

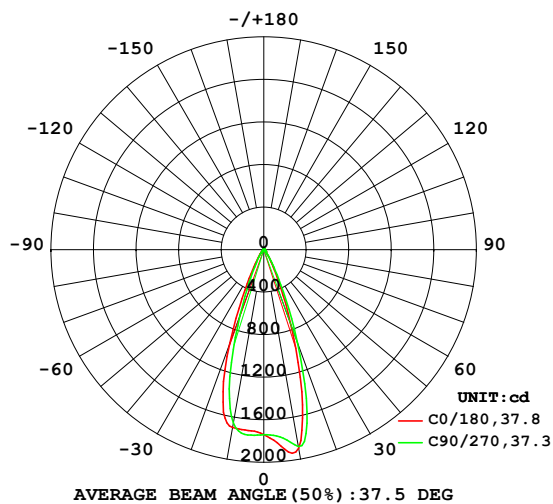
TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

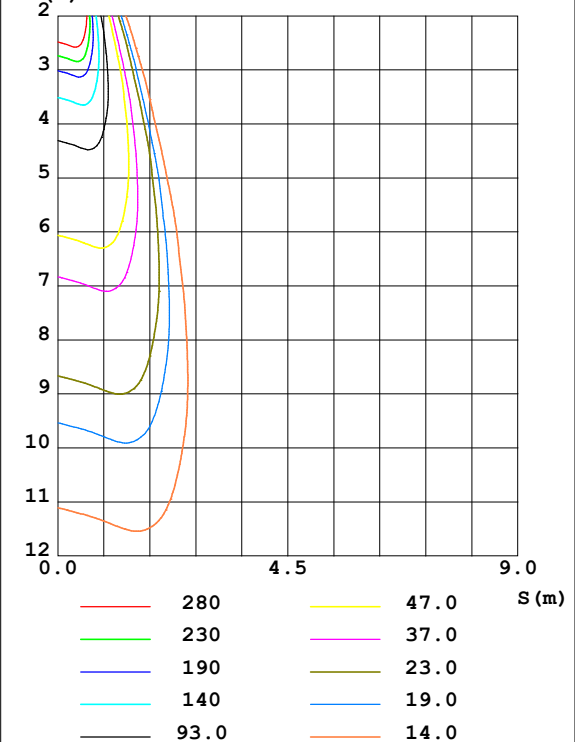
NAME: TLO010-31	TYPE: 37.5D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 42	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 81.87 lm/W
MODEL		I <sub>max</sub> (cd)	1954	S/MH (C0/180)		0.61
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)		0.55
RATED VOLTAGE (V)	110	TOTAL FLUX (lm)	845.20	η UP, DN (C0-180)		1.2, 53.2
NOMINAL FLUX (lm)	845.197	CIE CLASS	DIRECT	η UP, DN (C180-360)		1.2, 44.3
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM		0.50
TEST VOLTAGE (V)	110	η down (%)	97.6	CIBSE SHR MAX		0.55

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:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 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	1894	1901	1879	1746	1698	1684	1654	1629	0- 10	169.1	169.1	20,20
20	733.6	715.0	928.9	1204	935.6	898.0	651.3	522.1	10- 20	372.8	542.0	64.1,64.1
30	158.8	153.2	193.7	256.0	187.5	182.0	138.2	112.3	20- 30	187.8	729.7	86.3,86.3
40	46.64	42.58	48.05	62.20	51.70	50.67	40.50	36.04	30- 40	57.29	787.0	93.1,93.1
50	19.33	17.37	18.49	22.71	20.90	20.48	16.92	15.07	40- 50	23.35	810.4	95.9,95.9
60	6.653	6.318	7.391	9.120	7.835	7.732	5.959	5.088	50- 60	10.75	821.1	97.2,97.2
70	0.4482	0.4066	0.5723	1.084	0.6615	0.6355	0.3723	0.2800	60- 70	3.135	824.3	97.5,97.5
80	0.1892	0.1875	0.1909	0.1923	0.1513	0.1524	0.1427	0.1391	70- 80	0.2852	824.6	97.6,97.6
90	0.1892	0.1808	0.1930	0.1778	0.1603	0.1544	0.1646	0.1701	80- 90	0.1802	824.7	97.6,97.6
100	0.2559	0.2469	0.2347	0.2238	0.2294	0.2184	0.2349	0.2497	90-100	0.2186	825.0	97.6,97.6
110	0.4337	0.4319	0.3749	0.3420	0.3742	0.3575	0.3974	0.4553	100-110	0.3165	825.3	97.6,97.6
120	1.134	1.114	0.8788	0.7522	0.8847	0.8568	1.041	1.287	110-120	0.6140	825.9	97.7,97.7
130	3.340	3.267	2.685	2.334	2.726	2.725	3.223	3.707	120-130	1.635	827.5	97.9,97.9
140	6.700	6.541	5.825	5.378	6.030	6.041	6.635	7.173	130-140	3.495	831.0	98.3,98.3
150	10.29	10.15	9.484	9.018	9.669	9.648	10.17	10.54	140-150	5.042	836.1	98.9,98.9
160	11.42	11.52	11.58	11.49	11.69	11.61	11.59	11.14	150-160	5.050	841.1	99.5,99.5
170	10.11	10.17	10.68	10.84	10.62	10.47	10.13	9.493	160-170	3.146	844.3	99.9,99.9
180	9.638	9.748	9.731	9.686	9.656	9.741	9.716	9.704	170-180	0.9471	845.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

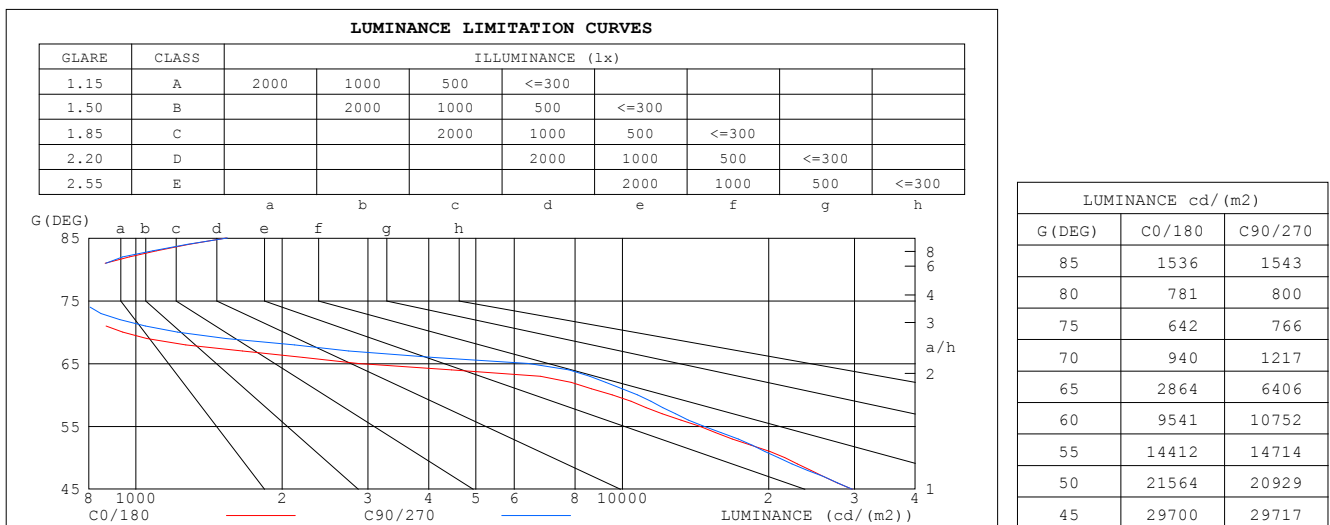
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:CJY  
 Test Date:2024-08-21

$\gamma$  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:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

### LUMINANCE LIMITATION CURVES

NAME: TLO010-31	TYPE: 37.5D	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

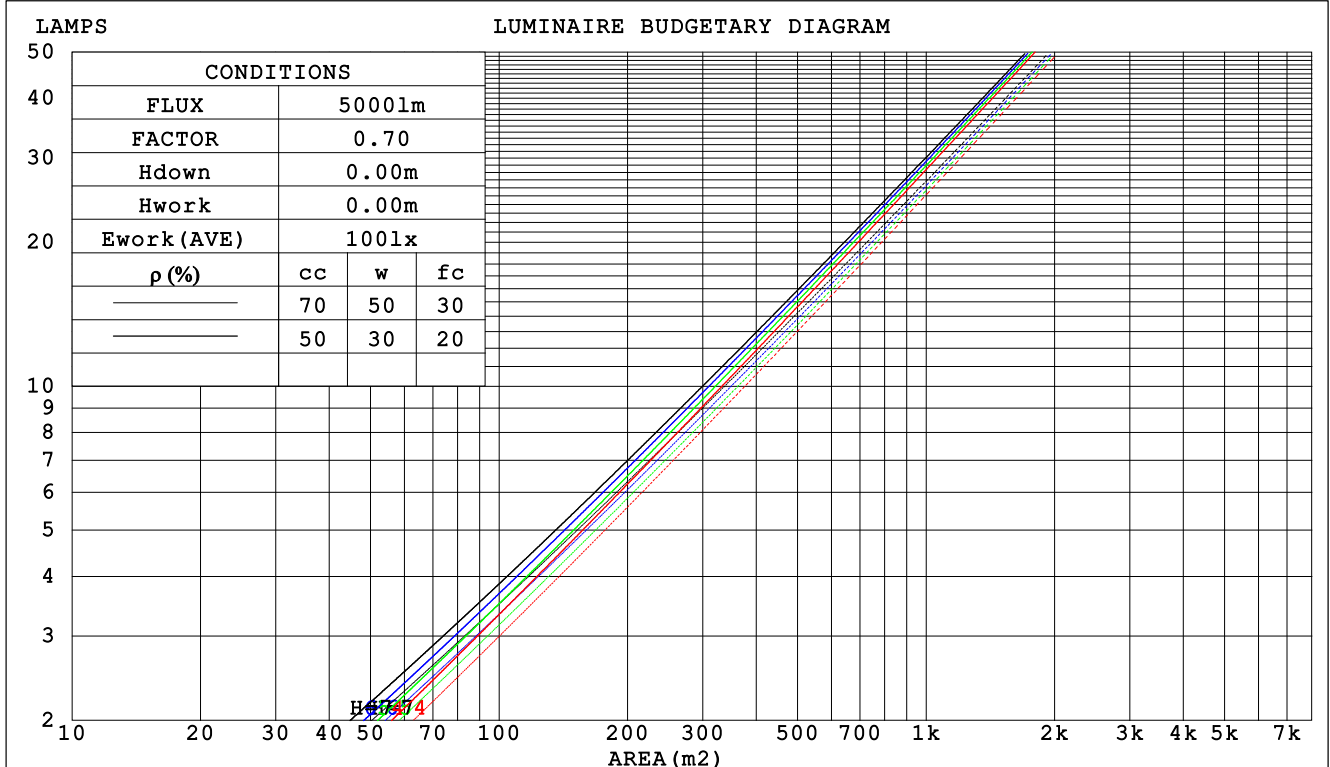
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-31	TYPE:37.5D	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.02	1.00	.99	.98	.97	.96	.95	.93
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.95	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.90	.87	.86	.84
4.0	.94	.89	.86	.93	.89	.85	.90	.87	.84	.88	.85	.83	.86	.84	.82	.80
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.81	.79	.83	.80	.78	.77
6.0	.85	.80	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.80	.77	.75	.73
7.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.70	.78	.73	.70	.76	.72	.69	.75	.72	.69	.74	.71	.68	.67
9.0	.75	.70	.67	.75	.70	.67	.74	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.67	.64	.72	.67	.64	.71	.67	.64	.70	.66	.64	.69	.66	.63	.62



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:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

### WEC AND CCEC

NAME: TLO010-31	TYPE:37.5D	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	.157	.089	.028	.150	.085	.027	.136	.078	.025	.123	.071	.023	.112	.065	.021		
2.0	.148	.081	.025	.142	.078	.024	.130	.072	.022	.119	.067	.021	.109	.062	.019		
3.0	.139	.074	.022	.134	.072	.022	.124	.067	.020	.115	.063	.019	.106	.059	.018		
4.0	.132	.068	.020	.127	.066	.020	.118	.063	.019	.110	.059	.018	.103	.056	.017		
5.0	.125	.064	.018	.121	.062	.018	.113	.059	.017	.106	.056	.017	.100	.053	.016		
6.0	.118	.059	.017	.115	.058	.017	.108	.056	.016	.102	.053	.016	.096	.051	.015		
7.0	.113	.056	.016	.110	.055	.016	.104	.053	.015	.098	.050	.015	.093	.048	.014		
8.0	.108	.053	.015	.105	.052	.015	.100	.050	.014	.095	.048	.014	.090	.046	.014		
9.0	.103	.050	.014	.101	.049	.014	.096	.047	.013	.092	.046	.013	.087	.044	.013		
10.0	.099	.047	.013	.097	.047	.013	.092	.045	.013	.088	.044	.012	.085	.043	.012		

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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.188	.176	.165	.161	.151	.142	.110	.104	.098	.063	.060	.057	.020	.019	.018	
2.0	.172	.151	.134	.147	.130	.116	.101	.090	.081	.058	.052	.047	.019	.017	.015	
3.0	.158	.132	.112	.136	.114	.097	.093	.079	.068	.054	.046	.040	.017	.015	.013	
4.0	.147	.117	.095	.126	.101	.082	.087	.071	.058	.050	.041	.034	.016	.013	.011	
5.0	.137	.105	.082	.118	.091	.071	.081	.064	.050	.047	.037	.030	.015	.012	.010	
6.0	.129	.096	.072	.111	.083	.063	.077	.058	.044	.044	.034	.026	.014	.011	.009	
7.0	.122	.088	.064	.105	.076	.056	.073	.053	.040	.042	.031	.024	.014	.010	.008	
8.0	.116	.081	.058	.100	.071	.050	.069	.050	.036	.040	.029	.021	.013	.010	.007	
9.0	.111	.076	.053	.095	.066	.046	.066	.046	.033	.038	.027	.019	.012	.009	.006	
10.0	.106	.071	.049	.091	.062	.042	.063	.044	.030	.037	.026	.018	.012	.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:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO010-31					TYPE:37.5D			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	16.7	17.5	16.9	17.7	17.8	17.0	17.8	17.3	18.0	18.2	
	3H	16.5	17.2	16.8	17.5	17.7	16.9	17.6	17.2	17.8	
	4H	16.4	17.1	16.7	17.4	17.6	16.8	17.5	17.1	17.7	
	6H	16.4	17.0	16.7	17.3	17.6	16.7	17.3	17.0	17.6	
	8H	16.3	16.9	16.6	17.2	17.5	16.7	17.3	17.0	17.6	
	12H	16.3	16.8	16.6	17.2	17.5	16.6	17.2	17.0	17.5	
4H	2H	16.5	17.2	16.8	17.5	17.7	16.9	17.5	17.2	17.8	
	3H	16.4	17.0	16.7	17.3	17.6	16.7	17.3	17.1	17.6	
	4H	16.3	16.8	16.7	17.1	17.5	16.6	17.2	17.0	17.5	
	6H	16.2	16.6	16.6	17.0	17.4	16.5	17.0	16.9	17.4	
	8H	16.1	16.6	16.5	16.9	17.4	16.5	16.9	16.9	17.3	
	12H	16.1	16.5	16.5	16.9	17.3	16.4	16.8	16.9	17.2	
8H	4H	16.1	16.5	16.5	16.9	17.4	16.5	16.9	16.9	17.3	
	6H	16.0	16.4	16.5	16.8	17.3	16.3	16.7	16.8	17.1	
	8H	15.9	16.3	16.4	16.7	17.2	16.3	16.6	16.8	17.1	
	12H	15.9	16.2	16.4	16.6	17.2	16.2	16.5	16.7	17.0	
12H	4H	16.1	16.5	16.5	16.9	17.3	16.4	16.8	16.9	17.2	
	6H	15.9	16.3	16.4	16.7	17.2	16.3	16.6	16.8	17.1	
	8H	15.9	16.2	16.4	16.6	17.2	16.2	16.5	16.7	17.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.3 / - 4.1					+ 2.7 / - 4.1					
1.5H	+ 3.2 / - 2.7					+ 3.8 / - 2.8					
2.0H	+ 3.6 / - 6.0					+ 3.6 / - 4.7					

CIE Pub.117, 845.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.6)

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:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

### UTILIZATION FACTORS TABLE

NAME: TLO010-31	TYPE:37.5D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	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	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	105	101	98	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	105	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

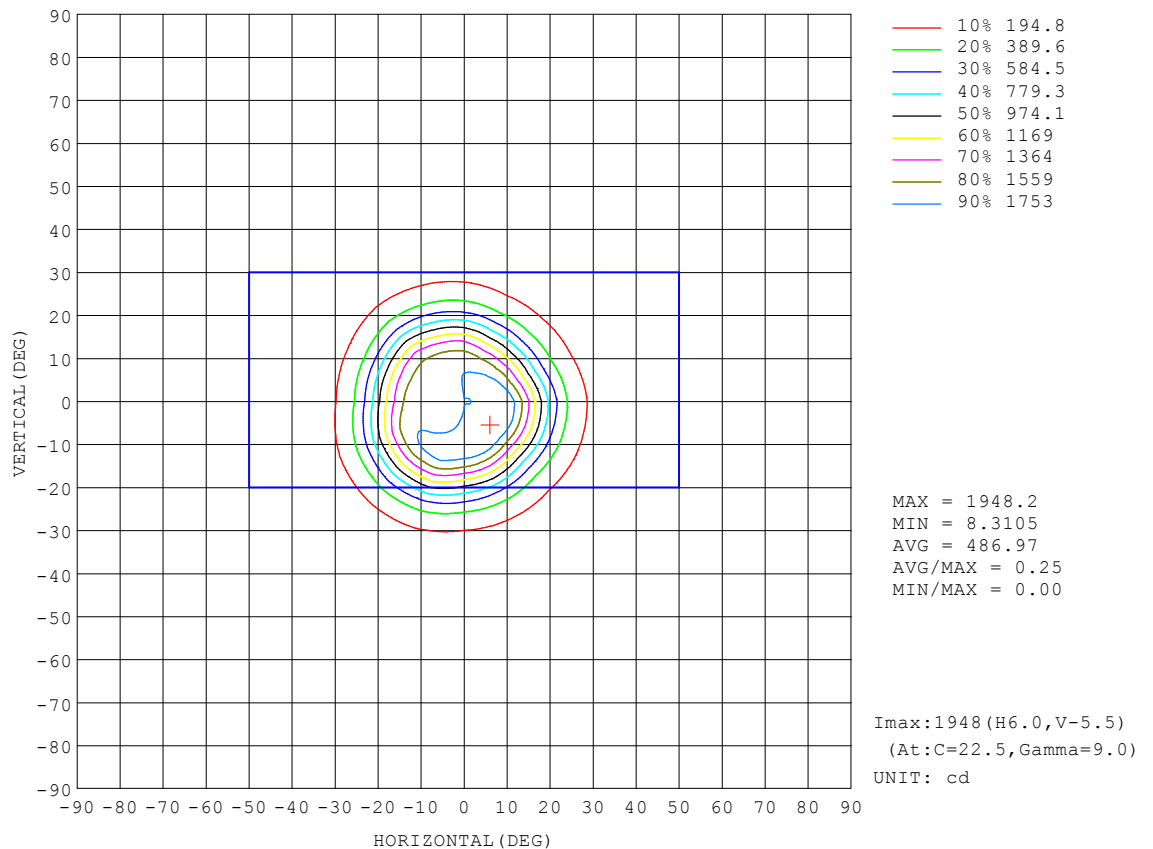
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 Temperature:28DEG  
 Operators:CJY  
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 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:5.190m [K=1.0000]  
 Remarks:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

### ISOCANDELA DIAGRAM

NAME: TLO010-31	TYPE: 37.5D	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  
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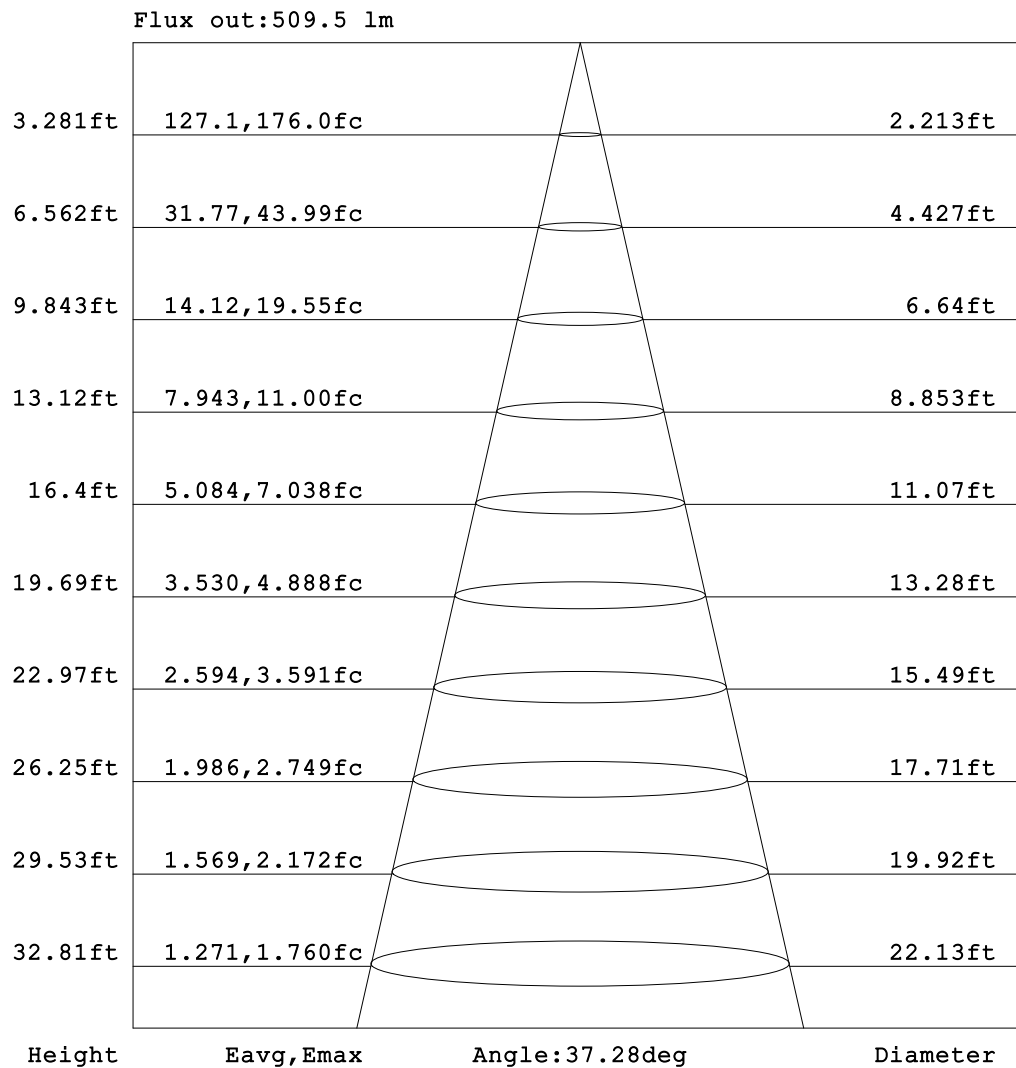
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
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Remarks:



TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

### AAI Figure

NAME: TLO010-31	TYPE: 37.5D	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.

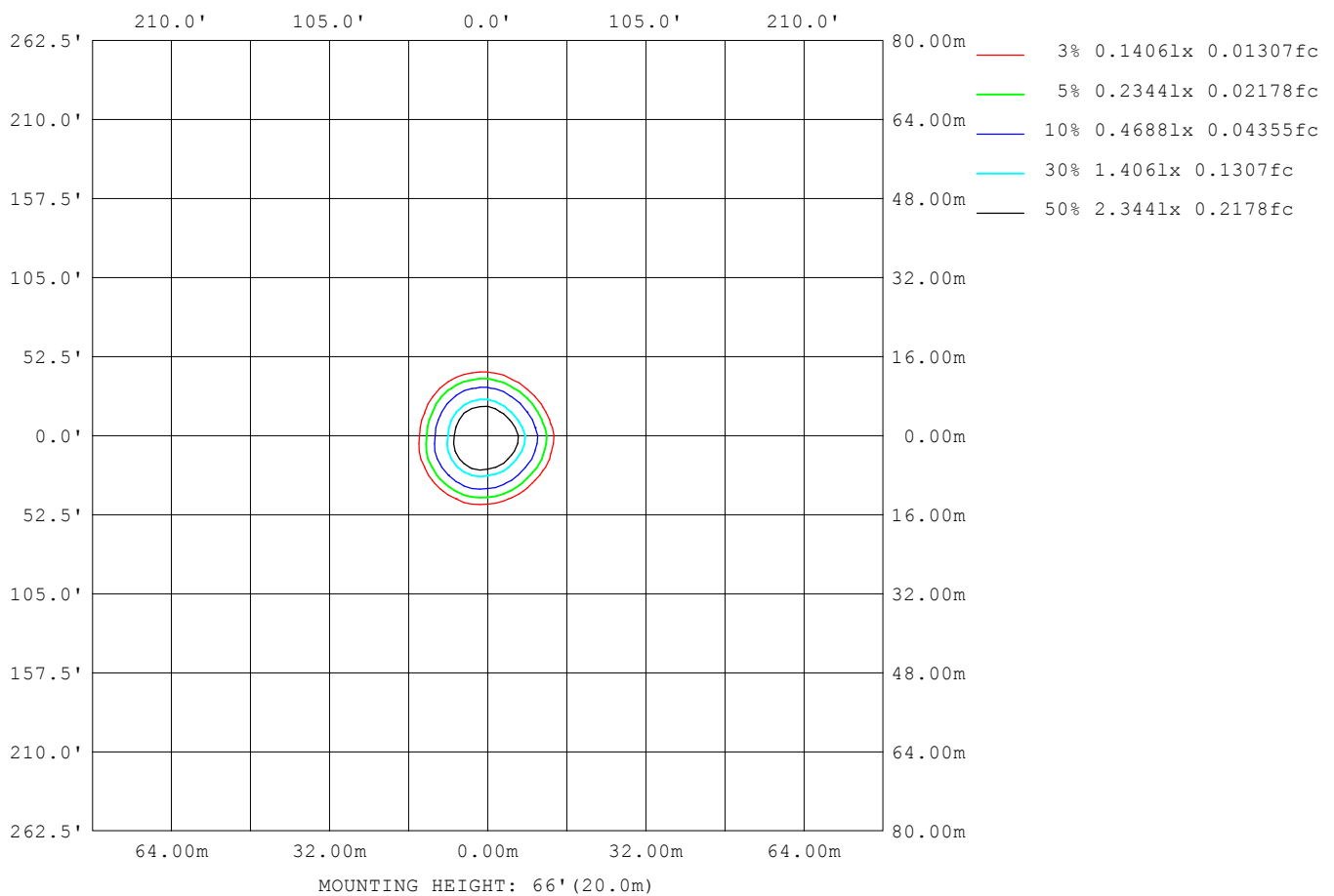
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Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

### ISOLUX DIAGRAM

NAME: TLO010-31	TYPE: 37.5D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 42	Shielding Angle:



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Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

## LED Avg.L Report

NAME: TLO010-31	TYPE:37.5D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	4847
L_0~180 (75) av	668
L_0~180 (85) av	1392
L_90~270 (65) av	4446
L_90~270 (75) av	601
L_90~270 (85) av	1385
L_45 (65) av	5109
L_45 (75) av	640
L_45 (85) av	1340

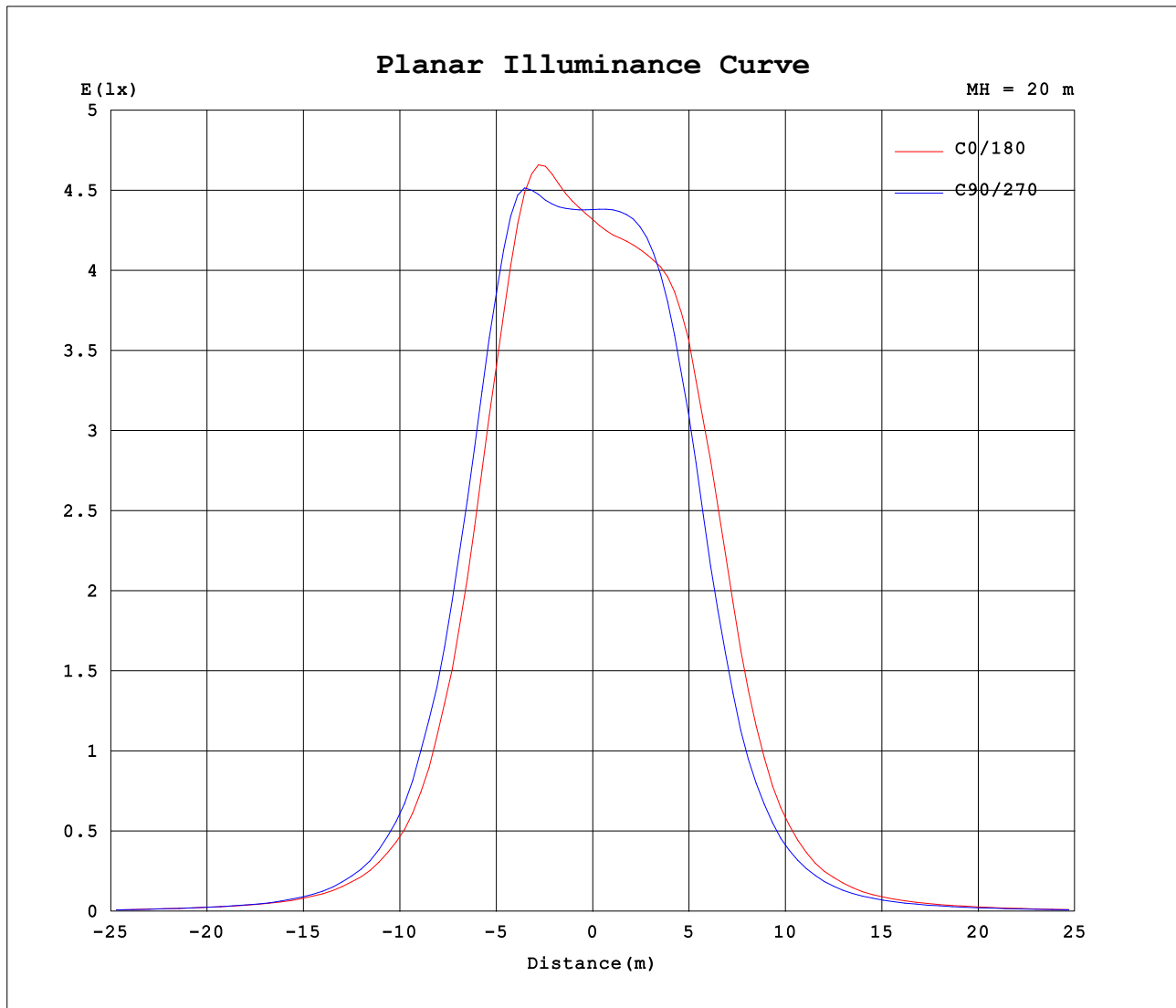
Standard: GB/T 29293-2012

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:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

## 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:

TLO010-31 36V250mA CMA1306-30G-NOU 37.5D 3000K CRI90 NA

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-31	TYPE: 37.5D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 42	Shielding Angle:

Table--1

UNIT: cd

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	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740			
5	1851	1852	1852	1812	1767	1724	1696	1685	1706	1712	1711	1725	1748	1775	1817	1855			
10	1894	1921	1901	1918	1879	1805	1746	1706	1698	1683	1684	1670	1654	1600	1629	1729			
15	1385	1407	1377	1489	1579	1733	1730	1656	1483	1457	1441	1315	1236	1075	1064	1146			
20	734	758	715	844	929	1162	1204	1143	936	893	898	738	651	547	522	571			
25	333	341	323	378	437	565	615	561	425	406	411	340	295	239	236	258			
30	159	162	153	171	194	243	256	245	188	181	182	156	138	113	112	125			
35	80.9	81.6	75.9	82.9	91.3	111	117	113	90.9	89.0	89.3	77.9	69.0	61.3	59.4	66.3			
40	46.6	45.6	42.6	44.8	48.0	56.7	62.2	59.6	51.7	51.0	50.7	45.0	40.5	36.2	36.0	38.9			
45	29.3	28.7	26.5	27.3	28.9	33.0	35.7	36.0	32.7	32.2	31.9	29.0	26.3	23.4	23.4	25.4			
50	19.3	18.9	17.4	17.7	18.5	21.0	22.7	22.9	20.9	20.7	20.5	18.5	16.9	15.3	15.1	16.6			
55	11.5	11.4	10.6	11.0	11.6	13.7	14.7	14.7	12.9	12.7	12.8	11.2	9.94	8.89	8.79	9.56			
60	6.65	6.70	6.32	6.93	7.39	8.73	9.12	8.95	7.84	7.64	7.73	6.69	5.96	5.26	5.09	5.42			
65	1.69	1.79	1.58	2.48	3.72	5.25	5.56	5.35	3.98	3.70	3.94	2.29	1.48	0.97	0.87	1.00			
70	0.45	0.44	0.41	0.47	0.57	0.94	1.08	1.02	0.66	0.61	0.64	0.46	0.37	0.31	0.28	0.33			
75	0.23	0.22	0.22	0.23	0.27	0.31	0.34	0.32	0.25	0.26	0.22	0.20	0.16	0.16	0.14	0.16			
80	0.19	0.20	0.19	0.18	0.19	0.18	0.19	0.18	0.15	0.16	0.15	0.15	0.14	0.14	0.14	0.14			
85	0.19	0.18	0.18	0.18	0.18	0.18	0.17	0.18	0.15	0.15	0.14	0.14	0.15	0.14	0.15	0.14			
90	0.19	0.20	0.18	0.20	0.19	0.18	0.18	0.19	0.16	0.15	0.15	0.14	0.16	0.15	0.17	0.15			
95	0.21	0.23	0.21	0.22	0.20	0.21	0.19	0.21	0.19	0.17	0.18	0.16	0.19	0.18	0.20	0.18			
100	0.26	0.27	0.25	0.26	0.23	0.24	0.22	0.24	0.23	0.21	0.22	0.20	0.23	0.22	0.25	0.23			
105	0.31	0.33	0.31	0.31	0.28	0.28	0.27	0.29	0.28	0.27	0.27	0.26	0.29	0.29	0.32	0.29			
110	0.43	0.44	0.43	0.42	0.37	0.36	0.34	0.37	0.37	0.35	0.36	0.35	0.40	0.42	0.46	0.42			
115	0.66	0.66	0.65	0.60	0.54	0.50	0.47	0.51	0.55	0.52	0.53	0.54	0.61	0.68	0.73	0.67			
120	1.13	1.10	1.11	0.99	0.88	0.78	0.75	0.80	0.88	0.88	0.86	0.92	1.04	1.23	1.29	1.20			
125	2.03	1.95	1.99	1.74	1.57	1.35	1.32	1.39	1.56	1.59	1.55	1.69	1.89	2.21	2.29	2.16			
130	3.34	3.25	3.27	2.94	2.68	2.35	2.33	2.43	2.73	2.77	2.73	2.92	3.22	3.59	3.71	3.48			
135	4.92	4.82	4.81	4.44	4.13	3.77	3.73	3.91	4.28	4.28	4.29	4.50	4.85	5.22	5.35	5.11			
140	6.70	6.59	6.54	6.15	5.83	5.44	5.38	5.61	6.03	6.05	6.04	6.27	6.64	7.03	7.17	6.90			
145	8.56	8.46	8.39	7.99	7.64	7.23	7.18	7.43	7.87	7.90	7.87	8.12	8.48	8.87	9.01	8.75			
150	10.3	10.2	10.2	9.78	9.48	9.05	9.02	9.22	9.67	9.73	9.65	9.89	10.2	10.5	10.5	10.4			
155	11.3	11.3	11.3	11.1	11.0	10.7	10.6	10.8	11.1	11.1	11.1	11.2	11.4	11.4	11.3	11.2			
160	11.4	11.5	11.5	11.6	11.6	11.5	11.5	11.6	11.7	11.6	11.6	11.7	11.6	11.4	11.1	11.1			
165	10.9	11.0	11.0	11.2	11.4	11.5	11.5	11.4	11.3	11.3	11.3	11.3	11.0	10.7	10.4	10.4			
170	10.1	10.2	10.2	10.4	10.7	10.8	10.8	10.8	10.6	10.6	10.5	10.4	10.1	9.77	9.49	9.57			
175	9.53	9.59	9.69	9.76	9.94	10.1	10.2	10.01	9.92	9.99	9.95	9.78	9.57	9.37	9.27	9.09			
180	9.64	9.66	9.75	9.62	9.73	9.59	9.69	9.43	9.66	9.66	9.74	9.65	9.72	9.58	9.70	9.40			

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