

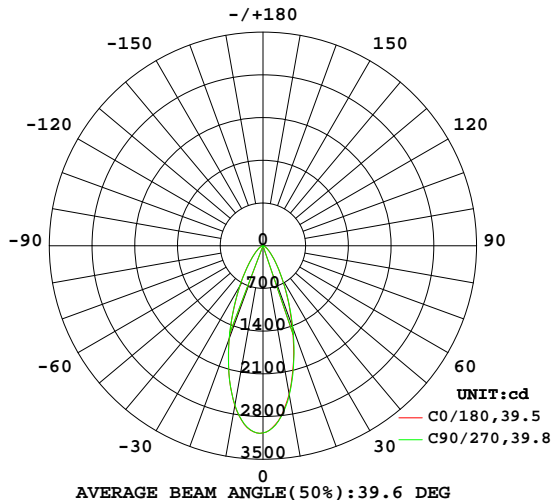
TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

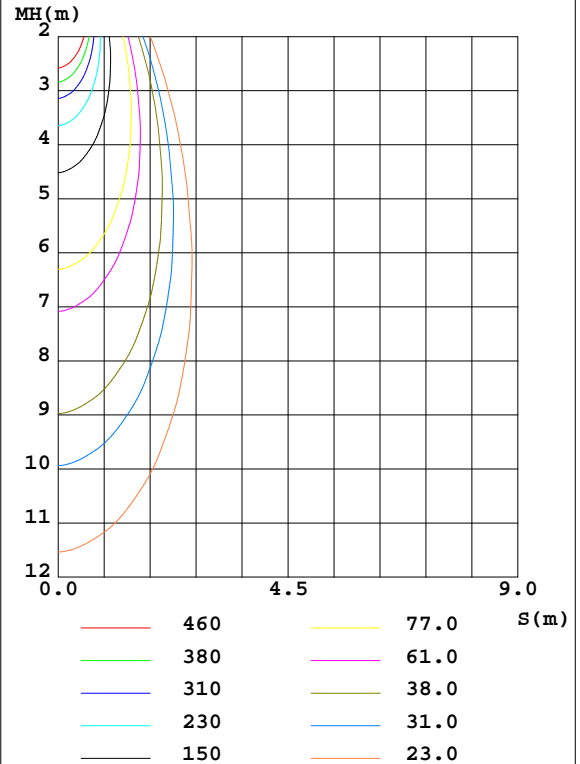
NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.31 lm/W			
MODEL		Imax(cd)	3083	S/MH(C0/180)	0.67
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1949.4	$\eta$ UP,DN(C0-180)	1.2,46.8
NOMINAL FLUX(lm)	1949.4	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.1,50.8
LAMPS INSIDE	1	$\eta$ up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	$\eta$ down(%)	97.6	CIBSE SHR MAX	0.70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-11-15

$\gamma$  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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 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	2471	2427	2485	2581	2662	2714	2654	2544	0- 10	268.3	268.3	13.8,13.8
20	1407	1367	1426	1521	1618	1683	1624	1498	10- 20	564.6	832.8	42.7,42.7
30	633.0	617.0	642.5	704.6	759.9	802.7	760.5	689.4	20- 30	484.4	1317	67.6,67.6
40	265.7	256.4	269.5	303.9	323.5	341.7	317.5	285.9	30- 40	289.9	1607	82.4,82.4
50	119.6	114.1	122.5	135.8	145.5	151.5	141.7	126.1	40- 50	154.0	1761	90.3,90.3
60	55.75	52.37	58.21	63.31	69.93	70.59	66.73	58.41	50- 60	82.27	1843	94.6,94.6
70	23.34	21.26	24.63	27.40	30.20	31.02	28.18	24.23	60- 70	41.76	1885	96.7,96.7
80	4.612	4.140	5.369	6.481	8.205	7.383	6.294	5.085	70- 80	15.95	1901	97.5,97.5
90	0.7381	0.7527	0.7466	0.6907	0.5665	0.5525	0.5917	0.6231	80- 90	2.088	1903	97.6,97.6
100	1.245	1.281	1.215	1.123	0.9633	0.9375	1.007	1.084	90-100	0.9281	1904	97.7,97.7
110	2.334	2.417	2.293	2.088	1.790	1.738	1.848	2.022	100-110	1.608	1906	97.8,97.8
120	4.572	4.745	4.538	4.144	3.559	3.439	3.652	3.991	110-120	2.914	1909	97.9,97.9
130	8.642	8.941	8.612	7.930	7.030	6.795	7.156	7.693	120-130	5.165	1914	98.2,98.2
140	14.14	14.43	14.15	13.32	12.30	11.93	12.39	13.02	130-140	8.016	1922	98.6,98.6
150	19.19	19.47	19.33	18.76	17.85	17.54	17.91	18.31	140-150	9.964	1932	99.1,99.1
160	21.42	21.73	22.09	21.76	21.24	21.19	21.45	21.20	150-160	9.344	1941	99.6,99.6
170	21.34	21.40	21.91	22.04	21.89	21.92	21.85	21.41	160-170	6.167	1947	99.9,99.9
180	21.78	22.07	21.80	22.06	21.81	22.08	21.79	22.06	170-180	2.071	1949	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

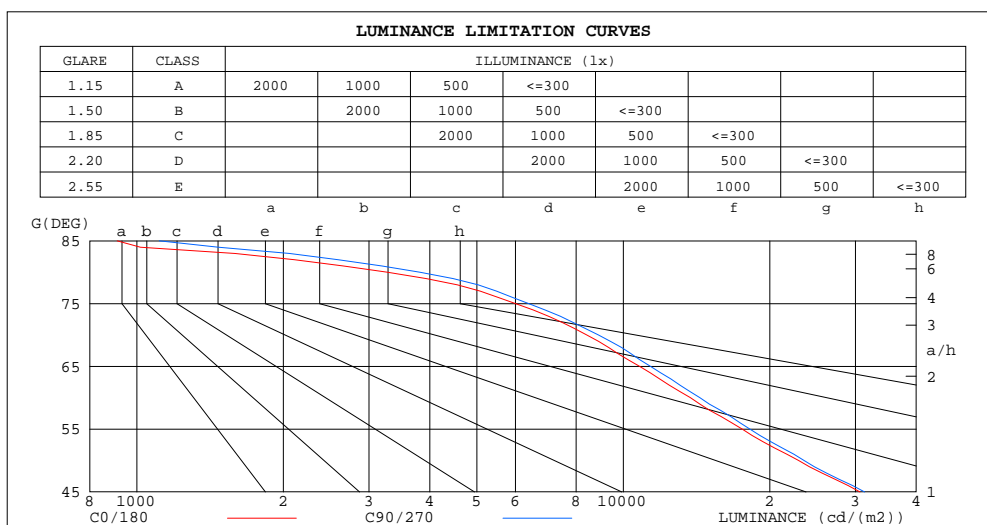
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 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:LXJ  
 Test Date:2024-11-15

$\gamma$  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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

# LUMINANCE LIMITATION CURVES

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	911	1112
80	3272	3815
75	5999	6384
70	8407	8887
65	10796	11364
60	13735	14364
55	17550	18200
50	22913	23507
45	30641	31323

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-11-15

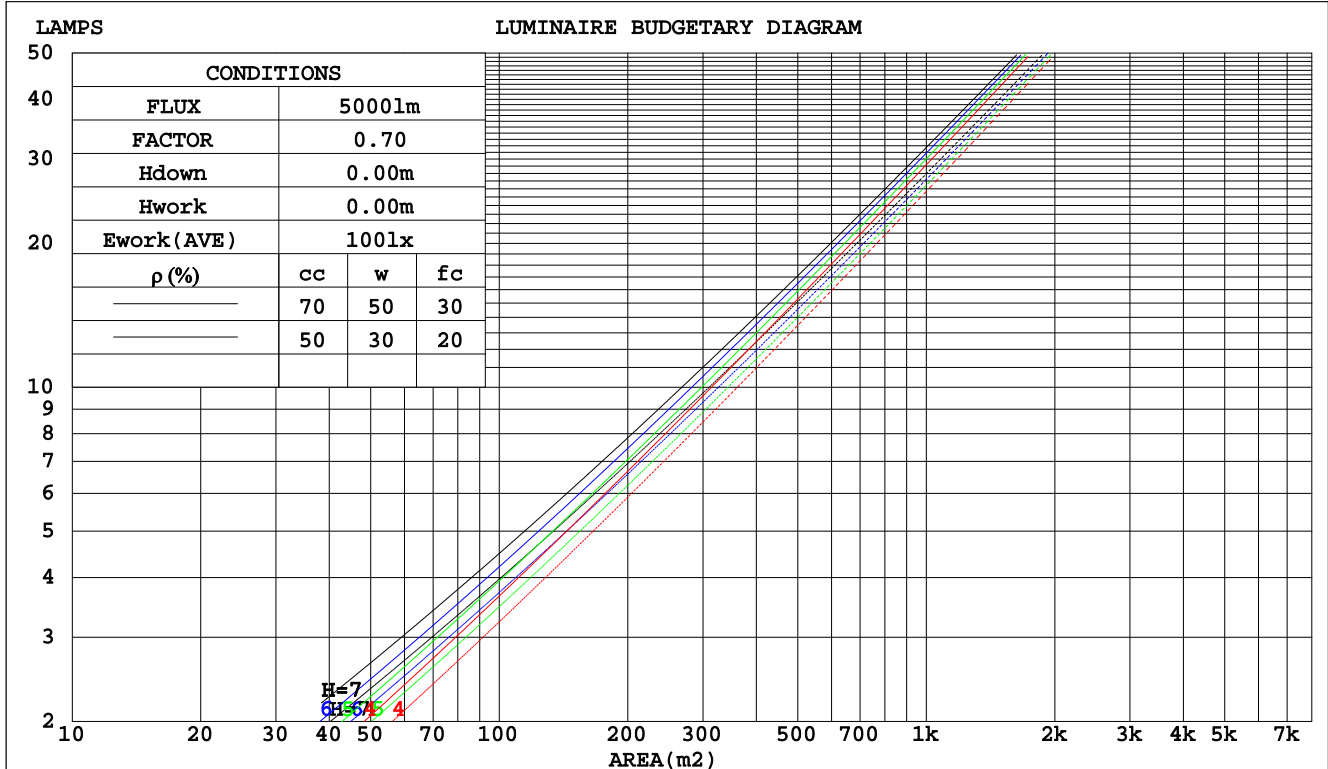
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.97	.94	.99	.96	.92	.96	.93	.90	.92	.90	.88	.89	.87	.85	.84
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.87	.83	.81	.84	.82	.79	.77
4.0	.88	.82	.78	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.76	.74	.72
5.0	.82	.76	.72	.81	.75	.71	.79	.74	.70	.77	.73	.70	.75	.72	.69	.67
6.0	.77	.71	.67	.76	.70	.66	.74	.69	.66	.73	.68	.65	.71	.67	.64	.63
7.0	.73	.67	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
8.0	.69	.63	.58	.68	.62	.58	.67	.62	.58	.65	.61	.57	.64	.60	.57	.56
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.54	.61	.57	.54	.53
10.0	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.51	.58	.54	.51	.50



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-11-15

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

### WEC AND CCEC

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	.189	.108	.034	.182	.104	.033	.168	.096	.031	.155	.089	.029	.143	.083	.027			
2.0	.181	.099	.030	.175	.096	.030	.163	.091	.028	.152	.085	.027	.142	.080	.025			
3.0	.172	.091	.027	.166	.089	.027	.156	.084	.026	.146	.080	.025	.137	.076	.024			
4.0	.162	.084	.025	.157	.082	.024	.148	.079	.023	.140	.075	.023	.132	.072	.022			
5.0	.153	.078	.023	.149	.077	.022	.141	.074	.022	.134	.071	.021	.127	.068	.020			
6.0	.145	.073	.021	.142	.072	.021	.135	.069	.020	.128	.067	.020	.122	.064	.019			
7.0	.138	.068	.019	.135	.067	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018			
8.0	.131	.064	.018	.128	.063	.018	.123	.061	.017	.117	.059	.017	.112	.058	.017			
9.0	.125	.060	.017	.122	.060	.017	.117	.058	.016	.112	.056	.016	.108	.055	.016			
10.0	.119	.057	.016	.117	.056	.016	.112	.055	.015	.108	.054	.015	.104	.052	.015			

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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.162	.163	.151	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.092	.096	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.154	.118	.090	.132	.102	.078	.091	.071	.055	.053	.041	.032	.017	.013	.011	
5.0	.145	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.138	.097	.068	.118	.084	.059	.082	.059	.042	.047	.035	.025	.015	.011	.008	
7.0	.131	.089	.060	.113	.077	.052	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.125	.083	.054	.108	.072	.047	.075	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.050	.103	.068	.043	.072	.048	.031	.042	.028	.018	.013	.009	.006	
10.0	.115	.074	.046	.099	.064	.040	.069	.045	.029	.040	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-11-15

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO025-61					TYPE:40D			WEIGHT:			
SPEC.:3000K CRI90					DIM.:			SERIAL No.:			
MFR.:					SUR.:90			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	17.1	18.1	17.3	18.3	18.5	17.2	18.2	17.5	18.4	18.6	
	3H	17.3	18.2	17.6	18.5	18.7	17.5	18.4	17.8	18.6	18.9
	4H	17.4	18.2	17.7	18.5	18.8	17.5	18.4	17.8	18.6	18.9
	6H	17.3	18.1	17.7	18.4	18.7	17.5	18.3	17.8	18.6	18.9
	8H	17.3	18.1	17.7	18.4	18.7	17.5	18.2	17.8	18.5	18.8
	12H	17.3	18.0	17.6	18.3	18.6	17.4	18.1	17.8	18.5	18.8
4H	2H	17.1	18.0	17.4	18.2	18.5	17.2	18.1	17.5	18.3	18.6
	3H	17.5	18.2	17.8	18.5	18.8	17.6	18.3	18.0	18.6	19.0
	4H	17.5	18.2	17.9	18.5	18.9	17.7	18.3	18.1	18.7	19.0
	6H	17.5	18.1	17.9	18.5	18.9	17.7	18.3	18.1	18.6	19.0
	8H	17.5	18.0	17.9	18.4	18.8	17.6	18.2	18.1	18.6	19.0
	12H	17.4	17.9	17.9	18.3	18.8	17.6	18.1	18.0	18.5	18.9
8H	4H	17.5	18.0	17.9	18.4	18.8	17.6	18.2	18.0	18.5	19.0
	6H	17.5	17.9	17.9	18.4	18.8	17.6	18.1	18.1	18.5	19.0
	8H	17.4	17.8	17.9	18.3	18.8	17.6	18.0	18.1	18.4	18.9
	12H	17.4	17.7	17.9	18.2	18.7	17.5	17.9	18.1	18.4	18.9
12H	4H	17.4	17.9	17.9	18.3	18.8	17.6	18.1	18.0	18.5	18.9
	6H	17.4	17.8	17.9	18.3	18.8	17.6	18.0	18.1	18.4	18.9
	8H	17.4	17.7	17.9	18.2	18.7	17.6	17.9	18.1	18.4	18.9
Variations with the observer position at spacings:											
S = 1.0H	+ 1.3 / - 1.8					+ 1.2 / - 1.7					
1.5H	+ 1.9 / - 1.3					+ 1.9 / - 1.3					
2.0H	+ 2.3 / - 1.9					+ 2.3 / - 1.9					

CIE Pub.117, 1949 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 2.3$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
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Temperature:28DEG  
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 $\gamma$  Interval: 1.0DEG  
 $\gamma$  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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### UTILIZATION FACTORS TABLE

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	81	73	69	80	73	69	79	72	68	64
0.80	89	82	77	88	81	77	86	80	77	72
1.00	94	87	83	93	87	83	91	87	82	77
1.25	99	93	89	98	92	88	95	90	87	82
1.50	102	96	92	101	95	92	98	94	90	85
2.00	106	101	97	104	99	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	89
3.00	110	106	102	107	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	108	111	109	107	106	105	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

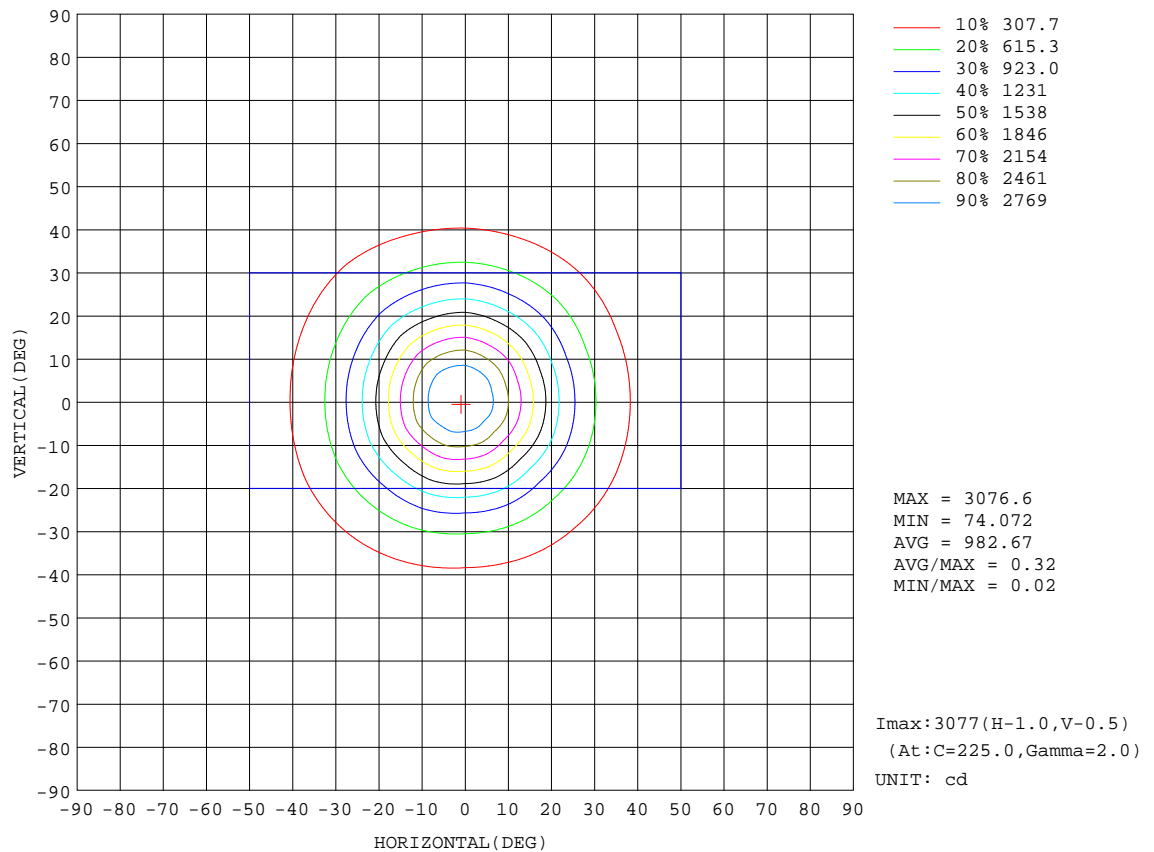
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 Remarks:

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## ISOCANDELA DIAGRAM

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:



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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

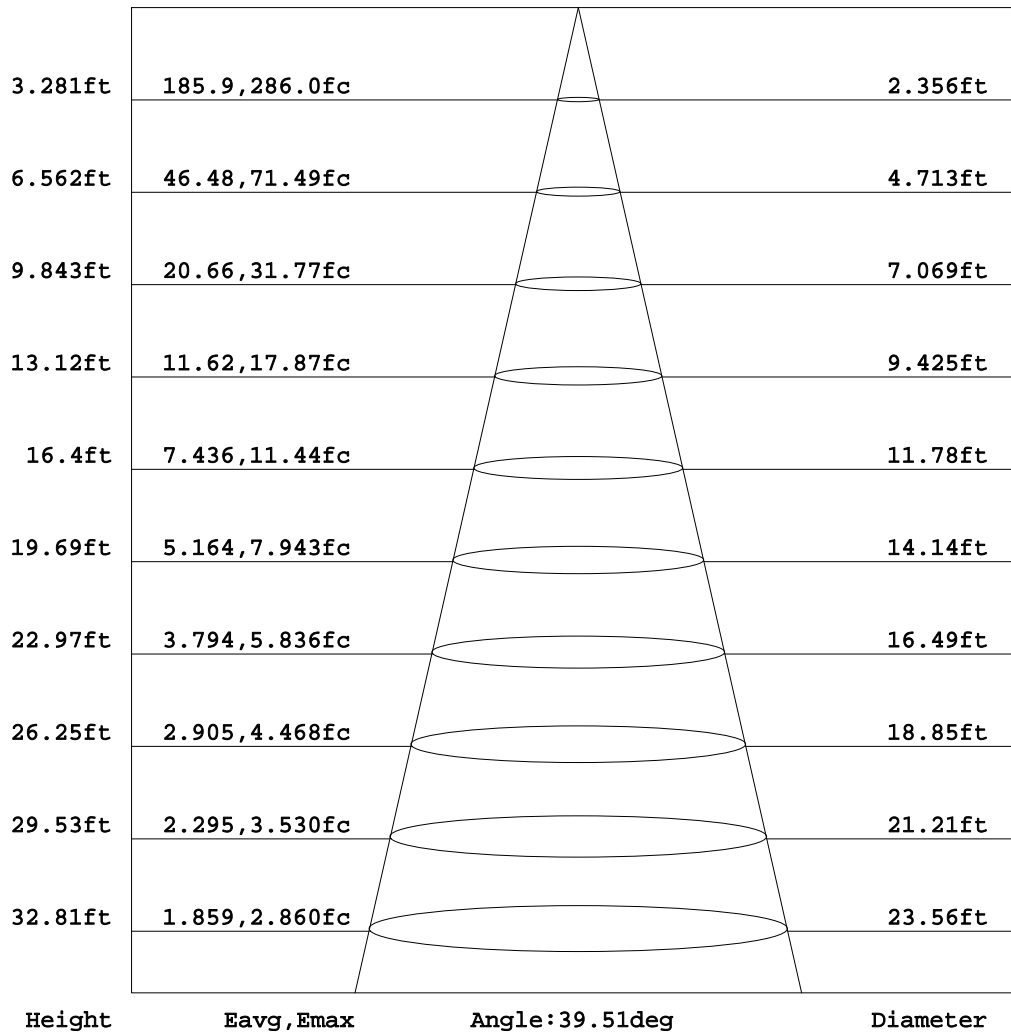


TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

### AAI Figure

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Flux out:832.8 lm



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

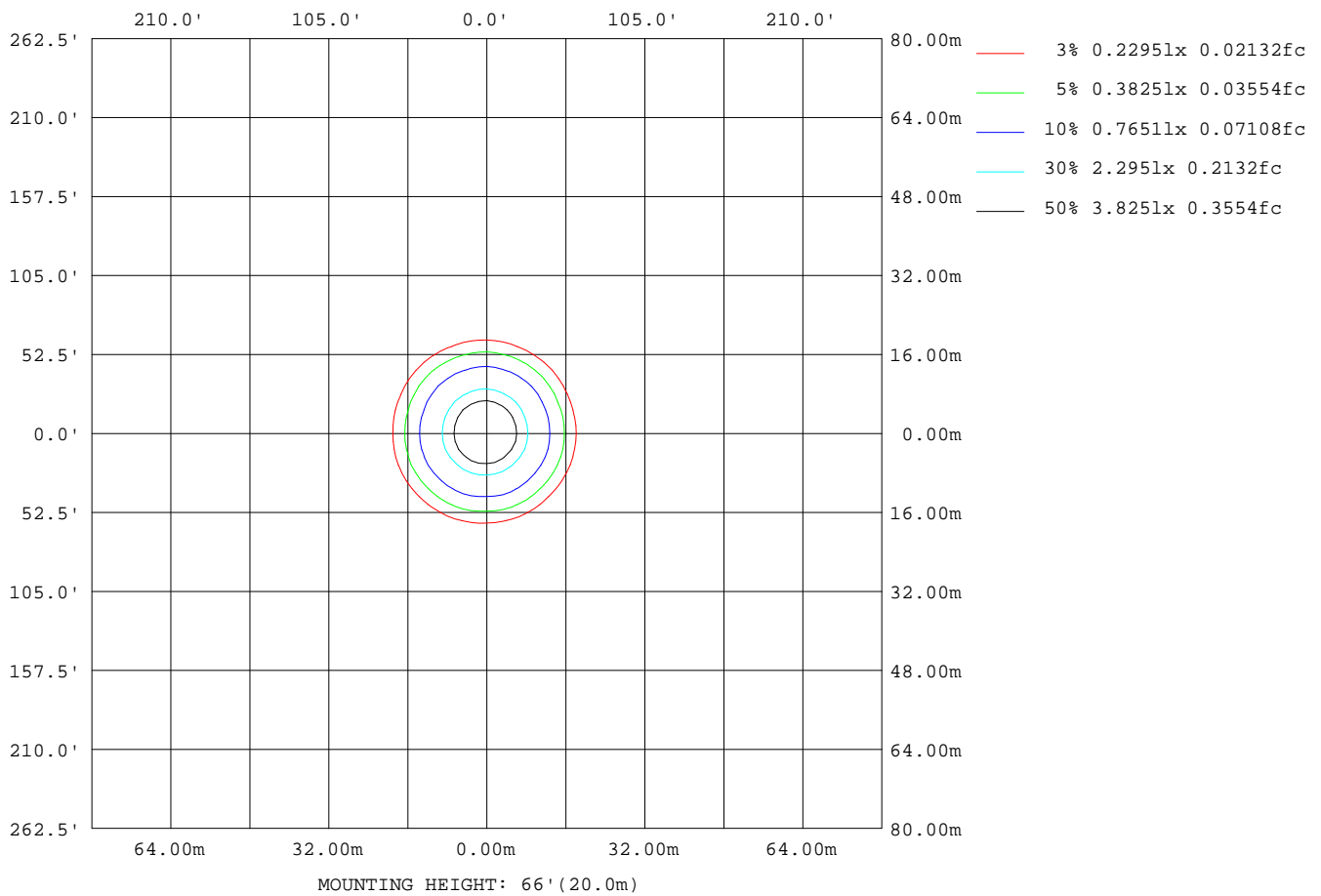
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γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

### ISOLUX DIAGRAM

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:



C Range: 0 - 360DEG  
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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%  
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Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

### LED Avg.L Report

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

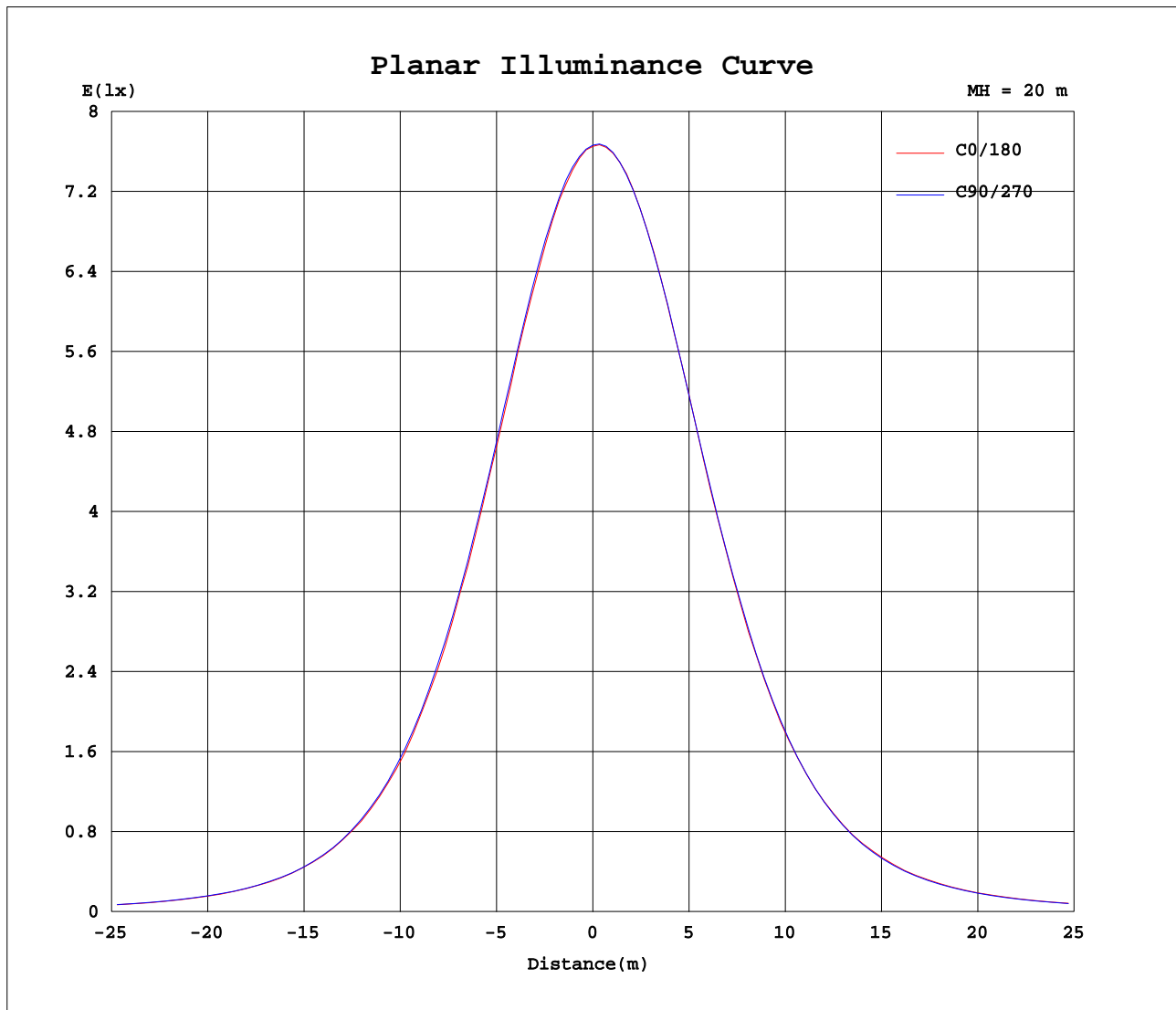
AvgL	cd/m2
L_0~180(65)av	12404
L_0~180(75)av	7098
L_0~180(85)av	1509
L_90~270(65)av	12228
L_90~270(75)av	6926
L_90~270(85)av	1179
L_45(65)av	11933
L_45(75)av	6951
L_45(85)av	1568

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-11-15

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: LXJ  
Test Date: 2024-11-15

$\gamma$  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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	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	3067	3067	3067	3067	3067	3067	3067	3067	3067	3067	3067	3067	3067	3067	3067	3067			
5	2883	2867	2857	2877	2889	2926	2946	2982	2992	3000	3020	2994	2982	2942	2922	2883			
10	2471	2458	2427	2468	2485	2546	2581	2657	2662	2677	2714	2677	2654	2585	2544	2472			
15	1943	1927	1893	1944	1954	2024	2068	2152	2162	2182	2227	2182	2159	2074	2035	1941			
20	1407	1403	1367	1419	1426	1499	1521	1607	1618	1630	1683	1635	1624	1541	1498	1408			
25	959	957	932	970	975	1035	1058	1127	1134	1143	1190	1148	1139	1075	1038	960			
30	633	627	617	635	643	683	705	756	760	768	803	769	760	716	689	634			
35	409	404	397	406	413	441	465	493	498	505	525	501	492	465	444	408			
40	266	262	256	264	270	286	304	321	323	329	342	324	318	299	286	265			
45	176	174	169	176	180	191	199	211	214	218	225	214	209	196	188	176			
50	120	117	114	119	122	130	136	144	145	148	152	145	142	132	126	119			
55	81.7	79.9	77.6	81.9	84.6	89.5	92.8	98.6	100	101	103	98.8	96.7	89.9	86.1	80.9			
60	55.7	54.0	52.4	55.7	58.2	61.5	63.3	68.4	69.9	69.9	70.6	68.4	66.7	61.2	58.4	54.7			
65	37.0	35.8	34.3	37.2	38.9	41.5	42.6	46.6	47.9	47.3	47.9	45.8	44.8	40.8	38.6	36.2			
70	23.3	22.4	21.3	23.5	24.6	26.7	27.4	30.0	30.2	30.4	31.0	28.6	28.2	25.4	24.2	22.7			
75	12.6	12.2	11.6	12.7	13.4	15.1	15.5	17.1	17.2	17.3	17.5	16.0	15.6	13.9	13.7	12.3			
80	4.61	4.74	4.14	5.06	5.37	6.58	6.48	8.31	8.21	8.18	7.38	6.59	6.29	5.74	5.08	4.64			
85	0.64	0.66	0.70	0.75	0.79	1.17	1.40	1.98	1.49	1.68	1.58	0.80	0.88	0.76	0.74	0.54			
90	0.74	0.77	0.75	0.77	0.75	0.74	0.69	0.68	0.57	0.53	0.55	0.55	0.59	0.59	0.62	0.63			
95	0.94	0.97	0.96	0.96	0.92	0.89	0.85	0.84	0.73	0.70	0.71	0.72	0.77	0.78	0.82	0.83			
100	1.25	1.27	1.28	1.26	1.21	1.17	1.12	1.08	0.96	0.93	0.94	0.96	1.01	1.04	1.08	1.12			
105	1.69	1.71	1.75	1.69	1.65	1.57	1.51	1.44	1.30	1.27	1.26	1.31	1.35	1.41	1.47	1.53			
110	2.33	2.35	2.42	2.33	2.29	2.16	2.09	1.97	1.79	1.76	1.74	1.80	1.85	1.94	2.02	2.12			
115	3.26	3.29	3.39	3.27	3.23	3.03	2.94	2.75	2.51	2.48	2.43	2.53	2.58	2.73	2.83	2.99			
120	4.57	4.64	4.74	4.62	4.54	4.28	4.14	3.88	3.56	3.53	3.44	3.58	3.65	3.86	3.99	4.21			
125	6.36	6.44	6.60	6.41	6.33	5.98	5.79	5.46	5.06	4.97	4.88	5.05	5.18	5.40	5.61	5.88			
130	8.64	8.71	8.94	8.70	8.61	8.16	7.93	7.53	7.03	6.91	6.80	7.01	7.16	7.44	7.69	8.05			
135	11.3	11.4	11.6	11.4	11.3	10.8	10.5	10.1	9.48	9.30	9.19	9.40	9.60	9.95	10.2	10.6			
140	14.1	14.2	14.4	14.3	14.2	13.7	13.3	12.9	12.3	12.1	11.9	12.2	12.4	12.8	13.0	13.4			
145	16.9	17.0	17.2	17.0	17.0	16.5	16.2	15.8	15.2	15.0	14.8	15.1	15.3	15.6	15.8	16.2			
150	19.2	19.3	19.5	19.3	19.3	18.9	18.8	18.4	17.8	17.7	17.5	17.8	17.9	18.2	18.3	18.6			
155	20.7	20.8	21.0	21.0	21.1	20.9	20.7	20.4	19.9	19.8	19.8	20.0	20.0	20.2	20.2	20.3			
160	21.4	21.4	21.7	21.9	22.1	21.9	21.8	21.6	21.2	21.1	21.2	21.4	21.5	21.4	21.2	21.2			
165	21.5	21.5	21.8	22.1	22.3	22.2	22.2	22.1	21.8	21.8	21.8	21.9	22.0	21.7	21.4	21.5			
170	21.3	21.3	21.4	21.7	21.9	21.9	22.0	22.2	21.9	22.0	21.9	21.8	21.8	21.6	21.4	21.4			
175	21.2	21.3	21.6	21.5	21.5	21.7	22.1	22.0	21.8	22.0	22.2	21.8	21.6	21.8	21.7	21.4			
180	21.8	21.8	22.1	21.7	21.8	21.8	22.1	21.9	21.8	21.8	22.1	21.8	21.8	21.8	22.1	21.9			

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C Interval: 22.5DEG  
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