

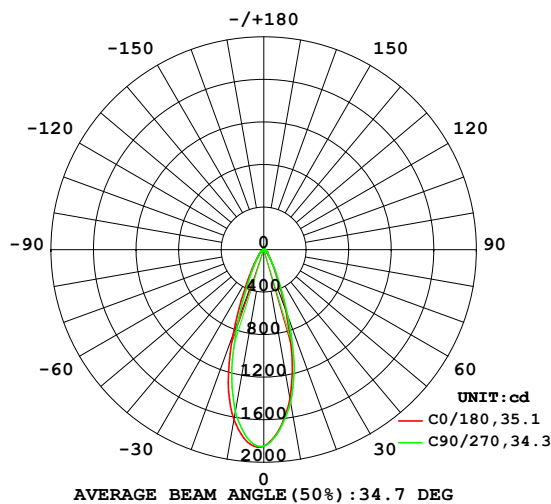
TLO010-21 36V250mA CXM-9-30-90-36-AA40 34.7D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

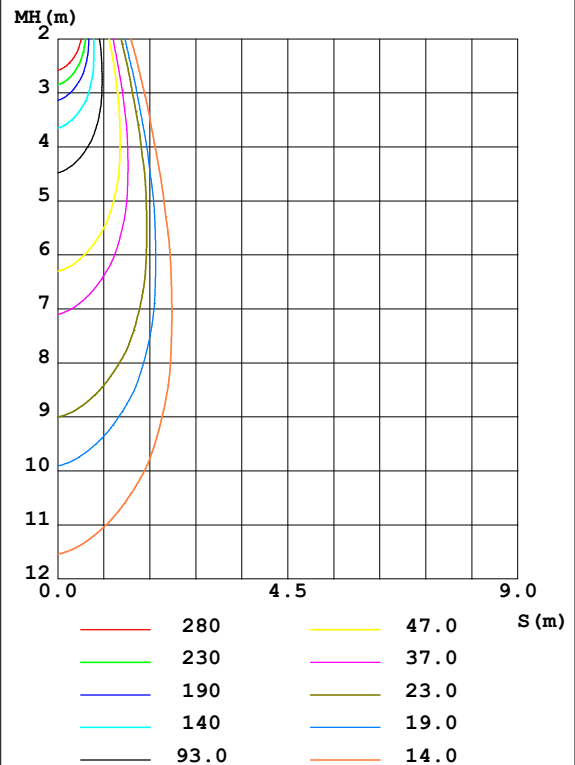
NAME: TLO010-21	TYPE: 34.7D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.85 lm/W			
MODEL		I _{max} (cd)	1876	S/MH (C0/180)	0.60
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	0.56
RATED VOLTAGE (V)	110	TOTAL FLUX (lm)	843.51	η UP, DN (C0-180)	1.2, 47.9
NOMINAL FLUX (lm)	843.501	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 49.6
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	110	η down (%)	97.6	CIBSE SHR MAX	0.55

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 34.7D 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	1423	1374	1456	1586	1623	1668	1546	1404	0- 10	159.0	159.0	18.9,18.9
20	610.4	565.3	667.8	853.0	838.6	866.0	700.3	577.1	10- 20	308.2	467.2	55.4,55.4
30	176.7	165.7	194.1	261.6	250.5	251.1	207.1	174.8	20- 30	182.2	649.4	77,77
40	72.49	70.16	77.31	94.60	91.00	93.69	81.63	72.14	30- 40	81.61	731.0	86.7,86.7
50	39.57	38.47	42.20	47.60	46.65	47.85	44.18	39.62	40- 50	45.58	776.6	92.1,92.1
60	20.21	19.43	22.52	26.33	25.28	26.38	23.60	19.96	50- 60	29.10	805.7	95.5,95.5
70	5.544	5.080	7.247	9.581	8.781	9.429	7.444	5.053	60- 70	14.42	820.1	97.2,97.2
80	0.2495	0.2541	0.2649	0.4467	0.2575	0.3432	0.4126	0.2037	70- 80	2.853	822.9	97.6,97.6
90	0.2667	0.2717	0.2689	0.2649	0.2145	0.2144	0.2357	0.2548	80- 90	0.2593	823.2	97.6,97.6
100	0.4198	0.4416	0.4132	0.3697	0.3546	0.3470	0.3847	0.4210	90-100	0.3392	823.5	97.6,97.6
110	0.7367	0.7595	0.6976	0.6220	0.5911	0.5770	0.6362	0.7225	100-110	0.5418	824.1	97.7,97.7
120	1.554	1.609	1.393	1.199	1.145	1.092	1.253	1.499	110-120	0.9340	825.0	97.8,97.8
130	3.565	3.720	3.240	2.761	2.637	2.519	2.902	3.436	120-130	1.870	826.9	98,98
140	6.581	6.812	6.265	5.568	5.397	5.243	5.817	6.504	130-140	3.437	830.3	98.4,98.4
150	9.472	9.721	9.422	8.754	8.573	8.494	9.053	9.435	140-150	4.740	835.1	99,99
160	10.31	10.63	10.83	10.60	10.42	10.55	10.75	10.37	150-160	4.625	839.7	99.5,99.5
170	9.209	9.347	9.865	10.05	9.872	10.06	9.868	9.296	160-170	2.920	842.6	99.9,99.9
180	8.937	9.284	9.196	9.269	8.956	9.289	9.205	9.275	170-180	0.8958	843.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

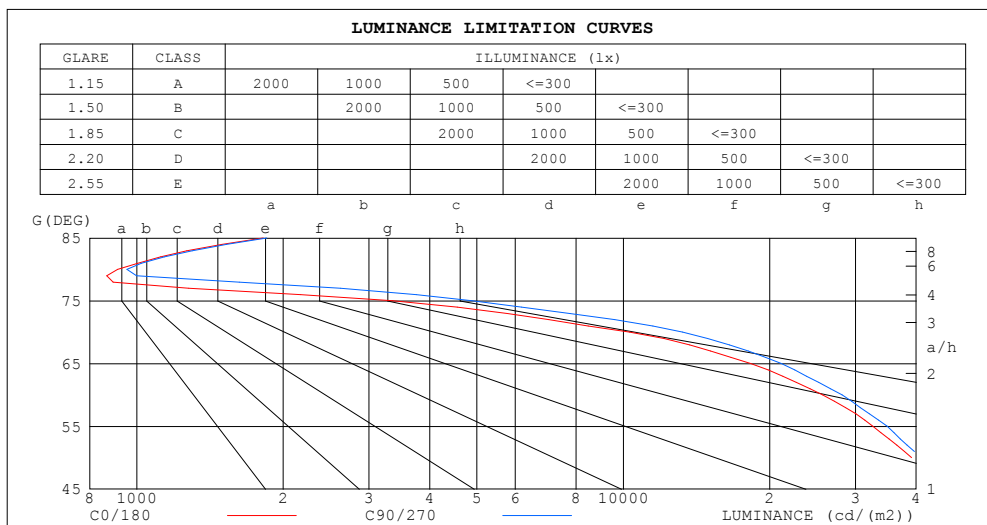
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-15

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 34.7D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO010-21	TYPE: 34.7D	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

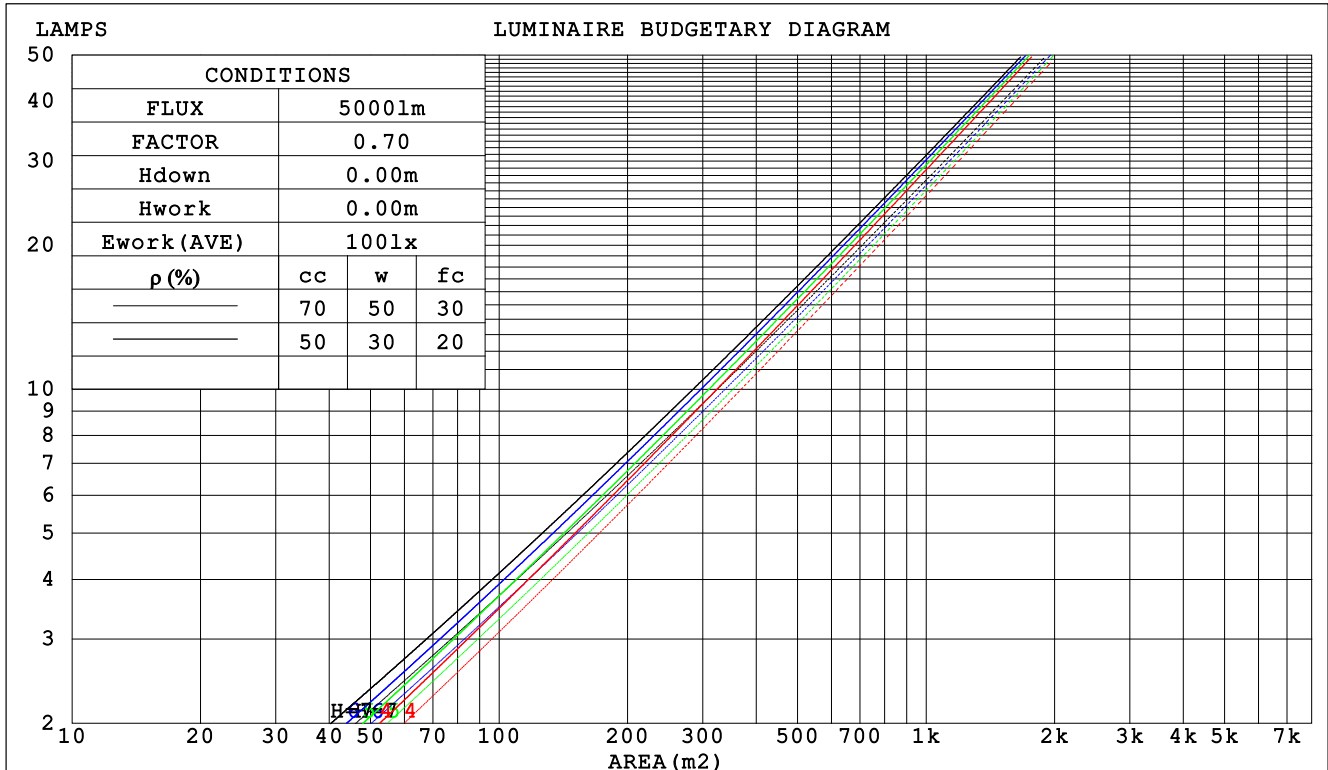
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 34.7D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-21	TYPE: 34.7D	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	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	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.99	.98	.97	.96	.95	.94	.92
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.97	.92	.88	.95	.91	.87	.92	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.91	.86	.82	.90	.85	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.75	.81	.77	.74	.79	.76	.74	.72
6.0	.82	.76	.72	.81	.76	.72	.79	.74	.71	.77	.73	.70	.76	.72	.70	.68
7.0	.78	.72	.68	.77	.72	.68	.75	.71	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.74	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.71	.65	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.67	.63	.61	.59
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.65	.61	.58	.57



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 34.7D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO010-21	TYPE:34.7D	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	.173	.098	.031	.165	.094	.030	.151	.087	.028	.138	.080	.026	.127	.073	.024	
2.0	.164	.090	.028	.158	.087	.027	.146	.081	.025	.135	.076	.024	.125	.071	.022	
3.0	.155	.082	.025	.150	.080	.024	.139	.076	.023	.130	.071	.022	.121	.067	.021	
4.0	.146	.076	.022	.142	.074	.022	.133	.070	.021	.125	.067	.020	.117	.064	.019	
5.0	.138	.070	.020	.134	.069	.020	.126	.066	.019	.119	.063	.019	.113	.060	.018	
6.0	.131	.066	.019	.127	.064	.019	.121	.062	.018	.114	.059	.017	.108	.057	.017	
7.0	.124	.061	.017	.121	.060	.017	.115	.058	.017	.109	.056	.016	.104	.054	.016	
8.0	.118	.058	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	
9.0	.113	.055	.015	.110	.054	.015	.105	.052	.015	.101	.051	.014	.096	.049	.014	
10.0	.108	.052	.014	.105	.051	.014	.101	.050	.014	.097	.048	.014	.093	.047	.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	.097	.064	.060	.057	.020	.019	.018	
2.0	.174	.151	.132	.149	.130	.114	.102	.090	.080	.059	.052	.047	.019	.017	.015	
3.0	.161	.132	.109	.138	.114	.095	.095	.079	.066	.055	.046	.039	.018	.015	.013	
4.0	.150	.117	.092	.129	.102	.080	.089	.071	.057	.051	.041	.033	.017	.013	.011	
5.0	.141	.106	.080	.121	.092	.069	.083	.064	.049	.048	.038	.029	.016	.012	.010	
6.0	.133	.096	.070	.114	.083	.061	.079	.058	.043	.046	.034	.026	.015	.011	.008	
7.0	.126	.089	.062	.109	.077	.054	.075	.054	.038	.044	.032	.023	.014	.010	.008	
8.0	.120	.082	.056	.103	.071	.049	.072	.050	.035	.042	.030	.021	.013	.010	.007	
9.0	.115	.077	.051	.099	.067	.045	.068	.047	.032	.040	.028	.019	.013	.009	.006	
10.0	.110	.072	.048	.095	.063	.041	.066	.044	.029	.038	.026	.018	.012	.009	.006	

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

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 34.7D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO010-21					TYPE:34.7D			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	2H	20.5	21.4	20.8	21.6	21.8	20.8	21.7	21.1	21.9	22.1
	3H	20.7	21.5	21.0	21.8	22.0	21.1	21.9	21.4	22.1	22.4
	4H	20.7	21.4	21.0	21.7	21.9	21.1	21.8	21.4	22.1	22.3
	6H	20.6	21.3	20.9	21.6	21.9	21.0	21.7	21.3	22.0	22.3
	8H	20.5	21.2	20.9	21.5	21.8	20.9	21.6	21.3	21.9	22.2
	12H	20.5	21.1	20.8	21.4	21.8	20.9	21.5	21.2	21.8	22.2
4H	2H	20.7	21.4	21.0	21.7	21.9	20.9	21.7	21.2	21.9	22.2
	3H	20.9	21.5	21.2	21.8	22.2	21.2	21.9	21.6	22.2	22.5
	4H	20.8	21.4	21.2	21.7	22.1	21.2	21.8	21.6	22.1	22.5
	6H	20.7	21.2	21.1	21.6	22.0	21.1	21.6	21.5	22.0	22.4
	8H	20.6	21.1	21.1	21.5	21.9	21.0	21.5	21.4	21.9	22.3
	12H	20.6	21.0	21.0	21.4	21.9	21.0	21.4	21.4	21.8	22.3
8H	4H	20.7	21.2	21.1	21.5	22.0	21.0	21.5	21.5	21.9	22.3
	6H	20.6	21.0	21.0	21.4	21.9	20.9	21.3	21.4	21.8	22.2
	8H	20.5	20.9	21.0	21.3	21.8	20.9	21.2	21.4	21.7	22.2
	12H	20.4	20.7	21.0	21.2	21.8	20.8	21.1	21.3	21.6	22.1
12H	4H	20.6	21.1	21.1	21.5	21.9	21.0	21.4	21.4	21.8	22.3
	6H	20.5	20.9	21.0	21.3	21.8	20.9	21.2	21.4	21.7	22.2
	8H	20.4	20.7	21.0	21.2	21.7	20.8	21.1	21.3	21.6	22.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 1.4					+ 1.1 / - 1.4					
1.5H	+ 1.3 / - 0.8					+ 1.5 / - 0.9					
2.0H	+ 1.7 / - 2.0					+ 1.7 / - 2.0					

CIE Pub.117, 843.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.6)

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 34.7D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO010-21	TYPE: 34.7D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	75	72	68
0.80	91	84	80	90	84	80	89	83	80	75
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	95	91	99	94	90	97	92	89	84
1.50	103	98	94	102	97	94	99	95	92	87
2.00	107	102	98	105	101	97	102	98	96	90
2.50	108	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	100	92
4.00	112	109	107	110	108	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					SHRNOM = 1.25		

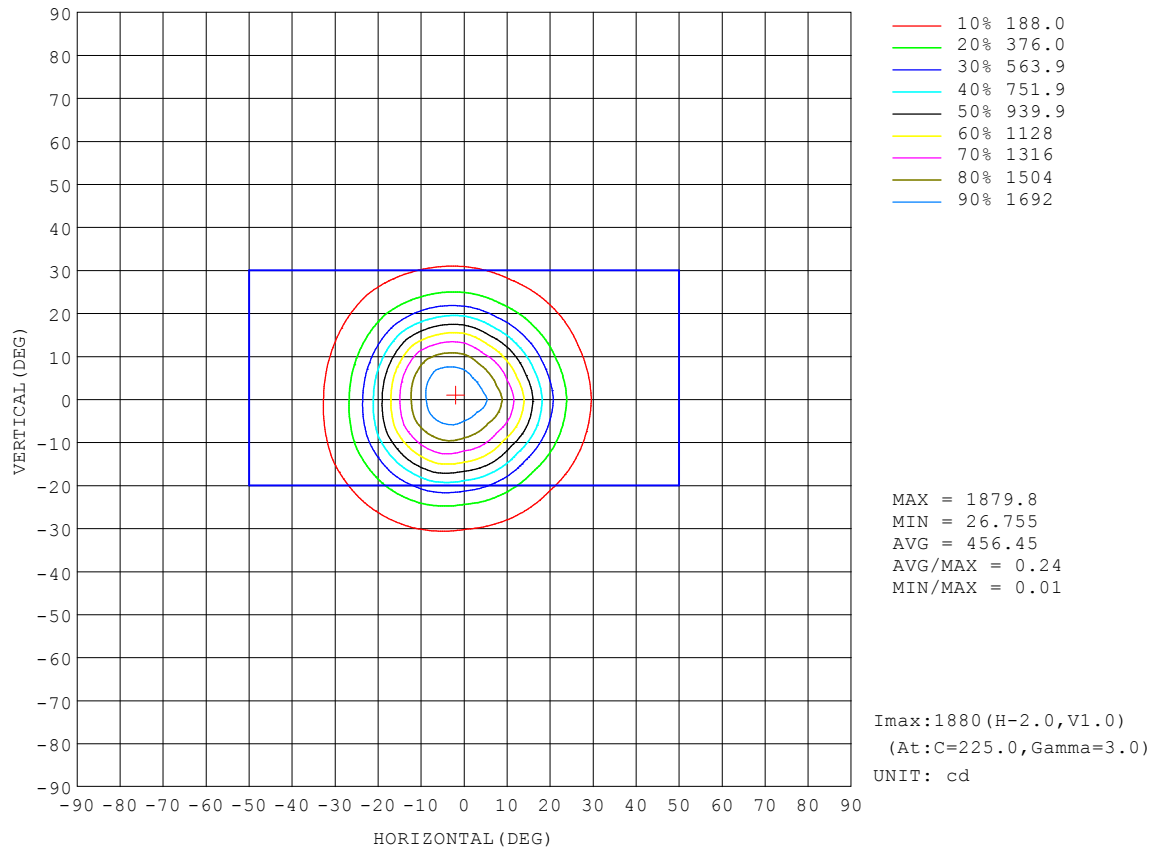
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 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2024-08-15

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 34.7D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO010-21	TYPE: 34.7D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



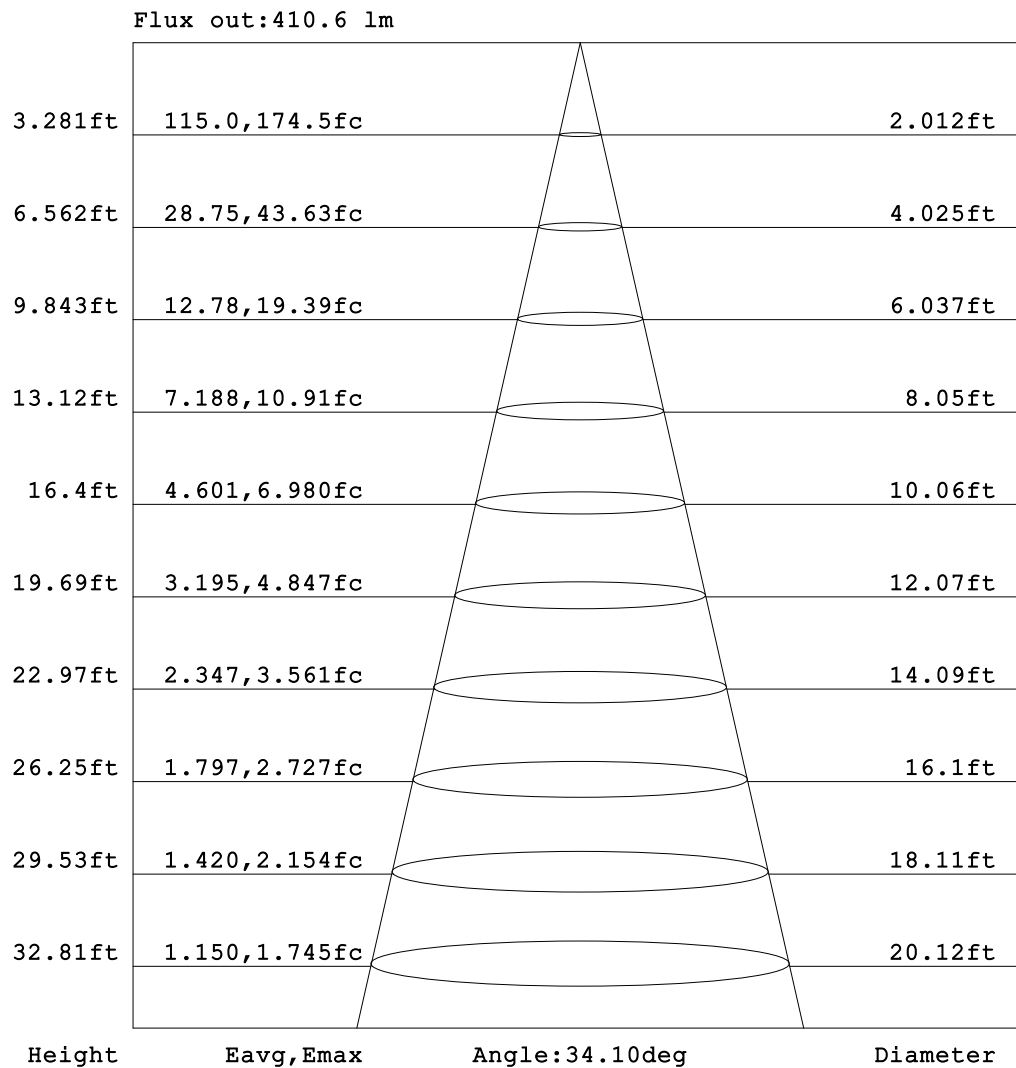
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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
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Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 34.7D 3000K CRI90 NA

AAI Figure

NAME: TLO010-21	TYPE:34.7D	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.

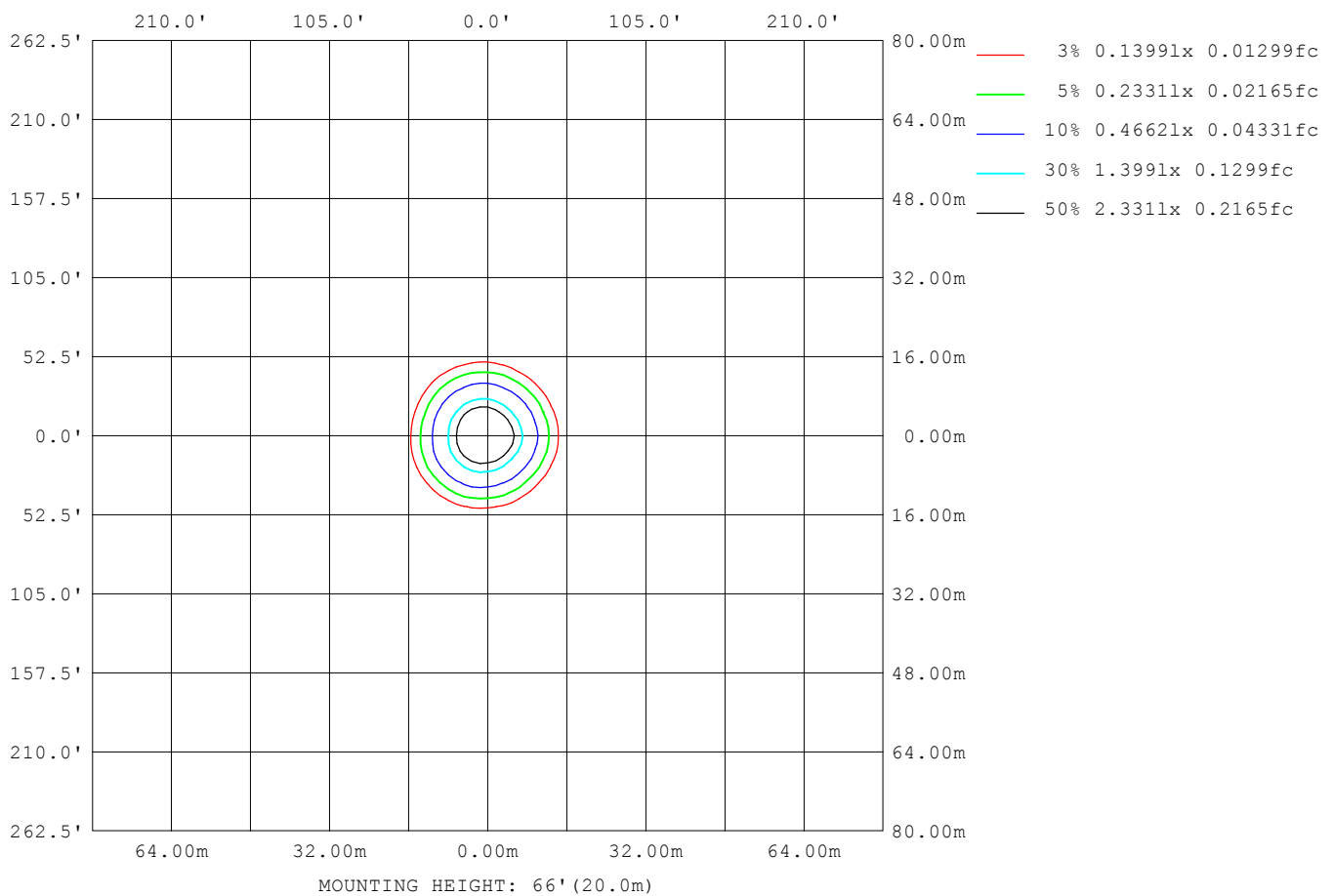
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Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 34.7D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO010-21	TYPE: 34.7D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 34.7D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO010-21	TYPE:34.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:45	Shielding Angle:

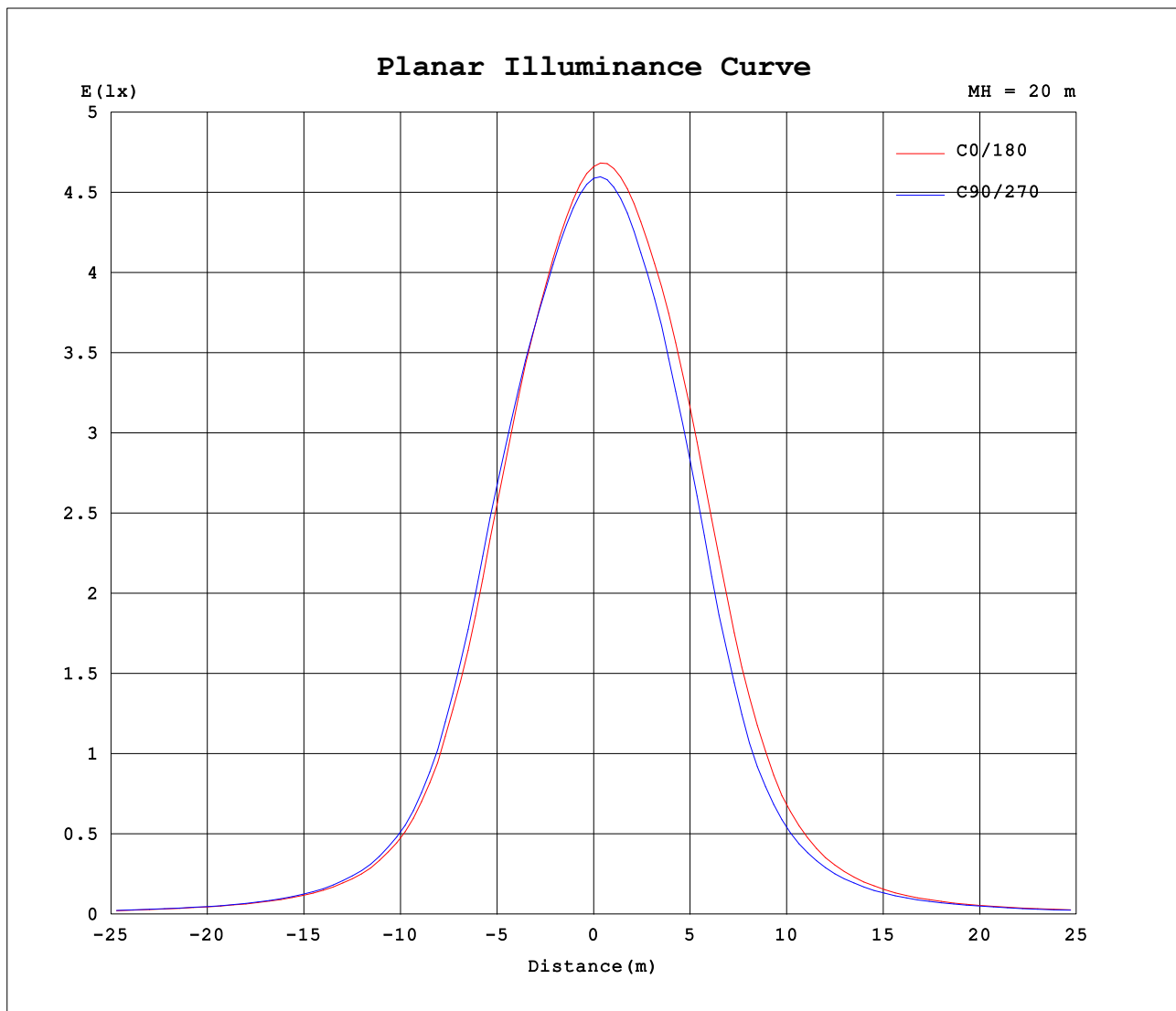
AvgL	cd/m2
L_0~180 (65) av	21253
L_0~180 (75) av	5065
L_0~180 (85) av	1620
L_90~270 (65) av	21666
L_90~270 (75) av	5172
L_90~270 (85) av	1693
L_45 (65) av	21576
L_45 (75) av	5382
L_45 (85) av	1668

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 34.7D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-21	TYPE: 34.7D	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	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847	1847			
5	1693	1674	1656	1676	1703	1756	1790	1815	1813	1830	1849	1817	1780	1717	1687	1679			
10	1423	1398	1374	1410	1456	1535	1586	1629	1623	1646	1668	1607	1546	1441	1404	1388			
15	1028	1007	974	1042	1104	1222	1283	1330	1294	1314	1340	1244	1166	1033	995	976			
20	610	585	565	612	668	791	853	897	839	847	866	770	700	602	577	573			
25	319	308	294	321	350	428	478	505	462	459	465	410	371	320	309	303			
30	177	172	166	179	194	233	262	273	251	247	251	226	207	182	175	171			
35	108	105	103	109	117	137	150	157	146	145	148	135	124	111	107	105			
40	72.5	70.5	70.2	73.4	77.3	87.2	94.6	97.4	91.0	91.1	93.7	87.6	81.6	74.6	72.1	71.3			
45	52.5	51.1	51.0	53.3	55.6	61.1	64.9	66.4	63.1	62.8	64.9	61.7	58.6	54.3	52.5	52.0			
50	39.6	38.5	38.5	40.3	42.2	45.6	47.6	48.6	46.6	46.4	47.9	46.0	44.2	41.1	39.6	39.3			
55	29.4	28.6	28.5	30.2	32.0	34.7	36.1	36.5	35.1	34.9	36.2	34.9	33.4	30.5	29.4	29.0			
60	20.2	19.6	19.4	20.9	22.5	25.1	26.3	26.6	25.3	25.2	26.4	25.0	23.6	20.9	20.0	19.5			
65	12.2	11.8	11.5	12.9	14.3	16.4	17.3	17.7	16.4	16.4	17.3	16.0	14.8	12.5	11.8	11.5			
70	5.54	5.41	5.08	6.27	7.25	9.00	9.58	9.87	8.78	8.85	9.43	8.32	7.44	5.60	5.05	4.87			
75	1.37	1.30	1.14	1.60	2.02	2.98	3.42	3.54	2.80	2.90	3.20	2.71	2.23	1.36	1.10	1.02			
80	0.25	0.26	0.25	0.25	0.26	0.33	0.45	0.46	0.26	0.27	0.34	0.24	0.41	0.21	0.20	0.21			
85	0.25	0.25	0.26	0.26	0.26	0.25	0.25	0.24	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21			
90	0.27	0.29	0.27	0.29	0.27	0.27	0.26	0.26	0.21	0.20	0.21	0.21	0.24	0.22	0.25	0.23			
95	0.33	0.36	0.34	0.35	0.33	0.33	0.31	0.31	0.28	0.25	0.27	0.27	0.30	0.30	0.33	0.31			
100	0.42	0.45	0.44	0.45	0.41	0.40	0.37	0.39	0.35	0.32	0.35	0.34	0.38	0.38	0.42	0.40			
105	0.55	0.57	0.57	0.57	0.53	0.51	0.48	0.48	0.45	0.42	0.44	0.45	0.49	0.50	0.54	0.53			
110	0.74	0.75	0.76	0.74	0.70	0.66	0.62	0.63	0.59	0.56	0.58	0.59	0.64	0.68	0.72	0.71			
115	1.04	1.05	1.08	1.02	0.95	0.88	0.83	0.84	0.80	0.77	0.77	0.80	0.86	0.95	1.01	1.01			
120	1.55	1.56	1.61	1.50	1.39	1.26	1.20	1.19	1.15	1.11	1.09	1.15	1.25	1.40	1.50	1.51			
125	2.38	2.39	2.49	2.29	2.14	1.90	1.81	1.79	1.73	1.69	1.65	1.76	1.90	2.16	2.30	2.32			
130	3.57	3.59	3.72	3.46	3.24	2.89	2.76	2.71	2.64	2.59	2.52	2.69	2.90	3.26	3.44	3.48			
135	5.00	5.06	5.20	4.94	4.65	4.23	4.05	3.97	3.88	3.81	3.74	3.93	4.24	4.66	4.89	4.88			
140	6.58	6.66	6.81	6.57	6.26	5.81	5.57	5.49	5.40	5.28	5.24	5.46	5.82	6.25	6.50	6.47			
145	8.16	8.21	8.40	8.17	7.92	7.44	7.20	7.11	7.01	6.92	6.88	7.14	7.49	7.93	8.09	8.06			
150	9.47	9.54	9.72	9.59	9.42	8.99	8.75	8.67	8.57	8.50	8.49	8.77	9.05	9.37	9.43	9.36			
155	10.2	10.3	10.5	10.5	10.5	10.2	9.97	9.88	9.81	9.75	9.81	10.03	10.2	10.3	10.2	10.1			
160	10.3	10.4	10.6	10.8	10.8	10.7	10.6	10.5	10.4	10.4	10.5	10.7	10.8	10.6	10.4	10.2			
165	9.85	9.89	10.1	10.4	10.6	10.7	10.6	10.5	10.4	10.4	10.6	10.6	10.6	10.3	9.96	9.77			
170	9.21	9.21	9.35	9.64	9.86	10.00	10.1	10.1	9.87	9.99	10.1	10.01	9.87	9.64	9.30	9.15			
175	8.73	8.80	9.04	9.17	9.27	9.42	9.58	9.47	9.28	9.42	9.63	9.47	9.31	9.26	9.08	8.80			
180	8.94	9.00	9.28	9.22	9.20	9.18	9.27	9.03	8.96	9.01	9.29	9.23	9.21	9.18	9.28	9.01			

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