

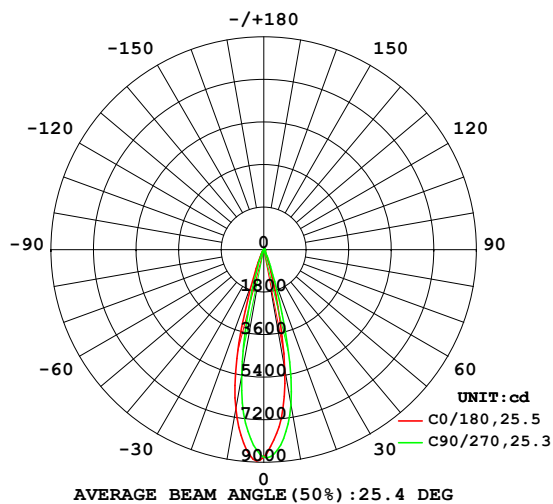
TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

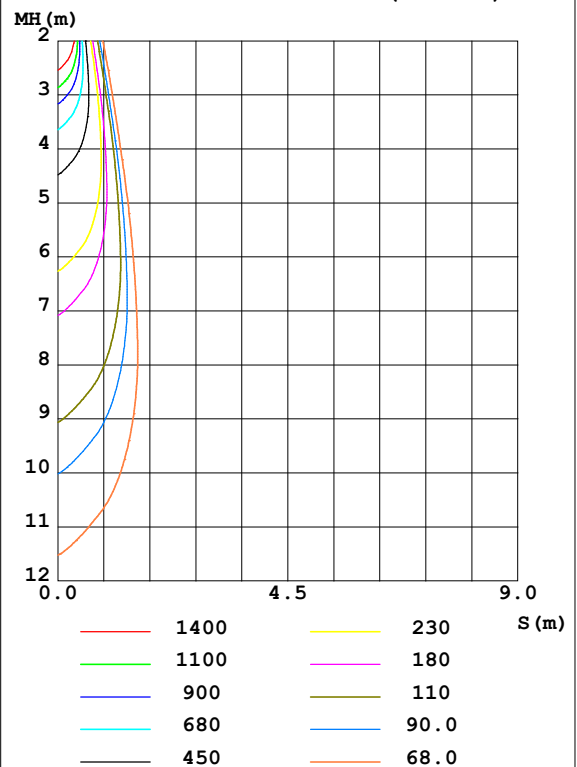
NAME: TLO030-31	TYPE: 25.4D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.29 lm/W
MODEL		I <sub>max</sub> (cd)	9211	S/MH (C0/180)	0.44	
NOMINAL POWER (W)	30	LOR (%)	100.0	S/MH (C90/270)	0.37	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1911.4	η UP, DN (C0-180)	1.2, 52.3	
NOMINAL FLUX (lm)	1911.4	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 45.3	
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	120	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: 2024-08-30

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:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 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	5139	5471	6653	7562	6842	6648	5440	4446	0- 10	703.2	703.2	36.8,36.8
20	651.0	719.6	1139	1818	1413	1229	782.3	564.1	10- 20	837.1	1540	80.6,80.6
30	137.8	148.8	211.3	289.7	234.1	220.6	163.7	127.9	20- 30	210.1	1750	91.6,91.6
40	46.38	49.53	59.68	72.83	63.36	62.00	50.11	42.44	30- 40	66.19	1817	95,95
50	17.95	19.60	24.07	27.49	24.65	24.52	19.62	15.94	40- 50	27.76	1844	96.5,96.5
60	7.621	7.747	9.423	10.61	9.665	9.695	7.898	6.806	50- 60	12.47	1857	97.1,97.1
70	2.578	2.808	3.858	4.380	3.815	3.568	2.857	2.063	60- 70	5.644	1862	97.4,97.4
80	0.4036	0.4110	0.4636	0.8079	0.5048	0.4077	0.3226	0.3265	70- 80	1.644	1864	97.5,97.5
90	0.4034	0.4109	0.4212	0.4069	0.3306	0.3275	0.3720	0.3773	80- 90	0.4094	1865	97.5,97.5
100	0.4999	0.5118	0.4972	0.4552	0.4573	0.4551	0.5042	0.5179	90-100	0.4675	1865	97.6,97.6
110	0.6930	0.6984	0.6539	0.5957	0.5969	0.6111	0.6679	0.7257	100-110	0.5930	1866	97.6,97.6
120	1.503	1.470	1.191	0.9812	0.9646	1.025	1.305	1.618	110-120	0.8671	1866	97.6,97.6
130	6.217	6.047	4.386	3.255	3.411	3.779	5.333	6.897	120-130	2.310	1869	97.8,97.8
140	16.89	16.70	14.15	11.88	12.06	12.92	15.86	18.16	130-140	7.206	1876	98.1,98.1
150	26.66	26.94	25.57	23.67	23.44	24.43	26.88	28.06	140-150	12.79	1889	98.8,98.8
160	27.58	28.80	30.19	29.75	28.92	29.57	30.36	28.38	150-160	13.06	1902	99.5,99.5
170	19.47	21.08	24.82	25.61	23.81	24.26	23.13	19.52	160-170	7.666	1910	99.9,99.9
180	15.48	16.78	17.53	17.16	15.50	16.67	17.48	17.22	170-180	1.900	1911	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

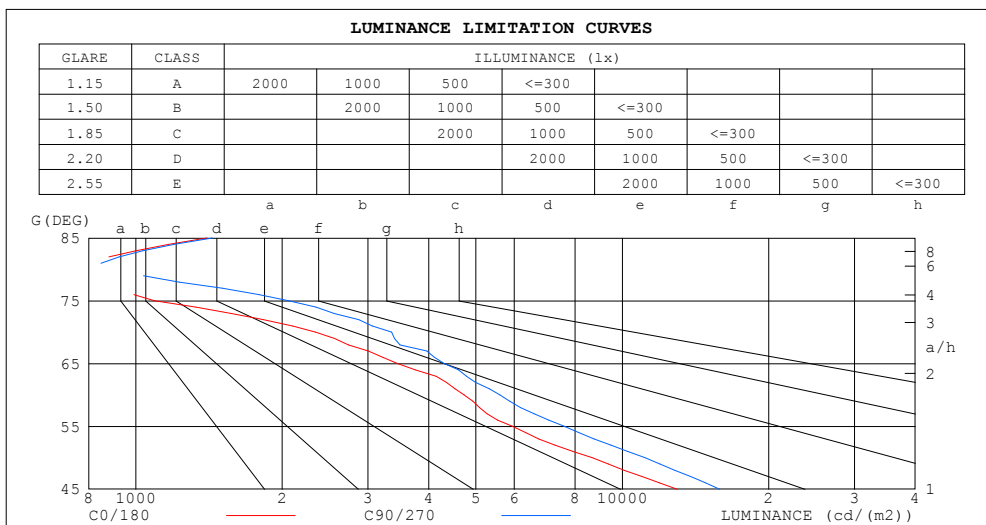
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:CJY  
 Test Date:2024-08-30

$\gamma$  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:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

### LUMINANCE LIMITATION CURVES

NAME: TLO030-31	TYPE: 25.4D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1401	1437
80	721	794
75	1093	2059
70	2339	3354
65	3451	4301
60	4731	5604
55	5940	7595
50	8665	11133
45	12962	15853

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
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Temperature: 28DEG  
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Test Date: 2024-08-30

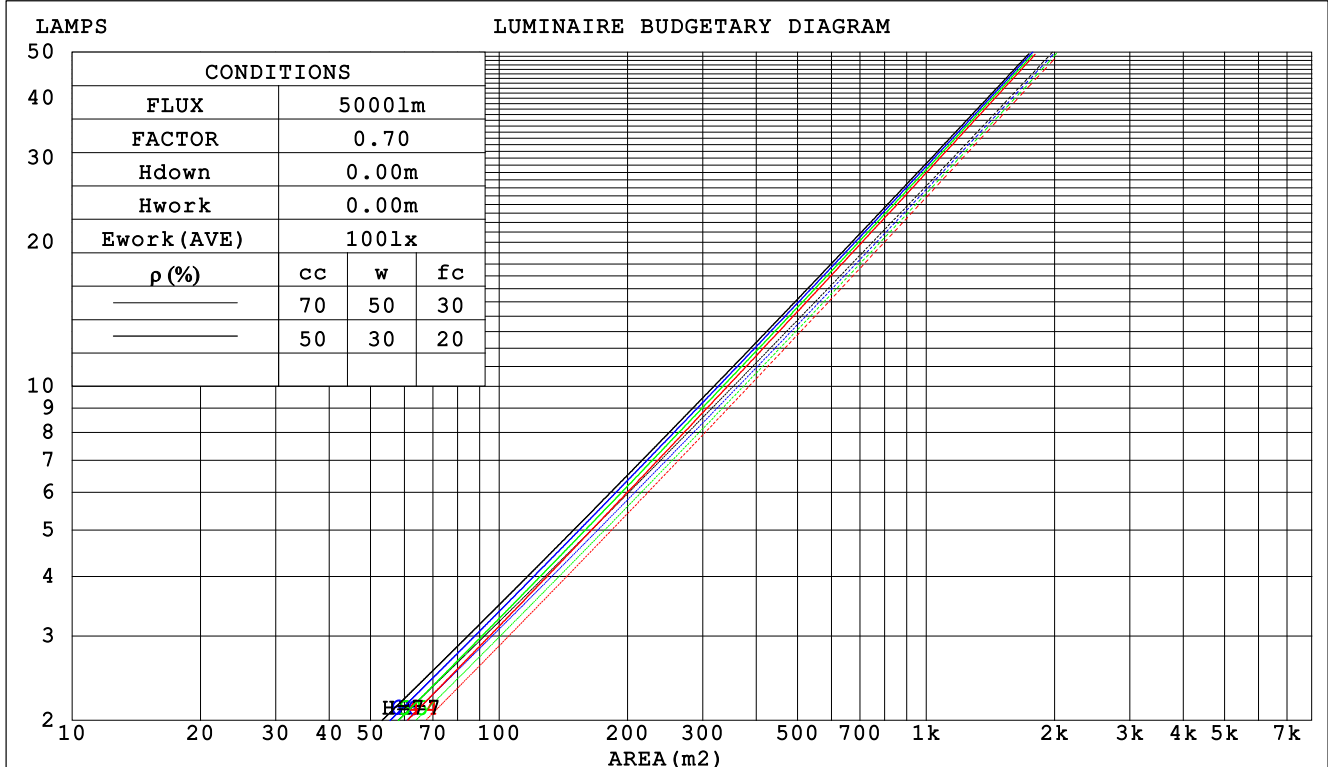
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO030-31	TYPE:25.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.12	1.10	1.09	1.10	1.08	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.01	.99	.97	.98	.97	.95	.95	.94	.93	.91
3.0	1.02	.99	.96	1.01	.97	.95	.98	.95	.93	.95	.93	.91	.93	.91	.90	.88
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.90	.88	.91	.88	.87	.85
5.0	.95	.90	.87	.94	.90	.87	.92	.88	.86	.90	.87	.85	.88	.86	.84	.83
6.0	.91	.87	.84	.90	.87	.84	.89	.86	.83	.87	.85	.82	.86	.84	.82	.81
7.0	.88	.84	.81	.88	.84	.81	.86	.83	.80	.85	.82	.80	.84	.81	.79	.78
8.0	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.82	.79	.77	.76
9.0	.83	.79	.77	.83	.79	.76	.82	.78	.76	.81	.78	.76	.80	.77	.75	.74
10.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.74	.78	.75	.73	.73



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-30

$\gamma$  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:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

### WEC AND CCEC

NAME: TLO030-31	TYPE:25.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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	.139	.079	.025	.132	.075	.024	.118	.068	.022	.105	.061	.020	.094	.054	.018		
2.0	.129	.071	.022	.123	.068	.021	.111	.062	.019	.101	.056	.018	.091	.051	.016		
3.0	.120	.064	.019	.115	.061	.018	.105	.057	.017	.096	.053	.016	.088	.049	.015		
4.0	.112	.058	.017	.108	.056	.017	.099	.053	.016	.092	.049	.015	.085	.046	.014		
5.0	.105	.054	.016	.102	.052	.015	.094	.049	.014	.088	.046	.014	.081	.044	.013		
6.0	.099	.050	.014	.096	.049	.014	.090	.046	.013	.084	.044	.013	.079	.041	.012		
7.0	.094	.047	.013	.091	.046	.013	.086	.043	.013	.081	.041	.012	.076	.039	.012		
8.0	.090	.044	.012	.087	.043	.012	.082	.041	.012	.078	.039	.011	.073	.038	.011		
9.0	.085	.041	.012	.083	.041	.011	.079	.039	.011	.075	.037	.011	.071	.036	.010		
10.0	.082	.039	.011	.080	.038	.011	.076	.037	.010	.072	.036	.010	.069	.034	.010		

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	.176	.167	.160	.151	.143	.110	.104	.099	.063	.060	.058	.020	.019	.019	
2.0	.169	.152	.137	.145	.131	.118	.099	.090	.082	.057	.053	.048	.018	.017	.016	
3.0	.155	.132	.115	.133	.114	.099	.091	.079	.070	.053	.046	.041	.017	.015	.013	
4.0	.142	.117	.098	.122	.101	.085	.084	.070	.060	.049	.041	.035	.016	.013	.012	
5.0	.132	.105	.085	.113	.091	.074	.078	.063	.052	.045	.037	.031	.015	.012	.010	
6.0	.123	.095	.075	.106	.082	.065	.073	.058	.046	.042	.034	.027	.014	.011	.009	
7.0	.115	.087	.067	.099	.075	.058	.068	.053	.041	.040	.031	.025	.013	.010	.008	
8.0	.109	.080	.060	.094	.069	.053	.065	.049	.037	.038	.029	.022	.012	.009	.007	
9.0	.103	.074	.055	.089	.065	.048	.061	.045	.034	.036	.027	.020	.012	.009	.007	
10.0	.098	.070	.051	.085	.060	.044	.059	.043	.031	.034	.025	.019	.011	.008	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-30

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:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO030-31					TYPE:25.4D					WEIGHT:1				
SPEC.:3000K CRI90					DIM.:					SERIAL No.:				
MFR.:					SUR.:65					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					8.3	8.9	8.5	9.1	9.3	9.4	10.0	9.6	10.2	10.4
3H					8.3	8.9	8.6	9.2	9.4	9.5	10.1	9.8	10.3	10.5
4H					8.3	8.9	8.6	9.1	9.4	9.5	10.0	9.8	10.3	10.5
6H					8.2	8.7	8.5	9.0	9.3	9.4	9.9	9.7	10.2	10.5
8H					8.2	8.7	8.5	9.0	9.3	9.4	9.9	9.7	10.2	10.5
12H					8.1	8.6	8.5	8.9	9.2	9.3	9.8	9.7	10.1	10.4
4H 2H					8.3	8.8	8.6	9.1	9.3	9.3	9.9	9.6	10.1	10.4
3H					8.4	8.9	8.7	9.2	9.5	9.4	9.9	9.8	10.2	10.5
4H					8.3	8.8	8.7	9.1	9.4	9.4	9.9	9.8	10.2	10.6
6H					8.2	8.6	8.6	9.0	9.4	9.3	9.7	9.7	10.1	10.5
8H					8.2	8.5	8.6	8.9	9.3	9.3	9.7	9.7	10.1	10.5
12H					8.1	8.5	8.6	8.9	9.3	9.2	9.6	9.7	10.0	10.4
8H 4H					8.2	8.5	8.6	8.9	9.3	9.3	9.7	9.7	10.0	10.5
6H					8.1	8.4	8.5	8.8	9.3	9.2	9.5	9.6	9.9	10.4
8H					8.0	8.3	8.5	8.8	9.2	9.1	9.4	9.6	9.9	10.4
12H					8.0	8.2	8.5	8.7	9.2	9.1	9.3	9.6	9.8	10.3
12H 4H					8.1	8.5	8.6	8.9	9.3	9.2	9.6	9.7	10.0	10.4
6H					8.0	8.3	8.5	8.7	9.2	9.1	9.4	9.6	9.9	10.3
8H					8.0	8.2	8.5	8.7	9.2	9.1	9.3	9.6	9.8	10.3
Variations with the observer position at spacings:														
S = 1.0H					+ 1.7 / - 3.2					+ 2.2 / - 3.0				
1.5H					+ 2.6 / - 2.4					+ 3.3 / - 2.7				
2.0H					+ 3.2 / - 2.6					+ 3.6 / - 2.9				

CIE Pub.117, 1911 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 2.3$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-30

$\gamma$  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:

TL0030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

## UTILIZATION FACTORS TABLE

NAME: TLO030-31	TYPE:25.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	93	89	86	82
1.00	100	94	91	99	94	91	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	105	101	98	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	106	109	107	104	106	104	102	95
4.00	113	111	109	111	109	107	107	105	104	96
5.00	115	113	111	112	111	109	108	107	106	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: 2024-08-30

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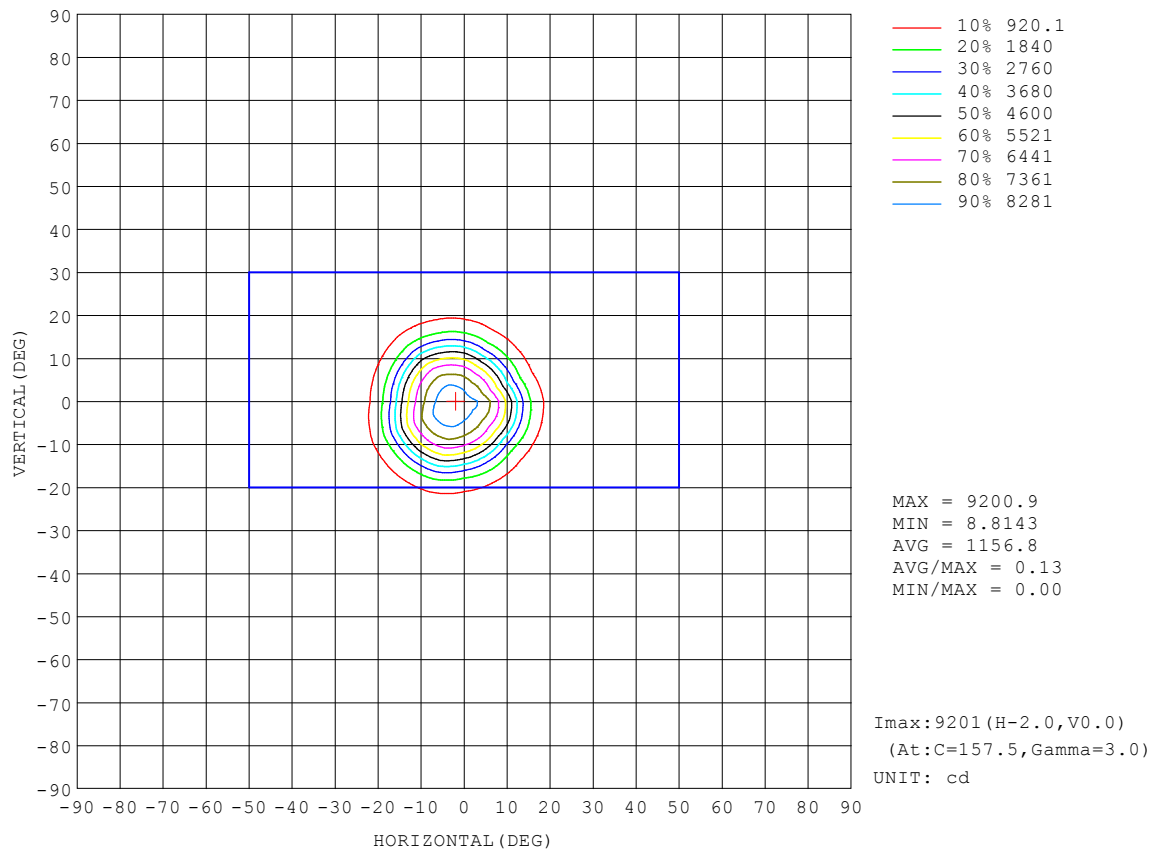
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Interval: 1.0DEG
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Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

### ISOCANDELA DIAGRAM

NAME: TLO030-31	TYPE: 25.4D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
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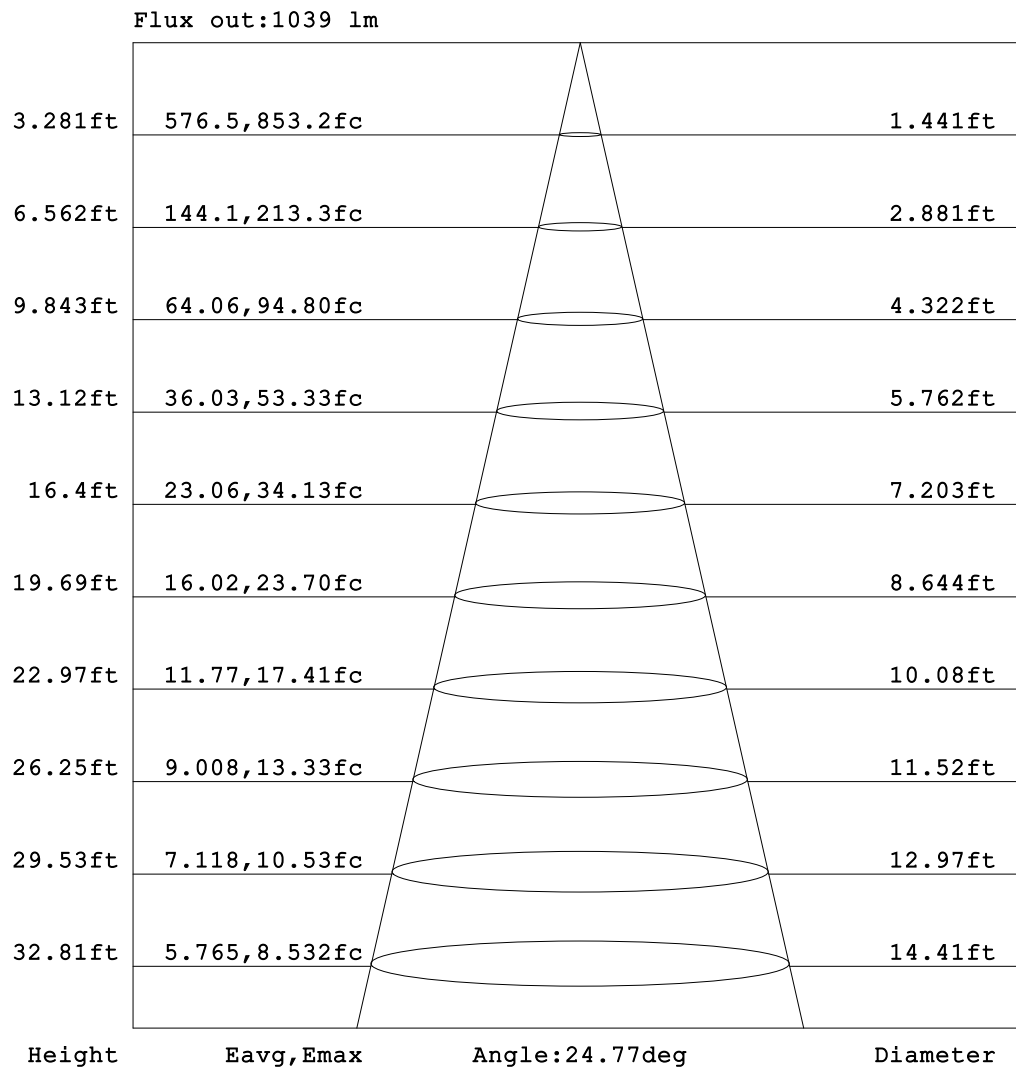
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
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Remarks:



TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

### AAI Figure

NAME: TLO030-31	TYPE:25.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:



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

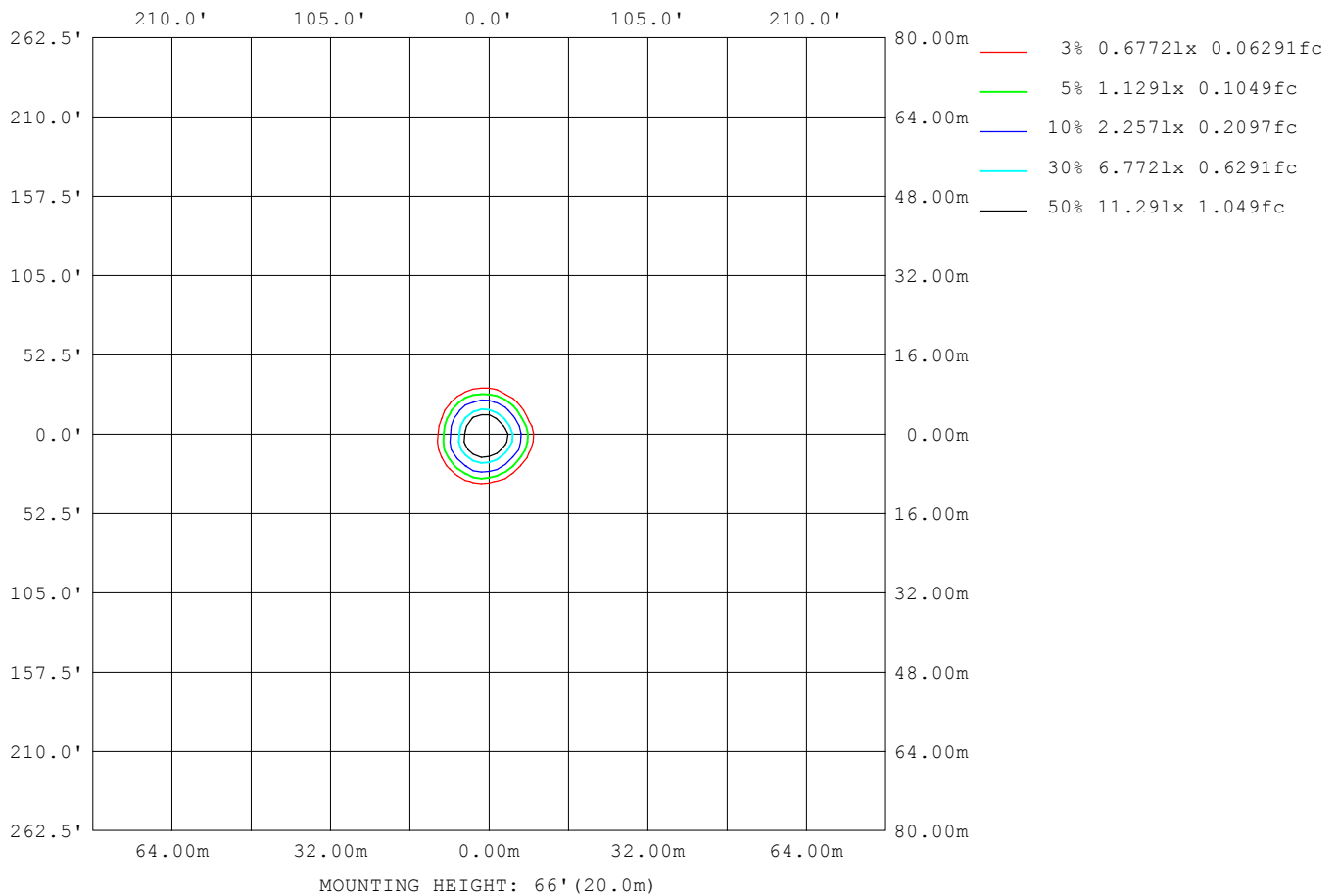
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Humidity:65.0%  
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Remarks:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

### ISOLUX DIAGRAM

NAME: TLO030-31	TYPE: 25.4D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	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:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

### LED Avg.L Report

NAME: TLO030-31	TYPE:25.4D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

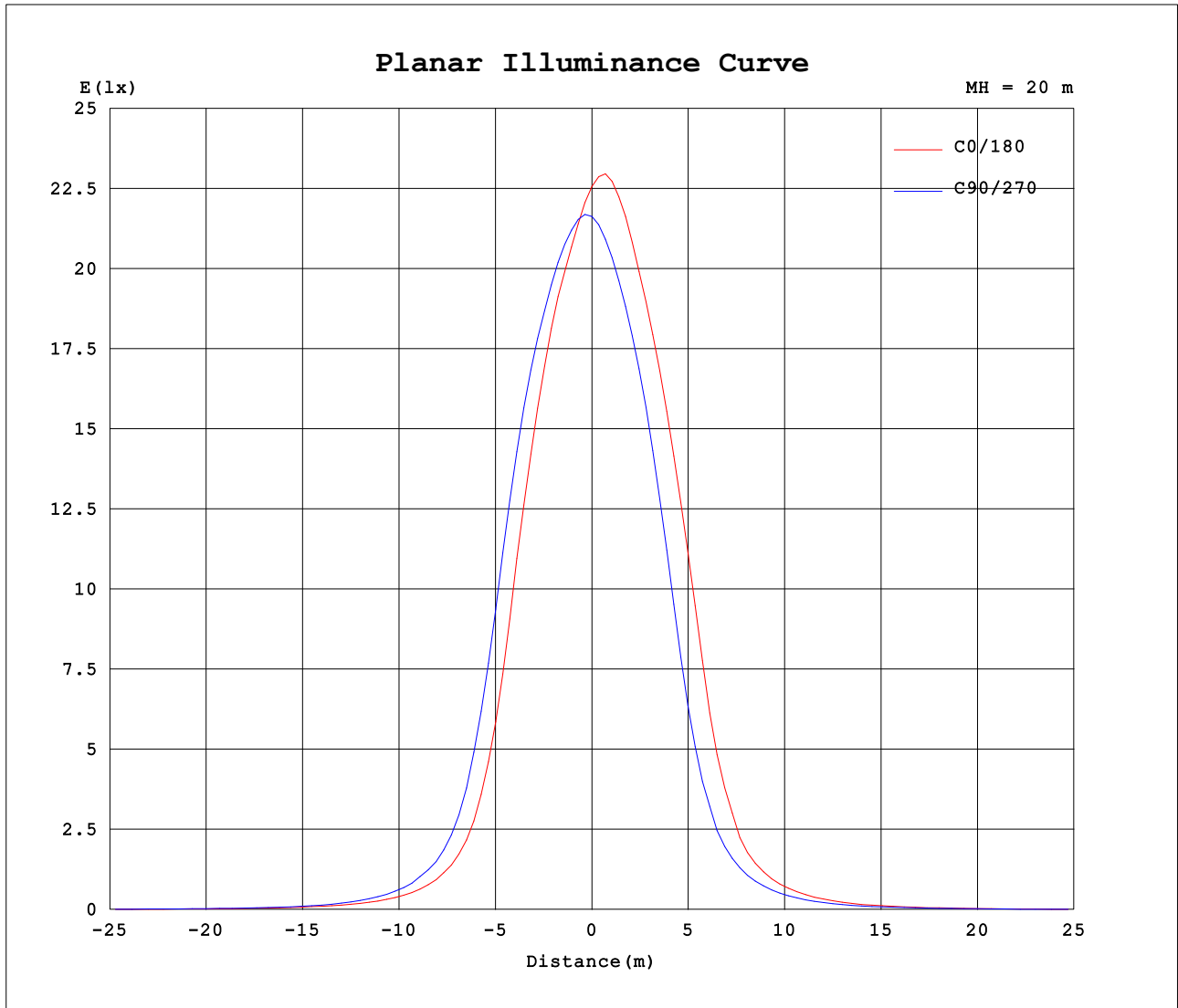
AvgL	cd/m2
L_0~180 (65) av	3980
L_0~180 (75) av	1604
L_0~180 (85) av	1233
L_90~270 (65) av	3995
L_90~270 (75) av	1691
L_90~270 (85) av	1306
L_45 (65) av	4037
L_45 (75) av	1645
L_45 (85) av	1255

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-30

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: 2024-08-30

$\gamma$  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:

TLO030-31 36V700mA CXA1830-30G-NOY 25.4D 3000K CRI90 NA

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO030-31	TYPE: 25.4D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	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	8774	8774	8774	8774	8774	8774	8774	8774	8774	8774	8774	8774	8774	8774	8774	8774			
5	7520	7590	7693	7977	8288	8699	8922	9049	8503	8398	8323	7979	7724	7397	7283	7250			
10	5139	5381	5471	6054	6653	7345	7562	7633	6842	6728	6648	6049	5440	4701	4446	4352			
15	1993	2153	2223	2777	3463	4551	4994	5093	4094	3894	3717	2872	2293	1732	1609	1480			
20	651	697	720	905	1139	1654	1818	1922	1413	1297	1229	951	782	640	564	545			
25	280	295	303	370	451	589	642	660	502	505	469	396	338	276	252	243			
30	138	148	149	177	211	271	290	299	234	227	221	189	164	138	128	121			
35	75.6	77.7	80.6	91.8	105	136	142	149	116	114	111	95.9	84.4	73.8	68.7	68.0			
40	46.4	47.8	49.5	54.6	59.7	69.7	72.8	75.4	63.4	63.6	62.0	55.4	50.1	45.1	42.4	41.8			
45	29.5	30.5	31.7	35.0	37.7	42.1	43.4	44.8	38.8	38.8	38.5	35.2	31.8	28.4	26.5	26.1			
50	17.9	18.6	19.6	21.8	24.1	26.9	27.5	28.3	24.7	24.4	24.5	22.1	19.6	17.1	15.9	15.6			
55	11.0	11.6	12.0	13.2	14.6	16.6	17.1	17.7	15.2	14.9	15.1	13.4	12.0	10.5	9.98	9.74			
60	7.62	7.74	7.75	8.58	9.42	10.3	10.6	11.0	9.67	9.50	9.70	8.79	7.90	6.97	6.81	6.74			
65	4.70	4.90	4.98	5.63	6.11	6.62	7.03	7.13	6.45	6.28	6.36	5.76	5.08	4.37	4.26	3.89			
70	2.58	2.63	2.81	3.37	3.86	4.24	4.38	4.69	3.82	3.62	3.57	3.24	2.86	2.44	2.06	1.90			
75	0.91	0.94	0.99	1.36	1.79	2.22	2.28	2.46	1.84	1.79	1.74	1.47	1.11	0.66	0.64	0.48			
80	0.40	0.40	0.41	0.42	0.46	0.71	0.81	0.89	0.50	0.45	0.41	0.34	0.32	0.33	0.33	0.31			
85	0.39	0.39	0.40	0.41	0.42	0.41	0.42	0.40	0.32	0.30	0.31	0.32	0.33	0.32	0.32	0.31			
90	0.40	0.42	0.41	0.43	0.42	0.42	0.41	0.40	0.33	0.30	0.33	0.32	0.37	0.36	0.38	0.36			
95	0.44	0.46	0.45	0.47	0.45	0.45	0.42	0.42	0.39	0.37	0.39	0.39	0.44	0.43	0.45	0.43			
100	0.50	0.52	0.51	0.52	0.50	0.49	0.46	0.47	0.46	0.43	0.46	0.46	0.50	0.50	0.52	0.50			
105	0.57	0.59	0.58	0.59	0.56	0.56	0.52	0.53	0.52	0.50	0.53	0.52	0.58	0.57	0.59	0.58			
110	0.69	0.71	0.70	0.70	0.65	0.64	0.60	0.61	0.60	0.57	0.61	0.62	0.67	0.69	0.73	0.71			
115	0.93	0.93	0.93	0.88	0.82	0.78	0.73	0.73	0.72	0.71	0.74	0.78	0.86	0.94	0.98	0.98			
120	1.50	1.46	1.47	1.32	1.19	1.06	0.98	0.97	0.96	0.98	1.03	1.14	1.31	1.53	1.62	1.64			
125	2.99	2.89	2.89	2.44	2.11	1.74	1.62	1.55	1.61	1.68	1.78	2.10	2.51	3.11	3.35	3.40			
130	6.22	6.03	6.05	5.13	4.39	3.56	3.26	3.12	3.41	3.56	3.78	4.49	5.33	6.45	6.90	6.99			
135	11.1	10.8	10.9	9.65	8.55	7.25	6.73	6.53	6.96	7.19	7.59	8.64	9.98	11.5	12.1	12.1			
140	16.9	16.7	16.7	15.4	14.1	12.6	11.9	11.6	12.1	12.3	12.9	14.3	15.9	17.6	18.2	18.2			
145	22.4	22.3	22.4	21.4	20.2	18.7	17.9	17.6	17.9	18.3	18.9	20.4	21.9	23.6	23.9	23.9			
150	26.7	26.6	26.9	26.4	25.6	24.4	23.7	23.4	23.4	23.8	24.4	25.7	26.9	28.0	28.1	28.0			
155	28.5	28.6	29.1	29.3	29.1	28.5	27.9	27.7	27.4	27.7	28.3	29.1	29.8	30.2	29.6	29.4			
160	27.6	28.0	28.8	29.8	30.2	30.2	29.8	29.7	28.9	29.0	29.6	30.2	30.4	29.8	28.4	27.8			
165	24.1	24.6	26.1	27.7	28.6	29.4	29.0	28.8	27.5	27.6	28.1	28.5	27.9	26.5	24.6	23.7			
170	19.5	20.2	21.1	23.2	24.8	25.9	25.6	25.6	23.8	24.2	24.3	24.1	23.1	21.3	19.5	19.0			
175	15.5	16.0	17.1	18.4	19.7	20.9	21.2	20.8	19.1	19.5	20.0	19.5	18.5	17.4	16.2	15.3			
180	15.5	15.8	16.8	17.0	17.5	17.3	17.2	16.4	15.5	15.8	16.7	17.1	17.5	17.3	17.2	16.3			

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