

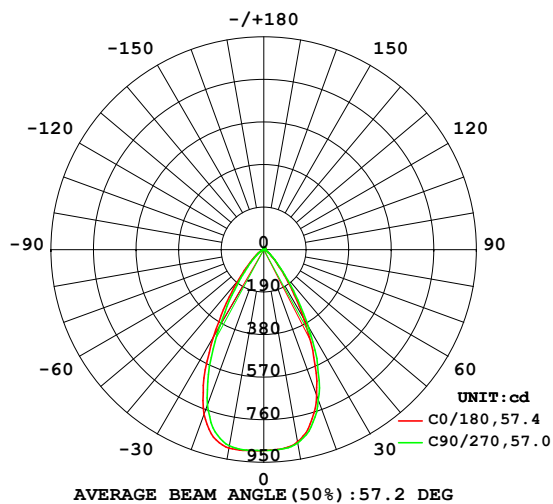
TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

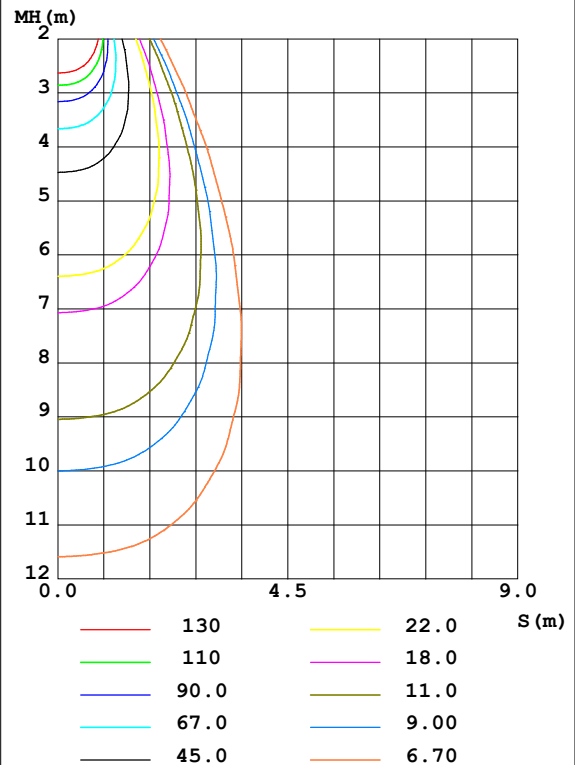
NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 89.17 lm/W
MODEL		I _{max} (cd)	901.6	S/MH (C0/180)	0.89	
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	0.85	
RATED VOLTAGE (V)	110	TOTAL FLUX (lm)	874.37	η UP, DN (C0-180)	1.2, 48.6	
NOMINAL FLUX (lm)	874.358	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 49.0	
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	0.75	
TEST VOLTAGE (V)	110	η down (%)	97.6	CIBSE SHR MAX	0.90	

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: 2024-08-15

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 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	871.4	860.3	876.5	896.0	899.5	897.9	889.0	872.4	0- 10	85.19	85.19	9.74,9.74
20	690.0	667.1	714.1	783.5	781.2	787.0	738.9	677.1	10- 20	231.2	316.3	36.2,36.2
30	362.8	340.9	401.4	470.9	453.8	458.8	396.2	341.4	20- 30	260.4	576.7	66,66
40	131.7	121.5	146.2	186.3	174.3	179.7	148.6	121.9	30- 40	161.6	738.3	84.4,84.4
50	45.90	42.72	50.45	64.52	61.28	61.14	50.68	43.16	40- 50	70.59	808.9	92.5,92.5
60	18.14	16.97	20.71	25.15	24.14	24.69	21.15	16.75	50- 60	30.59	839.5	96,96
70	4.266	3.920	5.496	7.145	6.505	6.866	5.363	3.612	60- 70	11.78	851.3	97.4,97.4
80	0.2291	0.2274	0.2390	0.3812	0.4002	0.2902	0.2918	0.2043	70- 80	2.085	853.4	97.6,97.6
90	0.2465	0.2536	0.2387	0.2301	0.2027	0.1987	0.2146	0.2347	80- 90	0.2411	853.6	97.6,97.6
100	0.4753	0.4830	0.4329	0.3803	0.3614	0.3423	0.3982	0.4585	90-100	0.3325	853.9	97.7,97.7
110	1.058	1.087	0.9387	0.8070	0.7715	0.7378	0.8586	1.032	100-110	0.6600	854.6	97.7,97.7
120	2.306	2.362	2.085	1.817	1.748	1.683	1.931	2.259	110-120	1.389	856.0	97.9,97.9
130	4.201	4.286	3.930	3.532	3.423	3.331	3.694	4.143	120-130	2.559	858.5	98.2,98.2
140	6.364	6.466	6.117	5.641	5.548	5.452	5.854	6.292	130-140	3.752	862.3	98.6,98.6
150	8.230	8.368	8.175	7.726	7.604	7.557	7.919	8.137	140-150	4.370	866.7	99.1,99.1
160	9.277	9.490	9.476	9.190	9.033	9.064	9.304	9.269	150-160	3.998	870.7	99.6,99.6
170	9.940	10.05	10.12	10.02	9.937	9.975	10.03	9.982	160-170	2.727	873.4	99.9,99.9
180	10.54	10.70	10.60	10.69	10.56	10.71	10.61	10.70	170-180	0.9788	874.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

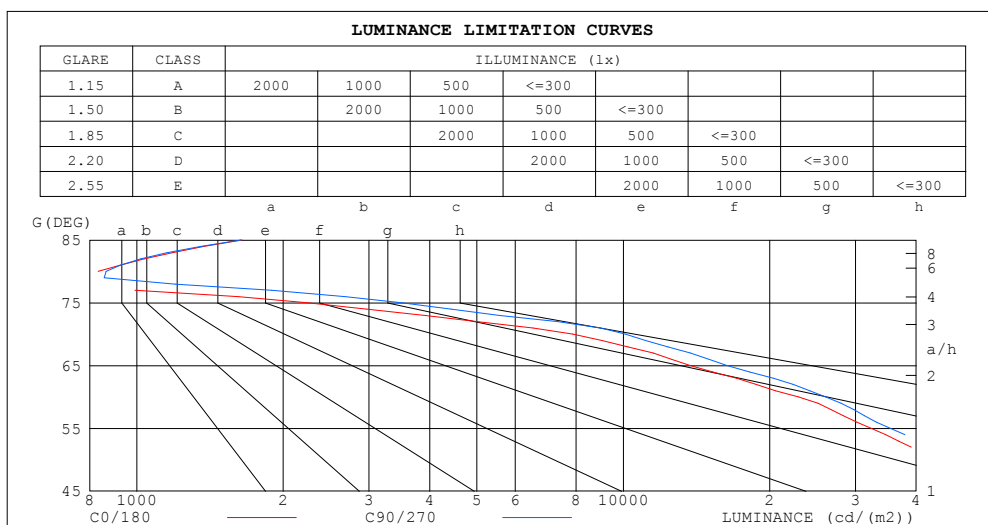
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-15

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1647	1637
80	833	865
75	2240	3495
70	7873	10104
65	13712	16325
60	22901	26047
55	32290	35377
50	45078	49353
45	68015	74730

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

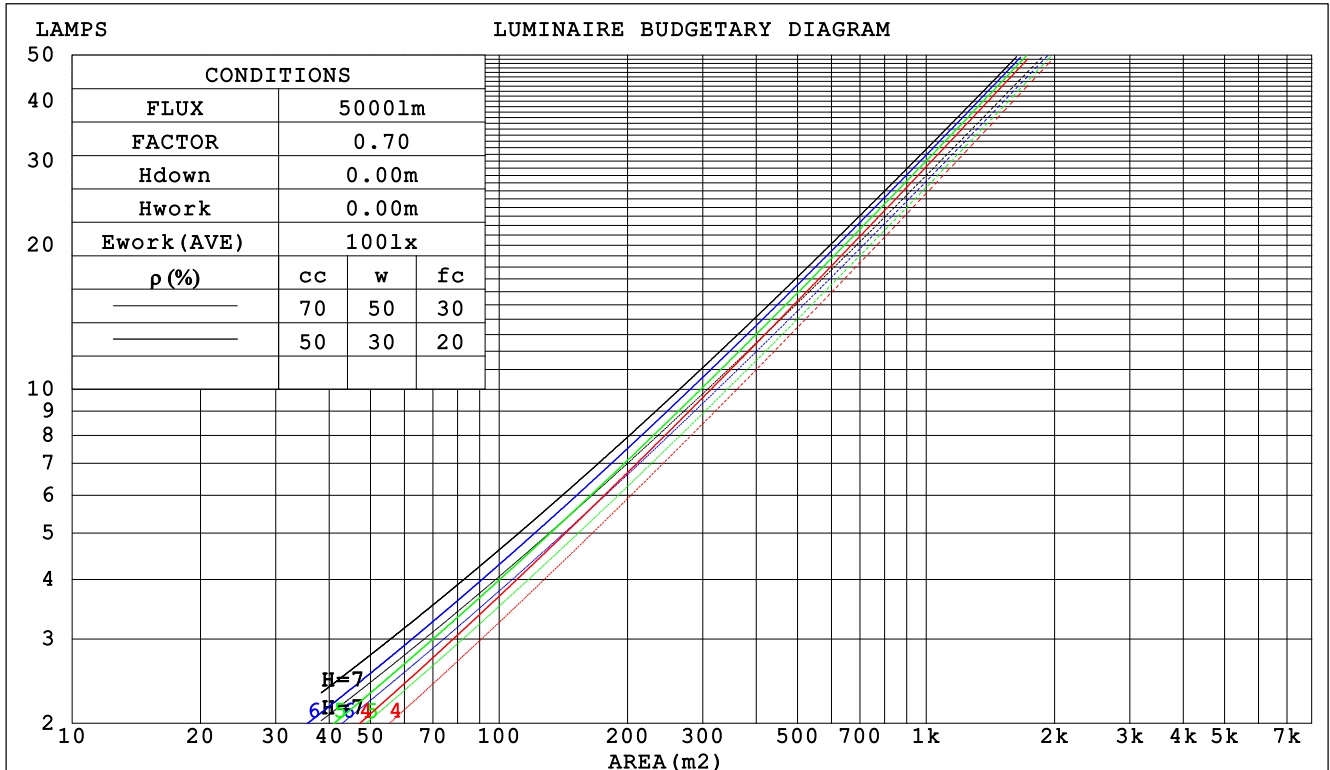
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.97	.94	.99	.96	.92	.96	.93	.90	.92	.90	.88	.89	.87	.85	.84
3.0	.94	.89	.85	.92	.88	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.81	.77	.86	.81	.76	.84	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.81	.75	.71	.80	.75	.70	.78	.73	.69	.76	.72	.69	.74	.71	.68	.66
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.70	.66	.63	.62
7.0	.71	.65	.61	.71	.65	.60	.69	.64	.60	.68	.63	.59	.66	.62	.59	.57
8.0	.67	.61	.57	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.58	.55	.54
9.0	.63	.57	.53	.63	.57	.53	.61	.56	.52	.60	.56	.52	.59	.55	.52	.50
10.0	.60	.54	.50	.59	.53	.49	.58	.53	.49	.57	.52	.49	.56	.52	.49	.47



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO010-21	TYPE:57.2D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:45	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	.188	.107	.034	.181	.103	.033	.167	.096	.031	.154	.089	.029	.142	.082	.027		
2.0	.181	.099	.030	.175	.096	.030	.163	.091	.028	.152	.085	.027	.142	.080	.025		
3.0	.173	.092	.028	.167	.090	.027	.157	.085	.026	.147	.081	.025	.138	.077	.024		
4.0	.164	.085	.025	.159	.083	.025	.150	.080	.024	.142	.076	.023	.134	.073	.022		
5.0	.156	.080	.023	.152	.078	.023	.144	.075	.022	.137	.072	.021	.130	.069	.021		
6.0	.149	.074	.021	.145	.073	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020		
7.0	.142	.070	.020	.138	.069	.020	.132	.067	.019	.126	.065	.019	.120	.063	.018		
8.0	.135	.066	.019	.132	.065	.018	.126	.063	.018	.121	.061	.018	.116	.060	.017		
9.0	.129	.062	.017	.126	.062	.017	.121	.060	.017	.116	.058	.017	.112	.057	.016		
10.0	.123	.059	.016	.121	.058	.016	.116	.057	.016	.112	.056	.016	.108	.054	.016		

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	.190	.175	.162	.163	.151	.140	.111	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.154	.118	.090	.133	.102	.078	.091	.071	.055	.053	.041	.032	.017	.014	.011	
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.067	.119	.084	.058	.082	.059	.041	.048	.035	.025	.015	.011	.008	
7.0	.133	.090	.060	.114	.078	.052	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.127	.084	.054	.109	.073	.047	.076	.051	.033	.044	.030	.020	.014	.010	.007	
9.0	.122	.078	.049	.105	.068	.043	.073	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.117	.074	.046	.101	.064	.040	.070	.045	.028	.041	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-15

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO010-21					TYPE:57.2D					WEIGHT:1				
SPEC.:3000K CRI90					DIM.:					SERIAL No.:				
MFR.:					SUR.:45					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					22.6	23.6	22.8	23.8	24.0	23.0	24.0	23.3	24.2	24.4
3H					22.5	23.4	22.8	23.6	23.9	23.0	23.9	23.3	24.1	24.4
4H					22.4	23.3	22.7	23.5	23.8	22.9	23.7	23.2	24.0	24.3
6H					22.3	23.1	22.6	23.4	23.7	22.8	23.6	23.1	23.9	24.2
8H					22.3	23.0	22.6	23.3	23.6	22.7	23.5	23.1	23.8	24.1
12H					22.2	22.9	22.6	23.3	23.6	22.7	23.4	23.0	23.7	24.1
4H 2H					22.4	23.3	22.8	23.6	23.8	22.9	23.7	23.2	24.0	24.3
3H					22.4	23.1	22.7	23.4	23.7	22.8	23.6	23.2	23.9	24.2
4H					22.3	22.9	22.7	23.3	23.6	22.7	23.4	23.1	23.8	24.1
6H					22.2	22.8	22.6	23.1	23.5	22.6	23.2	23.1	23.6	24.0
8H					22.1	22.7	22.6	23.1	23.5	22.6	23.1	23.0	23.5	23.9
12H					22.1	22.6	22.5	23.0	23.4	22.5	23.0	23.0	23.4	23.9
8H 4H					22.1	22.7	22.6	23.1	23.5	22.6	23.1	23.0	23.5	23.9
6H					22.0	22.5	22.5	22.9	23.4	22.5	22.9	23.0	23.4	23.8
8H					22.0	22.4	22.5	22.8	23.3	22.4	22.8	22.9	23.3	23.8
12H					21.9	22.3	22.4	22.7	23.3	22.4	22.7	22.9	23.2	23.7
12H 4H					22.1	22.6	22.5	23.0	23.4	22.5	23.0	23.0	23.5	23.9
6H					22.0	22.4	22.5	22.8	23.3	22.4	22.8	22.9	23.3	23.8
8H					21.9	22.3	22.4	22.7	23.3	22.4	22.7	22.9	23.2	23.7
Variations with the observer position at spacings:														
S = 1.0H					+ 2.3 / - 4.1					+ 2.5 / - 4.0				
1.5H					+ 3.6 / - 2.9					+ 3.9 / - 3.0				
2.0H					+ 3.8 / - 4.1					+ 4.0 / - 4.0				

CIE Pub.117, 874.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.5)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-15

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:

TL0010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO010-21	TYPE:57.2D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:45	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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	66
0.80	90	83	79	89	83	79	87	82	78	74
1.00	95	89	85	94	88	84	92	88	84	79
1.25	100	94	90	99	93	89	96	92	88	84
1.50	103	97	94	101	97	93	99	95	92	86
2.00	106	102	98	105	100	97	101	98	95	89
2.50	108	104	101	106	102	99	103	100	97	91
3.00	110	106	103	108	105	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
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: 2024-08-15

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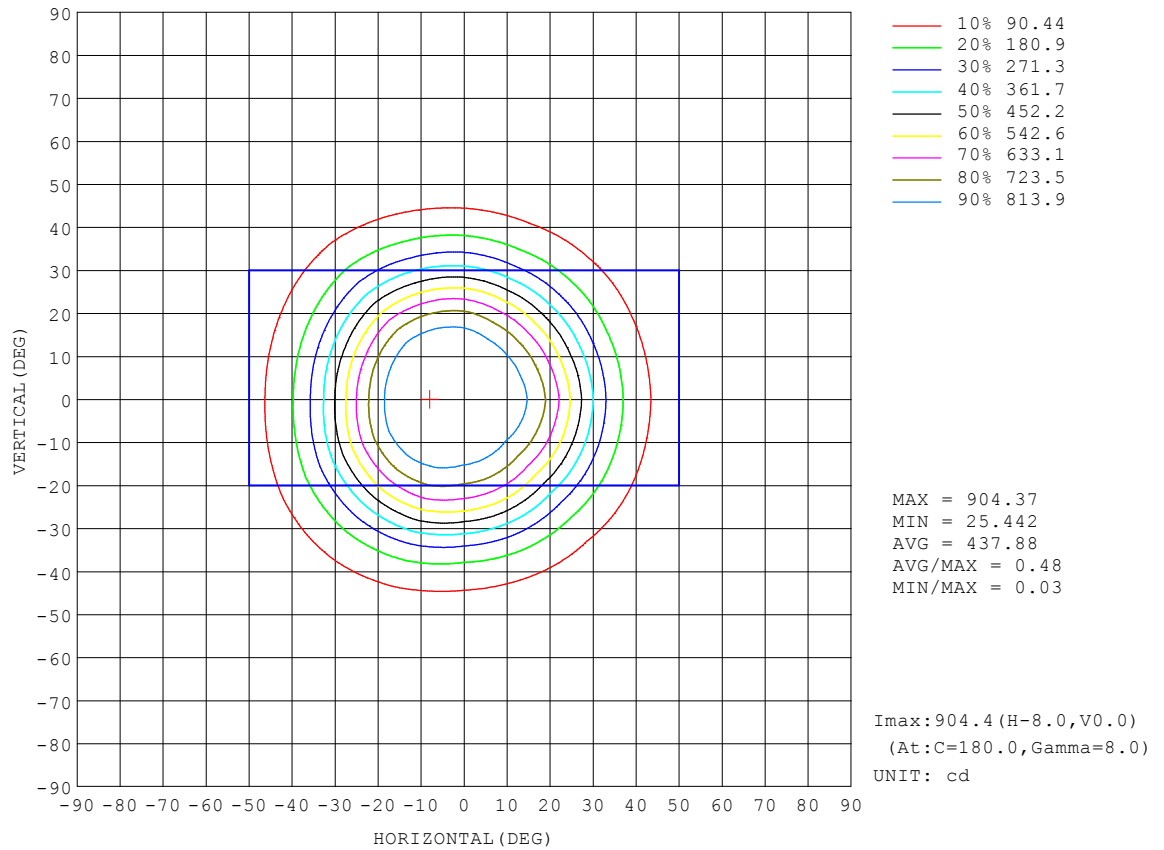
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



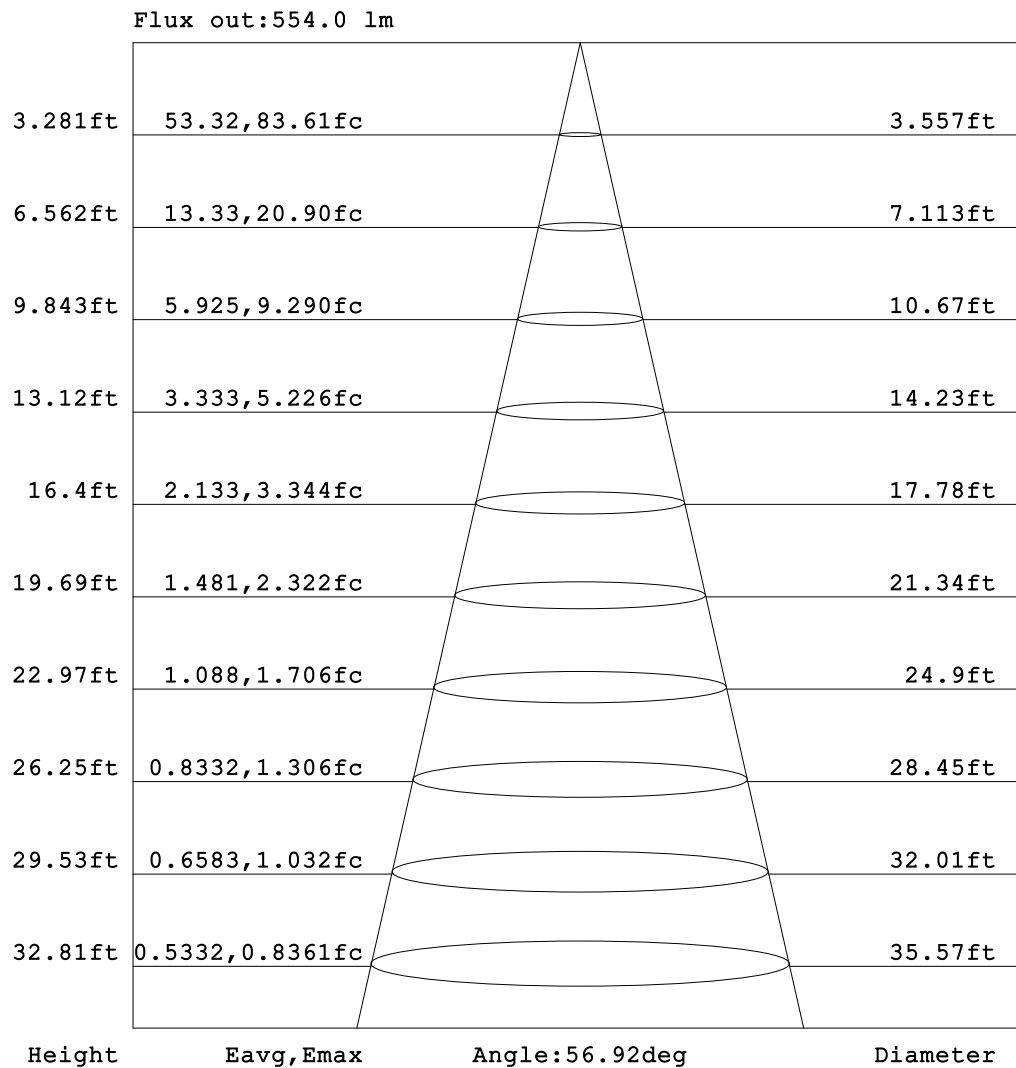
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

AAI Figure

NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



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

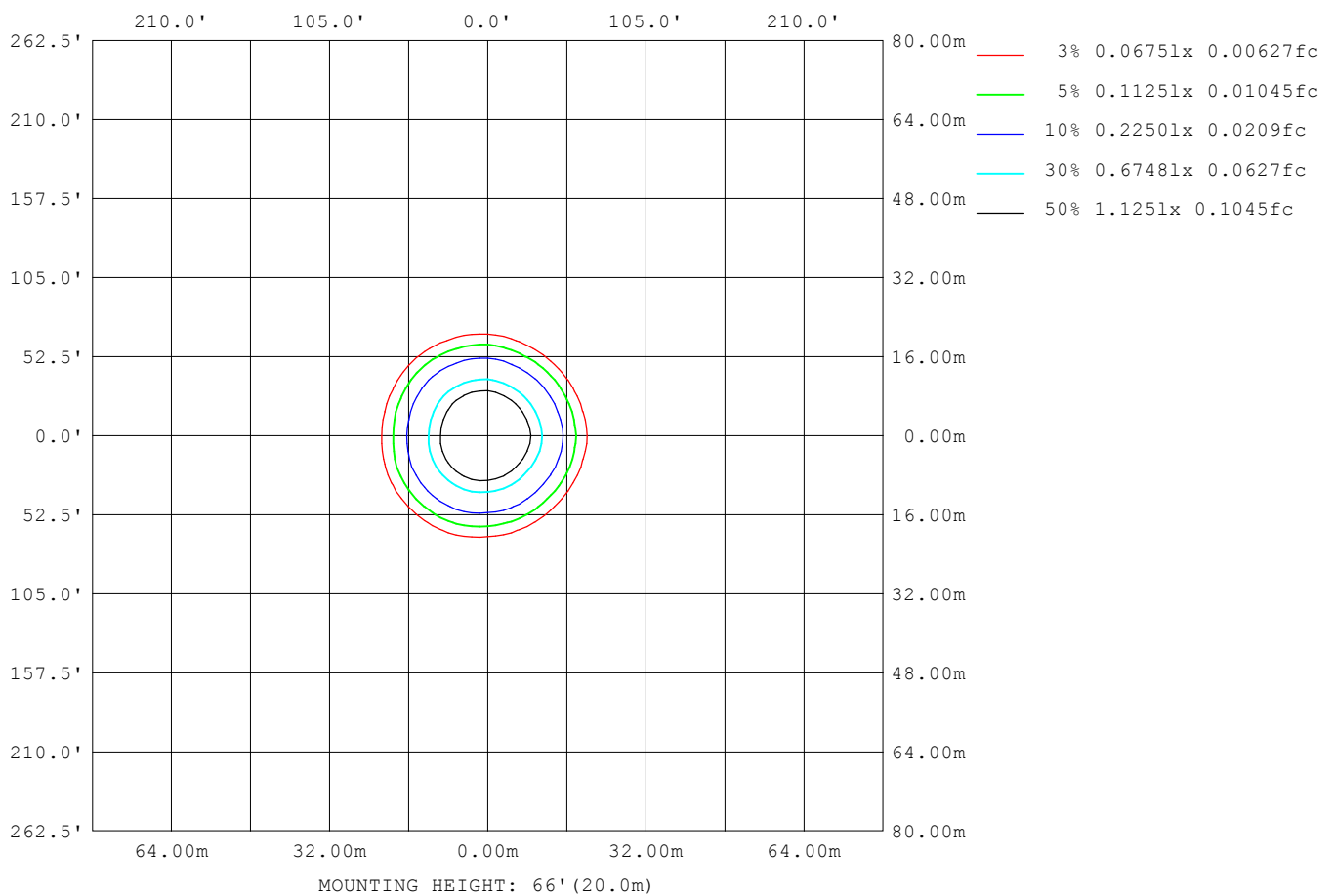
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:

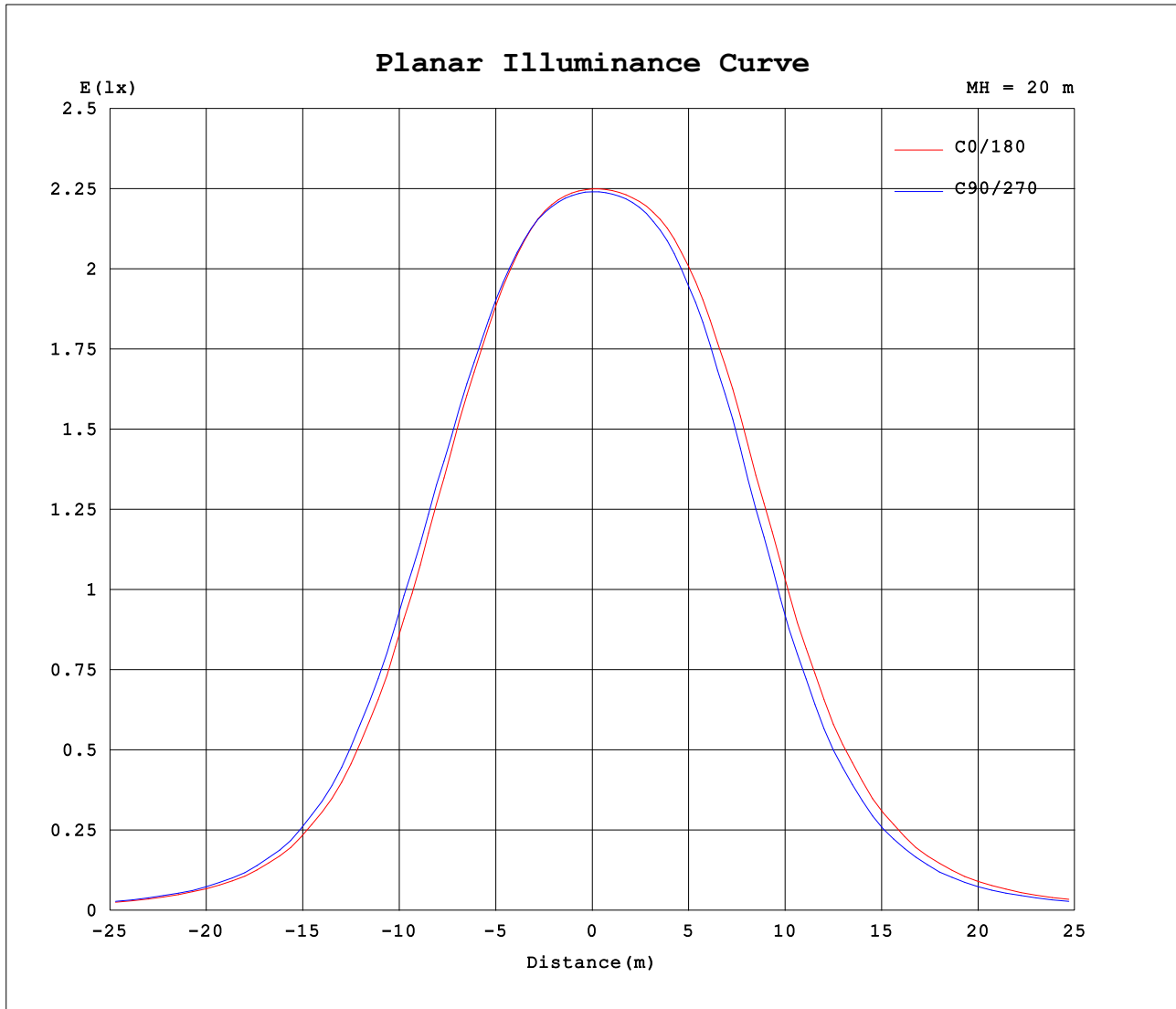
AvgL	cd/m2
L_0~180 (65) av	16643
L_0~180 (75) av	3640
L_0~180 (85) av	1685
L_90~270 (65) av	16413
L_90~270 (75) av	3490
L_90~270 (85) av	1506
L_45 (65) av	16850
L_45 (75) av	3762
L_45 (85) av	1488

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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: 2024-08-15

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	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	897	897	897	897	897	897	897	897	897	897	897	897	897	897	897	897			
5	894	893	891	893	894	896	898	899	900	899	898	898	898	897	895	895			
10	871	867	860	869	877	889	896	900	899	898	898	895	889	878	872	870			
15	805	799	788	805	819	847	864	873	868	867	871	857	842	814	802	800			
20	690	682	667	695	714	760	783	795	781	779	787	760	739	696	677	677			
25	530	521	507	542	571	625	646	657	632	628	637	601	576	530	510	511			
30	363	351	341	372	401	452	471	480	454	450	459	420	396	357	341	343			
35	222	215	207	227	248	289	310	314	293	292	300	269	249	219	209	210			
40	132	128	121	134	146	172	186	189	174	176	180	160	149	128	122	123			
45	76.2	72.4	70.1	76.2	84.0	99.5	108	110	102	103	103	93.3	84.5	74.5	70.6	72.1			
50	45.9	44.0	42.7	46.5	50.4	59.3	64.5	65.5	61.3	61.0	61.1	55.7	50.7	45.2	43.2	44.0			
55	29.3	28.3	27.7	30.1	32.3	37.3	39.8	40.6	37.9	37.9	38.4	35.1	32.7	29.0	27.7	28.2			
60	18.1	17.6	17.0	19.2	20.7	23.9	25.1	25.9	24.1	24.1	24.7	22.6	21.1	18.1	16.8	17.0			
65	9.18	9.00	8.69	10.1	11.0	13.4	14.2	14.7	13.2	13.1	13.9	12.1	11.1	9.15	8.50	8.58			
70	4.27	4.14	3.92	4.87	5.50	6.68	7.15	7.28	6.51	6.48	6.87	5.97	5.36	4.14	3.61	3.65			
75	0.92	0.88	0.77	1.11	1.44	2.18	2.47	2.65	2.08	2.09	2.28	1.80	1.43	0.88	0.67	0.66			
80	0.23	0.28	0.23	0.25	0.24	0.31	0.38	0.43	0.40	0.25	0.29	0.22	0.29	0.19	0.20	0.19			
85	0.23	0.23	0.22	0.23	0.23	0.25	0.23	0.22	0.24	0.19	0.18	0.19	0.19	0.20	0.19	0.19			
90	0.25	0.27	0.25	0.26	0.24	0.24	0.23	0.24	0.20	0.20	0.20	0.20	0.21	0.21	0.23	0.22			
95	0.34	0.36	0.35	0.34	0.31	0.31	0.27	0.29	0.26	0.24	0.25	0.24	0.28	0.29	0.32	0.30			
100	0.48	0.50	0.48	0.48	0.43	0.41	0.38	0.40	0.36	0.33	0.34	0.35	0.40	0.42	0.46	0.44			
105	0.70	0.72	0.72	0.69	0.63	0.58	0.54	0.56	0.52	0.48	0.49	0.52	0.57	0.63	0.68	0.67			
110	1.06	1.08	1.09	1.02	0.94	0.85	0.81	0.82	0.77	0.74	0.74	0.79	0.86	0.96	1.03	1.02			
115	1.59	1.61	1.63	1.52	1.42	1.28	1.22	1.22	1.17	1.14	1.12	1.21	1.30	1.47	1.55	1.55			
120	2.31	2.32	2.36	2.21	2.09	1.89	1.82	1.81	1.75	1.71	1.68	1.80	1.93	2.15	2.26	2.26			
125	3.19	3.20	3.26	3.08	2.94	2.68	2.60	2.57	2.51	2.46	2.43	2.58	2.74	3.01	3.14	3.15			
130	4.20	4.22	4.29	4.08	3.93	3.63	3.53	3.49	3.42	3.37	3.33	3.51	3.69	3.99	4.14	4.15			
135	5.27	5.30	5.38	5.17	5.02	4.68	4.57	4.52	4.46	4.40	4.36	4.54	4.76	5.06	5.23	5.21			
140	6.36	6.40	6.47	6.29	6.12	5.80	5.64	5.61	5.55	5.50	5.45	5.64	5.85	6.17	6.29	6.26			
145	7.38	7.41	7.50	7.35	7.19	6.88	6.73	6.69	6.62	6.57	6.55	6.74	6.94	7.21	7.29	7.25			
150	8.23	8.29	8.37	8.29	8.18	7.89	7.73	7.70	7.60	7.56	7.56	7.75	7.92	8.09	8.14	8.08			
155	8.86	8.93	9.02	9.02	8.96	8.72	8.56	8.52	8.43	8.38	8.42	8.58	8.72	8.83	8.79	8.70			
160	9.28	9.34	9.49	9.52	9.48	9.32	9.19	9.14	9.03	9.01	9.06	9.18	9.30	9.34	9.27	9.14			
165	9.61	9.67	9.80	9.91	9.88	9.76	9.65	9.63	9.53	9.53	9.55	9.63	9.74	9.74	9.63	9.52			
170	9.94	9.98	10.1	10.2	10.1	10.0	10.02	10.1	9.94	9.98	9.97	9.95	10.0	10.1	9.98	9.88			
175	10.2	10.3	10.4	10.5	10.4	10.4	10.5	10.4	10.3	10.4	10.5	10.4	10.4	10.5	10.5	10.3			
180	10.5	10.6	10.7	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.7	10.5			

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