

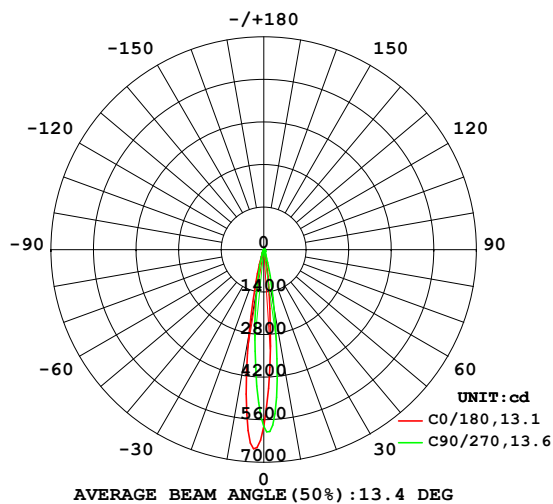
TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

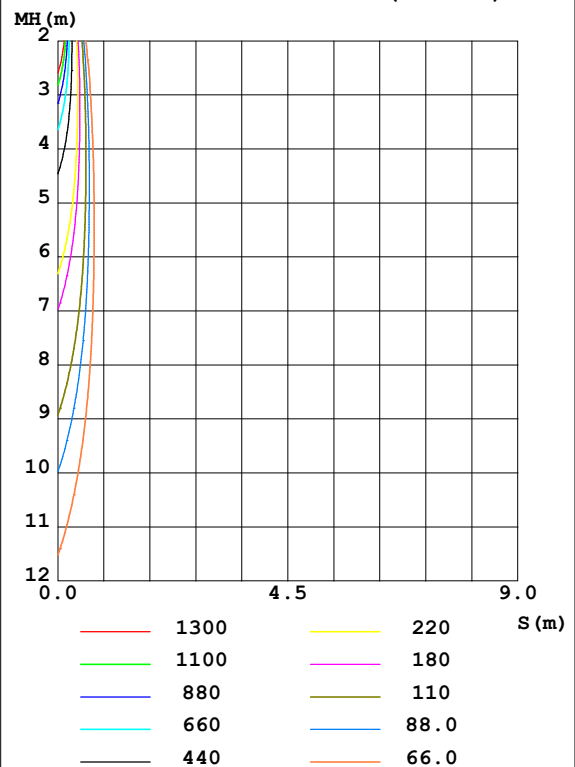
NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.28 lm/W			
MODEL		I <sub>max</sub> (cd)	10866	S/MH(C0/180)	0.31
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.20
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	757.17	η UP,DN(C0-180)	1.3,54.8
NOMINAL FLUX(lm)	757.169	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,42.6
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	110	η down(%)	97.4	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	68.95	73.75	199.6	826.5	281.8	294.4	133.9	60.76	0- 10	370.1	370.1	48.9,48.9
20	8.823	11.02	26.41	82.78	25.14	34.47	21.25	11.20	10- 20	246.7	616.8	81.5,81.5
30	3.591	4.709	8.799	13.58	5.199	6.959	7.549	5.601	20- 30	57.90	674.7	89.1,89.1
40	2.037	2.553	4.772	5.763	2.637	3.765	4.515	2.897	30- 40	29.65	704.4	93,93
50	0.8329	1.077	2.123	2.932	1.239	1.714	1.867	1.246	40- 50	18.38	722.8	95.5,95.5
60	0.3873	0.5181	1.028	1.301	0.5909	0.8064	0.8856	0.4189	50- 60	9.588	732.3	96.7,96.7
70	0.0373	0.0476	0.1957	0.6209	0.1609	0.1997	0.0885	0.0312	60- 70	4.050	736.4	97.3,97.3
80	0.0125	0.0180	0.0336	0.0608	0.0100	0.0128	0.0215	0.0184	70- 80	0.6350	737.0	97.3,97.3
90	0.0127	0.0180	0.0289	0.0243	0.0100	0.0128	0.0252	0.0266	80- 90	0.1948	737.2	97.4,97.4
100	0.0180	0.0248	0.0358	0.0260	0.0151	0.0200	0.0361	0.0381	90-100	0.2303	737.5	97.4,97.4
110	0.0245	0.0339	0.0476	0.0361	0.0223	0.0286	0.0479	0.0495	100-110	0.3094	737.8	97.4,97.4
120	0.0406	0.0563	0.0678	0.0503	0.0291	0.0384	0.0707	0.0933	110-120	0.4091	738.2	97.5,97.5
130	0.1497	0.2112	0.1702	0.0886	0.0592	0.0771	0.1984	0.4490	120-130	0.8104	739.0	97.6,97.6
140	0.5795	0.7802	0.7630	0.3661	0.2975	0.3950	0.9597	1.278	130-140	2.809	741.8	98,98
150	0.8200	1.107	1.581	1.207	0.7187	0.9604	1.637	1.608	140-150	5.664	747.5	98.7,98.7
160	0.8359	1.138	1.794	1.580	0.8626	1.162	1.838	1.517	150-160	5.634	753.1	99.5,99.5
170	0.4712	0.7137	1.543	1.542	0.7523	1.030	1.369	0.7862	160-170	3.305	756.4	99.9,99.9
180	0.3572	0.5682	1.029	0.8903	0.3587	0.5524	0.9884	0.9005	170-180	0.7705	757.2	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

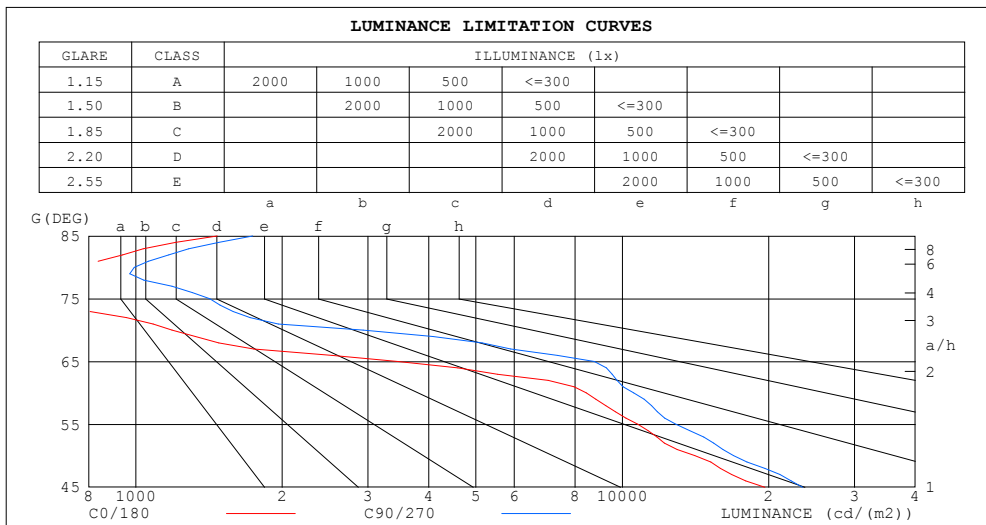
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:CJY  
 Test Date:2024-08-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:5.190m [K=1.0000]  
 Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

## LUMINANCE LIMITATION CURVES

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1469	1740
80	781	993
75	630	1420
70	1187	2935
65	3456	8753
60	8428	10546
55	10762	12897
50	14097	16941
45	19651	23499

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-21

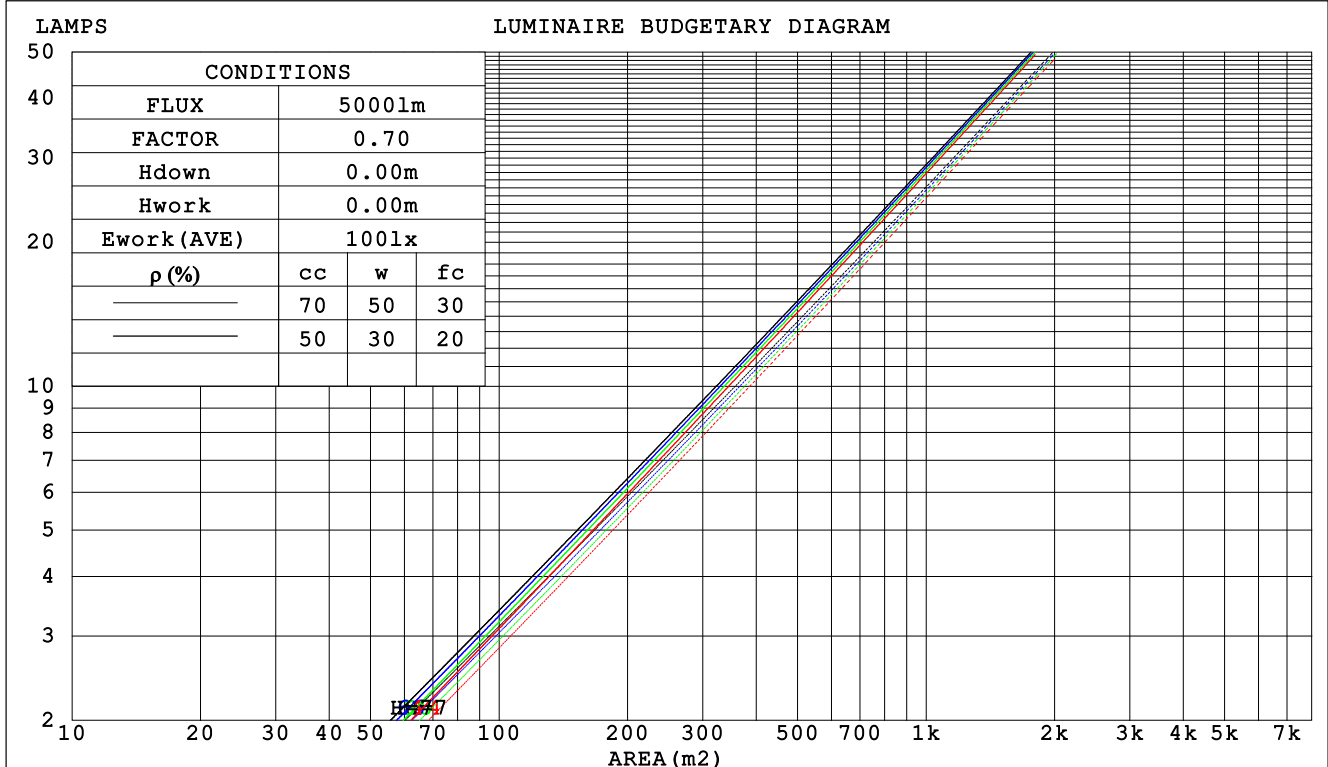
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding 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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.12	1.10	1.09	1.10	1.08	1.07	1.06	1.04	1.03	1.01	1.00	.00	.98	.97	.96	.94
2.0	1.07	1.04	1.02	1.05	1.03	1.00	1.02	.00	.98	.99	.97	.95	.96	.94	.93	.92
3.0	1.03	.99	.96	1.01	.98	.96	.98	.96	.94	.96	.94	.92	.93	.92	.90	.89
4.0	.99	.95	.92	.98	.94	.92	.95	.93	.90	.93	.91	.89	.91	.89	.88	.87
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
6.0	.93	.89	.86	.92	.88	.86	.90	.87	.85	.89	.86	.84	.88	.85	.83	.82
7.0	.90	.86	.83	.90	.86	.83	.88	.85	.83	.87	.84	.82	.86	.83	.82	.81
8.0	.88	.84	.81	.87	.84	.81	.86	.83	.81	.85	.82	.80	.84	.82	.80	.79
9.0	.86	.82	.79	.85	.82	.79	.84	.81	.79	.83	.81	.79	.83	.80	.78	.77
10.0	.84	.80	.78	.83	.80	.78	.83	.79	.77	.82	.79	.77	.81	.79	.77	.76



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

### WEC AND CCEC

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding 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	.135	.077	.024	.128	.073	.023	.114	.065	.021	.101	.058	.019	.089	.052	.017		
2.0	.125	.068	.021	.119	.065	.020	.107	.060	.019	.096	.054	.017	.087	.049	.015		
3.0	.116	.062	.018	.111	.059	.018	.101	.055	.017	.092	.050	.015	.083	.046	.014		
4.0	.108	.056	.016	.103	.054	.016	.095	.050	.015	.087	.047	.014	.080	.043	.013		
5.0	.101	.051	.015	.097	.050	.014	.090	.047	.014	.083	.044	.013	.077	.041	.012		
6.0	.095	.047	.014	.091	.046	.013	.085	.044	.013	.079	.041	.012	.074	.039	.012		
7.0	.089	.044	.012	.086	.043	.012	.081	.041	.012	.076	.039	.011	.071	.037	.011		
8.0	.084	.041	.012	.082	.040	.011	.077	.038	.011	.072	.037	.011	.068	.035	.010		
9.0	.080	.039	.011	.078	.038	.011	.073	.036	.010	.069	.035	.010	.066	.033	.010		
10.0	.076	.037	.010	.074	.036	.010	.070	.034	.010	.067	.033	.009	.063	.032	.009		

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.188	.178	.168	.161	.153	.145	.110	.105	.100	.063	.061	.058	.020	.020	.019	
2.0	.170	.153	.139	.146	.132	.120	.100	.091	.084	.058	.053	.049	.018	.017	.016	
3.0	.155	.134	.117	.133	.115	.101	.091	.080	.071	.053	.047	.042	.017	.015	.014	
4.0	.143	.118	.100	.122	.102	.087	.084	.071	.061	.049	.042	.036	.016	.014	.012	
5.0	.132	.106	.087	.113	.092	.076	.078	.064	.053	.045	.038	.032	.015	.012	.010	
6.0	.123	.096	.077	.105	.083	.067	.073	.058	.047	.042	.034	.028	.014	.011	.009	
7.0	.115	.088	.069	.099	.076	.060	.068	.053	.043	.040	.031	.025	.013	.010	.008	
8.0	.108	.081	.062	.093	.070	.054	.064	.049	.039	.037	.029	.023	.012	.010	.008	
9.0	.102	.075	.057	.088	.065	.050	.061	.046	.035	.035	.027	.021	.011	.009	.007	
10.0	.097	.070	.053	.084	.061	.046	.058	.043	.033	.034	.025	.020	.011	.008	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO015-31					TYPE:13.4D			WEIGHT:1		
SPEC.:3000K CRI90					DIM.:			SERIAL No.:		
MFR.:					SUR.:42			Shielding 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	14.2	14.8	14.4	15.0	15.2	14.8	15.4	15.0	15.5	15.7
3H	14.1	14.7	14.4	14.9	15.1	14.8	15.4	15.1	15.6	15.9
4H	14.0	14.6	14.3	14.8	15.1	14.8	15.3	15.1	15.6	15.8
6H	13.9	14.4	14.2	14.7	15.0	14.7	15.2	15.0	15.5	15.8
8H	13.9	14.4	14.2	14.7	15.0	14.6	15.1	15.0	15.4	15.7
12H	13.8	14.3	14.2	14.6	14.9	14.6	15.1	14.9	15.4	15.7
4H 2H	14.2	14.7	14.5	15.0	15.2	14.7	15.3	15.0	15.5	15.8
3H	14.1	14.5	14.4	14.8	15.2	14.8	15.2	15.1	15.5	15.9
4H	14.0	14.4	14.3	14.7	15.1	14.7	15.1	15.1	15.5	15.8
6H	13.9	14.2	14.3	14.6	15.0	14.6	15.0	15.0	15.3	15.7
8H	13.8	14.2	14.2	14.6	15.0	14.5	14.9	15.0	15.3	15.7
12H	13.8	14.1	14.2	14.5	14.9	14.5	14.8	14.9	15.2	15.7
8H 4H	13.8	14.2	14.2	14.6	15.0	14.5	14.9	14.9	15.3	15.7
6H	13.7	14.0	14.2	14.4	14.9	14.4	14.7	14.9	15.1	15.6
8H	13.6	13.9	14.1	14.4	14.9	14.4	14.6	14.8	15.1	15.6
12H	13.6	13.8	14.1	14.3	14.8	14.3	14.5	14.8	15.0	15.5
12H 4H	13.7	14.1	14.2	14.5	14.9	14.5	14.8	14.9	15.2	15.6
6H	13.6	13.9	14.1	14.4	14.8	14.3	14.6	14.8	15.1	15.6
8H	13.6	13.8	14.1	14.3	14.8	14.3	14.5	14.8	15.0	15.5
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 2.8					+ 1.5 / - 2.3				
1.5H	+ 2.4 / - 1.7					+ 2.3 / - 1.9				
2.0H	+ 2.9 / - 4.0					+ 3.2 / - 3.0				

CIE Pub.117, 757.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TL0015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

## UTILIZATION FACTORS TABLE

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding 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) x RCR = 5									
k = 0.60	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	92	88	84	81
1.00	99	93	90	98	93	89	96	92	89	84
1.25	103	98	94	101	97	94	99	95	93	88
1.50	105	101	97	104	100	97	101	98	95	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	112	110	109	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHR <sub>NOM</sub> = 1.25		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: CJY  
Test Date: 2024-08-21

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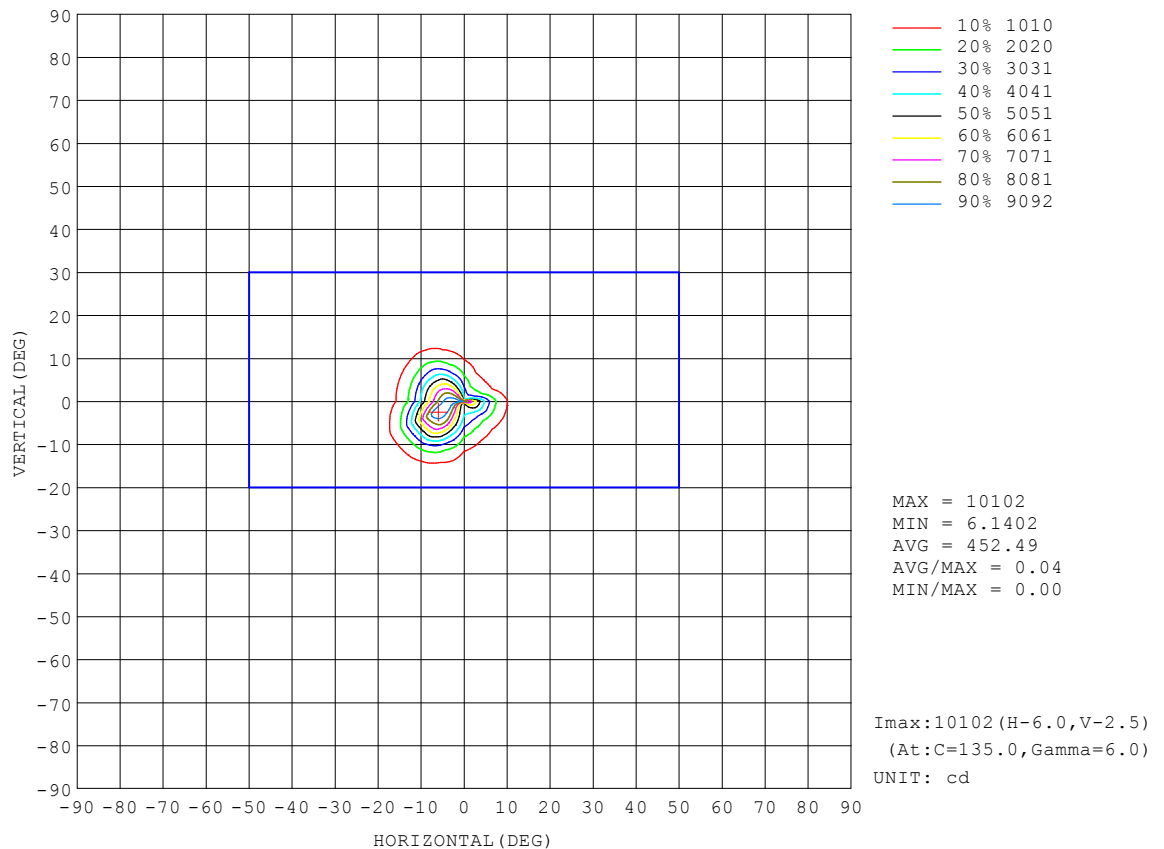
Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

### ISOCANDELA DIAGRAM

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-21

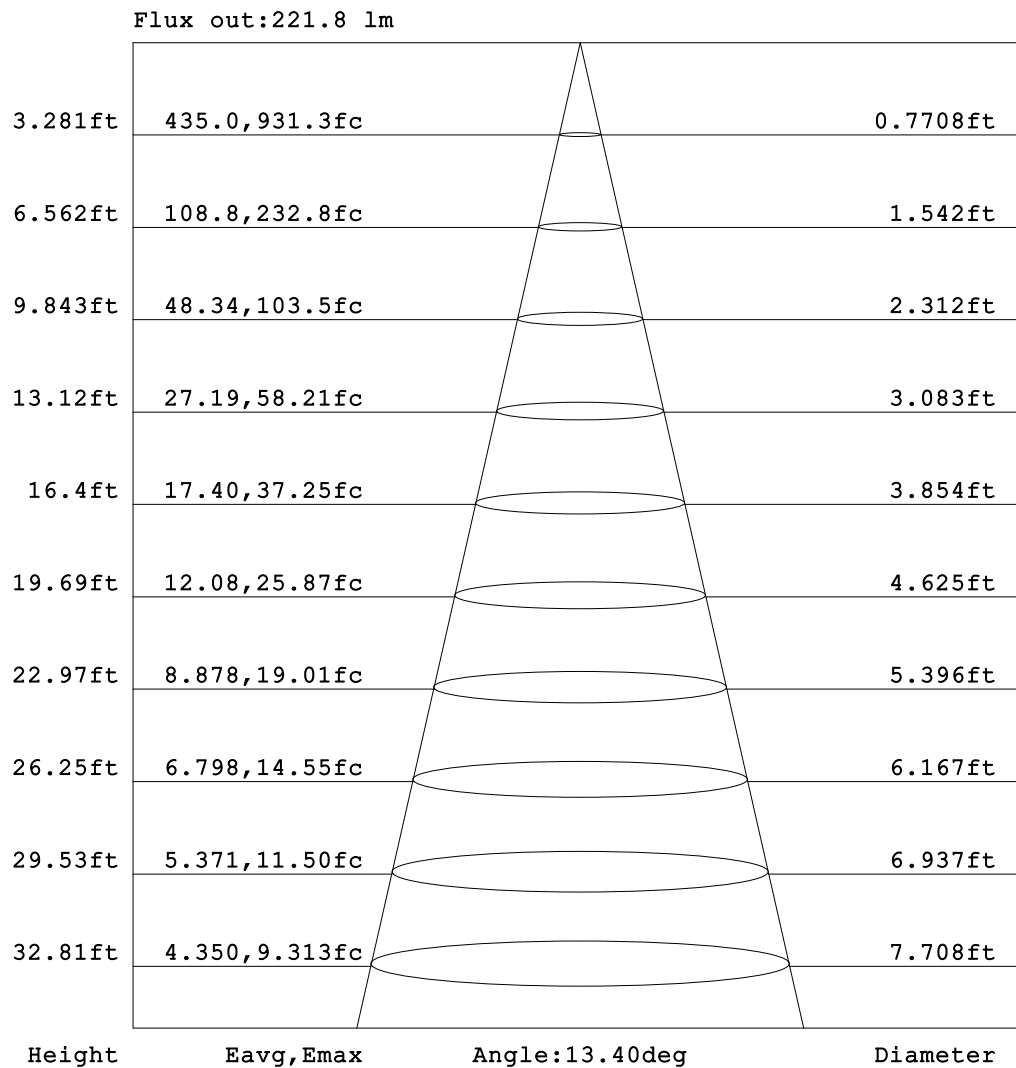
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:



TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

### AAI Figure

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:



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

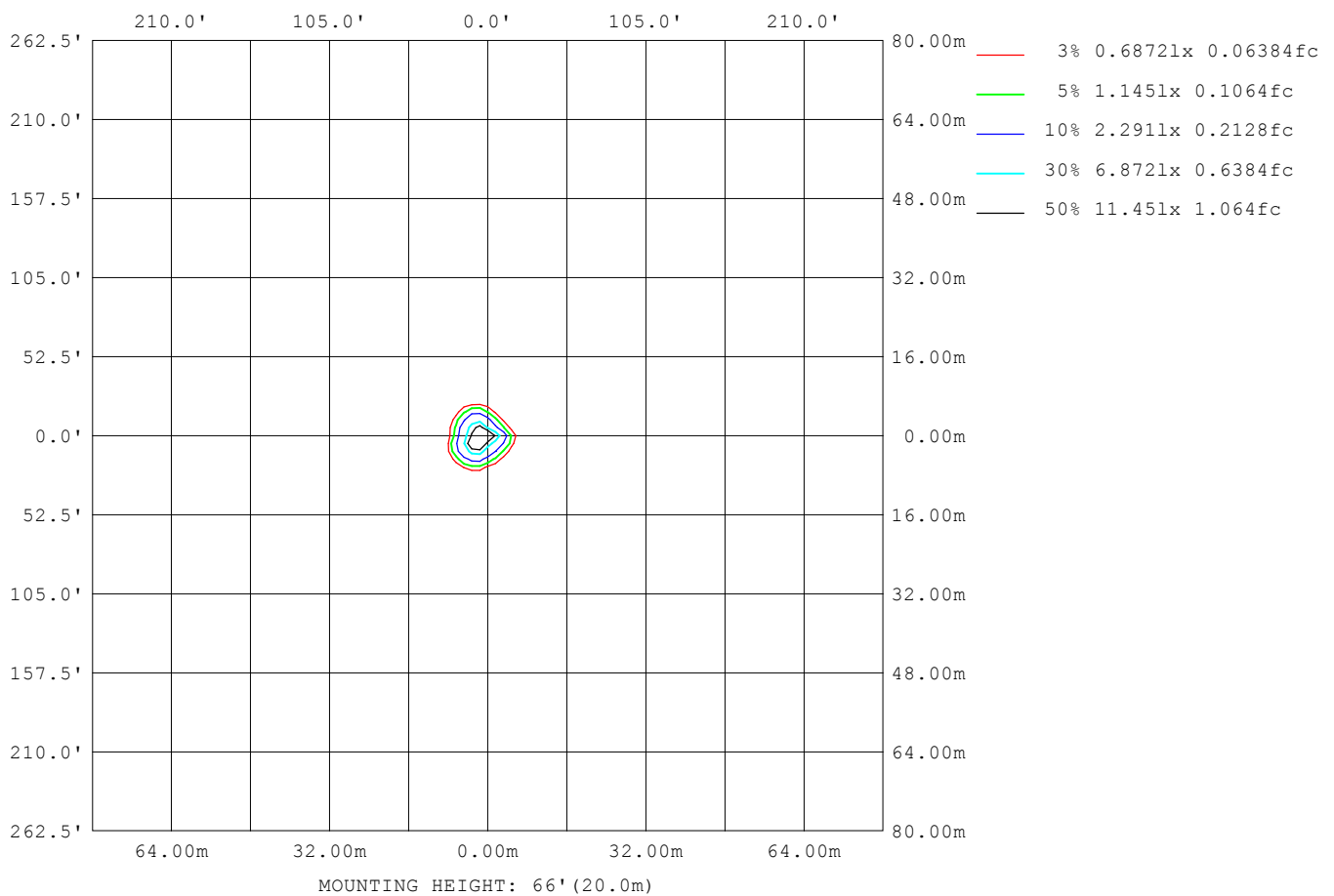
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

### ISOLUX DIAGRAM

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:



C Range: 0 - 360DEG  
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γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
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Test Distance:5.190m [K=1.0000]  
Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

## LED Avg.L Report

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:

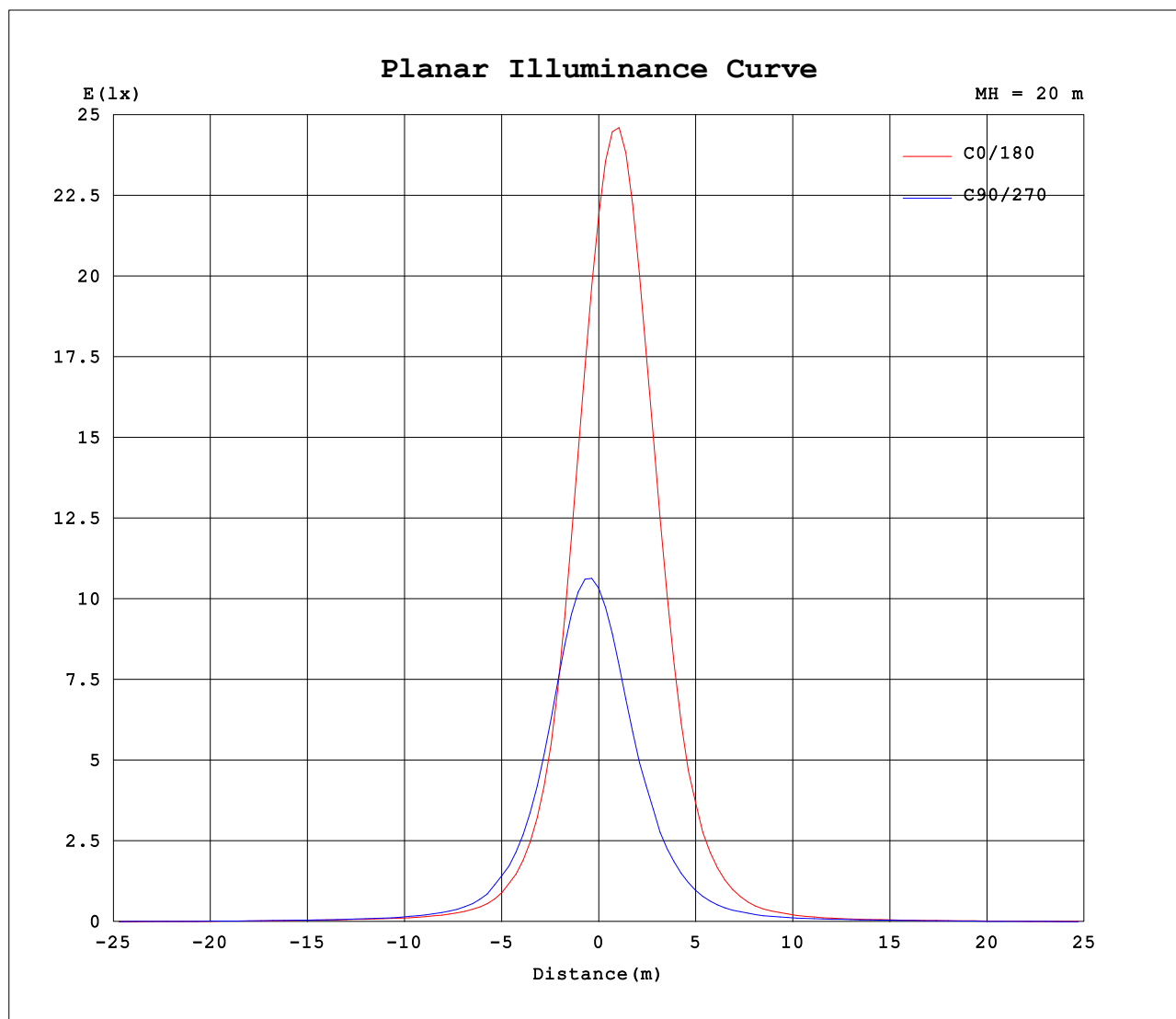
AvgL	cd/m2
L_0~180 (65) av	4651
L_0~180 (75) av	696
L_0~180 (85) av	865
L_90~270 (65) av	9496
L_90~270 (75) av	1339
L_90~270 (85) av	2103
L_45 (65) av	7490
L_45 (75) av	1617
L_45 (85) av	1637

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: CJY  
Test Date: 2024-08-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO015-31 36V350mA CMA1306-30G-NOU 13.4D 3000K CRI90 NA

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO015-31	TYPE:13.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	582	582	582	582	582	582	582	582	582	582	582	582	582	582	582	582			
5	253	255	251	335	488	810	1060	1019	597	588	577	463	335	235	193	175			
10	69.0	71.3	73.8	114	200	487	827	770	282	293	294	202	134	84.5	60.8	53.1			
15	20.9	21.6	23.7	36.9	71.6	162	268	265	82.0	90.0	102	76.4	49.4	30.2	22.3	18.2			
20	8.82	9.74	11.0	16.4	26.4	52.8	82.8	74.6	25.1	28.6	34.5	27.3	21.3	14.72	11.20	9.20			
25	5.06	5.52	6.61	9.24	14.3	22.8	26.9	24.0	10.1	10.9	13.6	12.4	11.17	9.18	7.31	6.01			
30	3.59	3.92	4.71	6.28	8.80	12.60	13.6	11.4	5.20	5.74	6.96	7.45	7.55	6.86	5.60	4.58			
35	2.83	3.02	3.59	4.72	6.34	8.19	8.27	6.49	3.45	3.84	4.71	5.40	6.03	5.57	4.30	3.49			
40	2.04	2.16	2.55	3.42	4.77	6.04	5.76	4.56	2.64	3.01	3.77	4.40	4.51	3.83	2.90	2.38			
45	1.28	1.38	1.62	2.36	3.24	4.41	4.31	3.48	1.86	2.15	2.68	2.97	2.84	2.45	1.87	1.50			
50	0.83	0.91	1.08	1.52	2.12	3.02	2.93	2.34	1.24	1.41	1.71	1.89	1.87	1.62	1.25	0.99			
55	0.57	0.63	0.75	1.03	1.44	2.01	1.94	1.56	0.83	0.95	1.14	1.26	1.29	1.12	0.86	0.68			
60	0.39	0.44	0.52	0.73	1.03	1.36	1.30	1.05	0.59	0.67	0.81	0.87	0.89	0.65	0.42	0.34			
65	0.13	0.16	0.18	0.36	0.72	0.97	0.93	0.75	0.41	0.46	0.55	0.53	0.39	0.13	0.09	0.07			
70	0.04	0.04	0.05	0.08	0.20	0.50	0.62	0.50	0.16	0.18	0.20	0.10	0.09	0.06	0.03	0.03			
75	0.01	0.02	0.02	0.03	0.07	0.11	0.15	0.12	0.03	0.04	0.05	0.04	0.02	0.02	0.02	0.01			
80	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.04	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01			
85	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01			
90	0.01	0.01	0.02	0.02	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.02			
95	0.01	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.02			
100	0.02	0.02	0.02	0.03	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.03			
105	0.02	0.02	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.03			
110	0.02	0.03	0.03	0.04	0.05	0.05	0.04	0.03	0.02	0.02	0.03	0.03	0.05	0.05	0.05	0.04			
115	0.03	0.03	0.04	0.05	0.05	0.06	0.04	0.04	0.02	0.03	0.03	0.04	0.06	0.07	0.06	0.05			
120	0.04	0.05	0.06	0.06	0.07	0.07	0.05	0.04	0.03	0.03	0.04	0.05	0.07	0.09	0.09	0.07			
125	0.07	0.08	0.10	0.10	0.09	0.08	0.06	0.05	0.04	0.04	0.05	0.07	0.10	0.16	0.18	0.15			
130	0.15	0.17	0.21	0.20	0.17	0.12	0.09	0.07	0.06	0.06	0.08	0.11	0.20	0.37	0.45	0.35			
135	0.34	0.38	0.46	0.44	0.37	0.24	0.16	0.13	0.13	0.13	0.17	0.25	0.48	0.82	0.89	0.70			
140	0.58	0.64	0.78	0.83	0.76	0.53	0.37	0.29	0.30	0.32	0.39	0.58	0.96	1.33	1.28	1.01			
145	0.74	0.82	1.00	1.18	1.25	1.03	0.76	0.61	0.54	0.58	0.71	0.97	1.39	1.66	1.49	1.19			
150	0.82	0.90	1.11	1.35	1.58	1.50	1.21	0.95	0.72	0.78	0.96	1.24	1.64	1.83	1.61	1.27			
155	0.85	0.94	1.15	1.44	1.73	1.75	1.46	1.16	0.81	0.89	1.09	1.39	1.77	1.93	1.64	1.29			
160	0.84	0.91	1.14	1.46	1.79	1.87	1.58	1.26	0.86	0.95	1.16	1.46	1.84	1.93	1.52	1.14			
165	0.70	0.75	1.00	1.40	1.77	1.90	1.63	1.30	0.87	0.96	1.17	1.45	1.75	1.69	1.16	0.82			
170	0.47	0.52	0.71	1.11	1.54	1.76	1.54	1.23	0.75	0.85	1.03	1.25	1.37	1.20	0.79	0.56			
175	0.34	0.38	0.53	0.78	1.16	1.38	1.24	0.97	0.53	0.61	0.76	0.95	1.03	0.96	0.69	0.47			
180	0.36	0.41	0.57	0.74	1.03	1.08	0.89	0.64	0.36	0.42	0.55	0.78	0.99	1.09	0.90	0.63			

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C Interval: 22.5DEG  
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