

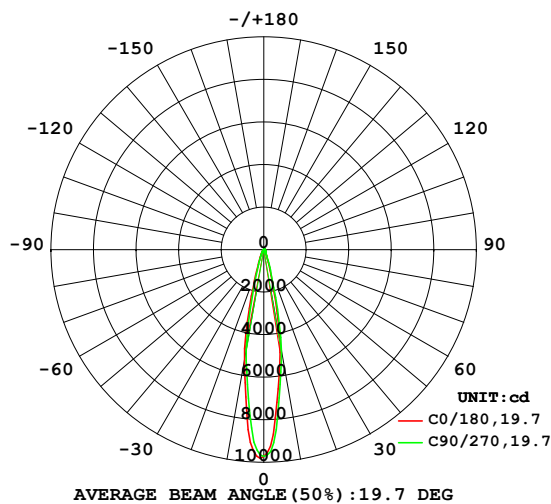
TLO020-11 36V500mA CXA1820-30G-H-NOY 19.7D 3000K CRI93 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

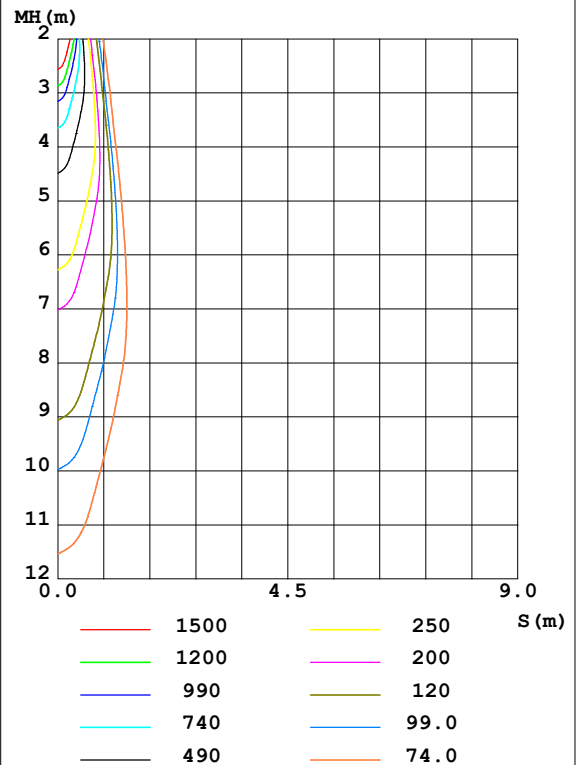
NAME: TLO020-11	TYPE:19.7D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.81 lm/W			
MODEL		I _{max} (cd)	9831	S/MH(C0/180)	0.36
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	1669.7	η UP,DN(C0-180)	1.2,48.5
NOMINAL FLUX(lm)	1669.73	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.1
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	110	η down(%)	97.6	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:2024-08-09

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 19.7D 3000K CRI93 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4356	4076	4814	5399	5278	5517	4763	4100	0- 10	643.4	643.4	38.5,38.5
20	637.6	634.2	751.4	901.6	875.3	960.9	734.3	608.0	10- 20	576.4	1220	73.1,73.1
30	197.6	203.4	227.5	258.3	254.4	273.7	222.8	191.2	20- 30	189.0	1409	84.4,84.4
40	91.08	92.53	99.29	108.6	109.6	117.2	99.75	88.22	30- 40	94.59	1503	90,90
50	50.62	50.95	54.71	57.55	58.76	60.81	54.53	49.12	40- 50	57.07	1560	93.5,93.5
60	31.07	31.09	33.72	34.88	35.07	35.82	33.54	30.68	50- 60	38.34	1599	95.7,95.7
70	12.75	12.01	14.25	15.98	15.56	16.62	14.65	12.41	60- 70	23.05	1622	97.1,97.1
80	0.5814	0.4562	1.031	1.901	1.639	2.013	1.077	0.4377	70- 80	6.942	1629	97.5,97.5
90	0.4747	0.4958	0.4826	0.4453	0.4096	0.3988	0.4407	0.4413	80- 90	0.5207	1629	97.6,97.6
100	0.7054	0.7327	0.6960	0.6424	0.6297	0.6225	0.6654	0.6828	90-100	0.6008	1630	97.6,97.6
110	1.062	1.104	1.018	0.9370	0.9130	0.9149	0.9659	1.0000	100-110	0.8622	1631	97.7,97.7
120	1.850	1.943	1.709	1.515	1.452	1.465	1.601	1.743	110-120	1.251	1632	97.7,97.7
130	5.064	5.398	4.507	3.804	3.702	3.609	4.231	4.872	120-130	2.373	1634	97.9,97.9
140	13.68	14.34	12.91	11.53	11.26	11.05	12.42	13.63	130-140	6.129	1640	98.2,98.2
150	21.90	22.34	21.67	20.65	20.31	20.35	21.36	21.98	140-150	10.74	1651	98.9,98.9
160	23.75	23.83	24.55	23.87	23.35	23.74	24.50	23.74	150-160	10.70	1662	99.5,99.5
170	17.65	17.74	19.50	19.39	18.71	19.17	18.96	17.53	160-170	6.283	1668	99.9,99.9
180	12.76	13.51	13.19	13.39	12.79	13.49	13.20	13.37	170-180	1.537	1670	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

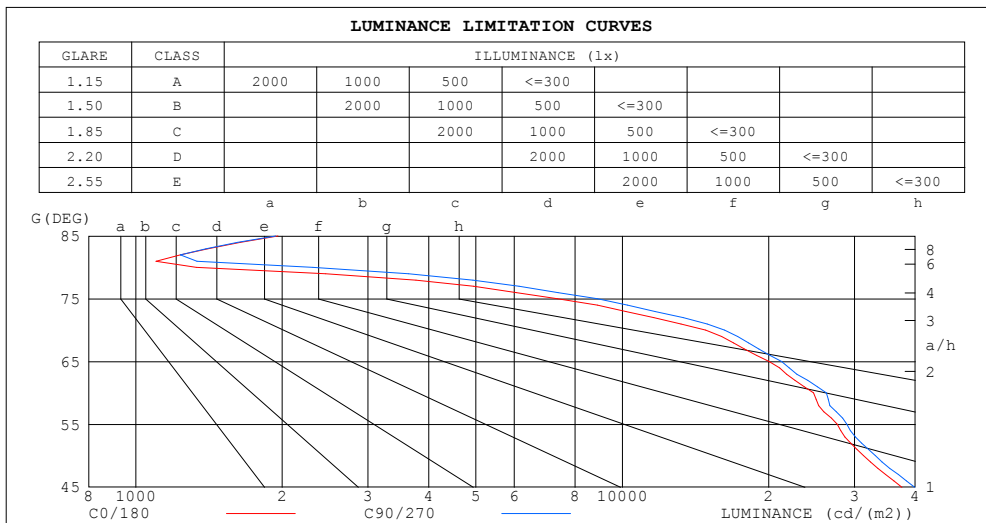
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-09

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 19.7D 3000K CRI93 NA

LUMINANCE LIMITATION CURVES

NAME: TLO020-11	TYPE: 19.7D	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

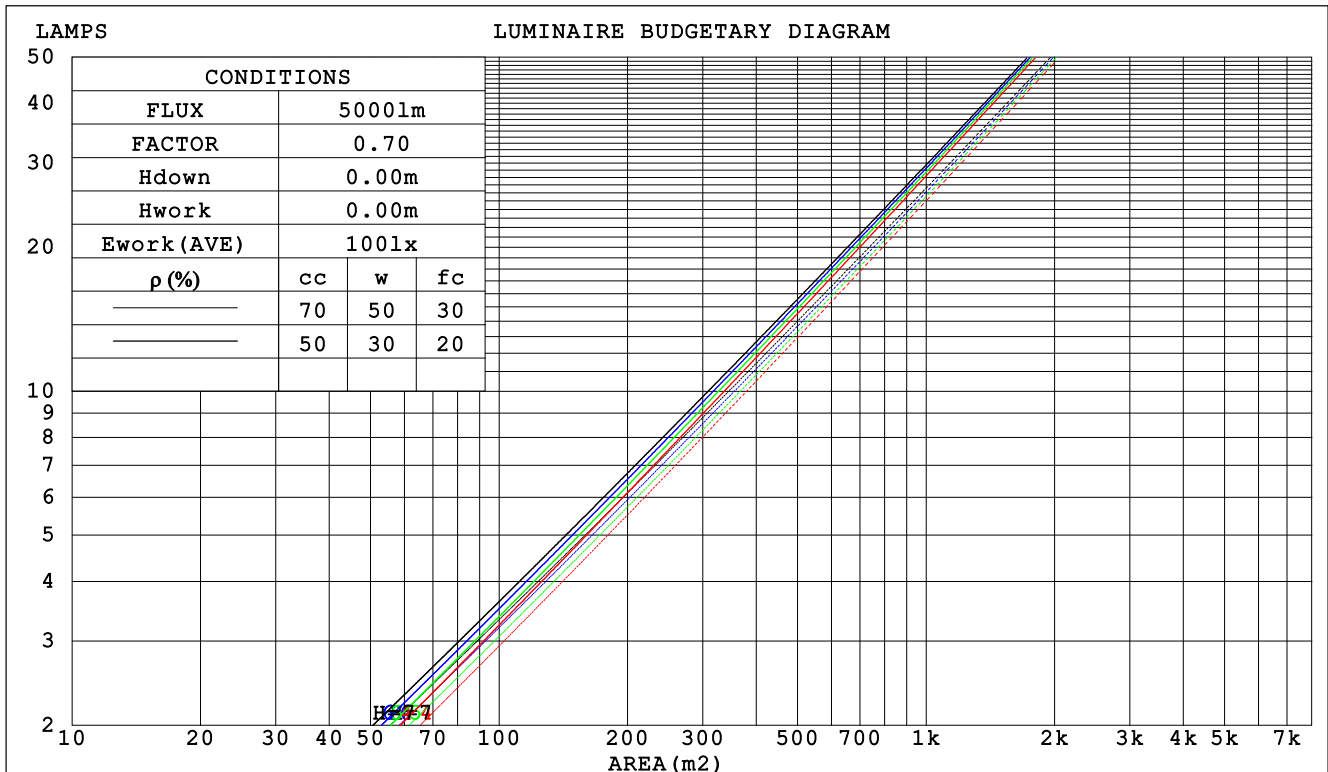
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TL0020-11 36V500mA CXA1820-30G-H-NOY 19.7D 3000K CRI93 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-11	TYPE:19.7D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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
R _{CR}	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	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.97	.96	.95	.93
2.0	1.06	1.02	.99	1.04	1.01	.98	1.00	.98	.96	.97	.95	.93	.94	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.93	.91	.89	.91	.89	.87	.86
4.0	.96	.92	.88	.95	.91	.88	.92	.89	.86	.90	.87	.85	.88	.86	.84	.83
5.0	.92	.88	.84	.91	.87	.84	.89	.86	.83	.87	.84	.82	.86	.83	.81	.80
6.0	.89	.84	.81	.88	.84	.80	.86	.83	.80	.85	.82	.79	.83	.81	.78	.77
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.82	.79	.77	.81	.78	.76	.75
8.0	.83	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.79	.76	.74	.73
9.0	.80	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.77	.74	.72	.71
10.0	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.75	.72	.70	.69



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

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

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TLO020-11 36V500mA CXA1820-30G-H-NOY 19.7D 3000K CRI93 NA

WEC AND CCEC

NAME: TLO020-11	TYPE:19.7D	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	.151	.086	.027	.143	.082	.026	.129	.074	.024	.117	.067	.022	.105	.061	.020		
2.0	.141	.077	.024	.134	.074	.023	.123	.068	.021	.112	.063	.020	.102	.058	.018		
3.0	.131	.070	.021	.126	.067	.020	.116	.063	.019	.107	.059	.018	.098	.055	.017		
4.0	.123	.064	.019	.118	.062	.018	.110	.058	.017	.102	.055	.016	.094	.051	.016		
5.0	.115	.059	.017	.111	.057	.017	.104	.054	.016	.097	.051	.015	.091	.048	.015		
6.0	.108	.054	.016	.105	.053	.015	.098	.050	.015	.092	.048	.014	.087	.046	.014		
7.0	.102	.050	.014	.099	.049	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013		
8.0	.097	.047	.013	.094	.046	.013	.089	.044	.013	.084	.043	.012	.080	.041	.012		
9.0	.092	.044	.012	.089	.044	.012	.085	.042	.012	.081	.041	.012	.077	.039	.011		
10.0	.087	.042	.012	.085	.041	.012	.081	.040	.011	.078	.039	.011	.074	.037	.011		

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	.166	.161	.151	.143	.110	.104	.099	.063	.060	.057	.020	.019	.019	
2.0	.171	.151	.135	.146	.130	.117	.100	.090	.081	.058	.052	.048	.019	.017	.016	
3.0	.157	.132	.113	.134	.114	.098	.092	.079	.069	.053	.046	.040	.017	.015	.013	
4.0	.145	.117	.096	.124	.101	.083	.085	.071	.059	.049	.041	.035	.016	.013	.011	
5.0	.134	.105	.083	.115	.091	.072	.079	.063	.051	.046	.037	.030	.015	.012	.010	
6.0	.126	.095	.073	.108	.082	.064	.074	.058	.045	.043	.034	.027	.014	.011	.009	
7.0	.118	.087	.066	.101	.076	.057	.070	.053	.040	.041	.031	.024	.013	.010	.008	
8.0	.111	.080	.059	.096	.070	.052	.066	.049	.037	.039	.029	.022	.012	.009	.007	
9.0	.106	.075	.054	.091	.065	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
10.0	.101	.070	.050	.087	.061	.044	.060	.043	.031	.035	.025	.018	.011	.008	.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 19.7D 3000K CRI93 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-11					TYPE:19.7D			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	16.4	17.1	16.6	17.3	17.5	16.6	17.3	16.8	17.5	17.7	
	3H	17.0	17.6	17.2	17.8	18.1	17.2	17.9	17.5	18.1	18.3
	4H	17.0	17.6	17.3	17.9	18.1	17.3	17.9	17.6	18.1	18.4
	6H	16.9	17.5	17.2	17.8	18.1	17.2	17.8	17.5	18.1	18.4
	8H	16.9	17.4	17.2	17.7	18.0	17.2	17.7	17.5	18.0	18.3
	12H	16.8	17.4	17.2	17.7	18.0	17.1	17.7	17.5	18.0	18.3
4H	2H	16.7	17.3	17.0	17.5	17.8	16.9	17.5	17.2	17.7	18.0
	3H	17.3	17.9	17.7	18.2	18.5	17.5	18.1	17.9	18.4	18.7
	4H	17.4	17.9	17.7	18.2	18.5	17.6	18.1	18.0	18.4	18.8
	6H	17.3	17.7	17.7	18.1	18.5	17.5	18.0	18.0	18.4	18.7
	8H	17.2	17.6	17.6	18.0	18.4	17.5	17.9	17.9	18.3	18.7
	12H	17.2	17.5	17.6	18.0	18.4	17.4	17.8	17.9	18.2	18.7
8H	4H	17.3	17.7	17.7	18.1	18.5	17.5	17.9	17.9	18.3	18.7
	6H	17.2	17.5	17.6	18.0	18.4	17.4	17.8	17.9	18.2	18.7
	8H	17.1	17.4	17.6	17.9	18.4	17.4	17.7	17.9	18.1	18.6
	12H	17.1	17.3	17.6	17.8	18.3	17.3	17.6	17.8	18.1	18.6
12H	4H	17.2	17.6	17.7	18.0	18.4	17.5	17.8	17.9	18.3	18.7
	6H	17.1	17.4	17.6	17.9	18.4	17.4	17.7	17.9	18.1	18.6
	8H	17.1	17.3	17.6	17.8	18.3	17.3	17.6	17.8	18.1	18.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 1.0					+ 0.7 / - 0.9					
1.5H	+ 0.8 / - 0.6					+ 1.0 / - 0.6					
2.0H	+ 1.1 / - 0.9					+ 1.1 / - 1.0					

CIE Pub.117, 1670 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.8)

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:

TL0020-11 36V500mA CXA1820-30G-H-NOY 19.7D 3000K CRI93 NA

UTILIZATION FACTORS TABLE

NAME: TLO020-11	TYPE:19.7D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	97	92	88	96	91	87	95	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	106	102	99	102	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	108	111	108	106	106	105	103	95
5.00	114	112	110	112	110	108	107	106	105	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHR NOM = 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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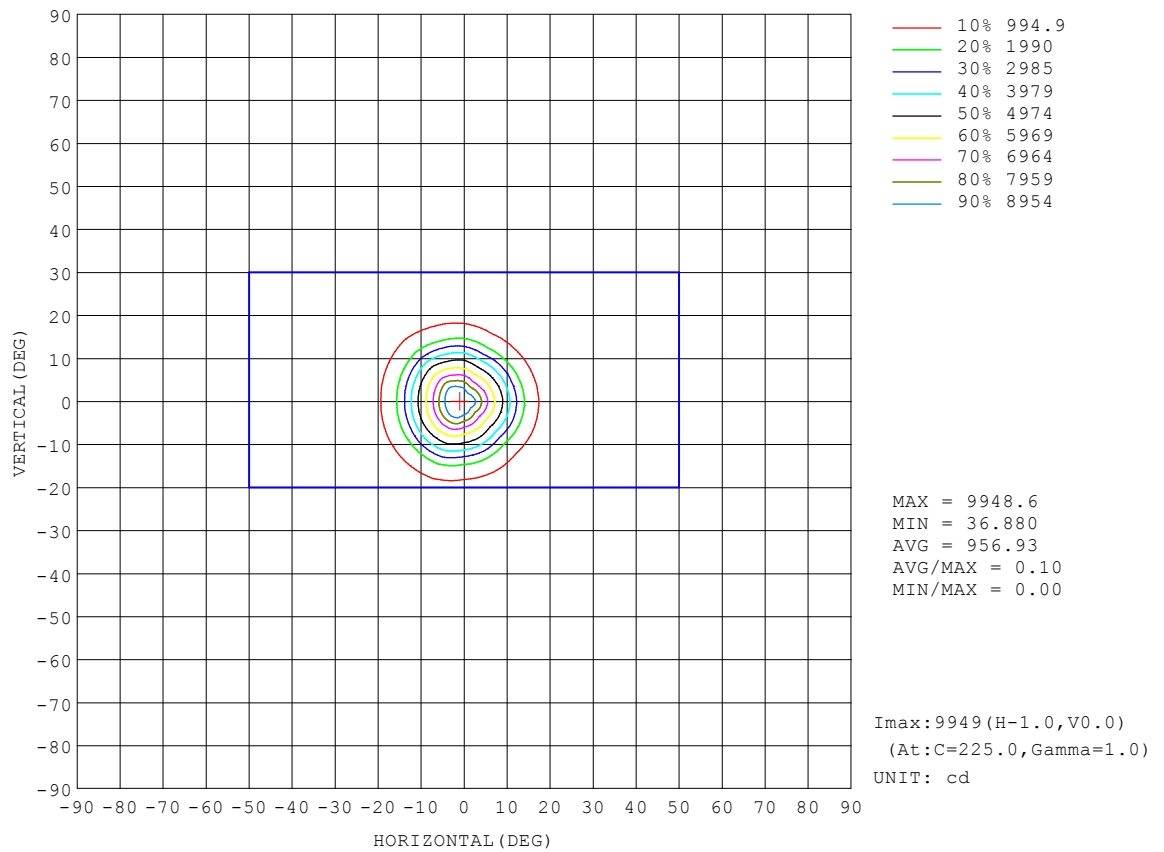
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO020-11 36V500mA CXA1820-30G-H-NOY 19.7D 3000K CRI93 NA

ISOCANDELA DIAGRAM

NAME: TLO020-11	TYPE:19.7D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



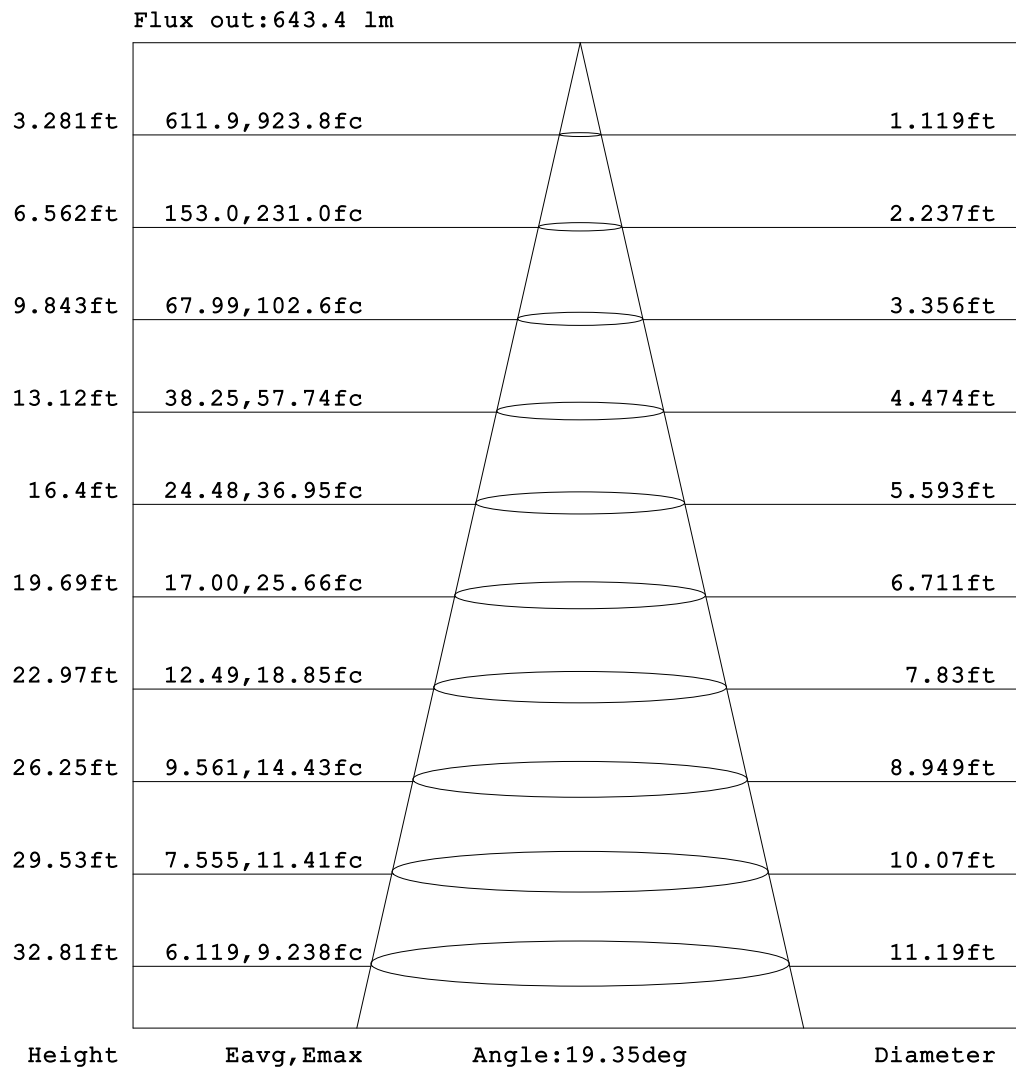
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-09

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 19.7D 3000K CRI93 NA

AAI Figure

NAME: TLO020-11	TYPE:19.7D	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.

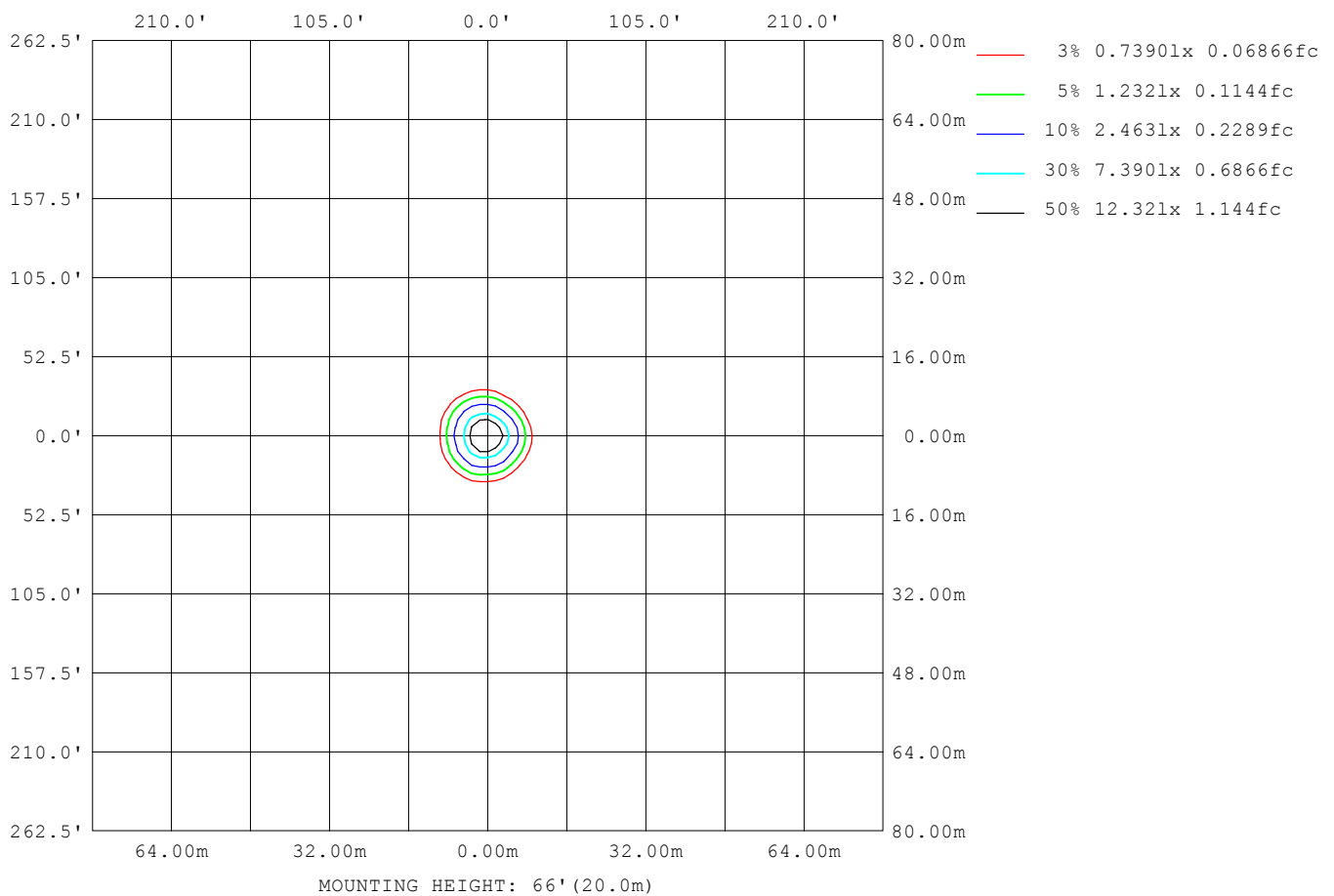
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Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-11 36V500mA CXA1820-30G-H-NOY 19.7D 3000K CRI93 NA

ISOLUX DIAGRAM

NAME: TLO020-11	TYPE:19.7D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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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%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-11 36V500mA CXA1820-30G-H-NOY 19.7D 3000K CRI93 NA

LED Avg.L Report

NAME: TLO020-11	TYPE:19.7D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

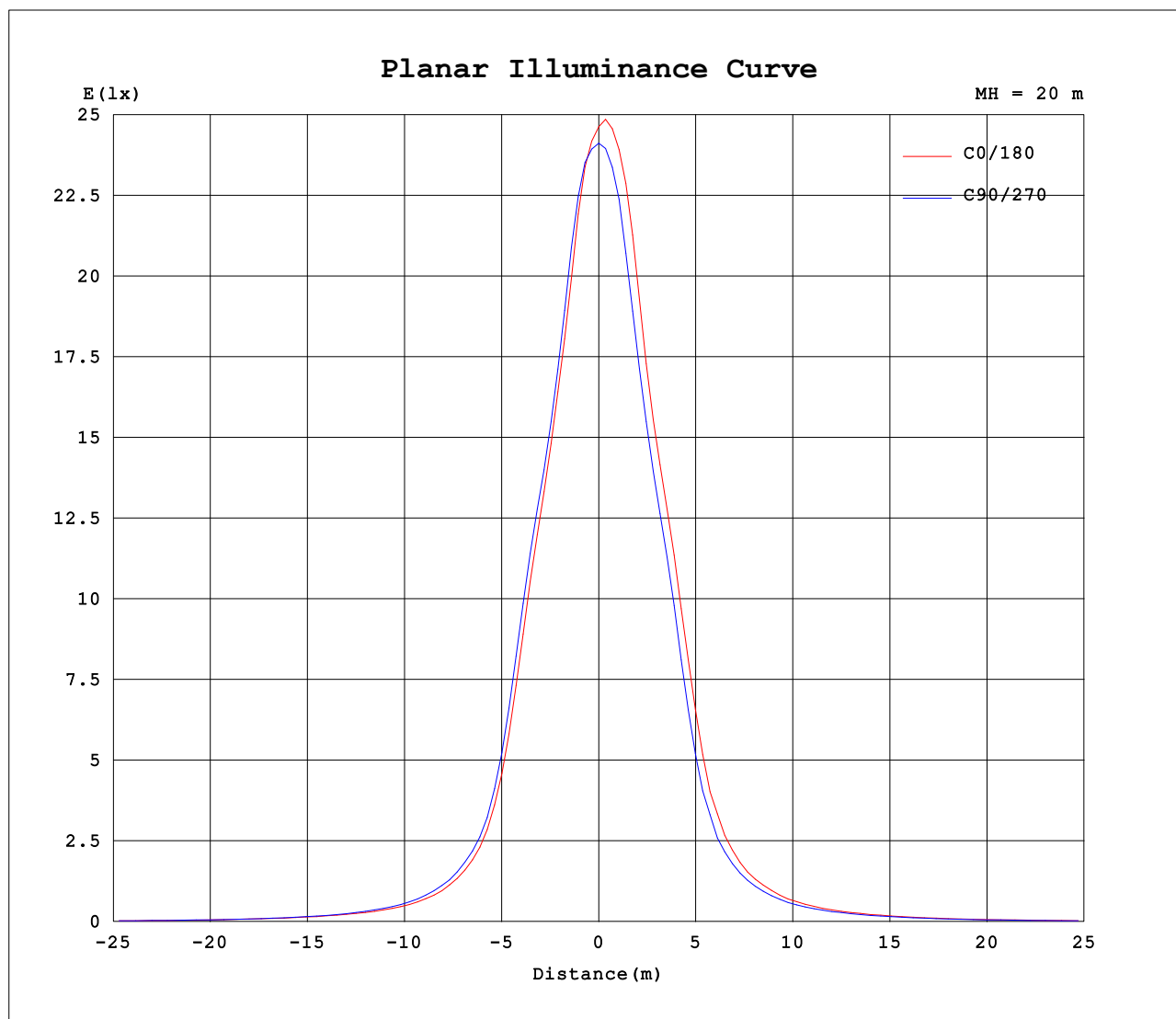
AvgL	cd/m2
L_0~180 (65) av	21251
L_0~180 (75) av	8927
L_0~180 (85) av	1771
L_90~270 (65) av	21639
L_90~270 (75) av	9017
L_90~270 (85) av	1812
L_45 (65) av	21419
L_45 (75) av	9044
L_45 (85) av	1770

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

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 19.7D 3000K CRI93 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-11	TYPE:19.7D	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	9716	9716	9716	9716	9716	9716	9716	9716	9716	9716	9716	9716	9716	9716	9716	9716			
5	7207	7076	6949	7337	7715	8569	8729	8655	8489	8593	8805	8124	7710	7071	6933	7102			
10	4356	4243	4076	4468	4814	5354	5399	5382	5278	5371	5517	5025	4763	4187	4100	4205			
15	1587	1580	1427	1754	1844	2367	2377	2342	2267	2374	2469	2024	1811	1461	1472	1477			
20	638	649	634	704	751	898	902	913	875	914	961	815	734	620	608	619			
25	325	336	336	366	383	439	449	449	438	455	473	414	377	320	313	313			
30	198	203	203	217	228	258	258	255	254	267	274	246	223	197	191	190			
35	131	134	133	140	146	160	161	160	163	169	174	157	145	131	127	126			
40	91.1	91.5	92.5	96.6	99.3	106	109	109	110	112	117	108	99.7	91.4	88.2	89.4			
45	66.8	67.0	68.0	69.8	72.5	77.0	77.3	77.5	78.9	80.2	82.3	77.4	72.7	66.8	63.8	64.8			
50	50.6	51.0	50.9	52.2	54.7	58.1	57.6	57.7	58.8	60.0	60.8	57.3	54.5	51.2	49.1	49.3			
55	39.9	40.1	40.2	41.1	42.6	44.9	44.6	44.8	45.8	46.5	46.3	43.9	42.6	40.3	39.1	39.2			
60	31.1	31.2	31.1	32.5	33.7	35.3	34.9	35.1	35.1	35.5	35.8	34.4	33.5	31.6	30.7	30.8			
65	21.3	21.1	20.6	22.1	23.1	25.1	25.0	24.8	24.5	25.0	25.8	24.6	23.6	21.6	20.9	20.7			
70	12.8	12.5	12.0	13.4	14.2	16.1	16.0	16.0	15.6	15.8	16.6	15.5	14.7	12.8	12.4	12.4			
75	4.79	4.68	4.28	5.22	5.91	7.39	7.47	7.45	6.99	7.27	7.67	6.77	5.99	4.63	4.46	4.55			
80	0.58	0.54	0.46	0.74	1.03	1.86	1.90	1.91	1.64	1.81	2.01	1.47	1.08	0.49	0.44	0.48			
85	0.43	0.43	0.44	0.44	0.43	0.44	0.42	0.42	0.36	0.35	0.35	0.36	0.37	0.36	0.37	0.34			
90	0.47	0.50	0.50	0.50	0.48	0.48	0.45	0.46	0.41	0.38	0.40	0.40	0.44	0.43	0.44	0.42			
95	0.58	0.59	0.60	0.60	0.57	0.56	0.53	0.54	0.51	0.49	0.50	0.50	0.54	0.55	0.56	0.53			
100	0.71	0.72	0.73	0.72	0.70	0.67	0.64	0.65	0.63	0.60	0.62	0.63	0.67	0.67	0.68	0.66			
105	0.86	0.87	0.89	0.87	0.84	0.80	0.78	0.78	0.76	0.74	0.76	0.77	0.80	0.82	0.82	0.81			
110	1.06	1.08	1.10	1.06	1.02	0.97	0.94	0.94	0.91	0.90	0.91	0.94	0.97	1.00	1.00	0.99			
115	1.36	1.38	1.42	1.34	1.28	1.20	1.16	1.16	1.12	1.11	1.12	1.17	1.20	1.27	1.27	1.26			
120	1.85	1.89	1.94	1.81	1.71	1.56	1.51	1.52	1.45	1.46	1.46	1.54	1.60	1.73	1.74	1.71			
125	2.85	2.91	3.03	2.75	2.55	2.28	2.19	2.22	2.13	2.11	2.12	2.26	2.40	2.68	2.72	2.63			
130	5.06	5.17	5.40	4.89	4.51	3.93	3.80	3.88	3.70	3.65	3.61	3.94	4.23	4.81	4.87	4.69			
135	8.76	8.95	9.31	8.58	8.01	7.13	6.92	7.04	6.73	6.57	6.55	7.04	7.59	8.48	8.63	8.22			
140	13.7	13.9	14.3	13.6	12.9	11.8	11.5	11.6	11.3	11.1	11.1	11.7	12.4	13.5	13.6	13.1			
145	18.4	18.5	19.0	18.4	17.9	16.9	16.6	16.6	16.2	16.1	16.1	16.7	17.4	18.3	18.4	17.9			
150	21.9	22.0	22.3	22.0	21.7	21.0	20.6	20.6	20.3	20.2	20.4	20.9	21.4	22.1	22.0	21.6			
155	23.7	23.7	23.9	24.0	23.9	23.6	23.2	22.9	22.8	22.6	23.1	23.4	23.8	24.1	23.8	23.5			
160	23.7	23.6	23.8	24.4	24.6	24.5	23.9	23.3	23.4	23.1	23.7	24.2	24.5	24.4	23.7	23.6			
165	21.5	21.4	21.8	22.6	23.0	23.5	22.7	21.8	21.8	21.7	22.4	22.9	23.0	22.4	21.4	21.3			
170	17.6	17.7	17.7	18.8	19.5	20.3	19.4	19.1	18.7	19.0	19.2	19.1	19.0	18.2	17.5	17.5			
175	14.0	14.0	14.4	14.7	15.1	15.8	15.7	15.3	14.9	15.2	15.7	15.1	14.8	14.5	14.2	13.9			
180	12.8	12.9	13.5	13.1	13.2	13.2	13.4	12.9	12.8	12.9	13.5	13.2	13.2	13.2	13.4	12.8			

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