

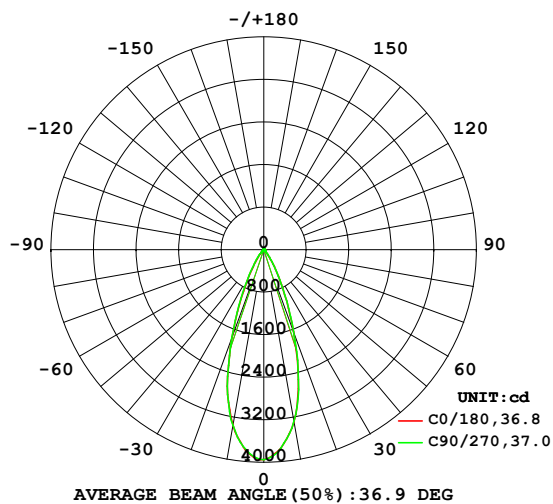
TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

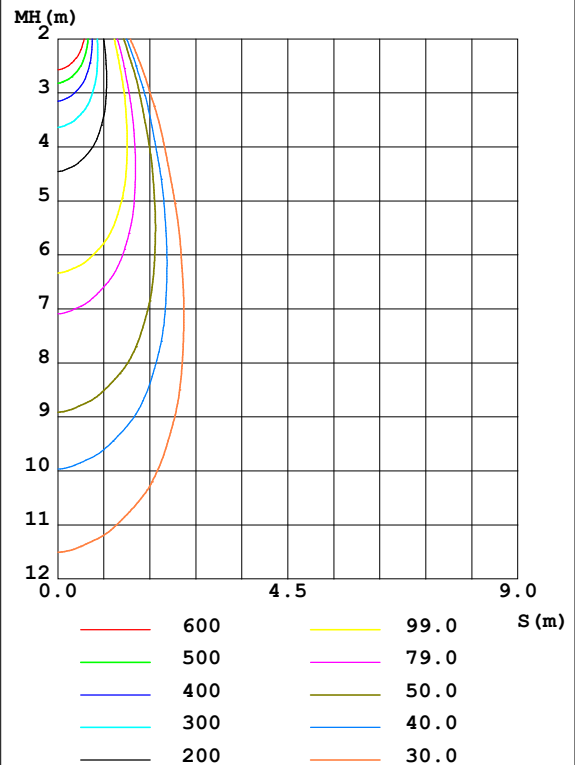
NAME: TLO020-11	TYPE: 36.9D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.71 lm/W			
MODEL		Imax(cd)	3958	S/MH(C0/180)	0.60
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	1800.2	$\eta$ UP,DN(C0-180)	1.2, 48.4
NOMINAL FLUX(lm)	1800.16	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.2, 49.2
LAMPS INSIDE	1	$\eta$ up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	110	$\eta$ down(%)	97.6	CIBSE SHR MAX	0.60

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: 2024-08-09

$\gamma$  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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	3288	3205	3277	3392	3350	3451	3358	3233	0- 10	345.3	345.3	19.2,19.2
20	1643	1539	1644	1803	1752	1883	1765	1572	10- 20	700.8	1046	58.1,58.1
30	501.8	443.7	496.7	557.3	507.1	577.6	547.0	467.1	20- 30	456.7	1503	83.5,83.5
40	103.2	100.8	117.4	129.5	111.7	138.0	132.1	104.7	30- 40	166.1	1669	92.7,92.7
50	35.30	34.44	38.74	37.57	39.70	42.29	41.89	32.61	40- 50	50.02	1719	95.5,95.5
60	16.64	16.12	17.16	17.11	17.90	18.84	18.50	15.53	50- 60	23.17	1742	96.8,96.8
70	4.617	4.412	5.410	6.818	6.629	7.206	5.807	4.402	60- 70	11.52	1754	97.4,97.4
80	0.4388	0.3812	0.5337	0.8295	0.7349	0.8404	0.5909	0.3232	70- 80	2.677	1756	97.6,97.6
90	0.4127	0.4216	0.4184	0.3965	0.3426	0.3313	0.3522	0.3546	80- 90	0.4147	1757	97.6,97.6
100	0.5574	0.5826	0.5754	0.5250	0.4810	0.4661	0.4984	0.5032	90-100	0.4821	1757	97.6,97.6
110	1.018	1.110	1.066	0.9430	0.8615	0.8288	0.9019	0.9537	100-110	0.7336	1758	97.7,97.7
120	2.684	2.955	2.782	2.459	2.315	2.175	2.378	2.595	110-120	1.576	1760	97.7,97.7
130	6.943	7.480	7.078	6.446	6.199	5.864	6.283	6.808	120-130	3.854	1763	98,98
140	13.70	14.33	13.81	13.00	12.71	12.25	12.82	13.53	130-140	7.504	1771	98.4,98.4
150	20.56	21.00	20.72	20.05	19.62	19.27	19.82	20.36	140-150	10.47	1781	99,99
160	23.43	23.52	23.87	23.52	22.98	23.04	23.55	23.16	150-160	10.25	1792	99.5,99.5
170	21.49	21.49	21.94	22.23	21.52	21.76	21.77	21.37	160-170	6.480	1798	99.9,99.9
180	20.45	20.84	20.58	20.94	20.48	20.85	20.60	20.96	170-180	2.011	1800	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

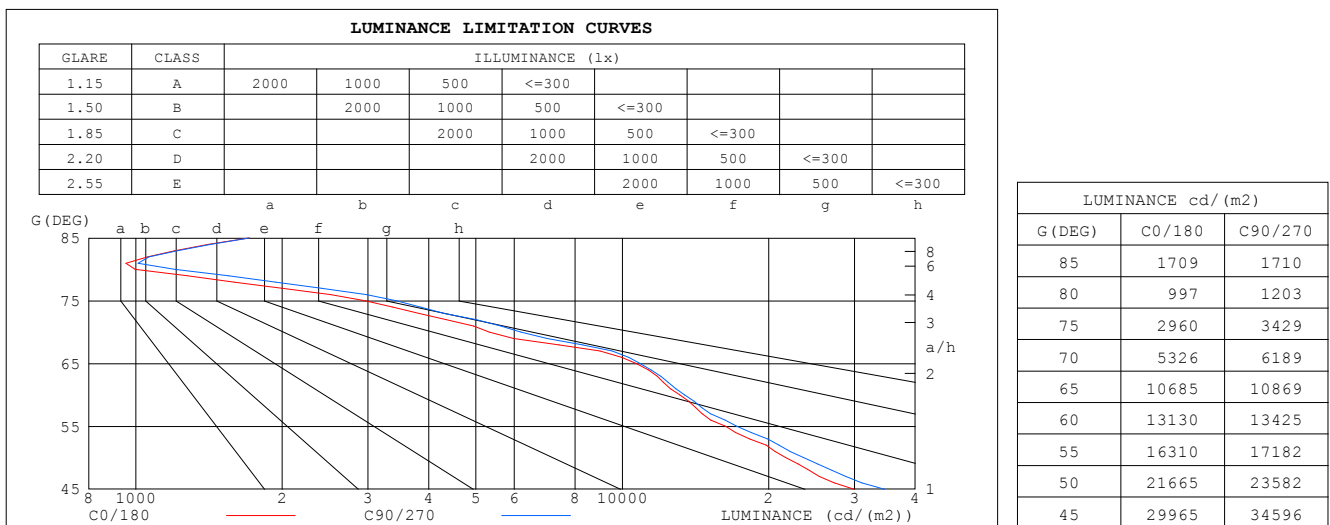
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:CJY  
 Test Date:2024-08-09

$\gamma$  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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

### LUMINANCE LIMITATION CURVES

NAME: TLO020-11	TYPE: 36.9D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: CJY  
Test Date: 2024-08-09

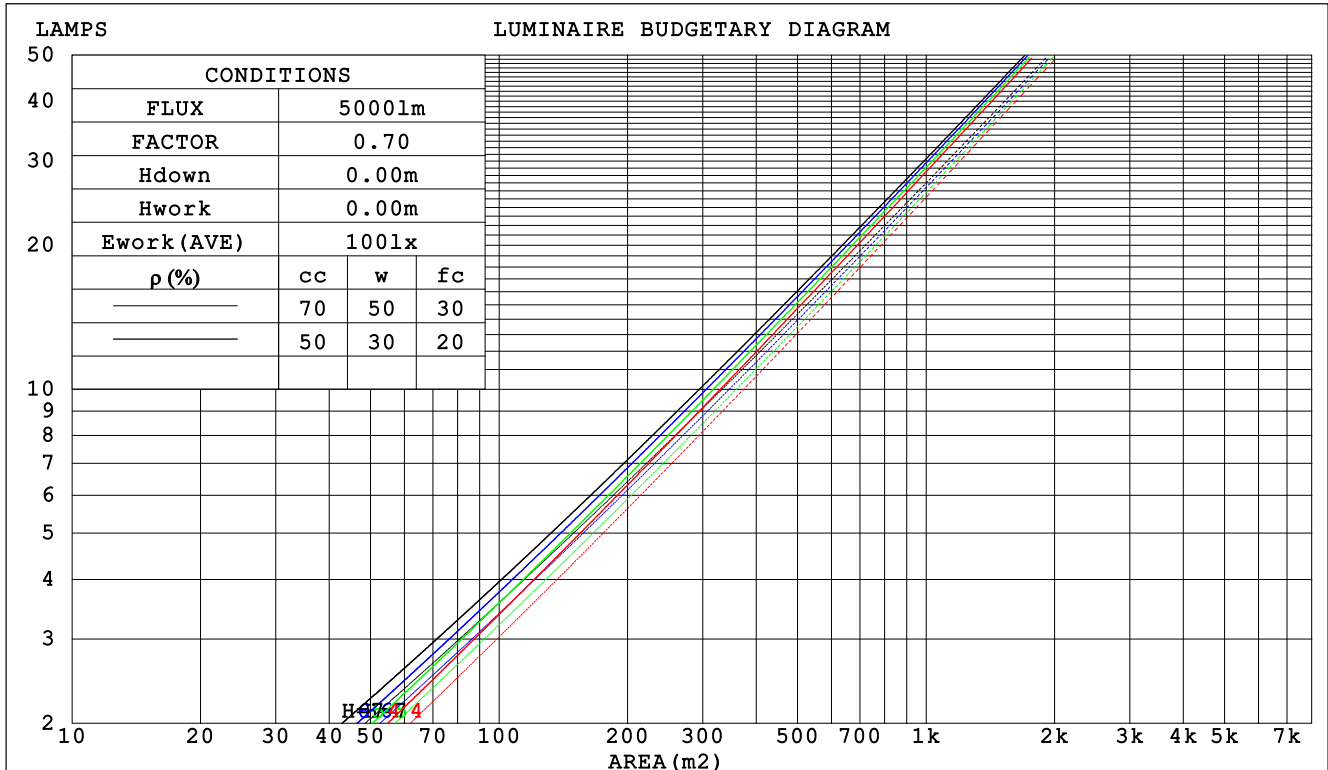
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-11	TYPE:36.9D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.95	.94	.93
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.96	.93	.92	.93	.91	.89	.88
3.0	.98	.94	.90	.97	.93	.90	.94	.91	.88	.91	.89	.86	.89	.87	.85	.83
4.0	.93	.88	.85	.92	.87	.84	.89	.86	.83	.87	.84	.81	.85	.83	.80	.79
5.0	.88	.83	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.82	.79	.76	.75
6.0	.84	.79	.75	.83	.78	.75	.82	.77	.74	.80	.76	.73	.78	.75	.73	.71
7.0	.80	.75	.71	.79	.75	.71	.78	.74	.71	.77	.73	.70	.75	.72	.70	.68
8.0	.77	.71	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.63
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-09

$\gamma$  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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

### WEC AND CCEC

NAME: TLO020-11	TYPE:36.9D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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	.162	.092	.029	.155	.088	.028	.141	.081	.026	.128	.074	.024	.116	.067	.022		
2.0	.153	.084	.026	.147	.081	.025	.135	.075	.023	.124	.070	.022	.114	.065	.020		
3.0	.144	.077	.023	.139	.074	.022	.129	.070	.021	.120	.066	.020	.111	.062	.019		
4.0	.136	.071	.021	.132	.069	.020	.123	.065	.020	.115	.062	.019	.108	.059	.018		
5.0	.129	.066	.019	.125	.064	.019	.118	.061	.018	.111	.058	.017	.104	.056	.017		
6.0	.123	.062	.018	.119	.060	.017	.113	.058	.017	.107	.055	.016	.101	.053	.016		
7.0	.117	.058	.016	.114	.057	.016	.108	.055	.016	.103	.053	.015	.097	.051	.015		
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014		
9.0	.107	.052	.014	.105	.051	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013		
10.0	.103	.049	.014	.100	.048	.014	.096	.047	.013	.092	.046	.013	.088	.044	.013		

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	.189	.176	.165	.161	.151	.142	.110	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.172	.151	.133	.148	.130	.115	.101	.090	.080	.058	.052	.047	.019	.017	.015	
3.0	.159	.132	.111	.136	.114	.096	.094	.079	.067	.054	.046	.040	.017	.015	.013	
4.0	.148	.117	.094	.127	.101	.082	.087	.071	.057	.050	.041	.034	.016	.013	.011	
5.0	.138	.105	.081	.119	.091	.071	.082	.064	.050	.047	.037	.030	.015	.012	.010	
6.0	.130	.096	.071	.112	.083	.062	.077	.058	.044	.045	.034	.026	.014	.011	.009	
7.0	.124	.088	.063	.106	.076	.055	.073	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.118	.082	.057	.101	.071	.050	.070	.050	.035	.041	.029	.021	.013	.010	.007	
9.0	.112	.076	.052	.097	.066	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
10.0	.108	.072	.048	.093	.062	.042	.064	.044	.030	.038	.026	.018	.012	.009	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-11					TYPE:36.9D			WEIGHT:1		
SPEC.:3000K CRI93					DIM.:			SERIAL No.:		
MFR.:					SUR.:57			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	15.7	16.5	16.0	16.7	16.9	15.9	16.7	16.1	16.9	17.1
3H	15.7	16.5	16.0	16.7	16.9	15.9	16.6	16.2	16.8	17.1
4H	15.7	16.4	16.0	16.6	16.9	15.8	16.5	16.1	16.8	17.0
6H	15.6	16.2	15.9	16.5	16.8	15.7	16.4	16.0	16.7	16.9
8H	15.5	16.2	15.9	16.5	16.8	15.7	16.3	16.0	16.6	16.9
12H	15.5	16.1	15.8	16.4	16.7	15.6	16.2	16.0	16.5	16.9
4H 2H	15.6	16.3	15.9	16.6	16.9	15.7	16.4	16.1	16.7	17.0
3H	15.6	16.3	16.0	16.6	16.9	15.8	16.4	16.1	16.7	17.0
4H	15.6	16.1	16.0	16.5	16.8	15.7	16.3	16.1	16.6	17.0
6H	15.5	16.0	15.9	16.3	16.7	15.6	16.1	16.0	16.5	16.9
8H	15.4	15.9	15.9	16.3	16.7	15.6	16.0	16.0	16.4	16.8
12H	15.4	15.8	15.8	16.2	16.6	15.5	15.9	16.0	16.3	16.8
8H 4H	15.4	15.9	15.9	16.3	16.7	15.6	16.0	16.0	16.4	16.8
6H	15.3	15.7	15.8	16.1	16.6	15.5	15.8	15.9	16.3	16.7
8H	15.3	15.6	15.8	16.1	16.6	15.4	15.7	15.9	16.2	16.7
12H	15.2	15.5	15.7	16.0	16.5	15.4	15.6	15.9	16.1	16.6
12H 4H	15.4	15.8	15.8	16.2	16.6	15.5	15.9	16.0	16.3	16.8
6H	15.3	15.6	15.8	16.1	16.5	15.4	15.7	15.9	16.2	16.7
8H	15.2	15.5	15.7	16.0	16.5	15.3	15.6	15.9	16.1	16.6
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 3.9					+ 2.7 / - 3.9				
1.5H	+ 4.3 / - 3.0					+ 4.3 / - 3.2				
2.0H	+ 2.6 / - 1.7					+ 3.3 / - 1.9				

CIE Pub.117, 1800 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 2.0$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-09

$\gamma$  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:

TL0020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

## UTILIZATION FACTORS TABLE

NAME: TLO020-11	TYPE:36.9D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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	86	81	77	85	80	77	73
0.80	94	89	85	94	88	85	92	87	84	80
1.00	99	93	90	98	93	89	96	92	88	84
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	101	97	104	100	97	101	98	95	90
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: 2024-08-09

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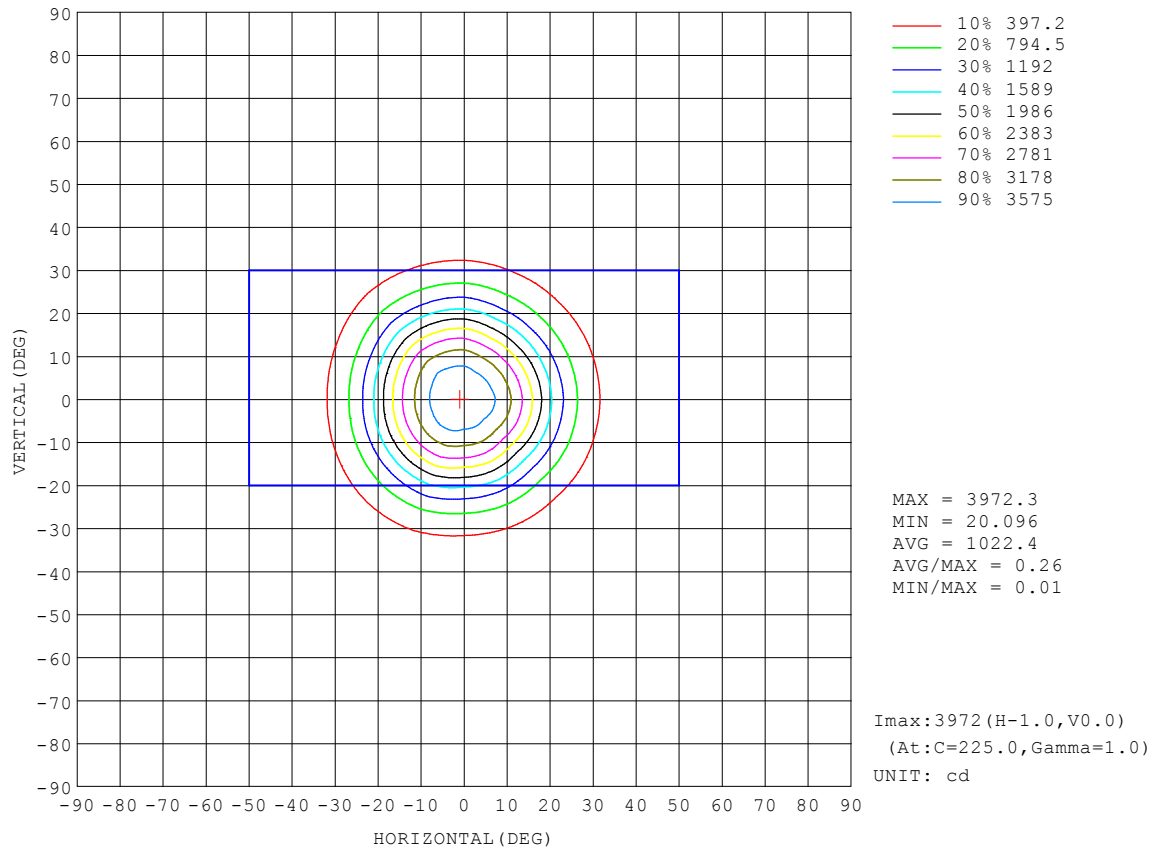
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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

### ISOCANDELA DIAGRAM

NAME: TLO020-11	TYPE: 36.9D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: CJY  
Test Date: 2024-08-09

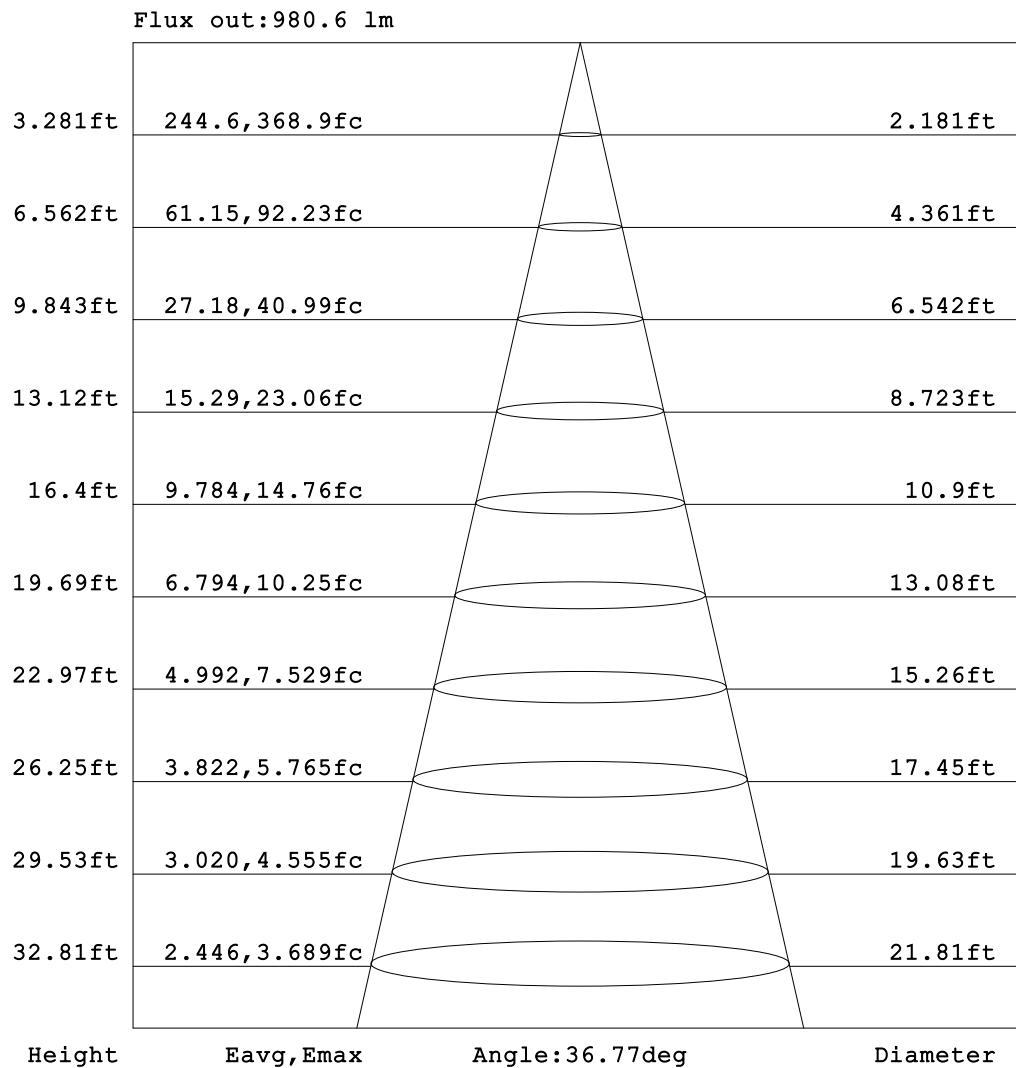
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:



TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

### AAI Figure

NAME: TLO020-11	TYPE:36.9D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



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

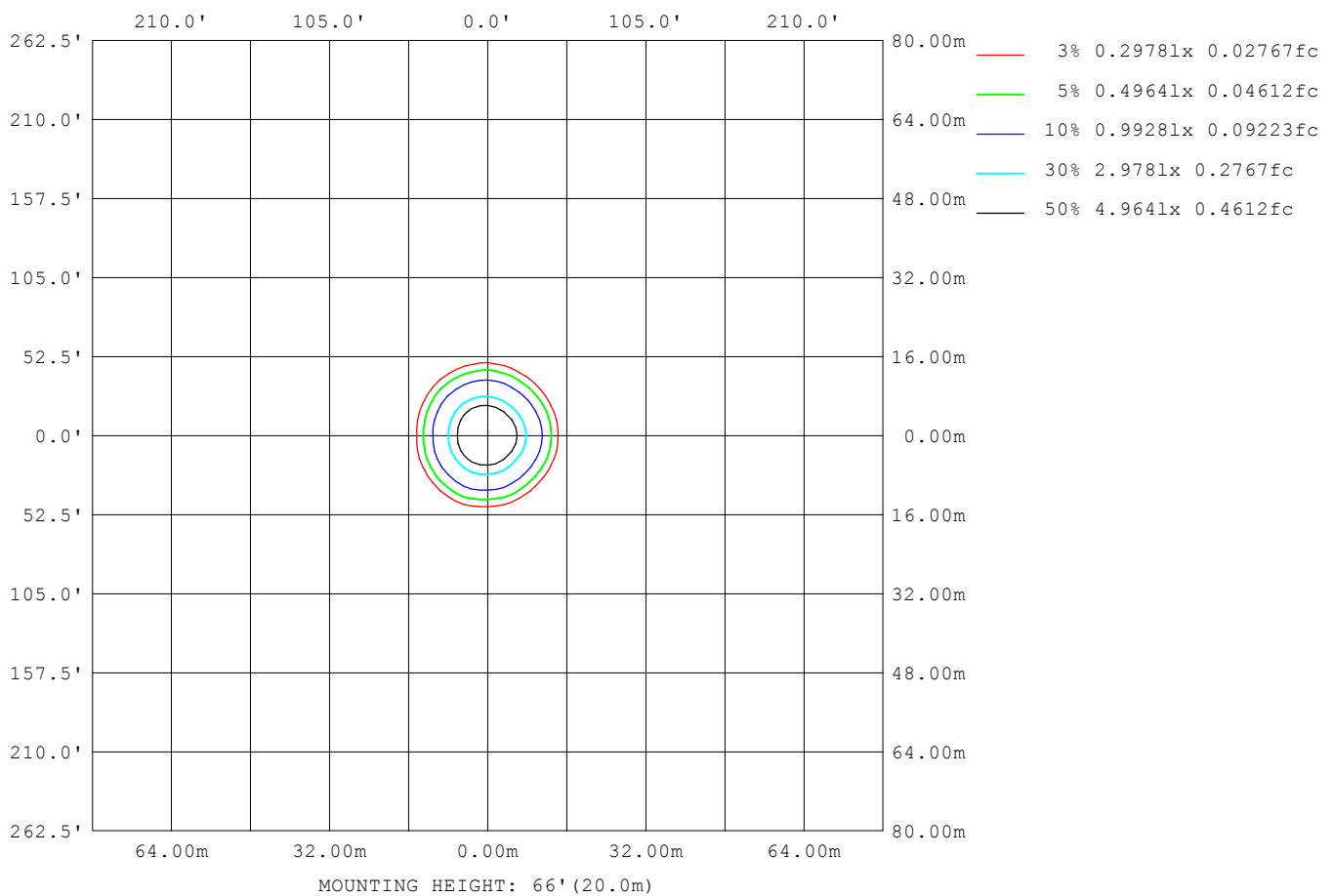
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Test Speed: HIGH  
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γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]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

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

### ISOLUX DIAGRAM

NAME: TLO020-11	TYPE:36.9D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

### LED Avg.L Report

NAME: TLO020-11	TYPE:36.9D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

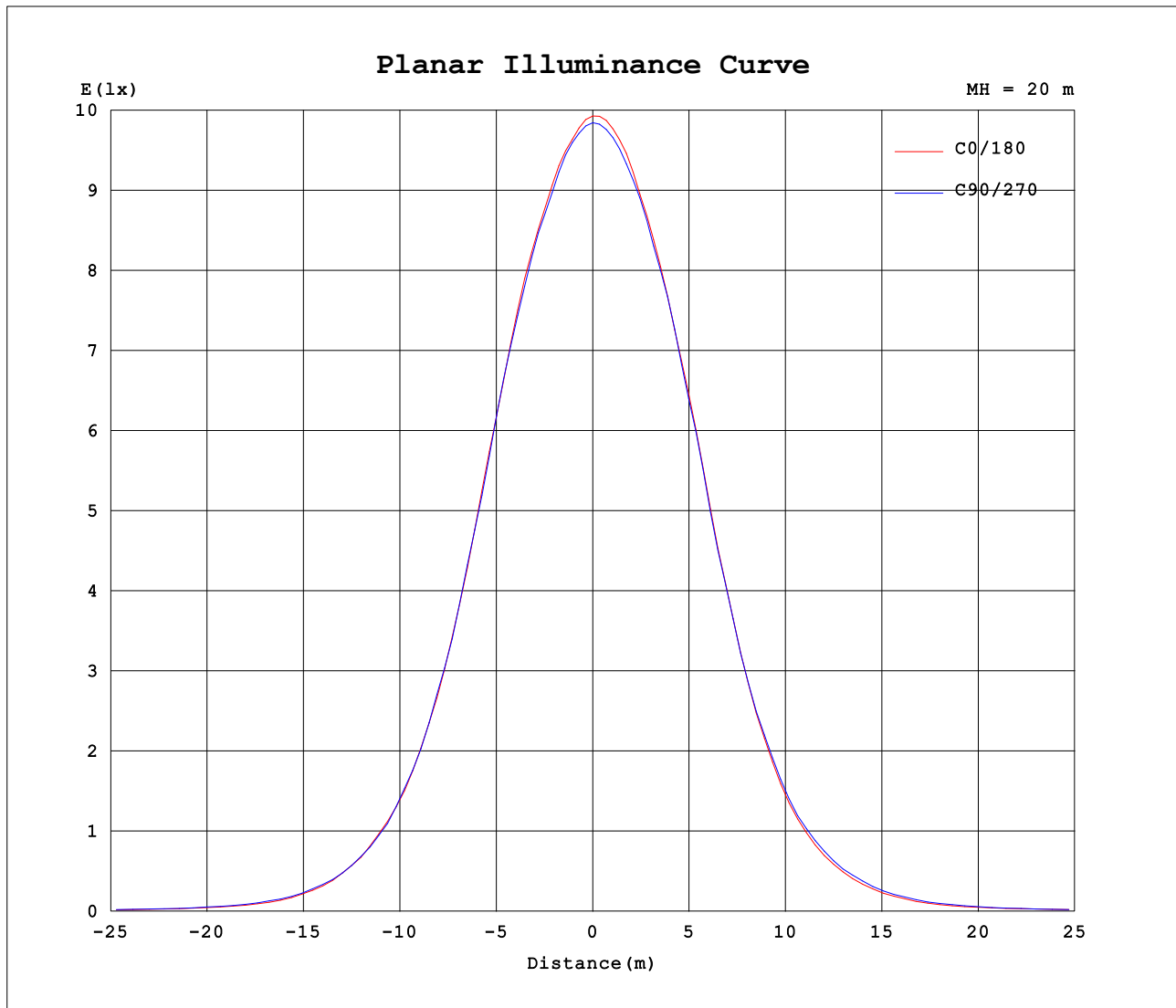
AvgL	cd/m2
L_0~180 (65) av	11183
L_0~180 (75) av	3506
L_0~180 (85) av	1556
L_90~270 (65) av	11318
L_90~270 (75) av	3506
L_90~270 (85) av	1569
L_45 (65) av	10918
L_45 (75) av	3493
L_45 (85) av	1540

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-09

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: 2024-08-09

$\gamma$  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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 36.9D 3000K CRI93 NA

### LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-11	TYPE:36.9D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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	3947	3947	3947	3947	3947	3947	3947	3947	3947	3947	3947	3947	3947	3947	3947	3947			
5	3743	3719	3694	3725	3742	3809	3826	3811	3805	3821	3847	3818	3784	3728	3706	3721			
10	3288	3256	3205	3259	3277	3376	3392	3374	3350	3378	3451	3397	3358	3262	3233	3258			
15	2532	2504	2425	2512	2527	2701	2711	2696	2654	2695	2788	2713	2664	2480	2456	2480			
20	1643	1614	1539	1631	1644	1813	1803	1802	1752	1786	1883	1805	1765	1595	1572	1588			
25	938	920	862	933	951	1074	1059	1038	996	1022	1103	1049	1032	915	889	906			
30	502	473	444	479	497	560	557	531	507	536	578	555	547	485	467	476			
35	230	228	214	236	246	276	275	260	246	261	290	279	279	242	228	228			
40	103	103	101	111	117	134	129	118	112	121	138	132	132	113	105	101			
45	53.7	54.1	53.6	58.6	62.5	65.9	64.1	59.3	57.9	62.4	69.1	68.9	66.9	60.5	52.8	51.6			
50	35.3	35.0	34.4	36.6	38.7	39.8	37.6	38.2	39.7	40.5	42.3	42.2	41.9	36.8	32.6	33.3			
55	23.7	23.2	22.6	23.8	25.2	26.2	26.0	27.2	28.0	28.0	28.7	27.6	27.3	24.2	22.3	22.8			
60	16.6	16.5	16.1	16.7	17.2	17.6	17.1	17.8	17.9	18.1	18.8	18.7	18.5	16.8	15.5	15.9			
65	11.4	11.3	10.7	11.4	11.7	12.5	12.3	12.8	12.7	12.7	13.2	12.9	12.7	11.3	10.8	11.0			
70	4.62	4.62	4.41	5.00	5.41	6.51	6.82	6.87	6.63	6.75	7.21	6.27	5.81	4.75	4.40	4.39			
75	1.94	1.90	1.76	2.08	2.27	2.72	2.85	2.82	2.69	2.83	2.91	2.57	2.36	1.84	1.70	1.75			
80	0.44	0.40	0.38	0.63	0.53	0.77	0.83	0.84	0.73	0.84	0.84	0.67	0.59	0.37	0.32	0.34			
85	0.38	0.39	0.38	0.39	0.38	0.38	0.38	0.38	0.31	0.30	0.30	0.31	0.32	0.31	0.31	0.30			
90	0.41	0.43	0.42	0.43	0.42	0.41	0.40	0.41	0.34	0.32	0.33	0.32	0.35	0.34	0.35	0.33			
95	0.48	0.49	0.49	0.50	0.48	0.47	0.45	0.46	0.40	0.38	0.39	0.39	0.41	0.41	0.42	0.40			
100	0.56	0.58	0.58	0.59	0.58	0.56	0.52	0.54	0.48	0.45	0.47	0.47	0.50	0.49	0.50	0.48			
105	0.71	0.73	0.76	0.76	0.74	0.70	0.67	0.68	0.61	0.59	0.59	0.61	0.64	0.66	0.66	0.63			
110	1.02	1.04	1.11	1.09	1.07	0.98	0.94	0.95	0.86	0.85	0.83	0.87	0.90	0.97	0.95	0.92			
115	1.61	1.66	1.77	1.72	1.68	1.54	1.48	1.50	1.37	1.35	1.30	1.38	1.42	1.54	1.54	1.48			
120	2.68	2.77	2.96	2.86	2.78	2.53	2.46	2.49	2.31	2.26	2.18	2.29	2.38	2.59	2.60	2.48			
125	4.44	4.56	4.85	4.68	4.55	4.18	4.07	4.13	3.89	3.78	3.66	3.81	3.96	4.28	4.33	4.15			
130	6.94	7.11	7.48	7.25	7.08	6.56	6.45	6.52	6.20	6.05	5.86	6.08	6.28	6.74	6.81	6.56			
135	10.0	10.3	10.7	10.4	10.2	9.65	9.49	9.60	9.21	8.98	8.79	9.03	9.31	9.82	9.95	9.61			
140	13.7	13.9	14.3	14.1	13.8	13.2	13.0	13.1	12.7	12.4	12.2	12.5	12.8	13.4	13.5	13.1			
145	17.4	17.5	17.9	17.7	17.5	16.9	16.7	16.7	16.3	16.1	15.9	16.1	16.5	17.0	17.2	16.8			
150	20.6	20.7	21.0	20.9	20.7	20.2	20.1	20.0	19.6	19.4	19.3	19.6	19.8	20.3	20.4	20.1			
155	22.8	22.8	23.0	23.1	23.0	22.8	22.5	22.3	22.0	21.8	21.8	22.2	22.4	22.6	22.5	22.3			
160	23.4	23.4	23.5	23.8	23.9	23.8	23.5	23.2	23.0	22.8	23.0	23.4	23.6	23.5	23.2	23.0			
165	22.7	22.7	22.9	23.1	23.2	23.4	23.3	22.9	22.6	22.5	22.8	23.1	23.2	22.9	22.5	22.5			
170	21.5	21.5	21.5	21.8	21.9	22.2	22.2	22.0	21.5	21.7	21.8	21.7	21.8	21.5	21.4	21.3			
175	20.5	20.4	20.7	20.7	20.7	21.1	21.3	20.9	20.6	20.8	21.1	20.7	20.7	20.7	20.8	20.4			
180	20.5	20.5	20.8	20.5	20.6	20.7	20.9	20.4	20.5	20.5	20.9	20.5	20.6	20.6	21.0	20.4			

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