

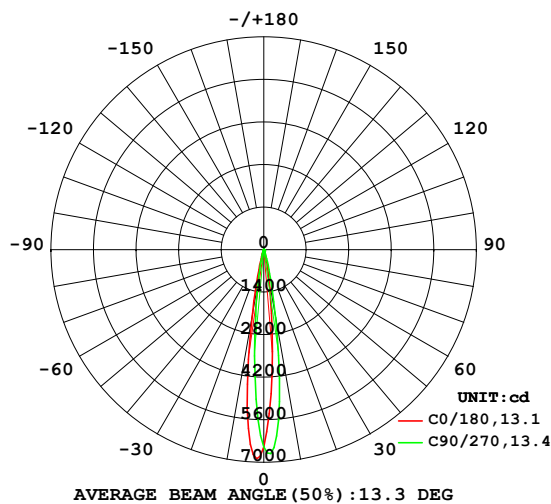
TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

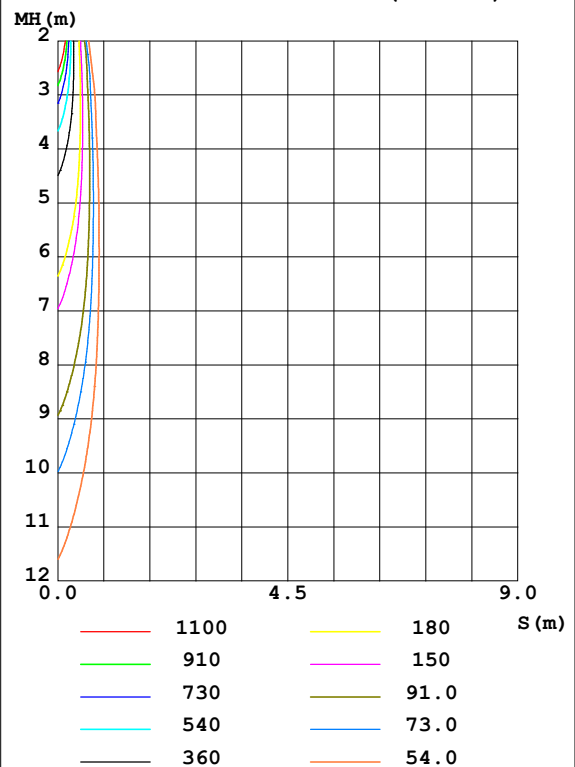
NAME: TLO010-31	TYPE:13.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 60.29 lm/W
MODEL		I _{max} (cd)	8158	S/MH (C0/180)	0.28	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH (C90/270)	0.19	
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	620.38	η UP,DN (C0-180)	1.2,56.9	
NOMINAL FLUX(lm)	620.376	CIE CLASS	DIRECT	η UP,DN (C180-360)	1.3,40.6	
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	110	η down (%)	97.5	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:

TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1003	1164	2279	4193	2133	1800	1078	751.2	0- 10	352.2	352.2	56.8,56.8
20	120.0	135.7	206.3	281.1	167.1	167.1	126.7	102.9	10- 20	165.7	517.9	83.5,83.5
30	39.80	43.85	54.10	62.27	46.74	51.35	48.04	41.90	20- 30	39.29	557.2	89.8,89.8
40	24.20	25.46	28.93	30.26	24.92	29.93	28.99	23.90	30- 40	22.64	579.8	93.5,93.5
50	10.05	11.02	13.46	15.09	11.52	12.61	11.30	9.505	40- 50	14.25	594.1	95.8,95.8
60	4.560	5.209	6.518	7.093	5.544	5.767	5.035	4.416	50- 60	7.322	601.4	96.9,96.9
70	0.4798	0.5020	1.266	2.237	1.209	0.8736	0.5256	0.4297	60- 70	3.070	604.4	97.4,97.4
80	0.1341	0.1561	0.1922	0.2045	0.1037	0.1142	0.1217	0.1077	70- 80	0.3650	604.8	97.5,97.5
90	0.1203	0.1420	0.1602	0.1375	0.1105	0.1188	0.1519	0.1512	80- 90	0.1406	605.0	97.5,97.5
100	0.1707	0.1999	0.1920	0.1626	0.1716	0.1825	0.2183	0.2223	90-100	0.1708	605.1	97.5,97.5
110	0.2444	0.2746	0.2703	0.2428	0.2446	0.2594	0.2823	0.2842	100-110	0.2379	605.4	97.6,97.6
120	0.3684	0.4128	0.3958	0.3594	0.3236	0.3541	0.4177	0.4517	110-120	0.3076	605.7	97.6,97.6
130	1.193	1.213	0.9330	0.7344	0.7586	0.8831	1.334	1.810	120-130	0.5513	606.2	97.7,97.7
140	5.418	5.631	4.556	3.435	3.686	4.445	6.202	7.018	130-140	2.072	608.3	98.1,98.1
150	8.292	9.131	9.387	8.626	7.858	8.836	9.944	9.839	140-150	4.542	612.8	98.8,98.8
160	8.699	9.803	10.68	10.21	9.006	10.01	10.90	9.875	150-160	4.436	617.3	99.5,99.5
170	5.080	6.432	8.824	8.799	7.296	7.682	7.309	5.044	160-170	2.577	619.8	99.9,99.9
180	3.368	4.007	4.499	4.160	3.376	3.963	4.473	4.192	170-180	0.5307	620.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

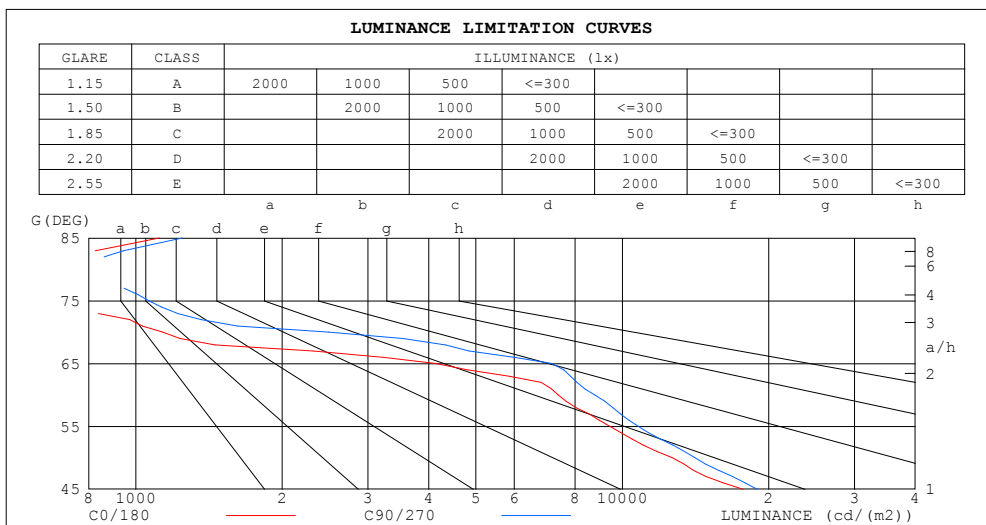
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-21

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 13.3D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO010-31	TYPE:13.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1118	1246
80	625	745
75	545	1062
70	1136	2491
65	4130	7161
60	7382	8773
55	9414	10775
50	12661	14092
45	17715	18941

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
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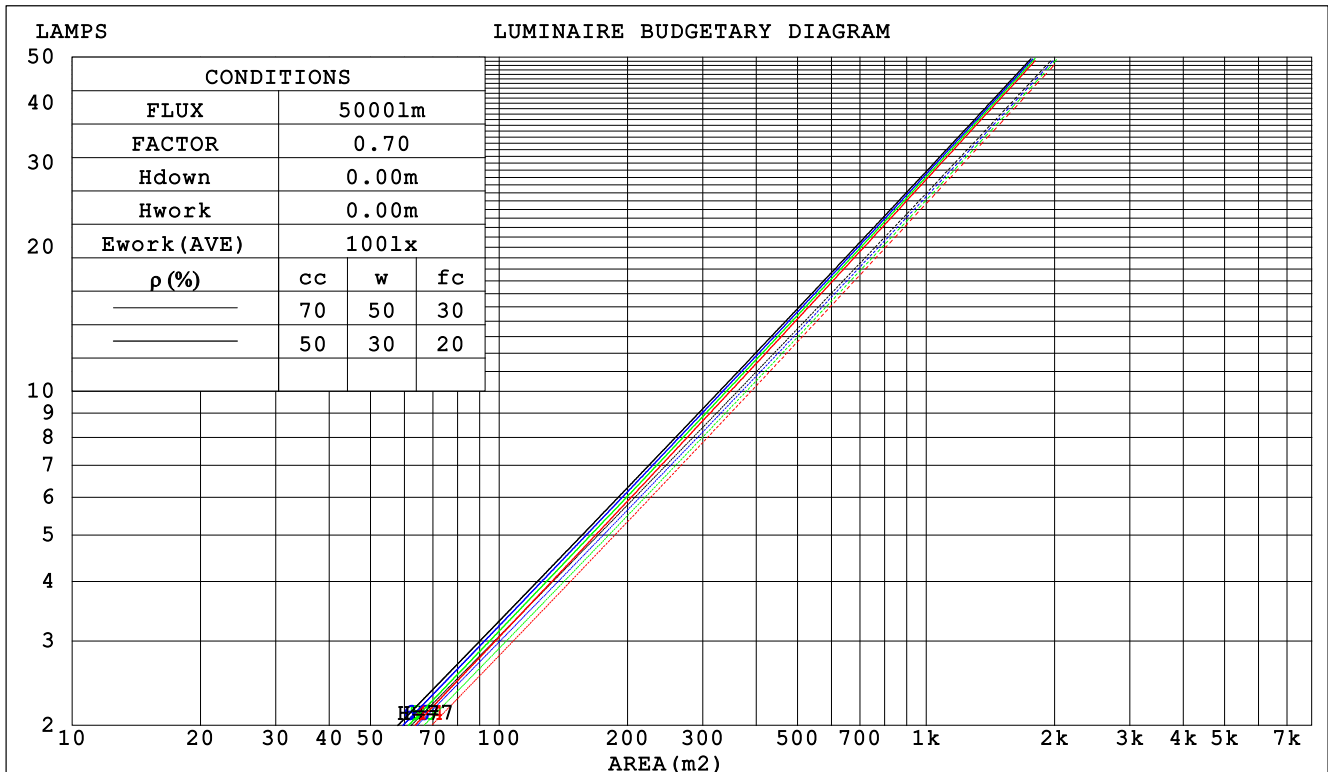
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TL0010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-31	TYPE:13.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.13	1.11	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.02	1.01	1.00	.98	.97	.97	.95
2.0	1.08	1.05	1.03	1.06	1.03	1.01	1.02	1.01	.99	.99	.98	.96	.96	.95	.94	.93
3.0	1.04	1.00	.98	1.02	.99	.97	.99	.97	.95	.97	.95	.93	.94	.93	.92	.90
4.0	1.00	.97	.94	.99	.96	.93	.97	.94	.92	.95	.92	.91	.93	.91	.89	.88
5.0	.97	.93	.91	.96	.93	.90	.94	.91	.89	.93	.90	.88	.91	.89	.87	.86
6.0	.95	.91	.88	.94	.90	.88	.92	.89	.87	.91	.88	.86	.89	.87	.86	.85
7.0	.92	.89	.86	.92	.88	.86	.90	.87	.85	.89	.86	.85	.88	.86	.84	.83
8.0	.90	.87	.84	.90	.86	.84	.89	.85	.83	.87	.85	.83	.87	.84	.82	.82
9.0	.88	.85	.82	.88	.84	.82	.87	.84	.82	.86	.83	.81	.85	.83	.81	.80
10.0	.87	.83	.81	.86	.83	.81	.85	.82	.80	.85	.82	.80	.84	.82	.80	.79



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:

```

TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO010-31	TYPE:13.3D	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	.129	.074	.023	.122	.070	.022	.108	.062	.020	.096	.055	.018	.084	.049	.016		
2.0	.119	.065	.020	.113	.062	.019	.102	.056	.018	.091	.051	.016	.081	.046	.014		
3.0	.110	.059	.018	.105	.056	.017	.095	.052	.016	.086	.047	.015	.078	.043	.013		
4.0	.102	.053	.016	.098	.051	.015	.090	.047	.014	.082	.044	.013	.075	.041	.012		
5.0	.095	.048	.014	.091	.047	.014	.084	.044	.013	.078	.041	.012	.072	.038	.012		
6.0	.089	.045	.013	.086	.043	.012	.080	.041	.012	.074	.038	.011	.069	.036	.011		
7.0	.084	.041	.012	.081	.040	.011	.076	.038	.011	.071	.036	.011	.066	.034	.010		
8.0	.079	.039	.011	.076	.038	.011	.072	.036	.010	.067	.034	.010	.063	.032	.009		
9.0	.075	.036	.010	.073	.035	.010	.068	.034	.010	.064	.032	.009	.061	.031	.009		
10.0	.071	.034	.009	.069	.033	.009	.065	.032	.009	.062	.031	.009	.058	.029	.008		

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	.187	.177	.168	.160	.152	.144	.109	.104	.100	.063	.060	.058	.020	.019	.019	
2.0	.168	.152	.138	.144	.131	.119	.099	.091	.083	.057	.053	.049	.018	.017	.016	
3.0	.153	.133	.116	.131	.114	.101	.090	.079	.071	.052	.046	.042	.017	.015	.014	
4.0	.140	.117	.100	.120	.101	.087	.083	.071	.061	.048	.041	.036	.015	.013	.012	
5.0	.129	.105	.087	.111	.091	.075	.076	.063	.053	.044	.037	.032	.014	.012	.010	
6.0	.120	.095	.077	.103	.082	.067	.071	.057	.047	.041	.034	.028	.013	.011	.009	
7.0	.112	.086	.069	.096	.075	.060	.066	.052	.042	.039	.031	.025	.012	.010	.008	
8.0	.105	.079	.062	.090	.069	.054	.062	.048	.038	.036	.028	.023	.012	.009	.008	
9.0	.099	.073	.057	.085	.064	.049	.059	.045	.035	.034	.026	.021	.011	.009	.007	
10.0	.093	.069	.052	.080	.060	.046	.056	.042	.032	.033	.025	.019	.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:

TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO010-31					TYPE:13.3D			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	14.7	15.3	15.0	15.5	15.7	15.0	15.6	15.3	15.8	16.0
3H	14.7	15.2	15.0	15.4	15.7	15.2	15.7	15.4	15.9	16.1
4H	14.6	15.1	14.9	15.4	15.6	15.1	15.6	15.4	15.8	16.1
6H	14.5	15.0	14.8	15.3	15.6	15.0	15.5	15.3	15.8	16.0
8H	14.5	15.0	14.8	15.2	15.5	15.0	15.4	15.3	15.7	16.0
12H	14.4	14.9	14.8	15.2	15.5	14.9	15.4	15.3	15.7	16.0
4H 2H	14.8	15.3	15.1	15.5	15.8	15.1	15.6	15.4	15.8	16.1
3H	14.7	15.2	15.1	15.5	15.8	15.1	15.6	15.5	15.9	16.2
4H	14.6	15.0	15.0	15.4	15.7	15.1	15.5	15.4	15.8	16.2
6H	14.5	14.9	14.9	15.3	15.6	15.0	15.3	15.4	15.7	16.1
8H	14.5	14.8	14.9	15.2	15.6	14.9	15.3	15.3	15.6	16.1
12H	14.4	14.7	14.9	15.1	15.6	14.9	15.2	15.3	15.6	16.0
8H 4H	14.5	14.8	14.9	15.2	15.6	14.9	15.2	15.3	15.6	16.0
6H	14.3	14.6	14.8	15.1	15.5	14.8	15.1	15.3	15.5	16.0
8H	14.3	14.5	14.8	15.0	15.5	14.7	15.0	15.2	15.4	15.9
12H	14.2	14.5	14.7	14.9	15.5	14.7	14.9	15.2	15.4	15.9
12H 4H	14.4	14.7	14.8	15.1	15.6	14.8	15.2	15.3	15.6	16.0
6H	14.3	14.5	14.8	15.0	15.5	14.7	15.0	15.2	15.4	15.9
8H	14.2	14.4	14.7	14.9	15.4	14.7	14.9	15.2	15.4	15.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.7 / - 2.9					+ 1.4 / - 2.2				
1.5H	+ 2.1 / - 1.6					+ 1.8 / - 1.7				
2.0H	+ 2.7 / - 2.7					+ 2.7 / - 2.0				

CIE Pub.117, 620.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.7)

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:

TL0010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO010-31	TYPE:13.3D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	96	92	89	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	106	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	111	112	110	109	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004 Suspended $SHR_{NOM} = 1.25$										

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

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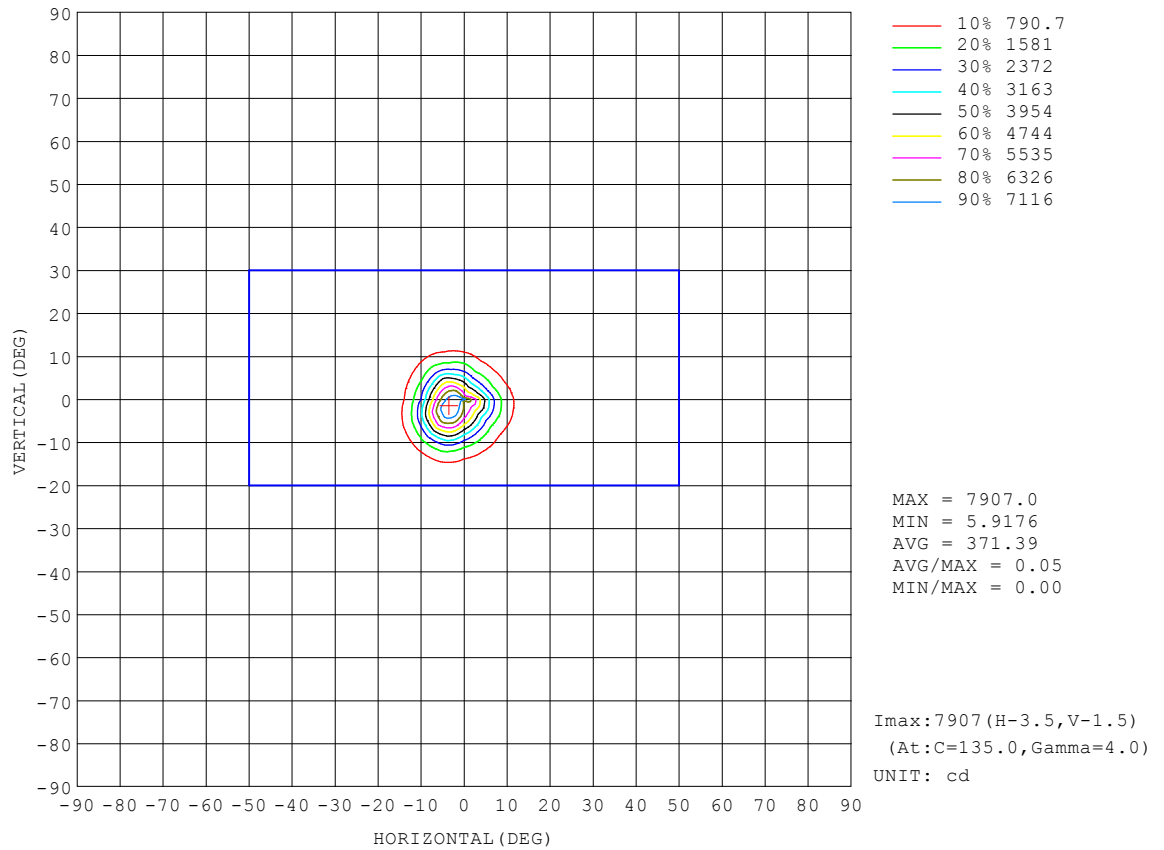
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Remarks:

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TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO010-31	TYPE:13.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:



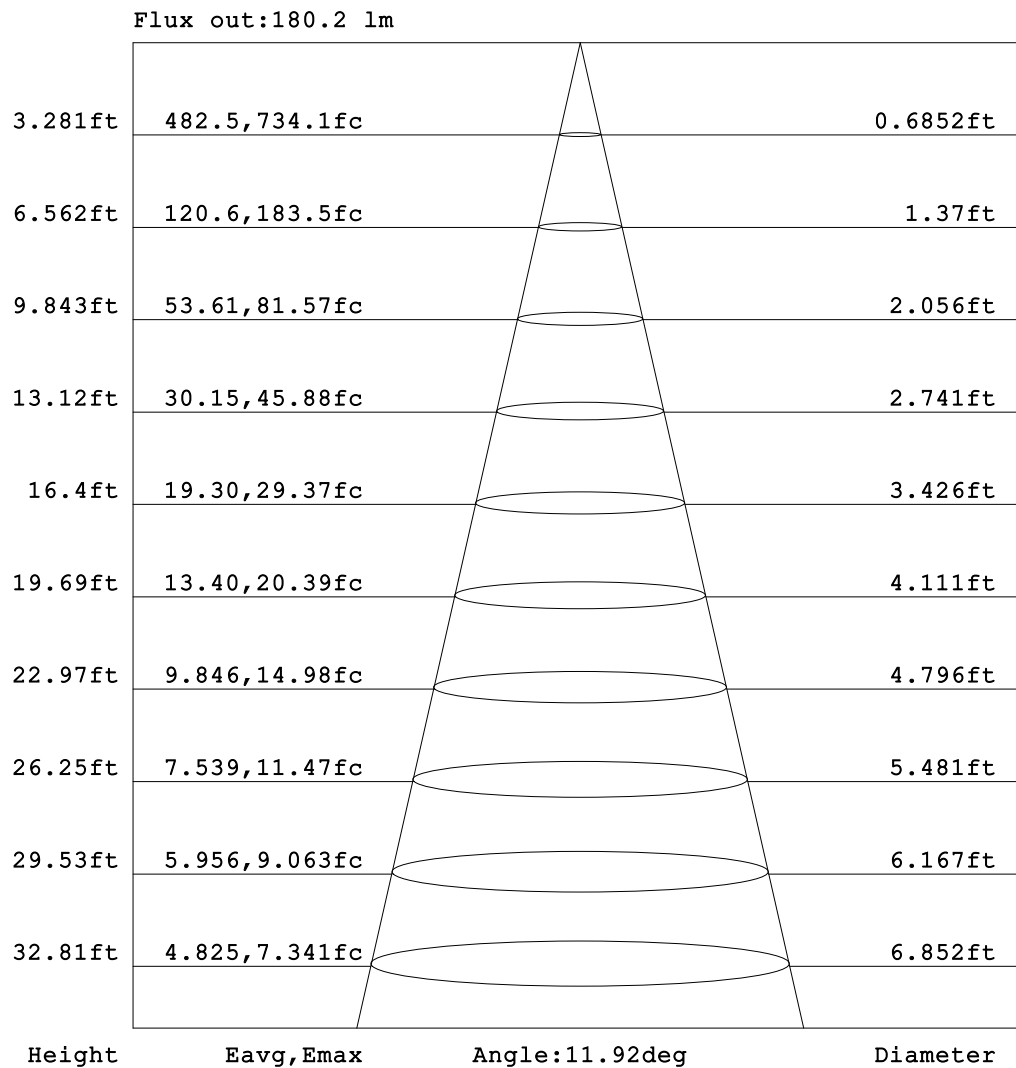
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
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Remarks:

TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

AAI Figure

NAME: TLO010-31	TYPE:13.3D	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.

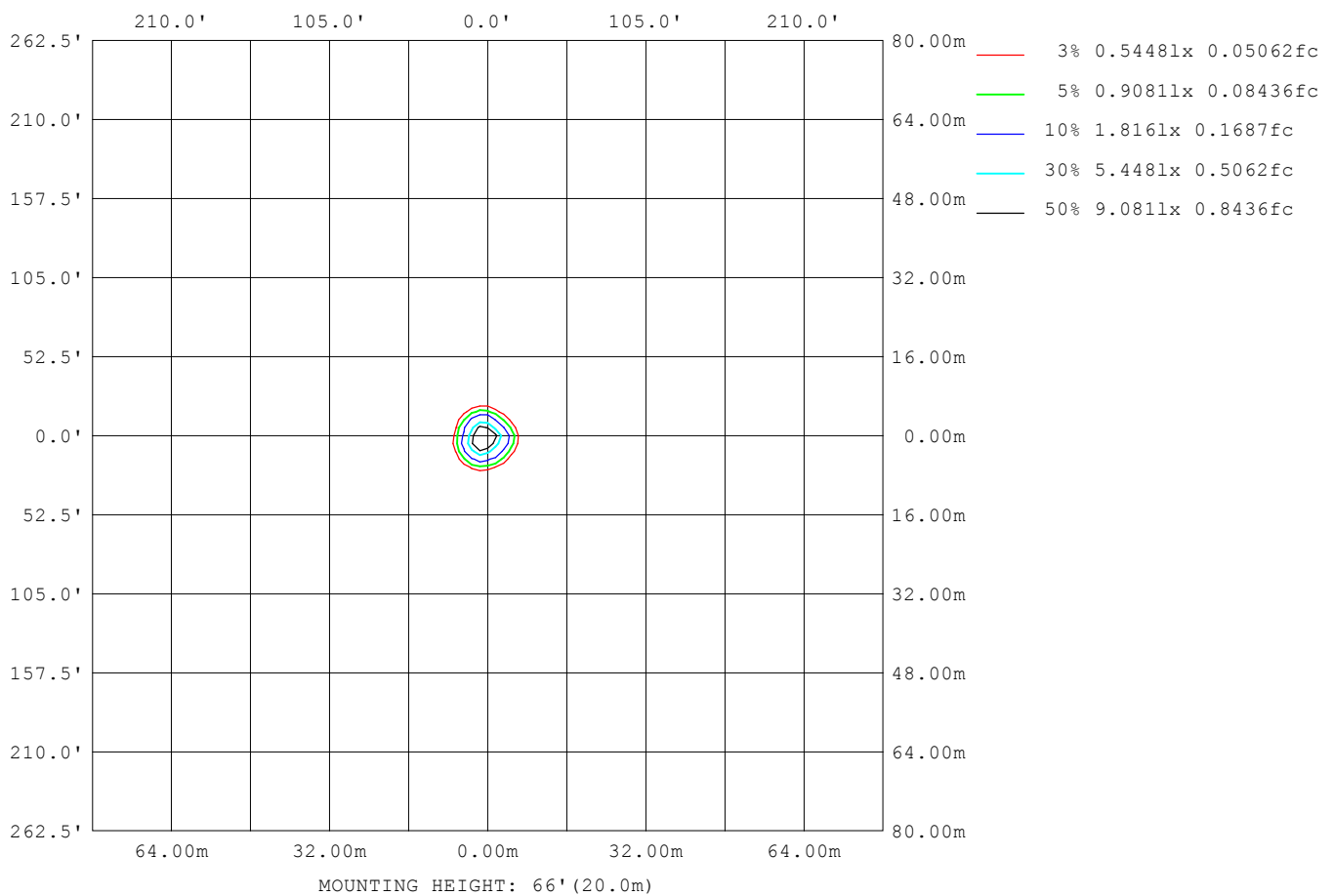
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TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO010-31	TYPE:13.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:



C Range: 0 - 360DEG
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Humidity:65.0%
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Remarks:

TLO010-31 36V250mA CMA1306-30G-NOU 13.3D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO010-31	TYPE:13.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:42	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	5093
L_0~180 (75) av	625
L_0~180 (85) av	916
L_90~270 (65) av	5726
L_90~270 (75) av	775
L_90~270 (85) av	1190
L_45 (65) av	5361
L_45 (75) av	749
L_45 (85) av	1071

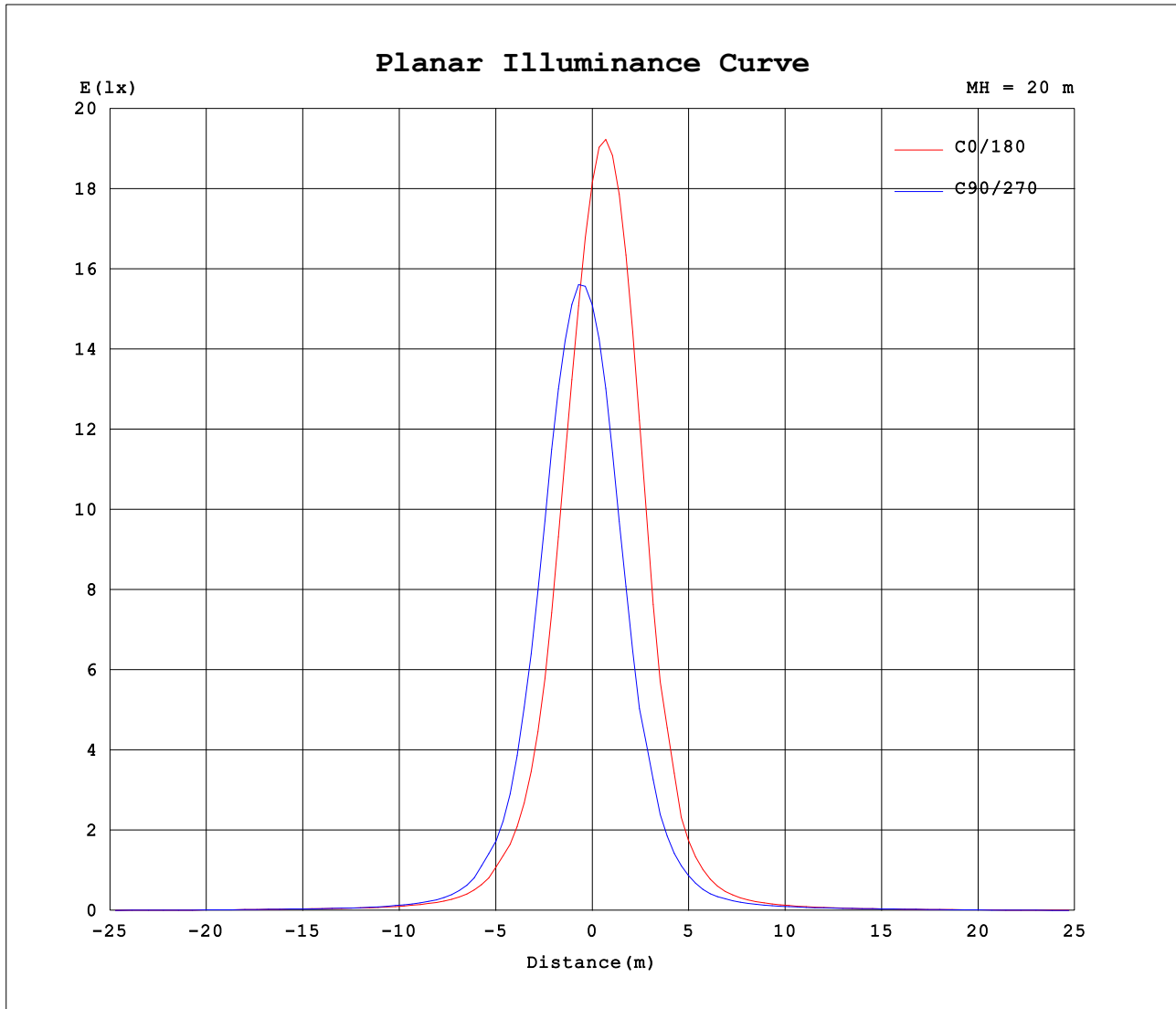
Standard: GB/T 29293-2012

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 13.3D 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

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 13.3D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-31	TYPE:13.3D	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	6485	6485	6485	6485	6485	6485	6485	6485	6485	6485	6485	6485	6485	6485	6485	6485			
5	3368	3613	3721	4645	5650	7257	7955	7451	5904	5454	5131	4230	3509	2788	2578	2773			
10	1003	1120	1164	1659	2279	3720	4193	3622	2133	1855	1800	1344	1078	803	751	818			
15	323	361	374	503	677	988	1019	853	531	507	507	395	325	245	236	260			
20	120	135	136	171	206	285	281	243	167	158	167	143	127	107	103	106			
25	63.2	66.0	69.4	83.4	94.6	115	114	102	79.4	78.3	83.4	75.5	69.6	62.1	58.3	57.4			
30	39.8	41.7	43.9	49.1	54.1	62.7	62.3	57.3	46.7	47.1	51.4	50.2	48.0	45.0	41.9	40.2			
35	31.7	32.0	33.1	35.4	37.4	41.2	40.9	38.4	32.4	33.5	37.8	38.8	38.3	36.7	34.5	33.2			
40	24.2	24.8	25.5	27.5	28.9	30.8	30.3	28.4	24.9	26.3	29.9	30.5	29.0	26.1	23.9	23.4			
45	15.5	16.0	16.6	18.3	19.9	22.2	22.2	20.7	17.6	18.5	20.5	20.5	18.1	15.4	14.4	14.5			
50	10.1	10.6	11.0	12.3	13.5	15.1	15.1	13.8	11.5	11.9	12.6	12.2	11.3	10.13	9.51	9.63			
55	6.67	7.15	7.57	8.33	9.18	10.32	10.22	9.36	7.97	8.04	8.43	7.93	7.42	6.79	6.48	6.45			
60	4.56	4.90	5.21	5.81	6.52	7.27	7.09	6.50	5.54	5.47	5.77	5.38	5.04	4.62	4.42	4.41			
65	2.16	2.47	2.55	3.46	4.50	5.05	4.92	4.48	3.80	3.67	3.82	2.76	2.20	1.35	1.26	1.43			
70	0.48	0.49	0.50	0.69	1.27	2.17	2.24	1.99	1.21	0.93	0.87	0.60	0.53	0.44	0.43	0.41			
75	0.17	0.19	0.22	0.33	0.41	0.48	0.49	0.41	0.27	0.29	0.26	0.21	0.15	0.14	0.11	0.12			
80	0.13	0.13	0.16	0.16	0.19	0.19	0.20	0.16	0.10	0.11	0.11	0.12	0.12	0.12	0.11	0.10			
85	0.12	0.13	0.14	0.15	0.16	0.15	0.15	0.13	0.10	0.10	0.10	0.11	0.13	0.13	0.12	0.10			
90	0.12	0.13	0.14	0.16	0.16	0.15	0.14	0.12	0.11	0.10	0.12	0.11	0.15	0.14	0.15	0.13			
95	0.15	0.16	0.16	0.18	0.17	0.16	0.13	0.13	0.14	0.12	0.15	0.15	0.18	0.18	0.18	0.15			
100	0.17	0.20	0.20	0.22	0.19	0.20	0.16	0.17	0.17	0.15	0.18	0.18	0.22	0.21	0.22	0.19			
105	0.20	0.23	0.24	0.25	0.23	0.24	0.21	0.21	0.21	0.19	0.22	0.22	0.26	0.25	0.26	0.23			
110	0.24	0.26	0.27	0.30	0.27	0.28	0.24	0.25	0.24	0.23	0.26	0.25	0.28	0.28	0.28	0.25			
115	0.28	0.31	0.32	0.35	0.32	0.33	0.29	0.29	0.27	0.26	0.29	0.29	0.33	0.33	0.34	0.29			
120	0.37	0.39	0.41	0.43	0.40	0.40	0.36	0.36	0.32	0.32	0.35	0.37	0.42	0.45	0.45	0.40			
125	0.57	0.57	0.61	0.58	0.54	0.51	0.46	0.46	0.45	0.45	0.50	0.55	0.64	0.75	0.76	0.65			
130	1.19	1.12	1.21	1.05	0.93	0.80	0.73	0.74	0.76	0.80	0.88	1.08	1.33	1.78	1.81	1.49			
135	2.86	2.75	2.91	2.46	2.09	1.65	1.52	1.52	1.68	1.81	2.05	2.56	3.25	4.12	4.19	3.55			
140	5.42	5.31	5.63	5.14	4.56	3.78	3.44	3.45	3.69	3.98	4.44	5.30	6.20	7.10	7.02	6.27			
145	7.34	7.41	7.92	7.86	7.48	6.79	6.30	6.18	6.20	6.53	7.19	8.00	8.66	9.23	8.89	8.22			
150	8.29	8.49	9.13	9.41	9.39	9.10	8.63	8.27	7.86	8.15	8.84	9.50	9.94	10.27	9.84	9.19			
155	8.75	9.02	9.70	10.15	10.27	10.21	9.72	9.24	8.62	8.90	9.63	10.24	10.63	10.83	10.29	9.65			
160	8.70	9.02	9.80	10.48	10.68	10.74	10.21	9.70	9.01	9.26	10.0	10.6	10.9	10.9	9.88	9.32			
165	7.41	7.82	8.90	10.15	10.55	10.72	10.24	9.65	8.82	9.03	9.66	10.04	10.13	9.48	7.86	7.37			
170	5.08	5.51	6.43	8.09	8.82	9.27	8.80	8.35	7.30	7.38	7.68	7.68	7.31	6.40	5.04	4.76			
175	3.50	3.78	4.48	5.30	5.83	6.31	6.14	5.68	4.78	4.89	5.15	5.07	4.67	4.26	3.66	3.36			
180	3.37	3.50	4.01	4.25	4.50	4.42	4.16	3.61	3.38	3.52	3.96	4.30	4.47	4.40	4.19	3.56			

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