

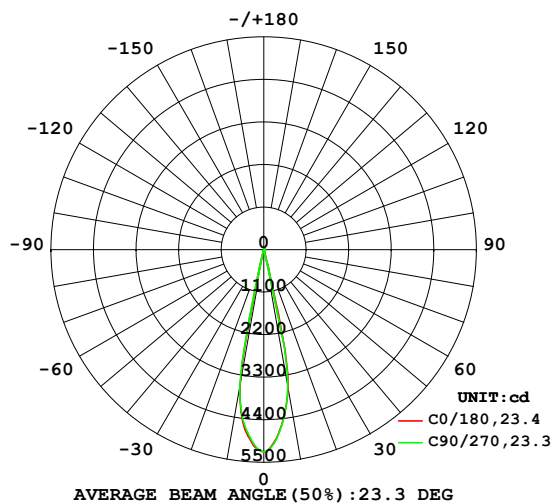
TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

LUMINAIRE PHOTOMETRIC TEST REPORT

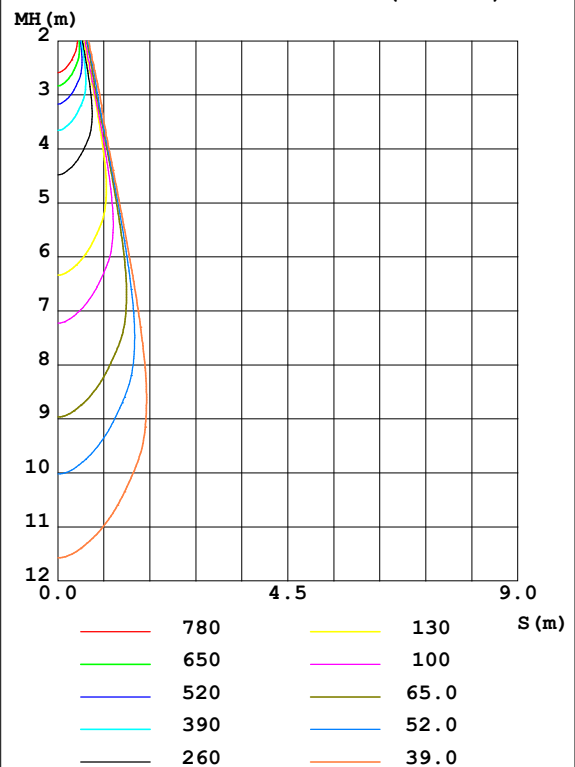
NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.91 lm/W			
MODEL	CMA1516-30G-H-NOU	I _{max} (cd)	5233	S/MH (C0/180)	0.31
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH (C90/270)	0.31
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	678.31	η UP,DN (C0-180)	1.2,50.3
NOMINAL FLUX(lm)	678.31	CIE CLASS	DIRECT	η UP,DN (C180-360)	1.2,47.3
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	110	η down (%)	97.5	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: LXJ
Test Date: 2025-02-13

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:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3656	3608	3594	3541	3541	3549	3580	3671	0- 10	418.9	418.9	61.8,61.8
20	63.76	62.88	59.69	56.01	48.59	49.18	49.80	54.91	10- 20	219.8	638.7	94.2,94.2
30	10.93	11.14	10.79	10.32	9.949	9.928	9.918	10.35	20- 30	10.60	649.3	95.7,95.7
40	4.450	4.498	4.471	4.309	4.222	4.249	4.257	4.312	30- 40	4.080	653.4	96.3,96.3
50	2.938	2.960	2.890	2.800	2.708	2.775	2.849	2.894	40- 50	2.728	656.1	96.7,96.7
60	2.108	2.145	2.145	2.120	2.057	2.031	1.998	2.018	50- 60	2.143	658.2	97,97
70	1.539	1.547	1.548	1.507	1.453	1.472	1.453	1.482	60- 70	1.795	660.0	97.3,97.3
80	0.7372	0.7174	0.7017	0.6495	0.5938	0.6379	0.6718	0.6995	70- 80	1.154	661.2	97.5,97.5
90	0.1345	0.1343	0.1364	0.1339	0.1346	0.1296	0.1364	0.1270	80- 90	0.3428	661.5	97.5,97.5
100	0.1440	0.1414	0.1458	0.1434	0.1841	0.1721	0.1740	0.1716	90-100	0.1574	661.7	97.5,97.5
110	0.1676	0.1556	0.1623	0.1575	0.1675	0.1626	0.1599	0.1597	100-110	0.1729	661.9	97.6,97.6
120	0.1582	0.1556	0.1576	0.1575	0.1511	0.1439	0.1459	0.1457	110-120	0.1555	662.0	97.6,97.6
130	0.8136	0.8361	0.8577	0.9885	0.8747	0.8453	0.8079	0.7060	120-130	0.2532	662.3	97.6,97.6
140	5.464	5.482	5.583	5.730	5.419	5.369	5.298	5.109	130-140	2.173	664.4	98,98
150	10.47	10.49	10.54	10.68	10.63	10.61	10.53	10.37	140-150	5.072	669.5	98.7,98.7
160	11.71	11.48	11.82	11.67	11.99	11.79	11.91	11.24	150-160	5.236	674.8	99.5,99.5
170	7.895	7.993	8.065	8.381	8.419	8.432	7.855	7.333	160-170	2.984	677.7	99.9,99.9
180	3.125	3.262	3.006	3.151	3.113	3.246	3.003	3.147	170-180	0.5727	678.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

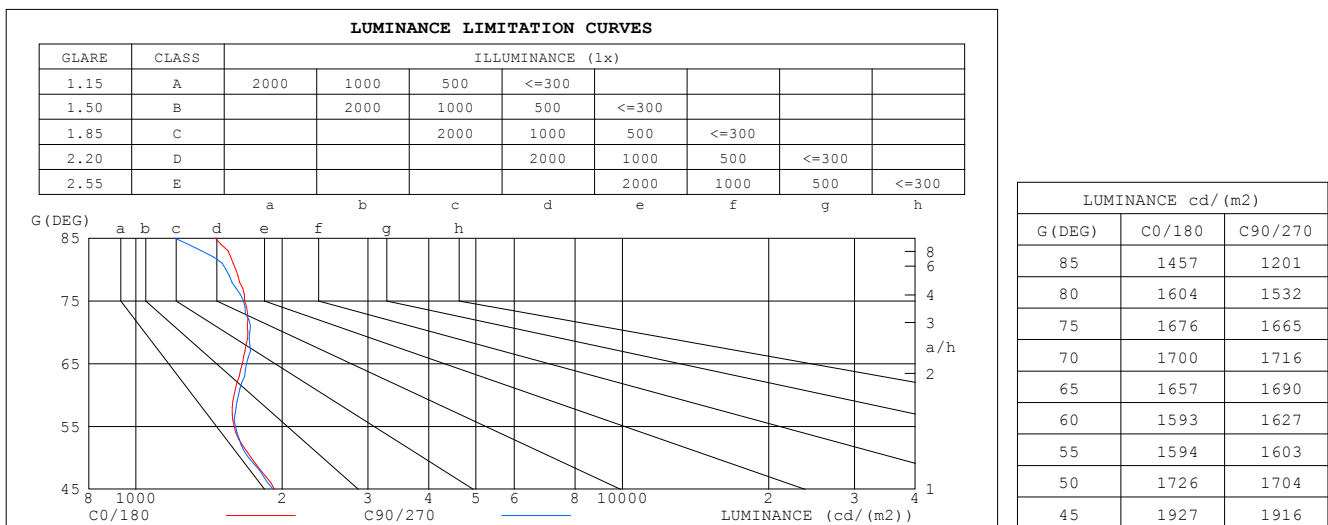
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
 Test Date:2025-02-13

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:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

LUMINANCE LIMITATION CURVES

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2025-02-13

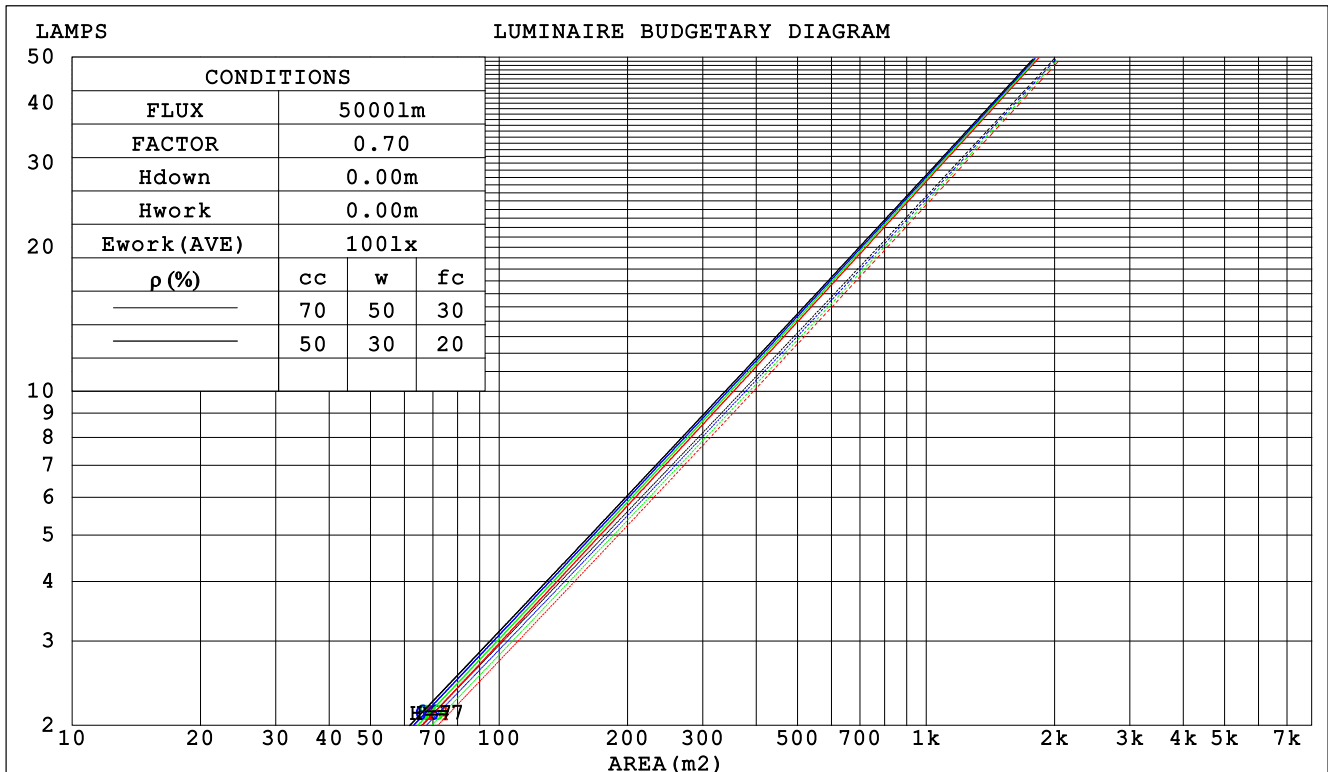
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	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	1.13	1.12	1.10	1.11	1.09	1.08	1.06	1.05	1.04	1.02	1.02	1.01	.99	.98	.98	.96
2.0	1.09	1.06	1.04	1.07	1.05	1.03	1.04	1.02	1.00	1.01	.99	.98	.98	.97	.96	.94
3.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.99	.97	.99	.97	.96	.96	.95	.94	.93
4.0	1.03	.99	.97	1.01	.99	.96	.99	.97	.95	.97	.95	.94	.95	.94	.92	.91
5.0	1.00	.97	.94	.99	.96	.94	.97	.95	.93	.96	.94	.92	.94	.92	.91	.90
6.0	.98	.95	.92	.97	.94	.92	.96	.93	.91	.94	.92	.90	.93	.91	.90	.89
7.0	.96	.93	.91	.95	.92	.90	.94	.92	.90	.93	.91	.89	.92	.90	.89	.88
8.0	.94	.91	.89	.94	.91	.89	.93	.90	.88	.92	.89	.88	.91	.89	.87	.87
9.0	.93	.90	.88	.92	.89	.87	.91	.89	.87	.91	.88	.87	.90	.88	.86	.86
10.0	.91	.88	.86	.91	.88	.86	.90	.88	.86	.89	.87	.86	.89	.87	.85	.85



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2025-02-13

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:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

WEC AND CCEC

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	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	.119	.068	.021	.112	.064	.020	.098	.056	.018	.086	.049	.016	.074	.043	.014		
2.0	.108	.059	.018	.102	.056	.017	.091	.050	.016	.080	.045	.014	.070	.040	.013		
3.0	.098	.052	.016	.093	.050	.015	.084	.045	.014	.075	.041	.013	.067	.037	.011		
4.0	.091	.047	.014	.086	.045	.013	.078	.042	.012	.071	.038	.011	.064	.035	.011		
5.0	.084	.043	.012	.080	.041	.012	.073	.038	.011	.067	.035	.011	.061	.033	.010		
6.0	.078	.039	.011	.075	.038	.011	.069	.035	.010	.064	.033	.010	.058	.031	.009		
7.0	.073	.036	.010	.070	.035	.010	.065	.033	.010	.061	.031	.009	.056	.029	.009		
8.0	.069	.034	.009	.067	.033	.009	.062	.031	.009	.058	.029	.008	.054	.028	.008		
9.0	.065	.032	.009	.063	.031	.009	.059	.029	.008	.055	.028	.008	.052	.026	.008		
10.0	.062	.030	.008	.060	.029	.008	.056	.028	.008	.053	.026	.007	.050	.025	.007		

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	.186	.177	.168	.159	.152	.145	.109	.104	.100	.063	.060	.058	.020	.019	.019		
2.0	.167	.152	.139	.143	.131	.120	.098	.090	.084	.056	.053	.049	.018	.017	.016		
3.0	.151	.132	.118	.129	.114	.102	.089	.079	.072	.051	.046	.042	.016	.015	.014		
4.0	.137	.117	.101	.118	.101	.088	.081	.070	.062	.047	.041	.037	.015	.013	.012		
5.0	.126	.104	.088	.108	.090	.077	.074	.063	.054	.043	.037	.032	.014	.012	.011		
6.0	.116	.094	.078	.100	.081	.068	.069	.057	.048	.040	.033	.029	.013	.011	.009		
7.0	.107	.085	.070	.092	.074	.061	.064	.052	.043	.037	.031	.026	.012	.010	.008		
8.0	.100	.078	.063	.086	.068	.055	.060	.048	.039	.035	.028	.023	.011	.009	.008		
9.0	.094	.072	.058	.081	.063	.050	.056	.044	.036	.033	.026	.021	.011	.009	.007		
10.0	.089	.067	.053	.077	.058	.046	.053	.041	.033	.031	.024	.020	.010	.008	.007		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2025-02-13

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:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

UGR(Unified Glare Rating) Table

NAME: TLO010-41					TYPE:3000K CRI90 23.3D					WEIGHT:1				
SPEC.:LC 14/250-350/40 flexC R ADV2					DIM.:					SERIAL No.:				
MFR.: ENCORE					SUR.:54					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	3.0	3.5	3.3	3.7	3.9	3.1	3.6	3.3	3.8	3.9				
3H	4.8	5.3	5.1	5.5	5.7	4.9	5.3	5.1	5.5	5.8				
4H	5.6	6.0	5.9	6.3	6.5	5.6	6.1	5.9	6.3	6.6				
6H	6.2	6.6	6.5	6.9	7.2	6.2	6.6	6.5	6.9	7.2				
8H	6.4	6.8	6.7	7.1	7.4	6.4	6.8	6.7	7.1	7.4				
12H	6.6	7.0	6.9	7.3	7.6	6.5	6.9	6.8	7.2	7.5				
4H 2H	3.8	4.2	4.0	4.4	4.7	3.8	4.2	4.1	4.5	4.7				
3H	5.7	6.1	6.0	6.4	6.7	5.8	6.2	6.1	6.5	6.8				
4H	6.6	7.0	7.0	7.3	7.7	6.6	7.0	7.0	7.3	7.7				
6H	7.3	7.7	7.7	8.0	8.4	7.3	7.6	7.7	8.0	8.4				
8H	7.6	7.9	8.0	8.3	8.7	7.5	7.8	7.9	8.2	8.6				
12H	7.8	8.0	8.2	8.5	8.9	7.6	7.9	8.1	8.3	8.8				
8H 4H	6.9	7.2	7.3	7.6	8.0	6.9	7.3	7.4	7.6	8.0				
6H	7.8	8.0	8.2	8.5	8.9	7.7	8.0	8.2	8.4	8.9				
8H	8.1	8.4	8.6	8.8	9.3	8.0	8.3	8.5	8.7	9.2				
12H	8.4	8.6	8.9	9.1	9.6	8.2	8.4	8.7	8.9	9.4				
12H 4H	6.9	7.2	7.4	7.6	8.1	7.0	7.2	7.4	7.6	8.1				
6H	7.8	8.1	8.3	8.5	9.0	7.8	8.0	8.3	8.5	9.0				
8H	8.2	8.4	8.7	8.9	9.4	8.1	8.3	8.6	8.8	9.3				
Variations with the observer position at spacings:														
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2								
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2								
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2								

CIE Pub.117, 678.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.3)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2025-02-13

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:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

UTILIZATION FACTORS TABLE

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	84	80	89	83	80	88	83	80	76
0.80	96	91	88	96	91	87	94	90	87	83
1.00	100	95	92	99	94	91	97	94	91	87
1.25	104	99	96	103	98	95	100	97	94	90
1.50	106	102	99	105	101	98	102	99	97	92
2.00	109	105	102	107	103	101	104	101	99	93
2.50	110	107	104	108	105	103	105	102	100	94
3.00	112	108	106	110	107	105	106	104	102	95
4.00	114	111	109	111	109	107	107	106	104	96
5.00	115	113	111	112	111	109	108	107	106	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

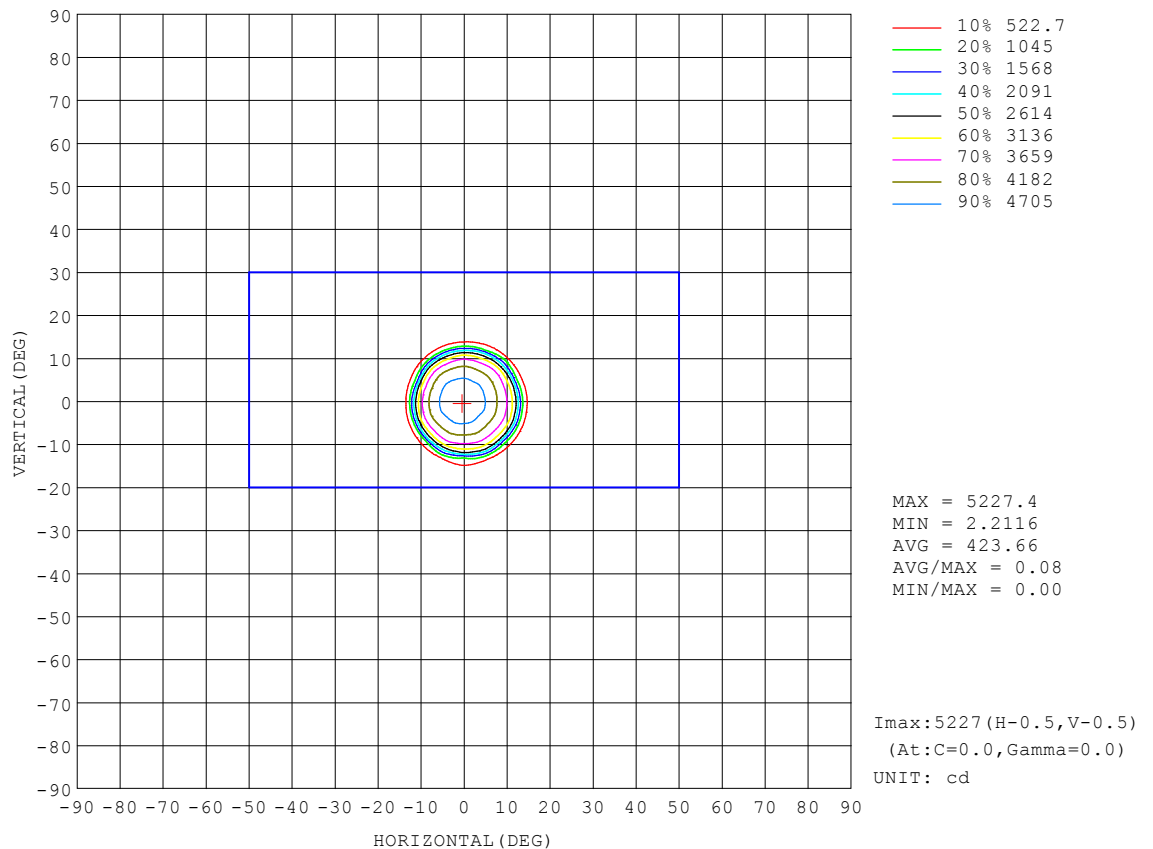
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TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

ISOCANDELA DIAGRAM

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



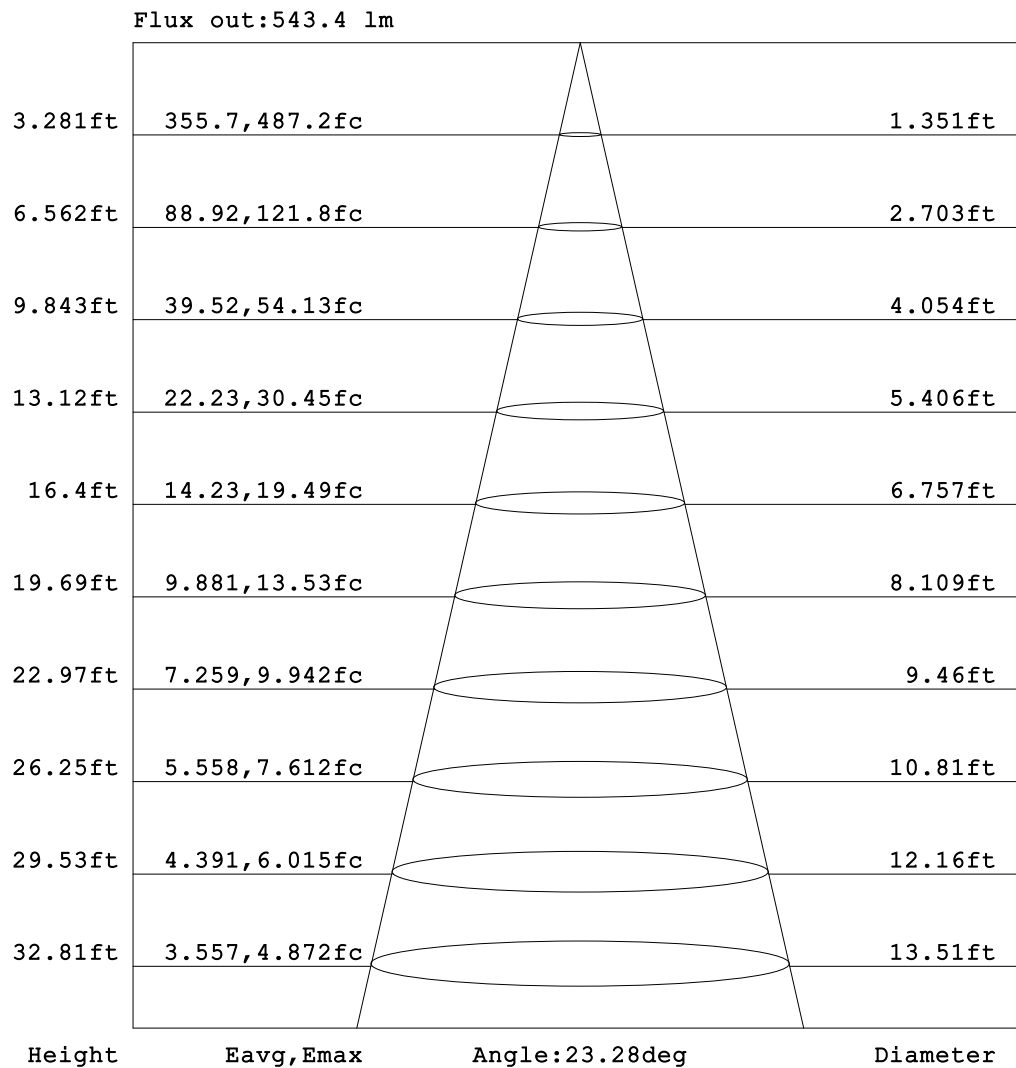
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
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Humidity:65.0%
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Remarks:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

AAI Figure

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



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

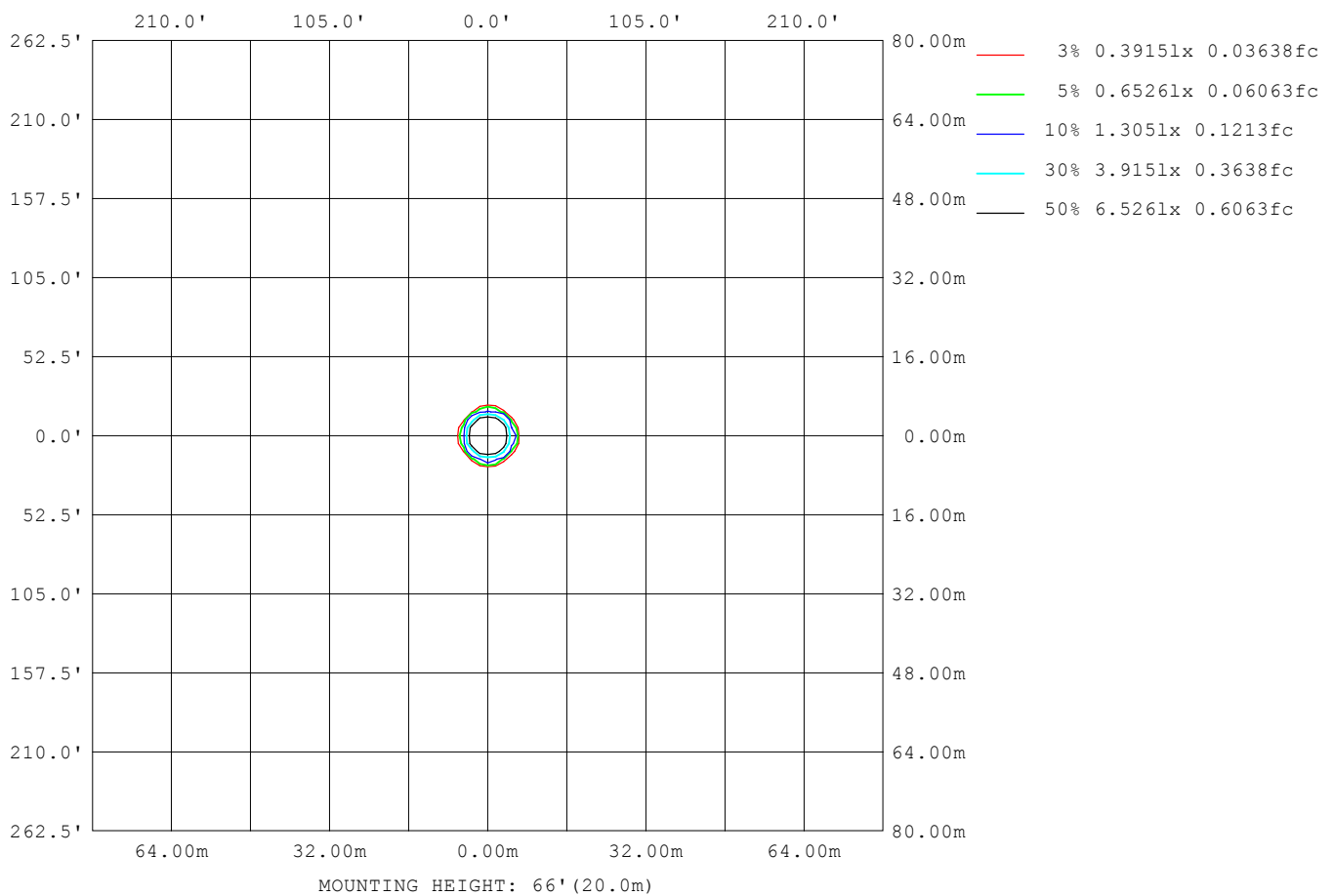
C Range: 0 - 360DEG
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Humidity:65.0%
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Remarks:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

ISOLUX DIAGRAM

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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Remarks:

TLO010-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.3D) NA

LED Avg.L Report

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:

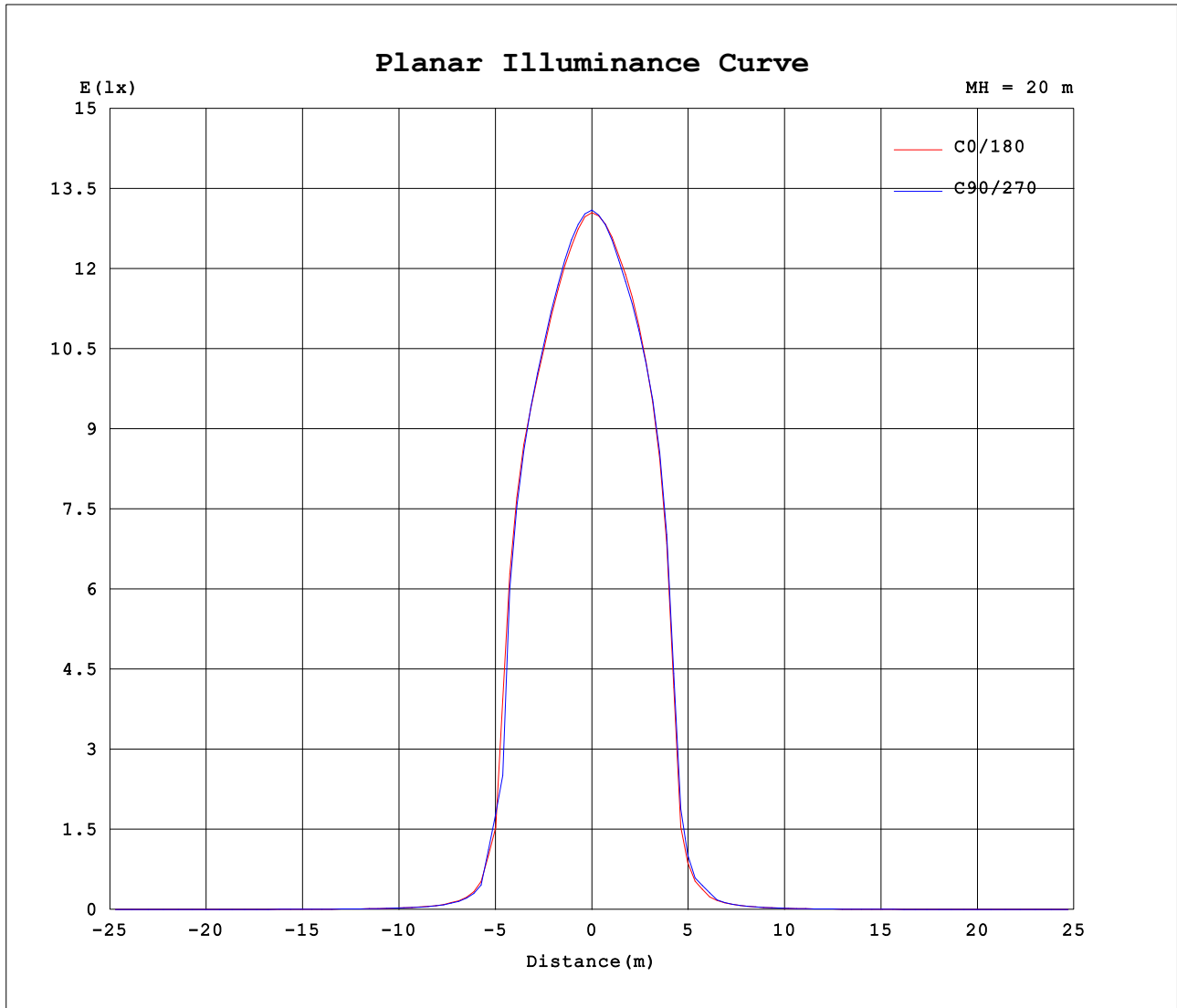
AvgL	cd/m2
L_0~180 (65) av	1641
L_0~180 (75) av	1583
L_0~180 (85) av	1174
L_90~270 (65) av	1631
L_90~270 (75) av	1621
L_90~270 (85) av	1205
L_45 (65) av	1638
L_45 (75) av	1604
L_45 (85) av	1189

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
 Test Date:2025-02-13

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



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LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-41	TYPE:3000K CRI90 23.3D	WEIGHT:1
SPEC.:LC 14/250-350/40 flexC R ADV2	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	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	5233	5233	5233	5233	5233	5233	5233	5233	5233	5233	5233	5233	5233	5233	5233	5233			
5	4706	4724	4667	4725	4727	4774	4753	4811	4824	4813	4822	4771	4752	4708	4723	4684			
10	3656	3688	3608	3661	3594	3674	3541	3613	3541	3433	3549	3472	3580	3530	3671	3615			
15	453	436	439	380	497	329	262	269	237	218	243	231	263	264	329	398			
20	63.8	64.6	62.9	61.3	59.7	57.3	56.0	52.1	48.6	46.4	49.2	48.9	49.8	49.0	54.9	58.4			
25	21.6	22.9	22.0	22.4	21.1	21.4	19.8	20.1	19.1	18.4	19.1	18.6	19.1	18.7	20.3	20.5			
30	10.9	11.3	11.1	11.3	10.8	10.9	10.3	10.3	9.95	9.66	9.93	9.76	9.92	9.77	10.3	10.5			
35	6.48	6.64	6.54	6.64	6.40	6.42	6.15	6.14	5.97	5.83	5.97	5.92	5.97	5.90	6.12	6.20			
40	4.45	4.55	4.50	4.57	4.47	4.45	4.31	4.29	4.22	4.17	4.25	4.25	4.26	4.24	4.31	4.33			
45	3.61	3.65	3.64	3.64	3.57	3.55	3.46	3.41	3.37	3.36	3.47	3.52	3.53	3.56	3.57	3.56			
50	2.94	2.96	2.96	2.95	2.89	2.87	2.80	2.75	2.71	2.70	2.77	2.82	2.85	2.87	2.89	2.89			
55	2.42	2.44	2.45	2.44	2.43	2.40	2.37	2.33	2.29	2.28	2.30	2.31	2.32	2.32	2.33	2.36			
60	2.11	2.12	2.15	2.14	2.15	2.13	2.12	2.09	2.06	2.04	2.03	2.02	2.00	2.01	2.02	2.06			
65	1.85	1.86	1.88	1.88	1.88	1.87	1.86	1.84	1.81	1.81	1.80	1.77	1.76	1.76	1.78	1.81			
70	1.54	1.54	1.55	1.55	1.55	1.54	1.51	1.50	1.45	1.46	1.47	1.45	1.45	1.47	1.48	1.49			
75	1.15	1.15	1.14	1.14	1.14	1.12	1.08	1.07	1.02	1.03	1.06	1.06	1.08	1.10	1.10	1.10			
80	0.74	0.74	0.72	0.71	0.70	0.68	0.65	0.64	0.59	0.61	0.64	0.65	0.67	0.70	0.70	0.69			
85	0.34	0.33	0.31	0.29	0.28	0.26	0.24	0.23	0.20	0.21	0.24	0.26	0.28	0.30	0.31	0.30			
90	0.13	0.14	0.13	0.13	0.14	0.14	0.13	0.14	0.13	0.11	0.13	0.12	0.14	0.12	0.13	0.11			
95	0.14	0.15	0.14	0.15	0.14	0.15	0.14	0.15	0.16	0.14	0.15	0.14	0.16	0.14	0.15	0.14			
100	0.14	0.16	0.14	0.16	0.15	0.16	0.14	0.16	0.18	0.16	0.17	0.16	0.17	0.16	0.17	0.15			
105	0.16	0.16	0.16	0.16	0.15	0.16	0.15	0.16	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17			
110	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.16	0.17	0.16	0.17	0.16	0.17			
115	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.16	0.14	0.16	0.14	0.16	0.15	0.16			
120	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.14	0.15	0.15	0.15	0.15	0.15			
125	0.18	0.20	0.18	0.20	0.19	0.21	0.20	0.22	0.20	0.19	0.20	0.17	0.20	0.17	0.18	0.16			
130	0.81	0.75	0.84	0.79	0.86	0.86	0.99	0.99	0.87	0.95	0.85	0.88	0.81	0.83	0.71	0.73			
135	2.76	2.67	2.78	2.72	2.81	2.83	3.02	2.98	2.74	2.80	2.69	2.72	2.63	2.64	2.47	2.48			
140	5.46	5.38	5.48	5.44	5.58	5.55	5.73	5.71	5.42	5.49	5.37	5.46	5.30	5.31	5.11	5.13			
145	8.25	8.20	8.28	8.26	8.36	8.38	8.56	8.54	8.30	8.39	8.26	8.32	8.18	8.19	7.98	7.99			
150	10.5	10.4	10.5	10.5	10.5	10.6	10.7	10.7	10.6	10.7	10.6	10.6	10.5	10.6	10.4	10.4			
155	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.4	11.4			
160	11.7	11.6	11.5	11.6	11.8	11.8	11.7	11.8	12.0	11.9	11.8	11.9	11.9	11.6	11.2	11.0			
165	10.7	10.4	10.3	10.6	10.9	10.8	10.7	10.8	11.1	10.9	10.8	10.9	11.0	10.3	9.77	9.36			
170	7.90	8.03	7.99	8.16	8.07	8.38	8.38	8.45	8.42	8.59	8.43	8.09	7.86	7.71	7.33	6.91			
175	4.95	4.98	4.94	4.82	4.65	4.97	5.25	5.30	5.23	5.35	5.44	4.97	4.60	4.57	4.46	4.02			
180	3.12	3.05	3.26	2.97	3.01	2.89	3.15	2.90	3.11	3.05	3.25	2.97	3.00	2.90	3.15	2.89			

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