

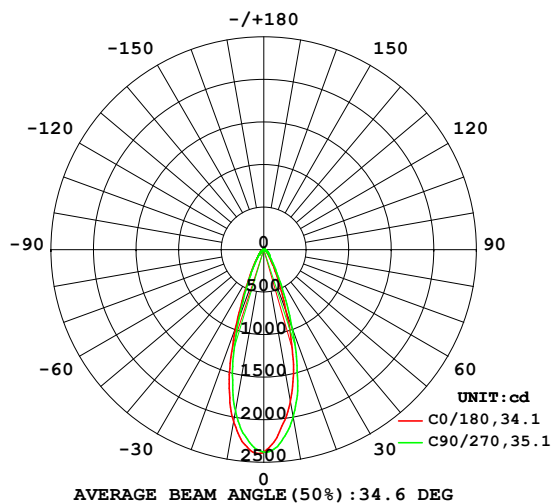
TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

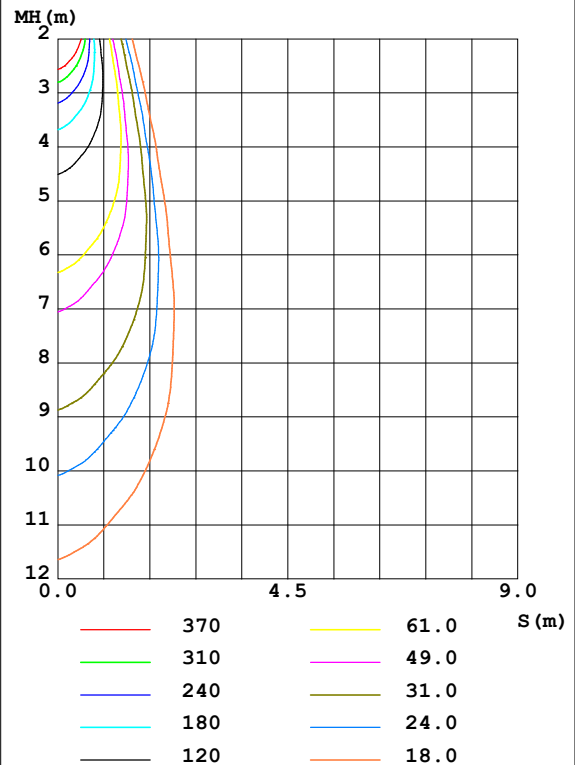
NAME: TLO015-21	TYPE: 34.6D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.49 lm/W			
MODEL		I _{max} (cd)	2434	S/MH (C0/180)	0.57
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.55
RATED VOLTAGE (V)	110	TOTAL FLUX (lm)	1097.7	η UP, DN (C0-180)	1.2, 50.6
NOMINAL FLUX (lm)	1097.71	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 47.0
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: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 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	1808	1812	1995	2195	2051	2072	1927	1755	0- 10	205.4	205.4	18.7,18.7
20	776.3	785.1	974.8	1194	969.4	1037	855.8	665.9	10- 20	397.3	602.7	54.9,54.9
30	233.4	234.6	300.5	344.1	283.5	313.7	261.4	204.1	20- 30	233.9	836.6	76.2,76.2
40	98.35	100.8	119.1	128.5	113.4	122.1	108.2	90.49	30- 40	107.3	943.9	86,86
50	54.74	56.85	64.21	67.58	61.01	65.21	58.94	51.61	40- 50	62.44	1006	91.7,91.7
60	29.16	30.04	35.33	38.17	33.50	34.96	30.48	25.44	50- 60	40.63	1047	95.4,95.4
70	8.273	8.531	11.94	14.04	10.14	10.92	8.527	5.783	60- 70	19.95	1067	97.2,97.2
80	0.3512	0.4221	0.9084	1.094	0.3161	0.3755	0.3098	0.2837	70- 80	3.897	1071	97.5,97.5
90	0.3488	0.3677	0.3549	0.3269	0.2951	0.3041	0.3416	0.3500	80- 90	0.3700	1071	97.6,97.6
100	0.5595	0.5835	0.5500	0.4876	0.4847	0.4937	0.5618	0.5816	90-100	0.4642	1072	97.6,97.6
110	0.9489	1.002	0.9181	0.7902	0.8037	0.8245	0.9349	0.9918	100-110	0.7376	1072	97.7,97.7
120	1.898	2.042	1.813	1.498	1.539	1.576	1.857	2.055	110-120	1.253	1074	97.8,97.8
130	4.318	4.569	4.064	3.413	3.529	3.566	4.213	4.726	120-130	2.459	1076	98,98
140	8.248	8.533	7.909	6.941	7.100	7.167	8.093	8.773	130-140	4.477	1081	98.4,98.4
150	12.05	12.36	12.00	11.16	11.23	11.35	12.16	12.52	140-150	6.162	1087	99,99
160	13.38	13.73	14.13	13.80	13.51	13.75	14.08	13.48	150-160	6.019	1093	99.5,99.5
170	11.97	12.34	13.20	13.26	12.77	13.05	12.89	11.86	160-170	3.802	1097	99.9,99.9
180	11.56	12.16	12.25	12.00	11.59	12.15	12.22	12.02	170-180	1.168	1098	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

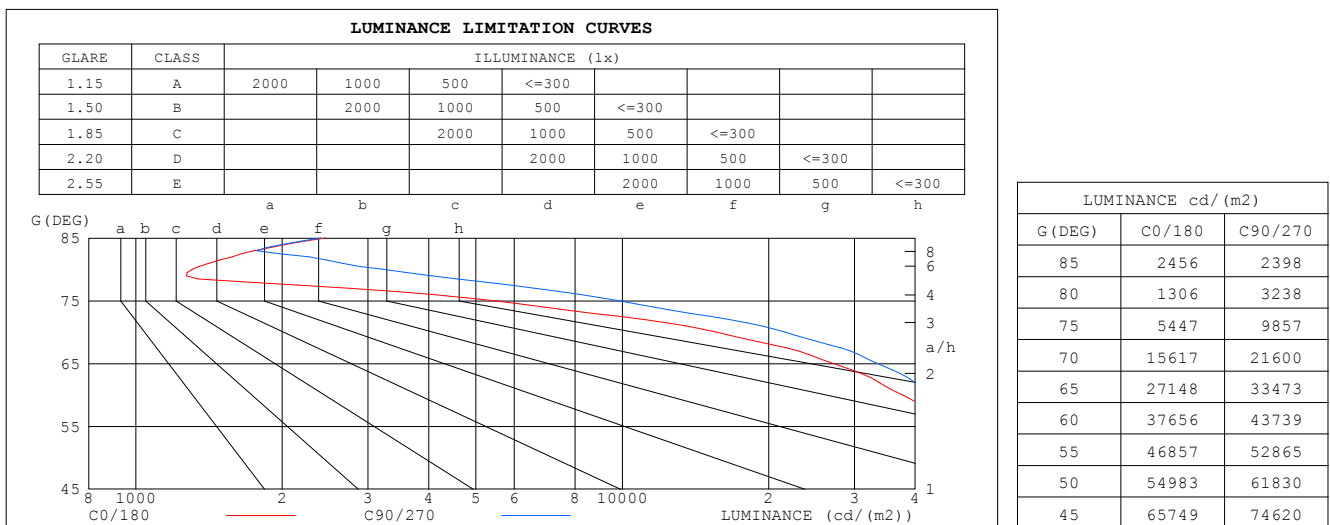
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO015-21	TYPE: 34.6D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



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

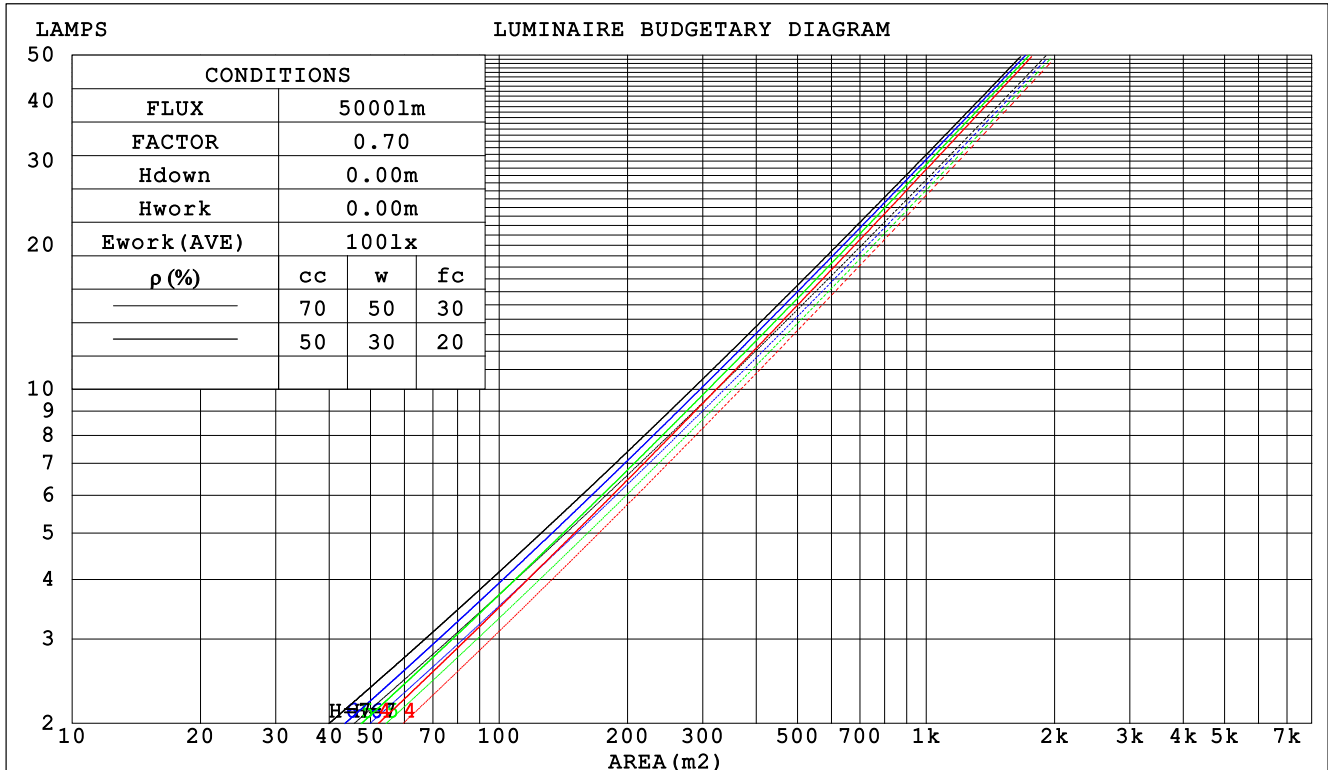
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO015-21	TYPE: 34.6D	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	.97	.95	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.97	.92	.88	.95	.91	.87	.92	.88	.85	.89	.86	.84	.87	.84	.82	.81
4.0	.91	.86	.82	.90	.85	.81	.87	.83	.80	.85	.81	.79	.83	.80	.77	.76
5.0	.86	.80	.76	.85	.80	.76	.83	.78	.75	.81	.77	.74	.79	.76	.73	.72
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.77	.73	.70	.76	.72	.69	.68
7.0	.77	.72	.68	.76	.71	.68	.75	.70	.67	.74	.70	.66	.72	.69	.66	.65
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.66	.63	.69	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.63	.60	.67	.63	.60	.59
10.0	.67	.62	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.58	.56



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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO015-21	TYPE:34.6D	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	.174	.099	.031	.166	.095	.030	.153	.087	.028	.140	.081	.026	.128	.074	.024		
2.0	.165	.091	.028	.159	.088	.027	.147	.082	.025	.136	.077	.024	.126	.071	.023		
3.0	.156	.083	.025	.151	.081	.024	.141	.076	.023	.131	.072	.022	.123	.068	.021		
4.0	.147	.077	.023	.143	.075	.022	.134	.071	.021	.126	.068	.020	.118	.064	.020		
5.0	.139	.071	.021	.135	.069	.020	.128	.066	.020	.120	.063	.019	.114	.061	.018		
6.0	.132	.066	.019	.128	.065	.019	.122	.062	.018	.115	.060	.018	.109	.057	.017		
7.0	.125	.062	.018	.122	.061	.017	.116	.059	.017	.110	.057	.016	.105	.055	.016		
8.0	.119	.058	.016	.116	.057	.016	.111	.055	.016	.106	.054	.015	.101	.052	.015		
9.0	.114	.055	.015	.111	.054	.015	.106	.052	.015	.101	.051	.015	.097	.049	.014		
10.0	.108	.052	.014	.106	.051	.014	.102	.050	.014	.098	.048	.014	.094	.047	.014		

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	.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	.151	.118	.092	.129	.102	.080	.089	.071	.056	.051	.041	.033	.017	.014	.011	
5.0	.141	.106	.080	.122	.092	.069	.084	.064	.049	.048	.038	.029	.016	.012	.010	
6.0	.134	.097	.070	.115	.084	.061	.079	.059	.043	.046	.034	.026	.015	.011	.008	
7.0	.127	.089	.062	.109	.077	.054	.075	.054	.038	.044	.032	.023	.014	.010	.008	
8.0	.121	.082	.056	.104	.072	.049	.072	.050	.035	.042	.030	.021	.014	.010	.007	
9.0	.115	.077	.051	.099	.067	.045	.069	.047	.032	.040	.028	.019	.013	.009	.006	
10.0	.110	.073	.048	.095	.063	.041	.066	.044	.029	.038	.026	.018	.012	.009	.006	

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO015-21					TYPE:34.6D					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	21.3	22.2	21.6	22.4	22.6	21.9	22.8	22.2	23.0	23.2			
	3H	21.5	22.3	21.8	22.6	22.8	22.2	23.0	22.5	23.3	23.5			
	4H	21.5	22.2	21.8	22.5	22.8	22.2	23.0	22.5	23.2	23.5			
	6H	21.4	22.1	21.7	22.4	22.7	22.1	22.8	22.5	23.1	23.4			
	8H	21.3	22.0	21.7	22.3	22.6	22.1	22.8	22.4	23.1	23.4			
	12H	21.3	22.0	21.7	22.3	22.6	22.0	22.7	22.4	23.0	23.3			
4H	2H	21.5	22.2	21.8	22.5	22.8	22.0	22.8	22.3	23.0	23.3			
	3H	21.7	22.4	22.1	22.7	23.0	22.4	23.0	22.7	23.4	23.7			
	4H	21.7	22.3	22.1	22.6	23.0	22.4	23.0	22.7	23.3	23.7			
	6H	21.6	22.1	22.0	22.5	22.9	22.3	22.8	22.7	23.2	23.6			
	8H	21.5	22.0	22.0	22.4	22.8	22.2	22.7	22.7	23.1	23.5			
	12H	21.5	21.9	21.9	22.3	22.8	22.2	22.6	22.6	23.0	23.5			
8H	4H	21.6	22.1	22.0	22.5	22.9	22.2	22.7	22.7	23.1	23.5			
	6H	21.5	21.9	21.9	22.3	22.8	22.1	22.5	22.6	23.0	23.4			
	8H	21.4	21.8	21.9	22.2	22.7	22.1	22.4	22.6	22.9	23.4			
	12H	21.4	21.7	21.9	22.1	22.7	22.0	22.3	22.5	22.8	23.3			
12H	4H	21.5	22.0	22.0	22.4	22.8	22.2	22.6	22.6	23.0	23.5			
	6H	21.4	21.8	21.9	22.2	22.7	22.1	22.4	22.6	22.9	23.4			
	8H	21.4	21.7	21.9	22.1	22.7	22.0	22.3	22.5	22.8	23.3			
Variations with the observer position at spacings:														
S = 1.0H		+ 0.9 / - 1.4					+ 1.0 / - 1.3							
1.5H		+ 1.0 / - 0.6					+ 1.4 / - 0.9							
2.0H		+ 1.4 / - 1.6					+ 1.6 / - 1.7							

CIE Pub.117, 1098 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

NAME: TLO015-21	TYPE:34.6D	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) x RCR = 5									
k = 0.60	83	76	72	82	75	71	81	75	71	67
0.80	91	84	80	90	84	80	88	83	79	75
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	94	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	102	98	105	100	97	102	98	95	89
2.50	108	104	101	106	103	100	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		

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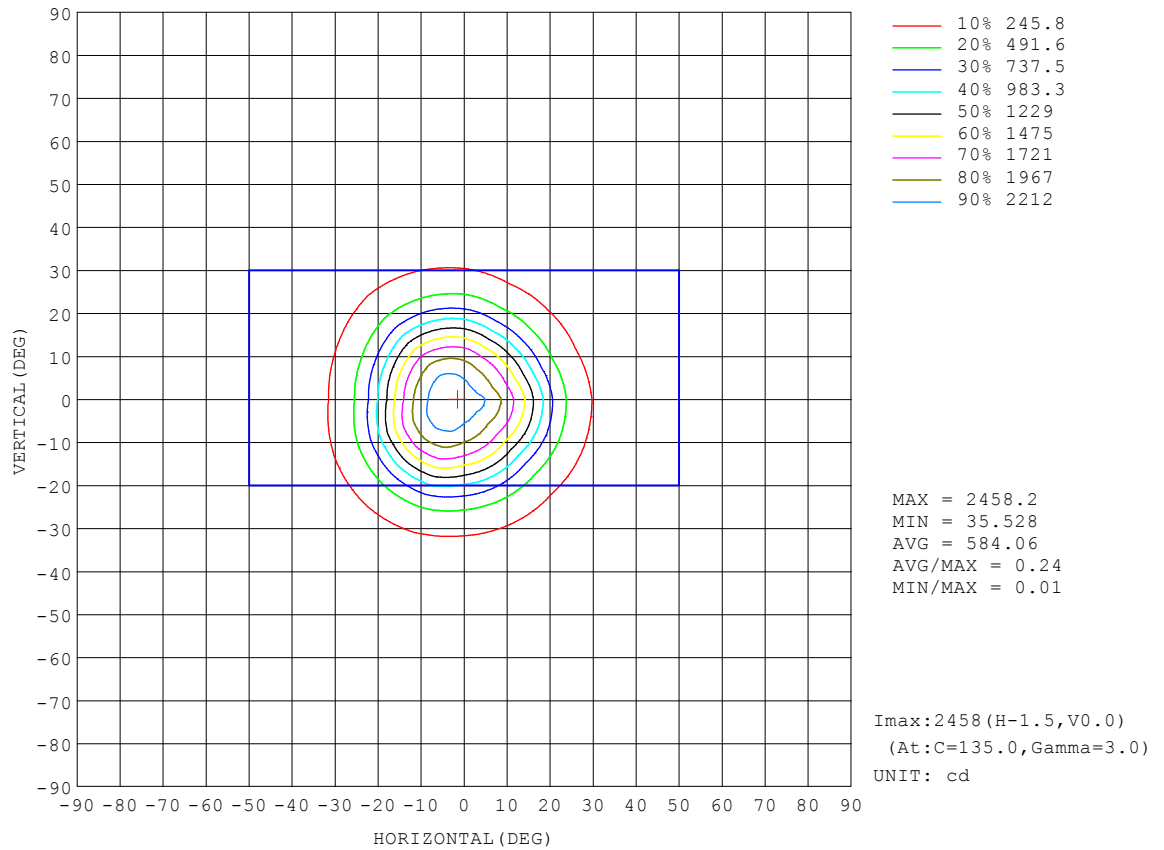
Range: 0 - 180DEG
Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO015-21	TYPE: 34.6D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



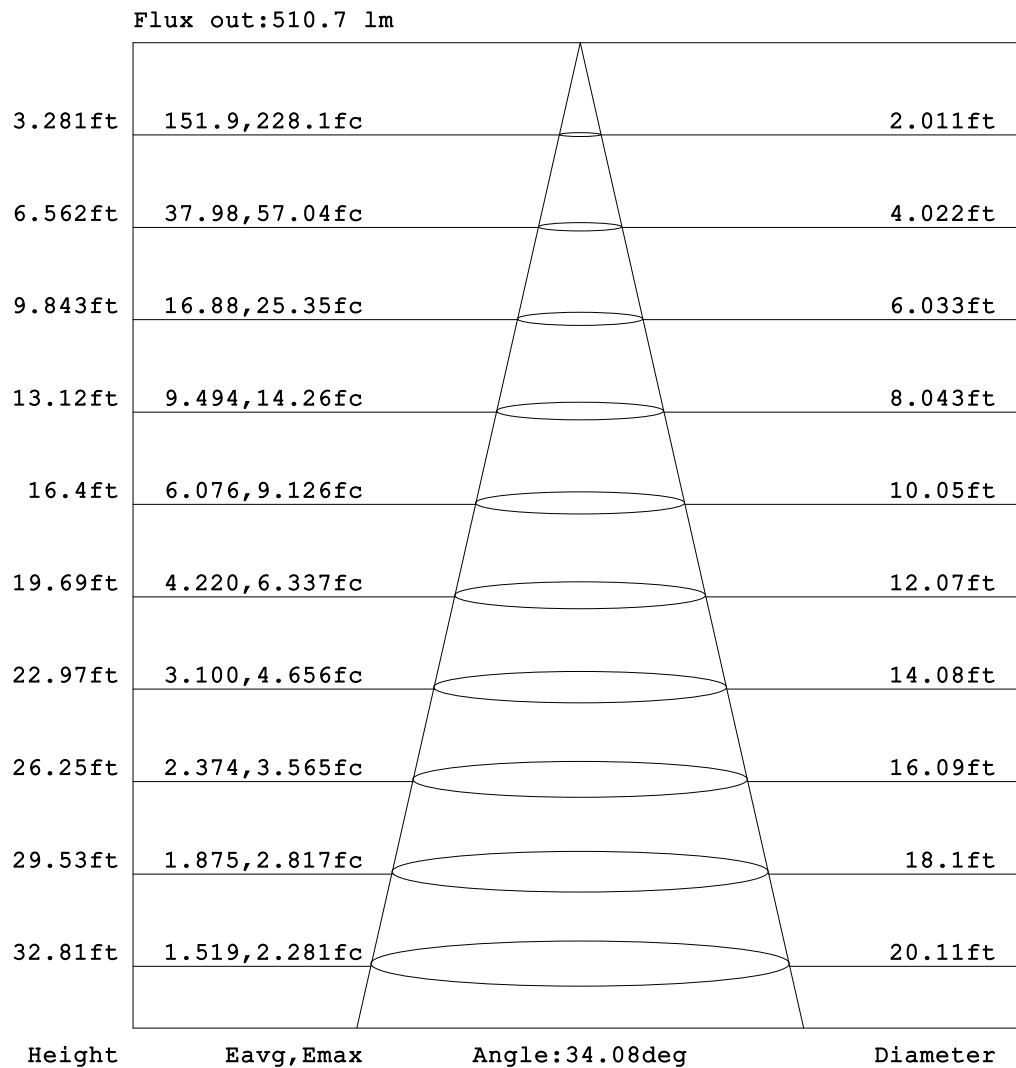
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

AAI Figure

NAME: TLO015-21	TYPE: 34.6D	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.

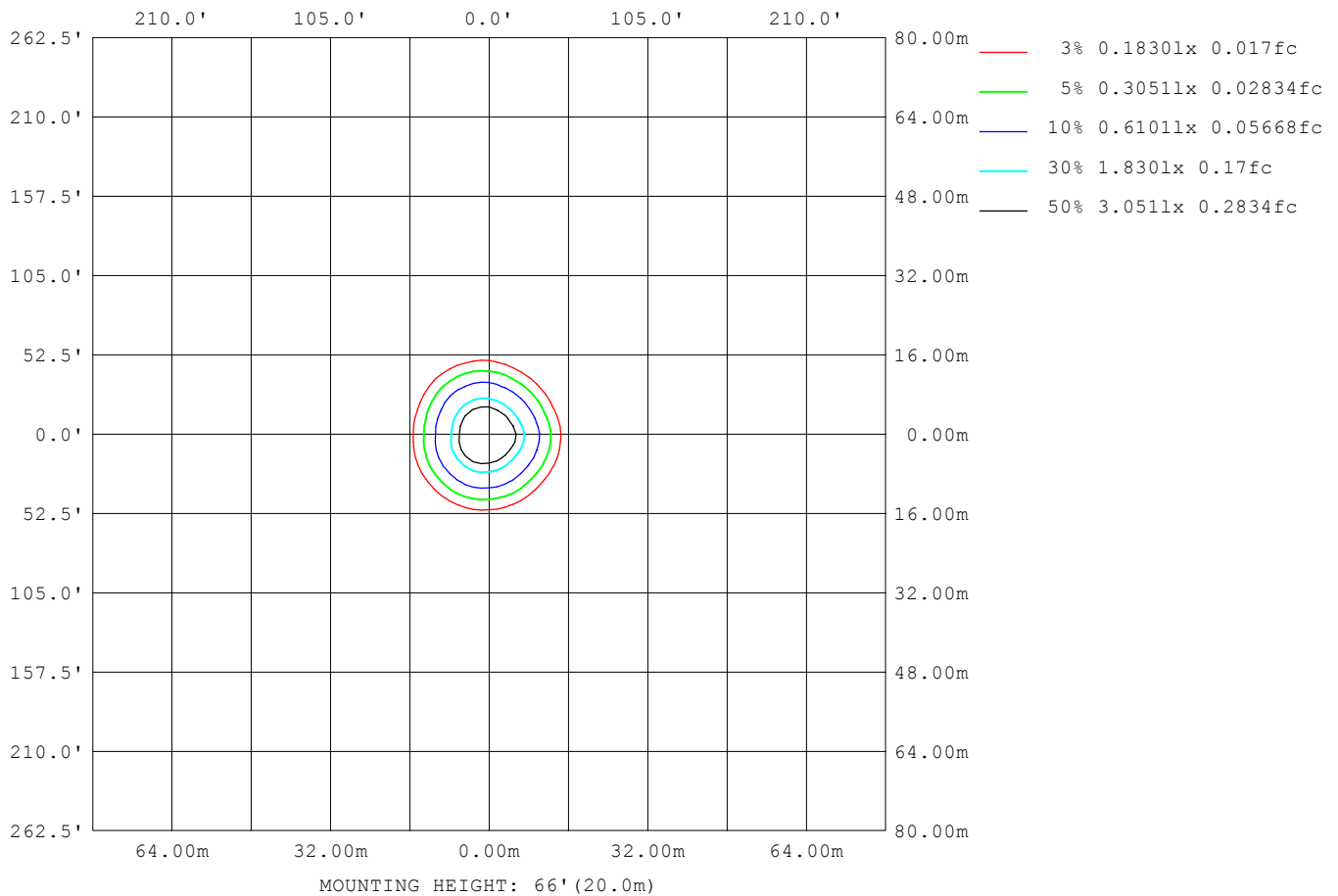
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Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO015-21	TYPE: 34.6D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



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

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO015-21	TYPE:34.6D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:45	Shielding Angle:

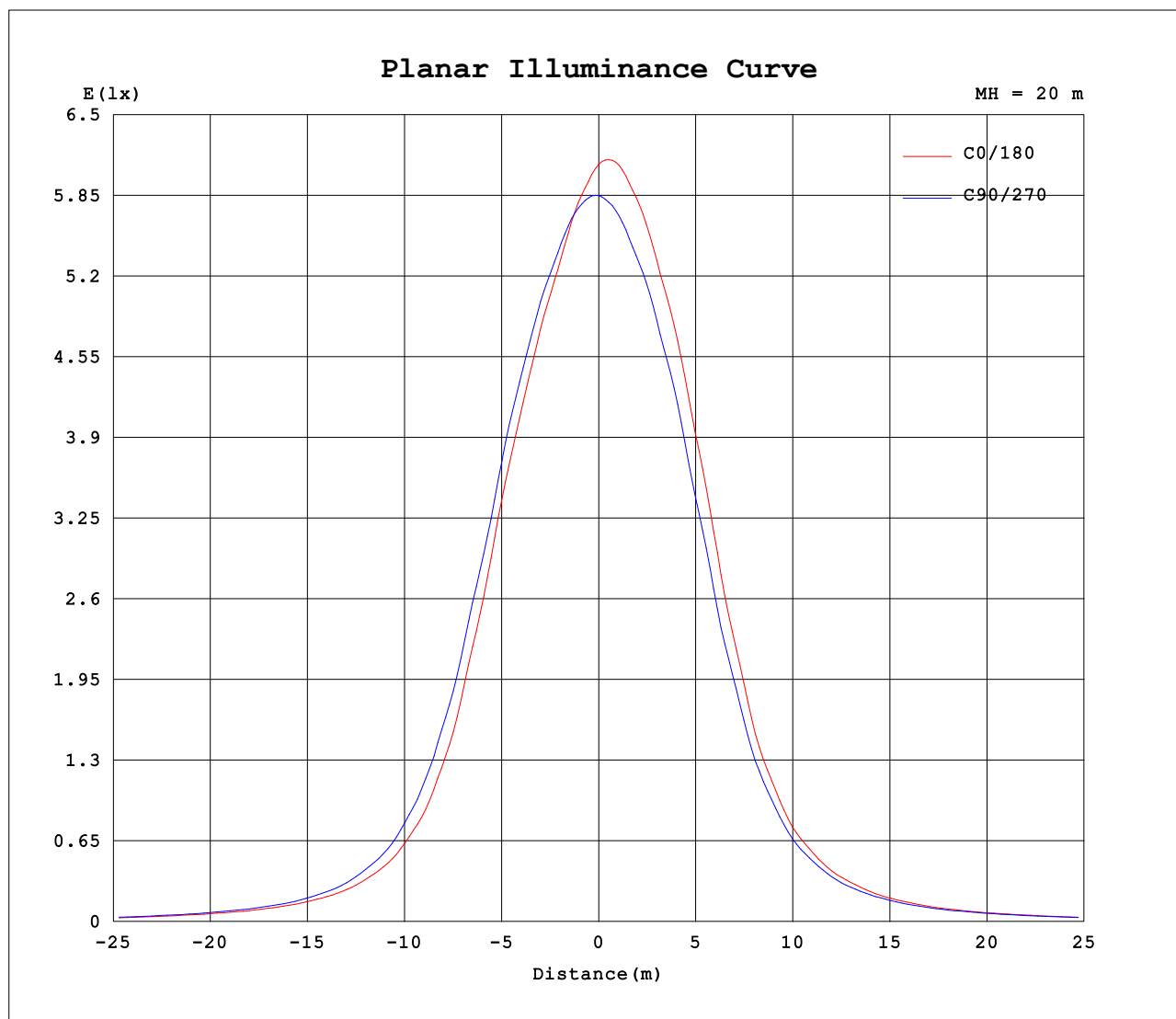
AvgL	cd/m2
L_0~180 (65) av	28782
L_0~180 (75) av	6266
L_0~180 (85) av	2169
L_90~270 (65) av	30418
L_90~270 (75) av	7626
L_90~270 (85) av	2322
L_45 (65) av	29547
L_45 (75) av	7447
L_45 (85) av	2242

Standard: GB/T 29293-2012

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 34.6D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO015-21	TYPE: 34.6D	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	2379	2379	2379	2379	2379	2379	2379	2379	2379	2379	2379	2379	2379	2379	2379	2379			
5	2149	2152	2157	2212	2278	2370	2412	2402	2324	2326	2344	2294	2236	2164	2125	2114			
10	1808	1811	1812	1902	1995	2140	2195	2174	2051	2041	2072	2001	1927	1808	1755	1748			
15	1337	1342	1322	1432	1535	1740	1799	1765	1578	1571	1621	1515	1421	1255	1207	1216			
20	776	794	785	889	975	1161	1194	1151	969	969	1037	941	856	710	666	676			
25	412	420	417	483	540	641	644	618	511	525	566	518	462	378	353	356			
30	233	236	235	269	300	343	344	331	284	290	314	292	261	217	204	205			
35	144	146	147	164	180	199	200	196	172	175	188	177	161	137	130	131			
40	98.3	98.8	101	110	119	127	129	126	113	115	122	118	108	95.0	90.5	91.5			
45	72.0	72.7	74.2	80.1	85.3	89.6	90.3	88.5	81.1	82.9	86.8	84.4	78.3	70.3	67.6	68.2			
50	54.7	55.6	56.8	60.9	64.2	67.2	67.6	66.1	61.0	62.5	65.2	62.8	58.9	53.2	51.6	52.0			
55	41.6	42.3	43.0	46.4	49.0	51.3	51.8	50.6	46.8	47.4	49.4	47.1	44.2	39.3	38.3	38.6			
60	29.2	29.8	30.0	33.2	35.3	37.8	38.2	37.1	33.5	33.6	35.0	32.8	30.5	26.2	25.4	26.1			
65	17.8	18.6	18.4	21.3	22.9	25.3	25.2	24.5	20.9	20.7	21.6	19.8	18.0	14.6	14.1	14.8			
70	8.27	8.70	8.53	10.5	11.9	14.1	14.0	13.2	10.1	10.1	10.9	9.75	8.53	6.24	5.78	6.09			
75	2.18	2.40	2.43	3.38	4.12	5.34	5.35	4.76	2.97	2.95	3.40	2.79	2.15	1.26	1.08	1.16			
80	0.35	0.34	0.42	0.71	0.91	1.27	1.09	0.78	0.32	0.34	0.38	0.35	0.31	0.31	0.28	0.29			
85	0.33	0.33	0.33	0.34	0.34	0.37	0.33	0.32	0.27	0.28	0.28	0.29	0.31	0.29	0.29	0.27			
90	0.35	0.38	0.37	0.38	0.35	0.35	0.33	0.34	0.30	0.28	0.30	0.31	0.34	0.33	0.35	0.32			
95	0.44	0.46	0.46	0.47	0.44	0.42	0.39	0.41	0.38	0.36	0.38	0.39	0.44	0.43	0.45	0.42			
100	0.56	0.58	0.58	0.59	0.55	0.53	0.49	0.51	0.48	0.47	0.49	0.51	0.56	0.56	0.58	0.54			
105	0.72	0.74	0.76	0.75	0.70	0.66	0.62	0.63	0.62	0.61	0.64	0.66	0.72	0.74	0.75	0.71			
110	0.95	0.97	1.00	0.98	0.92	0.85	0.79	0.81	0.80	0.80	0.82	0.87	0.93	0.99	0.99	0.95			
115	1.30	1.33	1.39	1.34	1.25	1.13	1.06	1.07	1.08	1.08	1.11	1.19	1.28	1.38	1.38	1.32			
120	1.90	1.92	2.04	1.93	1.81	1.59	1.50	1.51	1.54	1.55	1.58	1.71	1.86	2.05	2.06	1.96			
125	2.90	2.92	3.09	2.90	2.72	2.36	2.24	2.24	2.31	2.33	2.35	2.57	2.80	3.11	3.17	3.02			
130	4.32	4.38	4.57	4.33	4.06	3.61	3.41	3.42	3.53	3.55	3.57	3.85	4.21	4.60	4.73	4.51			
135	6.14	6.22	6.45	6.16	5.80	5.26	5.00	5.02	5.15	5.12	5.20	5.52	6.02	6.49	6.66	6.37			
140	8.25	8.28	8.53	8.24	7.91	7.25	6.94	6.96	7.10	7.07	7.17	7.55	8.09	8.60	8.77	8.46			
145	10.3	10.3	10.6	10.3	10.03	9.38	9.08	9.08	9.22	9.20	9.31	9.71	10.2	10.7	10.8	10.5			
150	12.0	12.1	12.4	12.2	12.0	11.5	11.2	11.2	11.2	11.2	11.4	11.7	12.2	12.5	12.5	12.2			
155	13.2	13.2	13.5	13.5	13.5	13.1	12.9	12.8	12.8	12.8	12.9	13.3	13.6	13.7	13.5	13.2			
160	13.4	13.5	13.7	14.0	14.1	14.0	13.8	13.7	13.5	13.5	13.8	14.0	14.1	13.9	13.5	13.2			
165	12.8	12.9	13.3	13.7	13.9	14.0	13.9	13.7	13.4	13.5	13.7	13.8	13.8	13.3	12.7	12.6			
170	12.0	12.1	12.3	12.8	13.2	13.3	13.3	13.1	12.8	12.9	13.0	13.0	12.9	12.4	11.9	11.7			
175	11.3	11.5	11.9	12.2	12.4	12.5	12.5	12.3	12.0	12.2	12.5	12.4	12.2	11.9	11.6	11.2			
180	11.6	11.7	12.2	12.1	12.3	12.0	12.0	11.6	11.6	11.7	12.2	12.2	12.2	12.0	12.0	11.5			

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