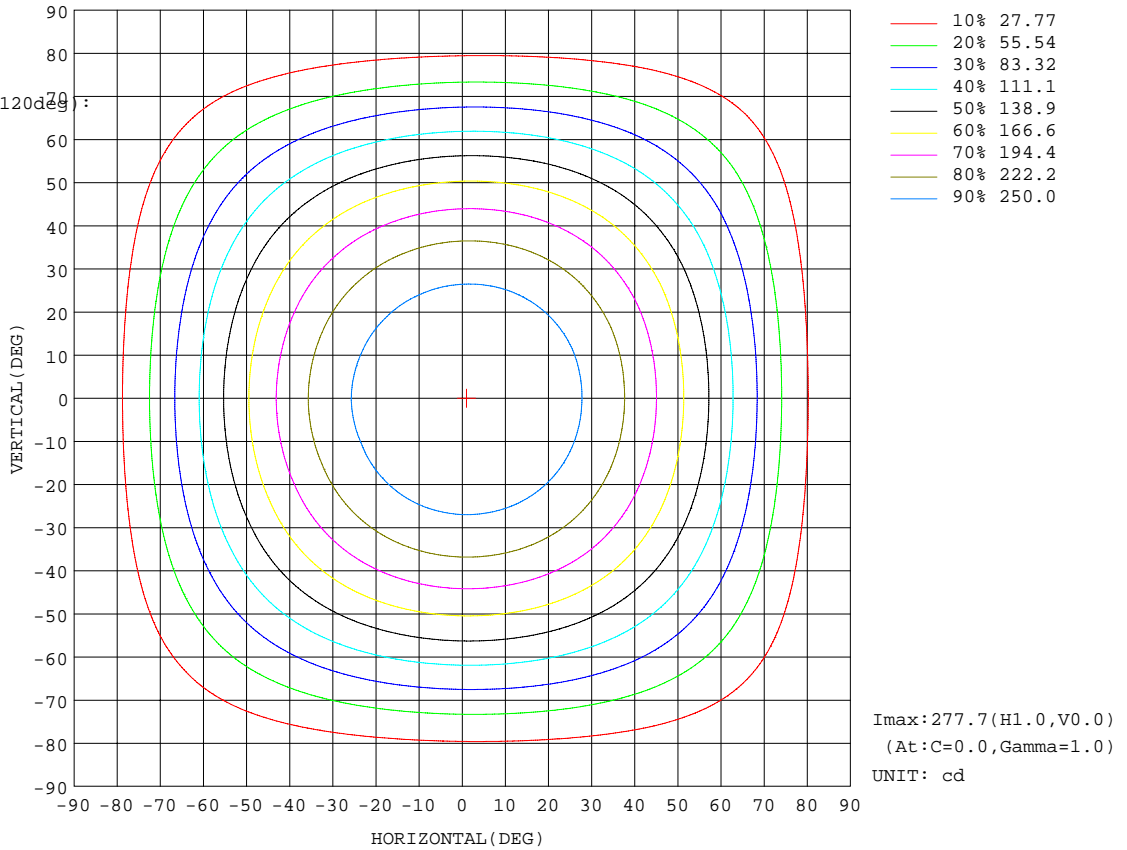
Test:U:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

435.51 lm  
 %lum = 54.9%  
 %lamp = 54.9%

Conical surface Flux(120deg):

637.38 lm  
 %lum = 80.4%  
 %lamp = 80.4%

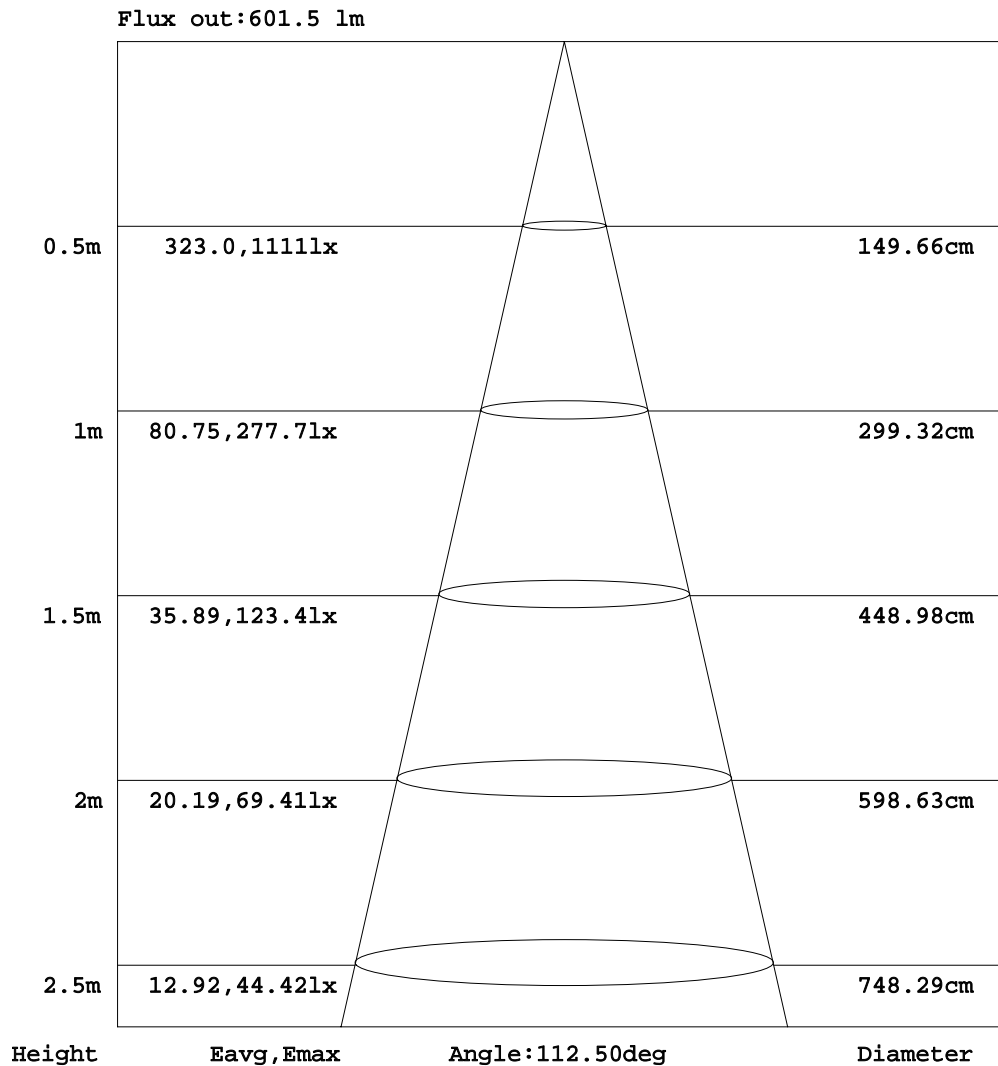


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-03-11

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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 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.

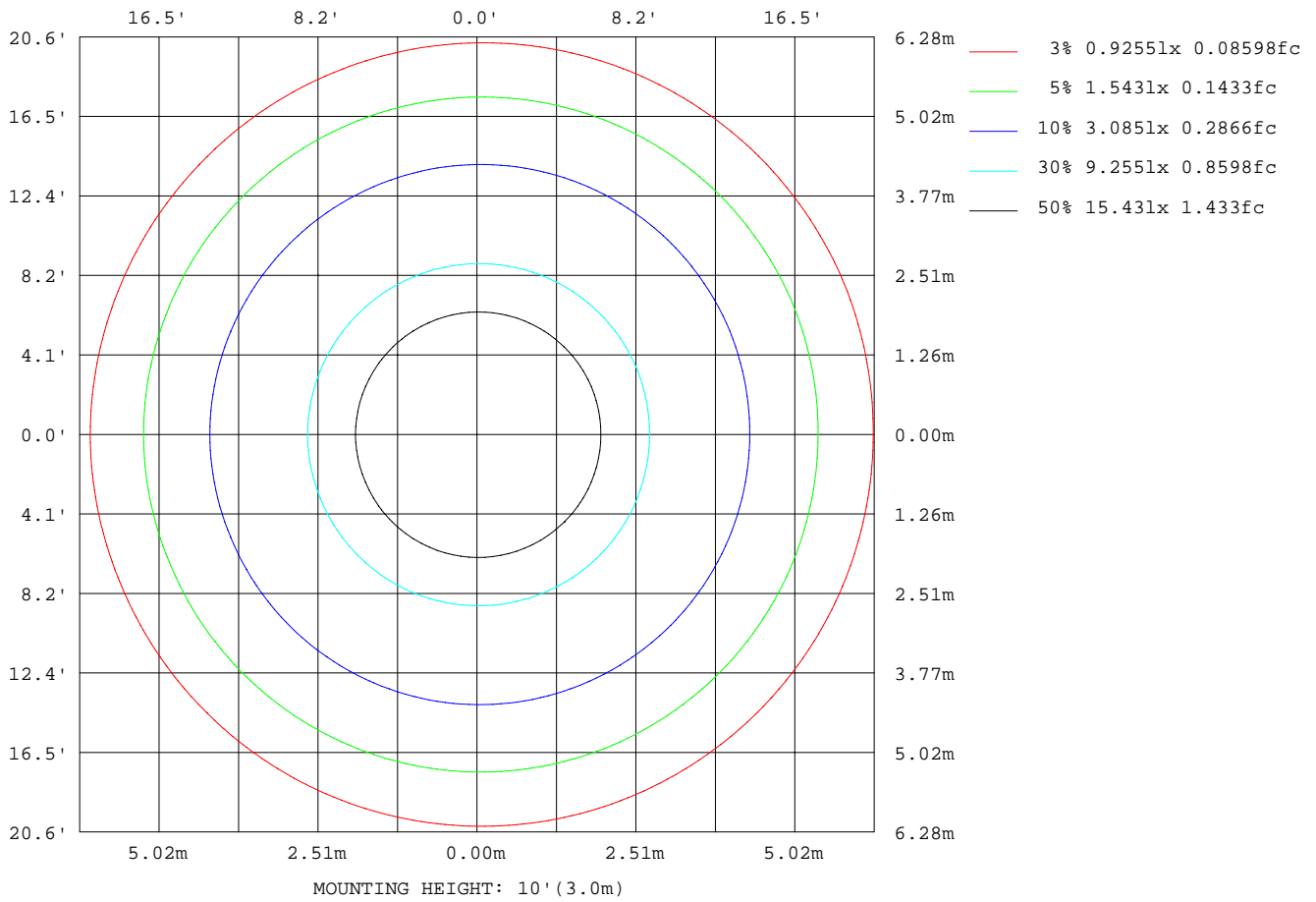
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: L/Y  
 Test Date: 2016-03-11

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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 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: 2016-03-11

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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

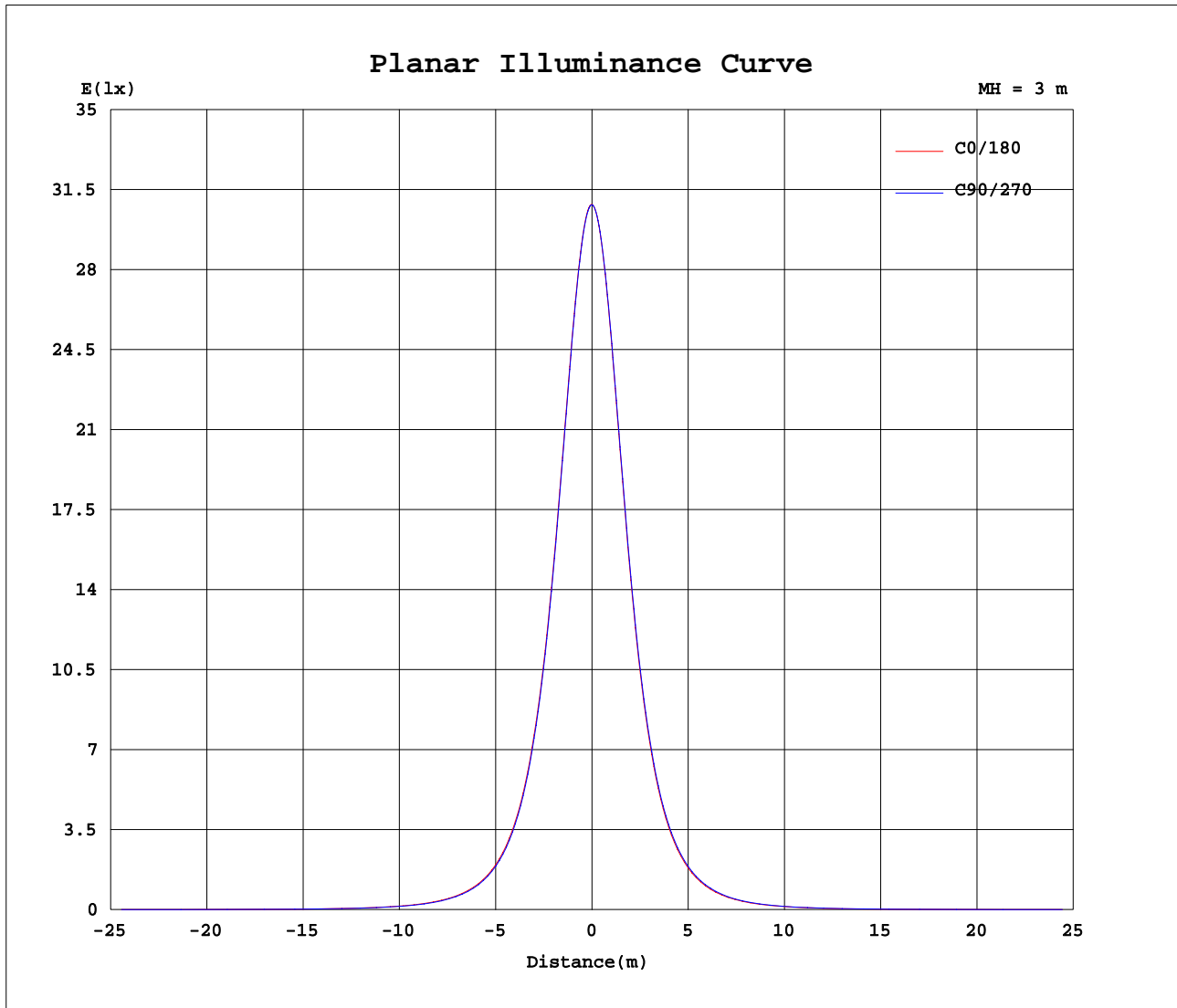
AvgL	cd/m2
L_0~180(65)av	2266
L_0~180(75)av	1839
L_0~180(85)av	969
L_90~270(65)av	2265
L_90~270(75)av	1839
L_90~270(85)av	958
L_45(65)av	2263
L_45(75)av	1837
L_45(85)av	950

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-03-11

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: 2016-03-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.1V I:0.1055A P:12.49W PF:0.9853 Lamp Flux:793.2x1 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	278	277	277	277	278	278	277	277	278	277	277	277	278	278	277	277			
5	277	277	277	277	277	276	276	276	276	276	276	276	276	277	277	277			
10	275	275	274	274	274	274	273	273	273	273	273	273	274	274	274	274			
15	271	270	270	270	270	269	268	268	268	268	268	268	269	269	270	270			
20	264	264	264	264	263	262	261	261	261	261	261	261	262	263	264	264			
25	256	256	255	255	254	253	252	251	252	251	251	252	253	254	255	256			
30	245	245	244	244	243	241	240	239	239	239	239	240	241	243	244	245			
35	231	231	230	229	228	227	225	224	225	224	224	225	227	229	230	231			
40	214	214	213	212	211	209	208	206	207	206	207	208	210	212	213	214			
45	195	194	193	192	191	189	187	186	186	186	186	188	190	192	194	195			
50	173	172	172	170	169	167	165	164	164	164	164	166	168	170	172	173			
55	149	149	148	147	145	143	141	140	140	140	141	142	145	147	149	150			
60	125	125	123	122	121	119	117	116	116	116	116	118	120	123	124	126			
65	100	99.7	98.7	97.4	95.8	94.1	92.4	91.1	91.4	91.1	91.9	93.5	95.6	97.9	99.6	101			
70	75.2	74.9	74.0	72.8	71.3	69.7	68.1	66.9	67.2	67.0	67.6	69.1	71.0	73.1	74.8	75.8			
75	51.1	50.8	50.1	49.0	47.7	46.2	44.9	43.8	44.1	43.9	44.5	45.7	47.5	49.2	50.7	51.7			
80	28.6	28.5	27.9	27.0	26.2	25.0	23.9	22.8	22.8	22.7	23.1	24.0	25.3	26.7	28.1	29.0			
85	10.0	10.1	9.78	9.21	8.54	7.78	7.09	6.53	6.84	6.72	6.73	7.43	8.16	9.06	9.52	10.2			
90	0.02	0.02	0.02	0.02	0.02	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			
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			
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			
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			
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			
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			
125	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00			
130	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00			
135	0.02	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.01			
140	0.03	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.01	0.01			
145	0.03	0.00	0.01	0.01	0.02	0.06	0.00	0.00	0.02	0.02	0.02	0.01	0.00	0.00	0.01	0.01			
150	0.03	0.01	0.01	0.02	0.03	0.14	0.00	0.00	0.02	0.02	0.02	0.01	0.01	0.00	0.01	0.01			
155	0.04	0.07	0.03	0.04	0.10	0.16	0.02	0.01	0.00	0.02	0.02	0.02	0.01	0.01	0.01	0.01			
160	0.04	0.09	0.10	0.13	0.15	0.14	0.06	0.02	0.00	0.00	0.02	0.02	0.01	0.01	0.01	0.01			
165	0.03	0.00	0.12	0.14	0.14	0.09	0.05	0.02	0.00	0.00	0.02	0.02	0.01	0.00	0.01	0.01			
170	0.03	0.00	0.08	0.09	0.08	0.06	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01			
175	0.00	0.00	0.01	0.04	0.03	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
180	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			

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 C Interval: 22.5DEG  
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