

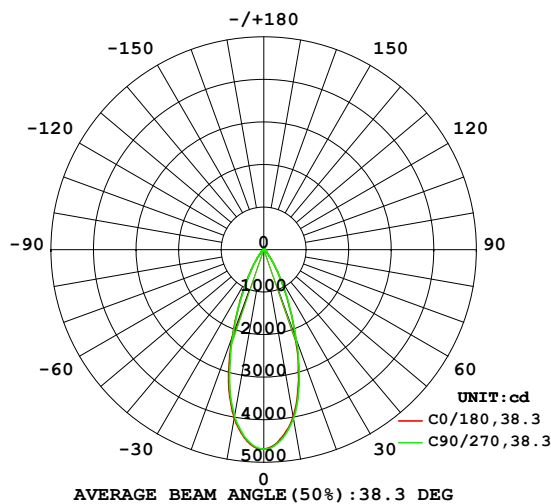
TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

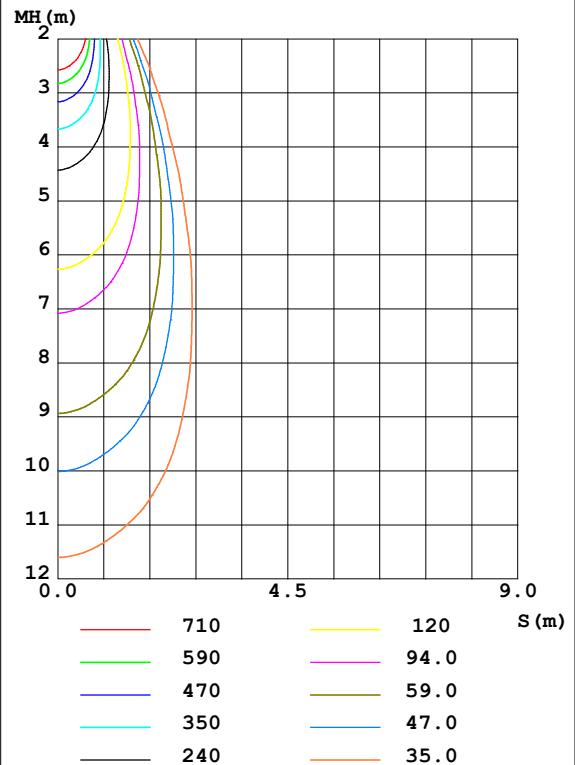
NAME: TLO030-11	TYPE: 38.3D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.49 lm/W
MODEL		I _{max} (cd)	4713	S/MH (C0/180)	0.62	
NOMINAL POWER (W)	30	LOR (%)	100.0	S/MH (C90/270)	0.61	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2358.4	η UP, DN (C0-180)	1.2, 50.8	
NOMINAL FLUX (lm)	2358.37	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 46.8	
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	120	η down (%)	97.6	CIBSE SHR MAX	0.65	

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:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 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	3984	3936	4031	4152	4014	4063	3970	3864	0- 10	413.8	413.8	17.5,17.5
20	2181	2114	2236	2414	2175	2226	2108	1988	10- 20	864.8	1279	54.2,54.2
30	768.9	750.6	787.5	851.6	723.2	740.3	696.0	659.4	20- 30	620.8	1899	80.5,80.5
40	217.1	210.6	213.6	229.3	185.4	187.6	167.7	163.2	30- 40	259.2	2159	91.5,91.5
50	66.85	68.53	63.99	65.70	60.66	61.04	52.40	52.21	40- 50	85.17	2244	95.1,95.1
60	26.63	26.37	26.11	27.03	25.82	26.54	23.69	22.97	50- 60	35.99	2280	96.7,96.7
70	8.449	7.861	9.095	10.95	8.993	9.319	7.888	6.858	60- 70	17.09	2297	97.4,97.4
80	0.7143	0.5987	0.9758	1.481	0.8623	0.9179	0.6394	0.4010	70- 80	4.166	2301	97.6,97.6
90	0.5514	0.5532	0.5398	0.5250	0.4792	0.4610	0.4803	0.4810	80- 90	0.5484	2302	97.6,97.6
100	0.7819	0.7867	0.7453	0.7286	0.7365	0.7126	0.7306	0.7382	90-100	0.6655	2302	97.6,97.6
110	1.493	1.522	1.410	1.368	1.454	1.419	1.455	1.504	100-110	1.084	2303	97.7,97.7
120	3.797	3.891	3.600	3.444	3.671	3.577	3.719	3.932	110-120	2.352	2306	97.8,97.8
130	9.188	9.392	8.878	8.498	8.831	8.633	9.010	9.483	120-130	5.378	2311	98,98
140	17.40	17.66	17.15	16.49	16.94	16.68	17.24	17.82	130-140	9.897	2321	98.4,98.4
150	25.60	25.96	25.68	25.14	25.40	25.31	25.74	25.94	140-150	13.42	2334	99,99
160	29.17	29.63	30.17	29.88	29.75	29.91	30.19	29.30	150-160	12.99	2347	99.5,99.5
170	27.77	27.94	28.97	29.08	28.74	28.88	28.79	27.54	160-170	8.349	2356	99.9,99.9
180	27.49	27.91	28.00	28.01	27.54	27.91	27.99	28.03	170-180	2.668	2358	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

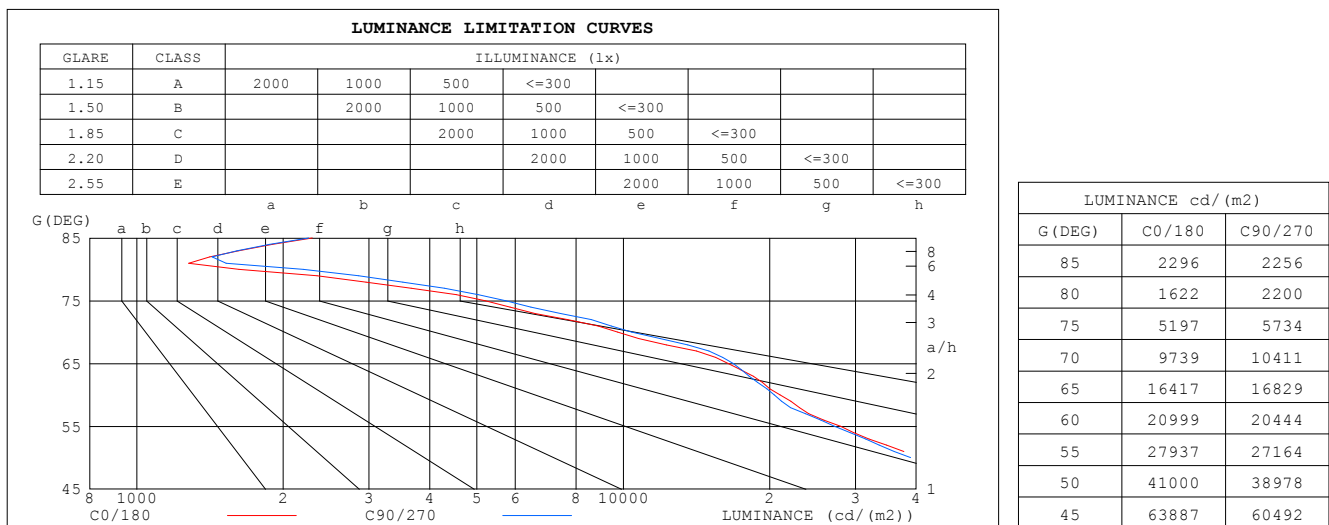
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

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:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO030-11	TYPE: 38.3D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:



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

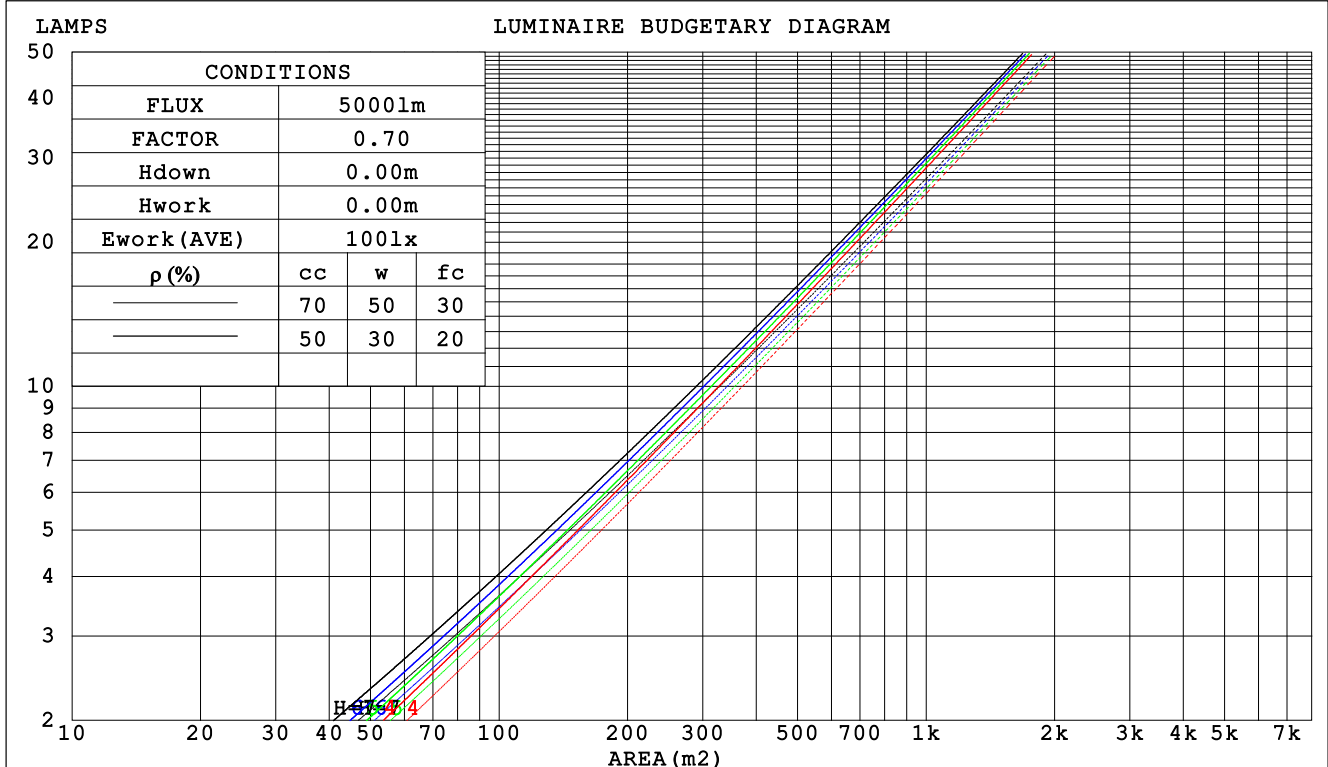
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO030-11	TYPE:38.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	.00	.99	.97	.96	.95	.94	.92
2.0	1.04	1.00	.97	1.02	.99	.96	.98	.96	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.98	.93	.89	.96	.92	.89	.93	.90	.87	.90	.88	.85	.88	.86	.84	.82
4.0	.92	.87	.83	.91	.86	.83	.88	.85	.81	.86	.83	.80	.84	.81	.79	.78
5.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.82	.79	.76	.81	.77	.75	.74
6.0	.83	.77	.74	.82	.77	.73	.80	.76	.73	.79	.75	.72	.77	.74	.71	.70
7.0	.79	.73	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.74	.70	.68	.66
8.0	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.71	.67	.65	.63
9.0	.72	.66	.63	.71	.66	.63	.70	.65	.62	.69	.65	.62	.68	.64	.62	.60
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.65	.62	.59	.58



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:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO030-11	TYPE:38.3D	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	.166	.095	.030	.159	.091	.029	.145	.083	.027	.132	.076	.025	.121	.070	.023		
2.0	.158	.086	.027	.151	.083	.026	.140	.078	.024	.129	.072	.023	.119	.067	.021		
3.0	.149	.079	.024	.144	.077	.023	.134	.072	.022	.124	.068	.021	.116	.064	.020		
4.0	.141	.073	.022	.136	.071	.021	.128	.068	.020	.120	.064	.019	.112	.061	.019		
5.0	.134	.068	.020	.130	.067	.019	.122	.064	.019	.115	.061	.018	.108	.058	.017		
6.0	.127	.064	.018	.124	.062	.018	.117	.060	.017	.111	.057	.017	.105	.055	.016		
7.0	.121	.060	.017	.118	.059	.017	.112	.057	.016	.106	.055	.016	.101	.053	.015		
8.0	.116	.057	.016	.113	.056	.016	.108	.054	.015	.103	.052	.015	.098	.050	.015		
9.0	.111	.054	.015	.108	.053	.015	.103	.051	.014	.099	.050	.014	.095	.048	.014		
10.0	.106	.051	.014	.104	.050	.014	.099	.049	.014	.095	.047	.013	.091	.046	.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	.164	.162	.151	.141	.111	.104	.098	.064	.060	.057	.020	.019	.018		
2.0	.173	.151	.133	.148	.130	.115	.102	.090	.080	.059	.052	.047	.019	.017	.015		
3.0	.160	.132	.110	.137	.114	.095	.094	.079	.067	.054	.046	.039	.017	.015	.013		
4.0	.149	.117	.093	.128	.101	.081	.088	.071	.057	.051	.041	.034	.016	.013	.011		
5.0	.140	.106	.080	.120	.091	.070	.083	.064	.049	.048	.037	.029	.015	.012	.010		
6.0	.132	.096	.071	.113	.083	.061	.078	.058	.043	.045	.034	.026	.015	.011	.009		
7.0	.125	.088	.063	.108	.077	.055	.074	.054	.039	.043	.032	.023	.014	.010	.008		
8.0	.119	.082	.057	.103	.071	.049	.071	.050	.035	.041	.029	.021	.013	.010	.007		
9.0	.114	.077	.052	.098	.067	.045	.068	.047	.032	.040	.028	.019	.013	.009	.006		
10.0	.109	.072	.048	.094	.063	.042	.065	.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:2024-08-30

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:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO030-11					TYPE:38.3D			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	2H	18.1	19.0	18.4	19.2	19.4	18.1	18.9	18.3	19.1	19.3
	3H	18.1	18.9	18.4	19.1	19.3	18.1	18.8	18.3	19.1	19.3
	4H	18.0	18.7	18.3	19.0	19.3	18.0	18.7	18.3	19.0	19.2
	6H	17.9	18.6	18.3	18.9	19.2	17.9	18.6	18.2	18.9	19.2
	8H	17.9	18.5	18.2	18.8	19.1	17.9	18.5	18.2	18.8	19.1
	12H	17.8	18.5	18.2	18.8	19.1	17.8	18.4	18.2	18.7	19.1
4H	2H	18.0	18.7	18.3	19.0	19.2	17.9	18.7	18.3	18.9	19.2
	3H	18.0	18.6	18.3	18.9	19.2	17.9	18.6	18.3	18.9	19.2
	4H	17.9	18.5	18.3	18.8	19.2	17.9	18.4	18.3	18.8	19.1
	6H	17.8	18.3	18.2	18.7	19.1	17.8	18.3	18.2	18.7	19.0
	8H	17.7	18.2	18.2	18.6	19.0	17.7	18.2	18.2	18.6	19.0
	12H	17.7	18.1	18.1	18.5	19.0	17.7	18.1	18.1	18.5	18.9
8H	4H	17.8	18.2	18.2	18.6	19.0	17.7	18.2	18.2	18.6	19.0
	6H	17.6	18.0	18.1	18.5	18.9	17.6	18.0	18.1	18.4	18.9
	8H	17.6	17.9	18.1	18.4	18.9	17.6	17.9	18.1	18.4	18.9
	12H	17.5	17.8	18.0	18.3	18.8	17.5	17.8	18.0	18.3	18.8
12H	4H	17.7	18.1	18.1	18.5	19.0	17.7	18.1	18.1	18.5	19.0
	6H	17.6	17.9	18.1	18.4	18.9	17.6	17.9	18.1	18.4	18.9
	8H	17.5	17.8	18.0	18.3	18.8	17.5	17.8	18.0	18.3	18.8
Variations with the observer position at spacings:											
S = 1.0H		+ 2.5 / - 4.7					+ 2.6 / - 4.6				
1.5H		+ 4.0 / - 3.4					+ 4.1 / - 3.5				
2.0H		+ 3.6 / - 2.6					+ 3.4 / - 2.5				

CIE Pub.117, 2358 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.0)

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:

TL0030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO030-11	TYPE:38.3D	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) x RCR = 5									
k = 0.60	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	79
1.00	98	92	89	97	92	88	95	92	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	104	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	106	102	108	104	101	104	101	99	93
3.00	111	108	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	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: 2024-08-30

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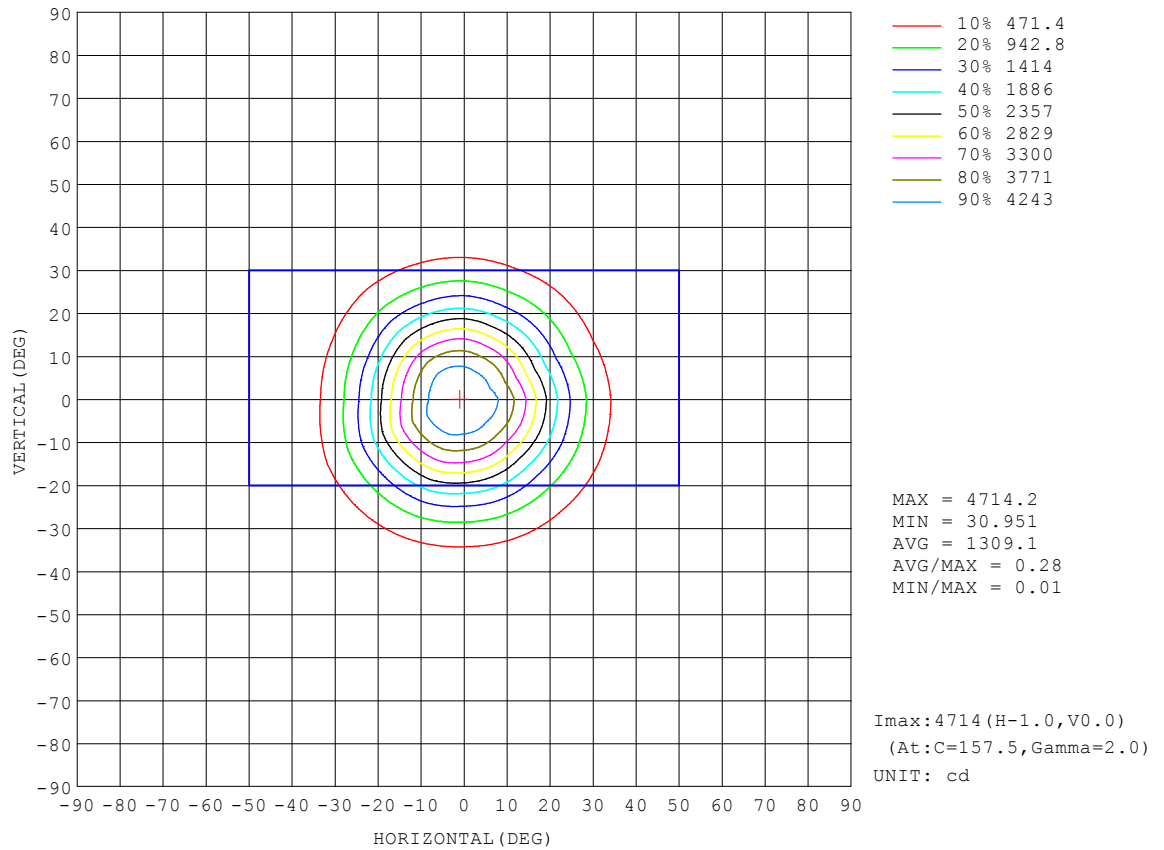
Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO030-11	TYPE: 38.3D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:



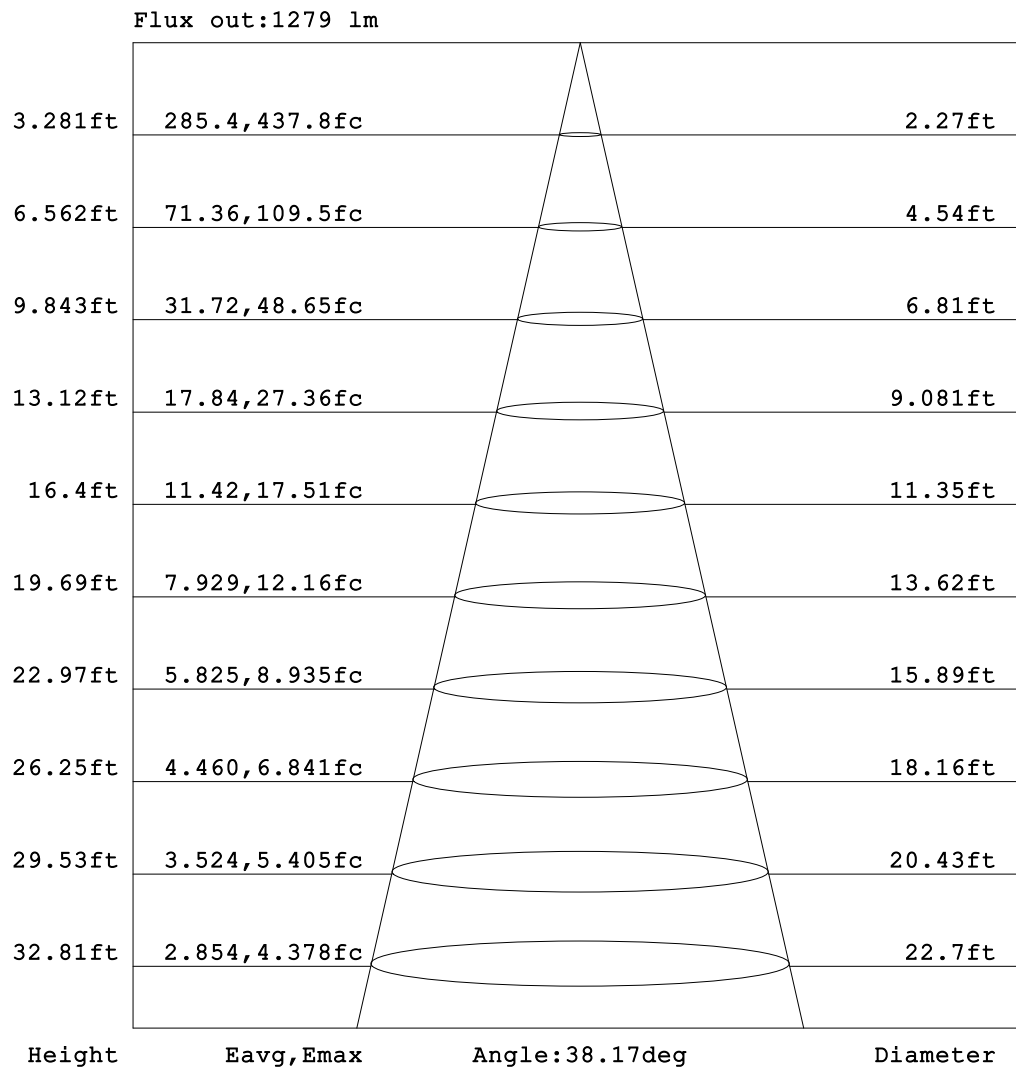
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
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Remarks:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

AAI Figure

NAME: TLO030-11	TYPE:38.3D	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.

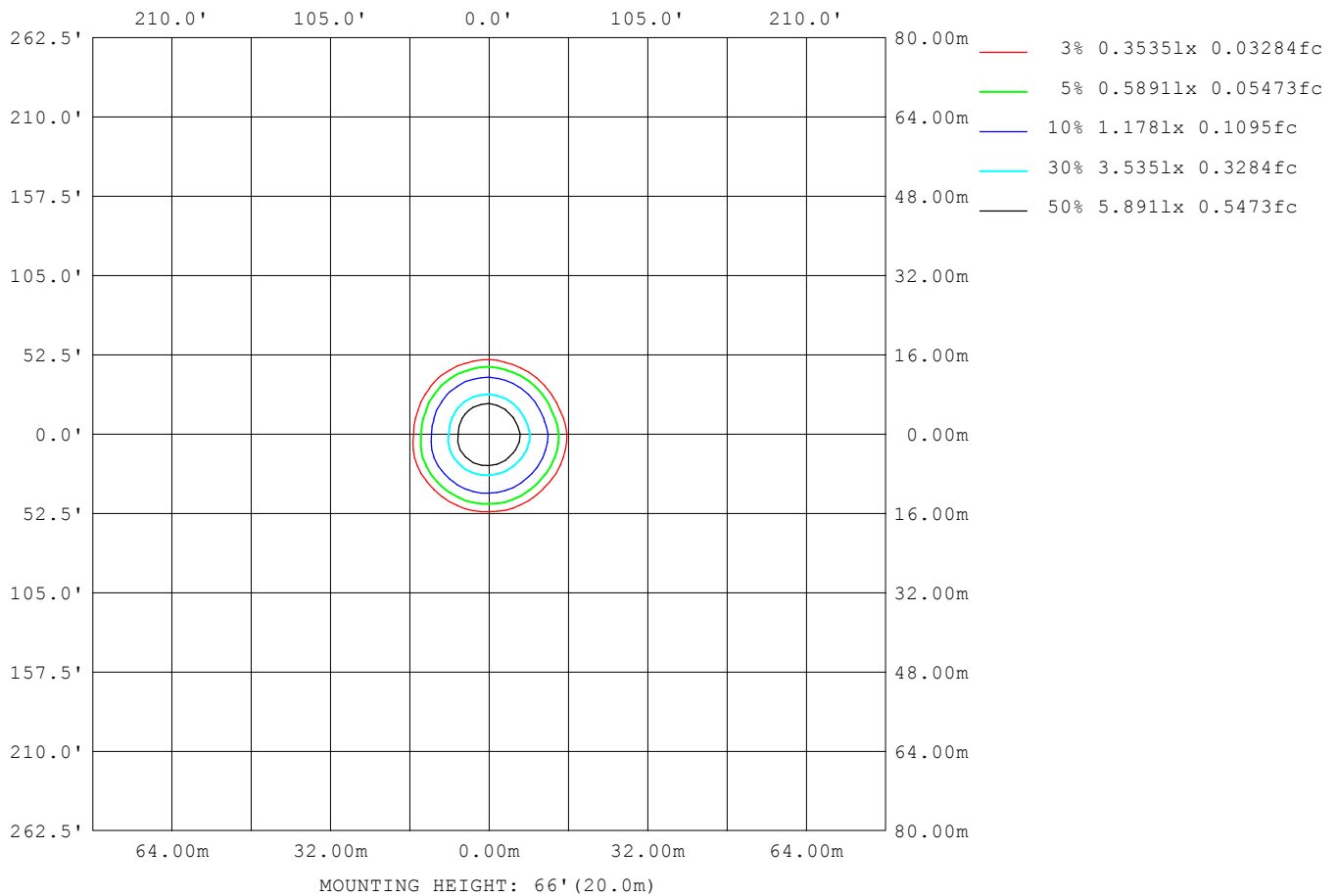
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO030-11	TYPE:38.3D	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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Operators:CJY
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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:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO030-11	TYPE:38.3D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	16412
L_0~180 (75) av	5419
L_0~180 (85) av	2101
L_90~270 (65) av	16121
L_90~270 (75) av	5319
L_90~270 (85) av	2081
L_45 (65) av	16215
L_45 (75) av	5360
L_45 (85) av	2044

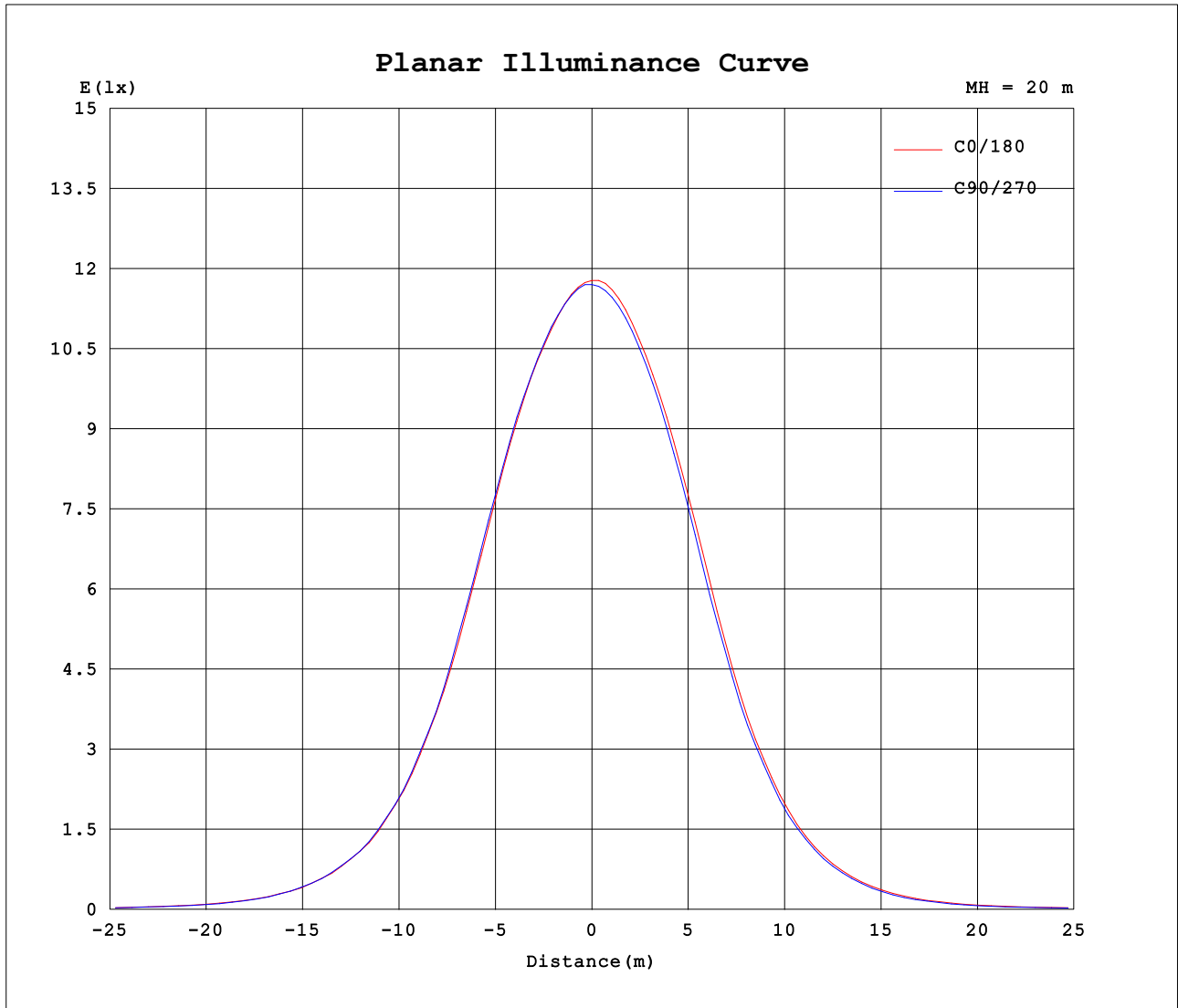
Standard: GB/T 29293-2012

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:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

Planar Illuminance Curve



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

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:

TLO030-11 36V700mA CXA1830-30G-NOY 38.3D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO030-11	TYPE: 38.3D	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	4688	4688	4688	4688	4688	4688	4688	4688	4688	4688	4688	4688	4688	4688	4688	4688			
5	4474	4466	4454	4486	4513	4581	4606	4628	4521	4530	4553	4514	4490	4434	4417	4396			
10	3984	3980	3936	3990	4031	4133	4152	4189	4014	4019	4063	4006	3970	3878	3864	3832			
15	3167	3165	3094	3173	3242	3388	3422	3468	3203	3200	3257	3169	3120	2980	2997	2945			
20	2181	2186	2114	2181	2236	2397	2414	2463	2175	2164	2226	2143	2108	1983	1988	1959			
25	1357	1378	1316	1376	1389	1507	1507	1549	1320	1303	1363	1297	1279	1195	1199	1184			
30	769	785	751	782	788	851	852	871	723	712	740	710	696	649	659	657			
35	427	426	406	426	427	452	457	462	375	369	385	367	356	331	339	349			
40	217	218	211	218	214	224	229	233	185	182	188	178	168	154	163	176			
45	115	117	115	115	109	109	112	119	98.4	97.8	99.1	92.8	85.2	78.6	84.6	93.8			
50	66.9	69.1	68.5	67.3	64.0	63.6	65.7	69.1	60.7	60.9	61.0	56.8	52.4	49.5	52.2	56.0			
55	40.6	42.4	40.6	41.1	39.8	41.3	42.5	44.1	38.9	39.6	40.4	37.7	34.8	32.3	33.4	34.3			
60	26.6	27.4	26.4	26.8	26.1	26.3	27.0	28.0	25.8	26.0	26.5	25.2	23.7	22.3	23.0	23.6			
65	17.6	18.0	17.1	18.1	18.2	18.8	19.0	19.7	17.8	17.9	18.2	17.4	16.6	15.6	15.6	15.3			
70	8.45	8.52	7.86	8.76	9.09	10.7	10.9	11.5	8.99	8.96	9.32	8.49	7.89	6.98	6.86	6.76			
75	3.41	3.40	3.03	3.53	3.79	4.50	4.71	4.86	3.74	3.74	3.89	3.54	3.23	2.73	2.53	2.46			
80	0.71	0.72	0.60	0.83	0.98	1.32	1.48	1.53	0.86	0.88	0.92	0.79	0.64	0.47	0.40	0.40			
85	0.51	0.51	0.50	0.51	0.50	0.50	0.50	0.51	0.43	0.40	0.41	0.40	0.42	0.40	0.41	0.40			
90	0.55	0.57	0.55	0.57	0.54	0.55	0.53	0.55	0.48	0.45	0.46	0.45	0.48	0.46	0.48	0.47			
95	0.65	0.66	0.65	0.65	0.63	0.63	0.60	0.63	0.58	0.55	0.56	0.55	0.58	0.56	0.59	0.57			
100	0.78	0.79	0.79	0.78	0.75	0.74	0.73	0.76	0.74	0.71	0.71	0.71	0.73	0.72	0.74	0.73			
105	1.03	1.03	1.04	1.01	0.98	0.95	0.95	0.98	0.99	0.98	0.96	0.97	0.99	0.99	1.01	1.01			
110	1.49	1.49	1.52	1.45	1.41	1.35	1.37	1.39	1.45	1.46	1.42	1.44	1.46	1.51	1.50	1.53			
115	2.35	2.31	2.41	2.27	2.23	2.11	2.14	2.14	2.27	2.30	2.22	2.27	2.29	2.42	2.40	2.45			
120	3.80	3.76	3.89	3.70	3.60	3.43	3.44	3.45	3.67	3.67	3.58	3.64	3.72	3.91	3.93	3.97			
125	6.08	6.01	6.21	5.93	5.80	5.50	5.54	5.49	5.81	5.84	5.66	5.80	5.94	6.24	6.29	6.36			
130	9.19	9.14	9.39	9.04	8.88	8.50	8.50	8.39	8.83	8.81	8.63	8.78	9.01	9.44	9.48	9.58			
135	13.1	13.0	13.3	12.9	12.7	12.3	12.2	12.1	12.6	12.5	12.4	12.6	12.9	13.3	13.4	13.5			
140	17.4	17.4	17.7	17.3	17.1	16.6	16.5	16.4	16.9	16.9	16.7	16.9	17.2	17.7	17.8	17.9			
145	21.8	21.8	22.1	21.8	21.7	21.1	21.0	20.9	21.4	21.4	21.2	21.5	21.7	22.2	22.2	22.3			
150	25.6	25.6	26.0	25.8	25.7	25.3	25.1	25.0	25.4	25.4	25.3	25.6	25.7	26.1	25.9	26.0			
155	28.2	28.3	28.6	28.7	28.8	28.5	28.3	28.2	28.4	28.3	28.4	28.7	28.8	28.8	28.5	28.3			
160	29.2	29.3	29.6	30.0	30.2	30.1	29.9	29.8	29.7	29.7	29.9	30.2	30.2	29.9	29.3	29.0			
165	28.8	28.8	29.3	29.8	30.0	30.1	30.0	29.9	29.6	29.7	29.8	30.1	29.9	29.5	28.7	28.3			
170	27.8	27.8	27.9	28.5	29.0	29.0	29.1	29.2	28.7	29.0	28.9	28.8	28.8	28.2	27.5	27.3			
175	27.0	27.0	27.4	27.5	27.8	28.1	28.4	28.2	27.8	28.1	28.4	28.0	27.9	27.6	27.3	26.8			
180	27.5	27.5	27.9	27.7	28.0	27.8	28.0	27.5	27.5	27.5	27.9	27.7	28.0	27.8	28.0	27.5			

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