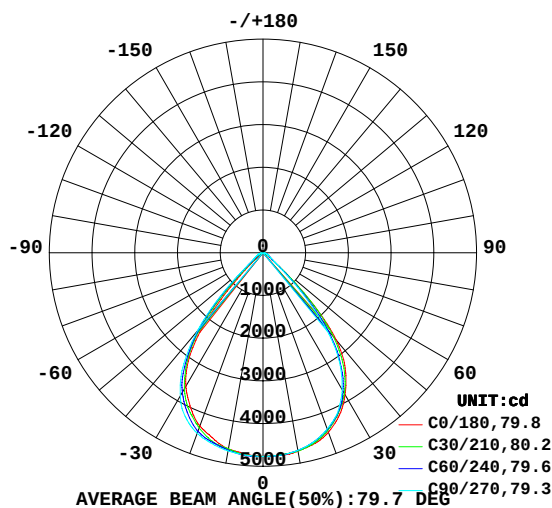


LUMINAIRE PHOTOMETRIC TEST REPORT

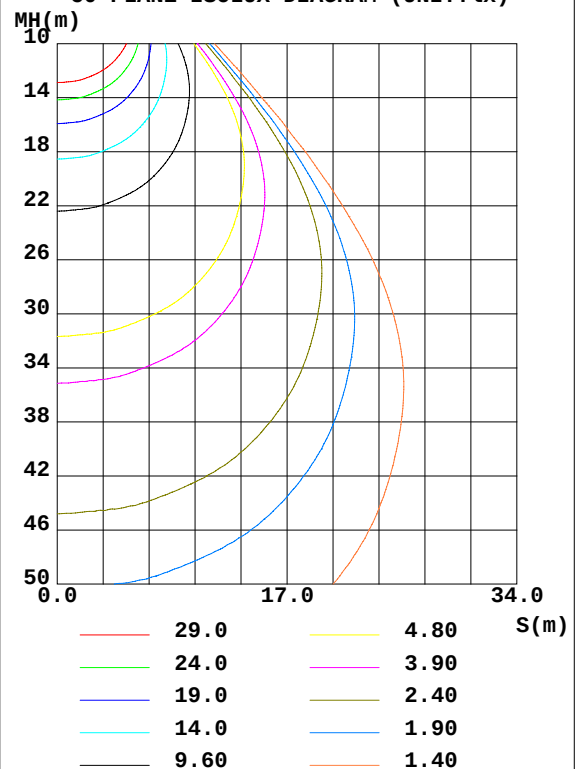
Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.66 lm/W			
MODEL		I _{max} (cd)	4773	S/MH(C0/180)	1.11
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6956.5	η UP, DN(C0-180)	0.0, 50.4
NOMINAL FLUX(lm)	6956.53	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	219.7	η down(%)	100.0	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-04

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

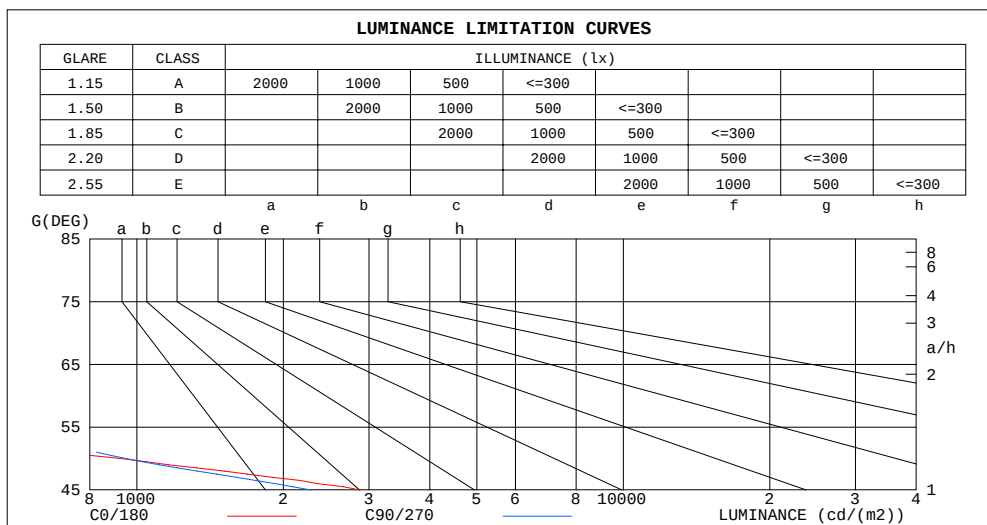
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4711	4703	4696	4721	4661	4678	4711	4738	0- 10	452.2	452.2	6.5,6.5
20	4470	4415	4391	4423	4314	4406	4498	4453	10- 20	1296	1749	25.1,25.1
30	3841	3775	3709	3742	3616	3730	3872	3816	20- 30	1905	3653	52.5,52.5
40	2665	2463	2250	2333	2023	2277	2385	2432	30- 40	1961	5615	80.7,80.7
50	423.0	485.8	439.0	433.4	241.9	391.3	496.9	455.0	40- 50	970.7	6586	94.7,94.7
60	115.3	148.7	180.6	143.1	89.16	143.5	201.3	158.3	50- 60	210.5	6796	97.7,97.7
70	38.91	67.25	95.80	63.39	32.44	62.51	115.0	72.64	60- 70	103.7	6900	99.2,99.2
80	11.16	16.68	37.73	15.96	8.563	15.49	48.17	17.54	70- 80	44.71	6944	99.8,99.8
90	0.6063	0.3253	0.0766	0.1205	0.0776	0.1038	0.1309	0.1117	80- 90	8.686	6953	100,100
100	0.2087	0.1144	0.1054	0.1119	0.1402	0.1879	0.1226	0.1437	90-100	0.1530	6953	100,100
110	0.0965	0.1781	0.2011	0.4777	0.3317	0.3557	0.1646	0.3631	100-110	0.2021	6953	100,100
120	0.4289	0.3293	0.3544	0.8116	0.4983	0.6880	0.3159	0.5546	110-120	0.3864	6954	100,100
130	0.5013	0.5313	0.5096	1.190	1.170	0.8938	0.4517	0.4988	120-130	0.5917	6954	100,100
140	0.6245	0.6606	0.6838	1.126	1.253	0.9541	0.6184	0.6242	130-140	0.6117	6955	100,100
150	0.7304	0.8273	0.8676	1.006	1.107	0.9512	0.8807	0.7619	140-150	0.5306	6956	100,100
160	1.023	1.110	1.057	1.022	1.354	1.079	1.030	1.056	150-160	0.4551	6956	100,100
170	1.391	1.364	1.199	1.228	1.427	1.271	1.187	1.321	160-170	0.3373	6956	100,100
180	1.325	1.250	1.168	1.214	1.332	1.252	1.168	1.215	170-180	0.1230	6957	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-04

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity:50.0%
 Test Distance:6.770m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	103	145
80	90	301
75	141	351
70	160	388
65	249	440
60	324	501
55	437	601
50	923	947
45	2868	2275

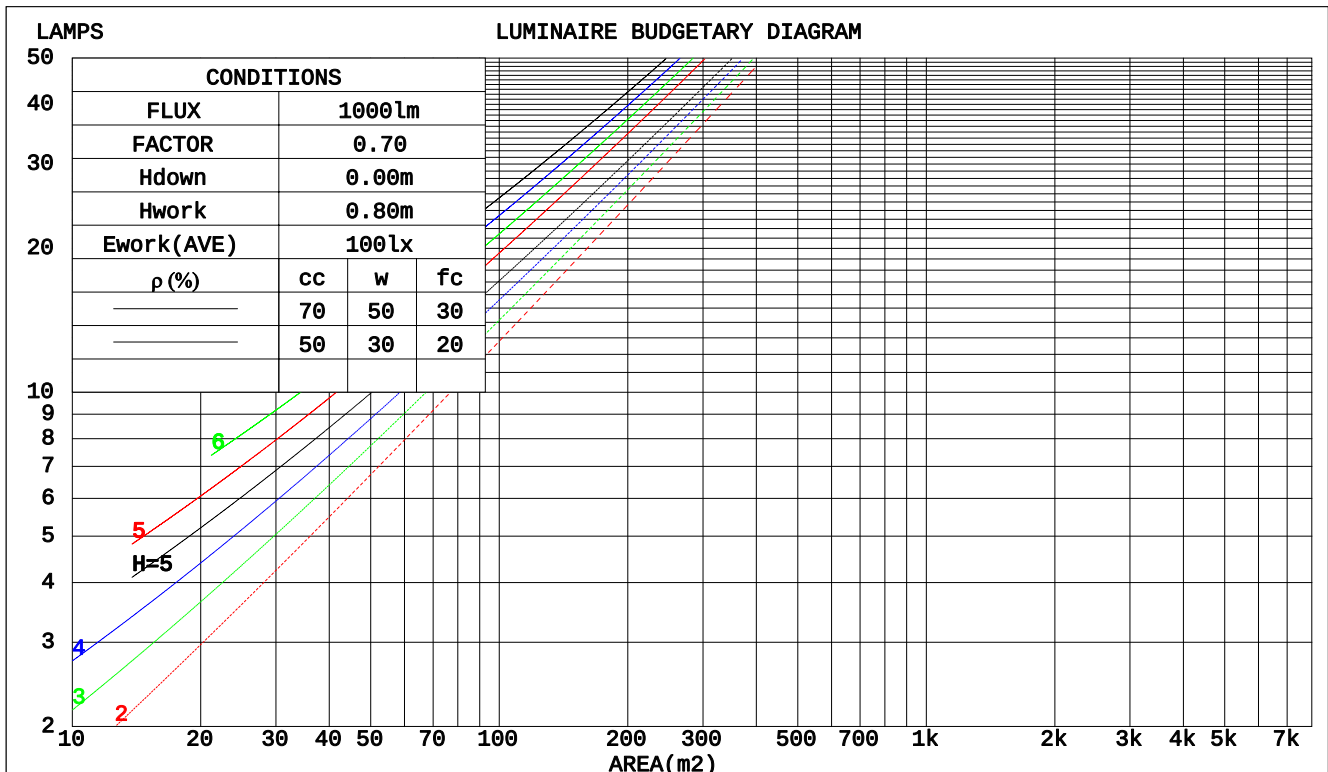
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-04

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.00	.96	.92	.99	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.82	.91	.85	.81	.88	.83	.80	.85	.82	.78	.83	.80	.77	.75
4.0	.85	.78	.73	.83	.78	.73	.81	.76	.72	.79	.75	.71	.77	.73	.70	.69
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.65	.73	.69	.65	.72	.68	.64	.63
6.0	.72	.65	.60	.71	.65	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.57
7.0	.67	.60	.55	.66	.60	.55	.65	.59	.55	.64	.58	.54	.62	.58	.54	.52
8.0	.62	.55	.51	.62	.55	.51	.60	.54	.50	.59	.54	.50	.58	.53	.50	.48
9.0	.58	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.50	.46	.45
10.0	.54	.48	.43	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-04

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity: 50.0%
Test Distance: 6.770m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm									
NAME: WL-2RTST345D(5000K)					TYPE:			WEIGHT:	
SPEC.:					DIM.:			SERIAL No.:	
MFR.: Shenzhen Wisdom Light Co., ltd					SUR.:1.2*0.6			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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.204	.116	.037	.197	.112	.036	.184	.106	.034	.172	.099	.032	.161	.094	.030	
2.0	.197	.108	.033	.191	.105	.032	.180	.100	.031	.170	.096	.030	.161	.091	.029	
3.0	.189	.100	.030	.184	.098	.030	.174	.094	.029	.166	.091	.028	.157	.087	.027	
4.0	.180	.093	.027	.175	.092	.027	.167	.089	.026	.160	.086	.026	.153	.083	.025	
5.0	.171	.087	.025	.167	.086	.025	.160	.083	.025	.153	.081	.024	.147	.079	.024	
6.0	.163	.082	.023	.160	.081	.023	.153	.079	.023	.147	.077	.023	.142	.075	.022	
7.0	.155	.077	.022	.152	.076	.022	.147	.074	.021	.141	.072	.021	.136	.071	.021	
8.0	.148	.072	.020	.146	.072	.020	.140	.070	.020	.136	.069	.020	.131	.067	.020	
9.0	.142	.068	.019	.139	.068	.019	.135	.067	.019	.130	.065	.019	.126	.064	.019	
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.018	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.160	.133	.110	.137	.114	.095	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.149	.114	.086	.128	.098	.075	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.100	.069	.120	.086	.060	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.089	.056	.114	.077	.049	.078	.054	.035	.045	.031	.021	.015	.010	.007	
6.0	.126	.080	.047	.108	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.119	.072	.040	.103	.063	.034	.071	.044	.024	.041	.026	.015	.013	.008	.005	
8.0	.114	.066	.034	.098	.058	.030	.068	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.109	.061	.029	.094	.053	.026	.065	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.104	.057	.026	.090	.050	.023	.062	.035	.016	.036	.021	.010	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-04

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity:50.0%
 Test Distance:6.770m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm										
NAME: WL-2RTST345D(5000K)					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Shenzhen Wisdom Light Co., ltd					SUR.:1.2*0.6			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	12.6	13.7	12.8	13.9	14.1	12.1	13.2	12.3	13.4	13.6
3H	12.4	13.5	12.7	13.7	13.9	12.1	13.1	12.3	13.3	13.5
4H	12.4	13.3	12.7	13.6	13.8	12.1	13.0	12.4	13.3	13.5
6H	12.3	13.2	12.6	13.4	13.7	12.0	12.9	12.3	13.2	13.4
8H	12.2	13.1	12.6	13.4	13.6	12.0	12.9	12.3	13.1	13.4
12H	12.2	13.0	12.5	13.3	13.6	12.0	12.8	12.3	13.1	13.4
4H 2H	12.4	13.3	12.7	13.6	13.8	11.9	12.8	12.2	13.1	13.3
3H	12.2	13.1	12.6	13.4	13.6	11.9	12.8	12.3	13.0	13.3
4H	12.2	12.9	12.5	13.2	13.5	12.0	12.7	12.3	13.0	13.3
6H	12.1	12.8	12.5	13.1	13.4	12.0	12.6	12.3	13.0	13.3
8H	12.1	12.7	12.5	13.0	13.4	11.9	12.6	12.3	12.9	13.3
12H	12.0	12.6	12.4	12.9	13.3	11.9	12.5	12.3	12.8	13.2
8H 4H	12.1	12.7	12.5	13.0	13.4	11.8	12.4	12.2	12.8	13.2
6H	12.0	12.5	12.4	12.9	13.3	11.9	12.4	12.3	12.8	13.2
8H	12.0	12.4	12.4	12.8	13.2	11.9	12.3	12.3	12.7	13.2
12H	11.9	12.3	12.4	12.7	13.2	11.8	12.2	12.3	12.6	13.1
12H 4H	12.0	12.6	12.4	13.0	13.3	11.8	12.3	12.2	12.7	13.1
6H	11.9	12.4	12.4	12.8	13.2	11.8	12.2	12.3	12.7	13.1
8H	11.9	12.3	12.4	12.7	13.2	11.8	12.2	12.3	12.6	13.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 8.6					+ 2.1 / - 5.4				
1.5H	+ 3.8 / - 7.6					+ 3.5 / - 5.1				
2.0H	+ 6.7 / - 5.4					+ 5.1 / - 2.7				

CIE Pub.117, 6957 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.7$)
Area: 0.72 m²

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-04

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	Shielding Angle:

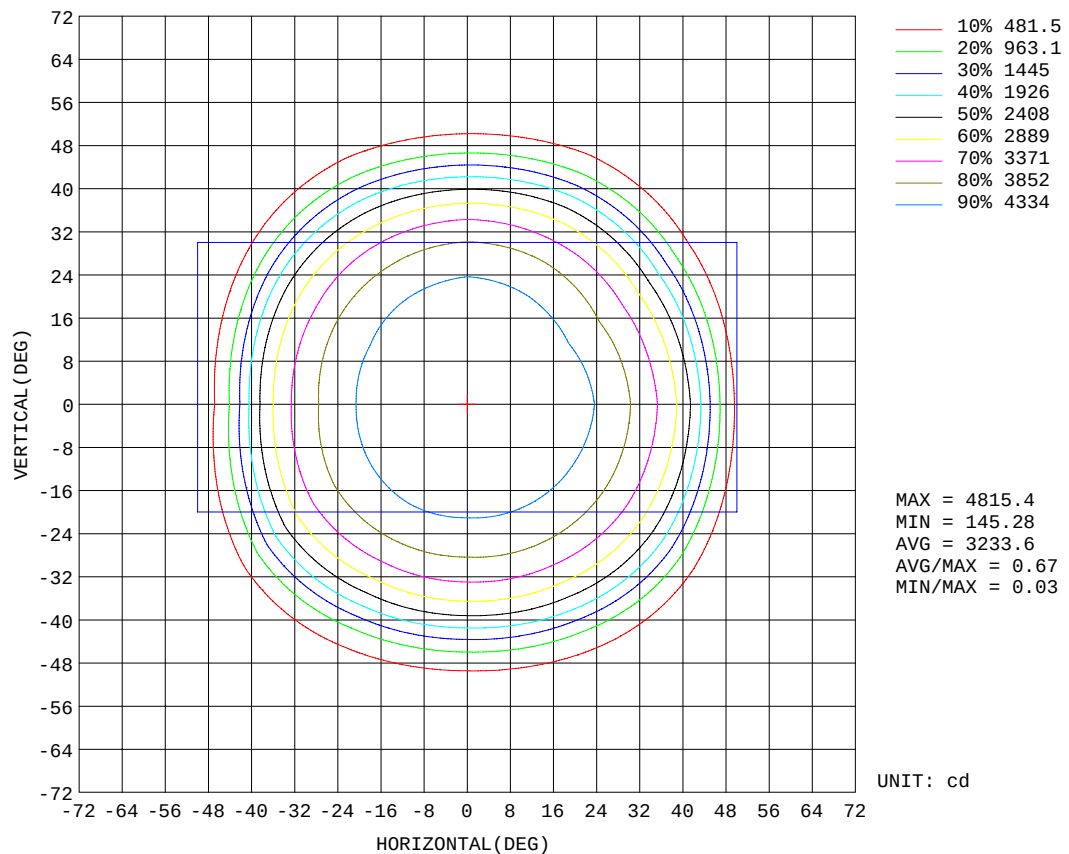
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	79	72	67	79	71	67	78	71	67	62
0.80	88	81	76	87	80	76	86	80	76	71
1.00	94	87	83	93	87	82	91	87	82	77
1.25	99	93	89	98	92	88	96	91	87	82
1.50	102	97	93	101	96	92	99	94	91	86
2.00	106	101	97	105	100	97	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	105	102	105	102	99	93
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	109	112	109	107	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-04

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	Shielding Angle:



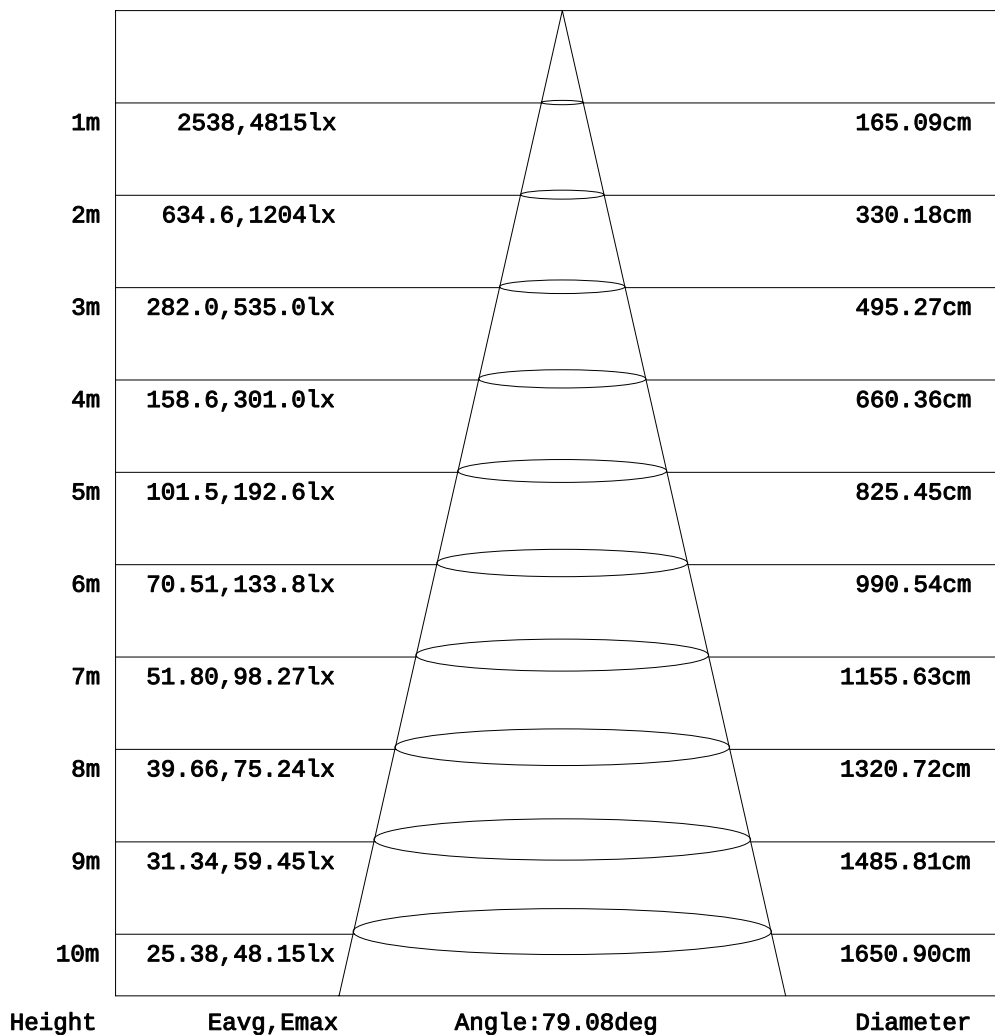
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-04

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity: 50.0%
Test Distance: 6.770m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	Shielding Angle:

Flux out:5615 lm



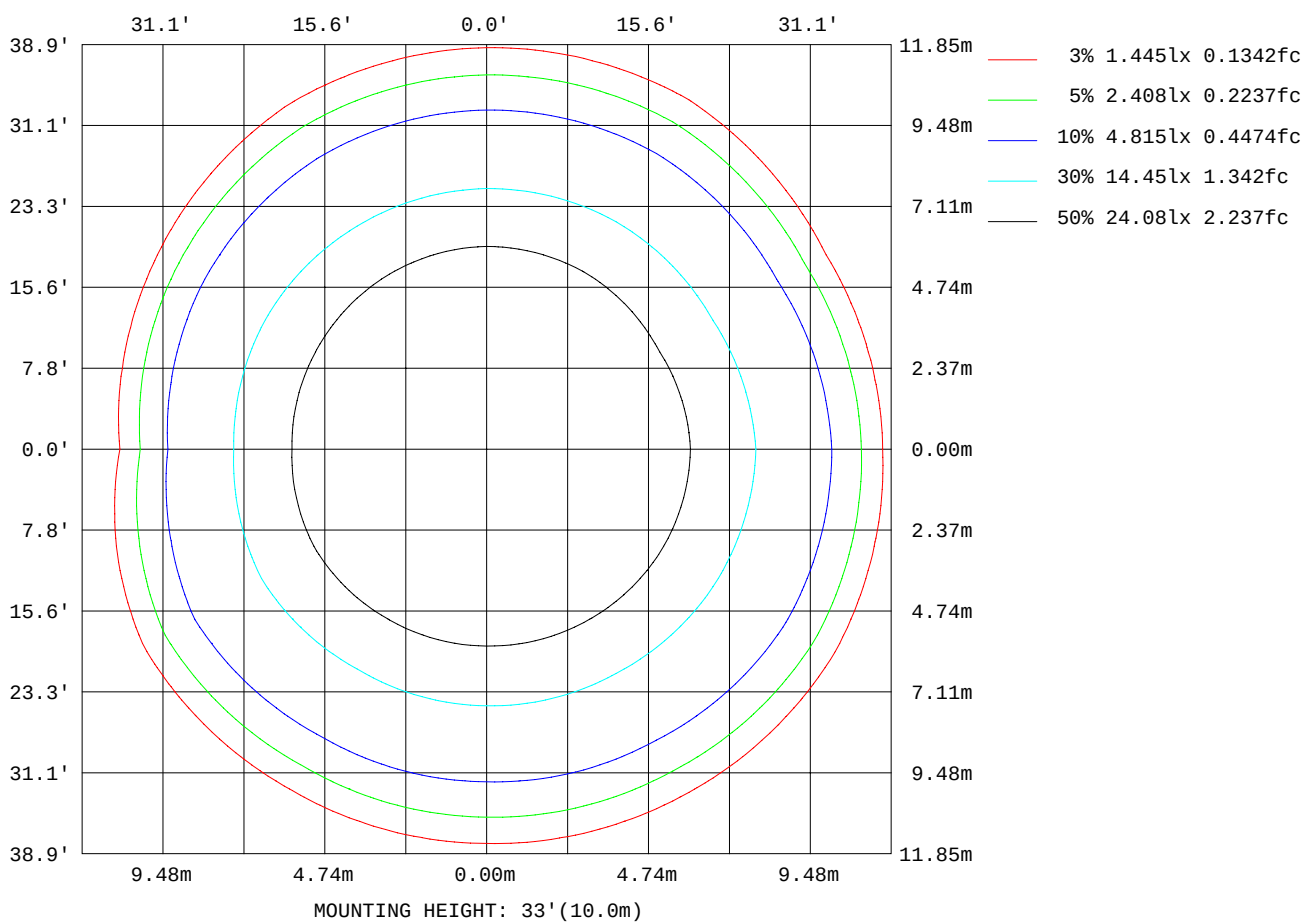
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-04

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity: 50.0%
 Test Distance: 6.770m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-04

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity: 50.0%
Test Distance: 6.770m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm		
NAME: WL-2RTST345D(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.6	Shielding Angle:

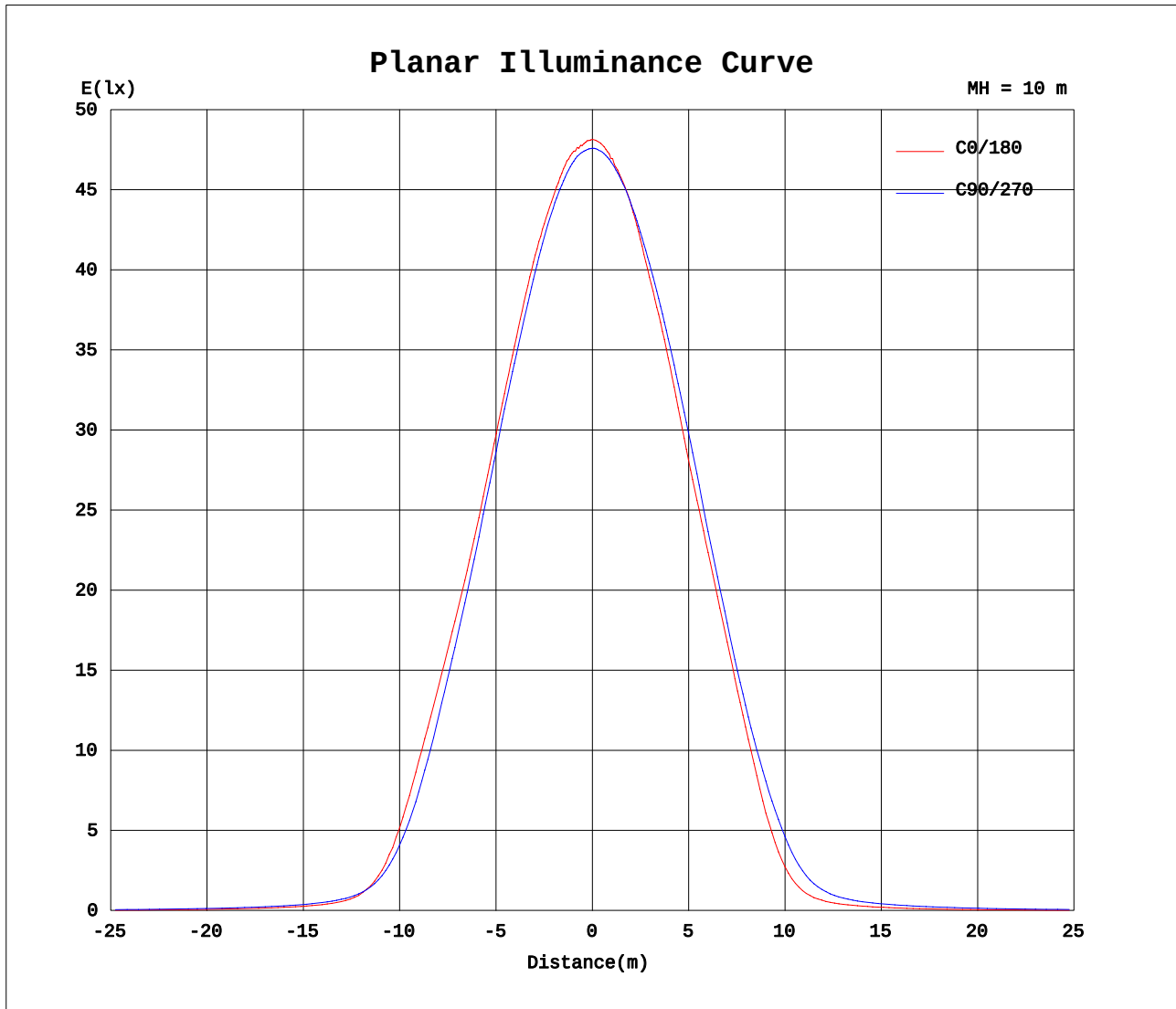
AvgL	cd/m2
L_0~180(65)av	216
L_0~180(75)av	123
L_0~180(85)av	76
L_90~270(65)av	472
L_90~270(75)av	390
L_90~270(85)av	173
L_45(65)av	340
L_45(75)av	206
L_45(85)av	91

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-04

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity:50.0%
 Test Distance:6.770m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-04

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity: 50.0%
Test Distance: 6.770m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.3630A P:43.300W PF:0.9940 Freq:50.00Hz Lamp Flux:6956.53x1 lm											
NAME: WL-2RTST345D(5000K)						TYPE:				WEIGHT:	
SPEC.:						DIM.:				SERIAL No.:	
MFR.: Shenzhen Wisdom Light Co., ltd						SUR.:1.2*0.6				Shielding Angle:	

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	4768	4768	4768	4768	4768	4768	4768	4768	4768	4768	4768	4768							
5	4750	4746	4757	4758	4754	4756	4733	4749	4762	4755	4764	4751							
10	4711	4709	4697	4696	4718	4725	4661	4665	4690	4711	4725	4751							
15	4626	4611	4583	4585	4614	4623	4501	4571	4591	4625	4631	4621							
20	4470	4427	4402	4391	4425	4420	4314	4363	4450	4498	4473	4434							
25	4215	4159	4144	4131	4145	4151	4006	4080	4162	4268	4244	4177							
30	3841	3806	3744	3709	3716	3768	3616	3683	3776	3872	3858	3774							
35	3369	3305	3160	3123	3092	3218	3018	3097	3167	3270	3261	3239							
40	2665	2566	2360	2250	2248	2418	2023	2220	2335	2385	2469	2396							
45	1446	1478	1248	1160	1135	1287	767	1027	1239	1307	1361	1232							
50	423	500	471	439	433	434	242	322	461	497	516	394							
55	179	213	241	249	235	191	135	167	251	273	272	189							
60	115	130	167	181	167	119	89.2	110	177	201	194	123							
65	75.0	84.4	121	134	122	75.5	56.4	70.2	129	153	144	81.9							
70	38.9	48.8	85.8	95.8	83.4	43.4	32.4	37.1	88.0	115	102	43.2							
75	25.9	27.7	51.4	65.5	46.1	26.1	20.1	25.9	49.0	79.9	61.5	28.3							
80	11.2	14.0	19.4	37.7	18.0	13.9	8.56	9.57	21.4	48.2	24.6	10.5							
85	6.41	5.89	5.92	9.14	5.38	5.19	3.17	4.61	7.03	12.6	7.88	5.60							
90	0.61	0.54	0.11	0.08	0.08	0.16	0.08	0.09	0.11	0.13	0.12	0.10							
95	0.06	0.07	0.15	0.07	0.09	0.07	0.09	0.10	0.13	0.12	0.14	0.11							
100	0.21	0.12	0.11	0.11	0.10	0.12	0.14	0.17	0.20	0.12	0.16	0.13							
105	0.16	0.15	0.14	0.14	0.16	0.18	0.27	0.21	0.12	0.13	0.12	0.18							
110	0.10	0.18	0.17	0.20	0.77	0.18	0.33	0.23	0.48	0.16	0.41	0.31							
115	0.16	0.29	0.25	0.28	0.79	0.25	0.26	0.28	0.69	0.23	0.67	0.46							
120	0.43	0.31	0.35	0.35	0.89	0.74	0.50	0.60	0.77	0.32	0.72	0.39							
125	0.38	0.42	0.44	0.44	0.93	1.30	1.08	0.92	0.81	0.37	0.58	0.46							
130	0.50	0.56	0.50	0.51	1.00	1.38	1.17	1.01	0.78	0.45	0.45	0.55							
135	0.58	0.64	0.58	0.60	1.04	1.36	1.27	1.06	0.77	0.53	0.52	0.63							
140	0.62	0.65	0.67	0.68	1.01	1.24	1.25	1.05	0.86	0.62	0.59	0.66							
145	0.67	0.71	0.76	0.77	1.02	1.16	1.16	1.01	0.80	0.70	0.69	0.66							
150	0.73	0.80	0.86	0.87	0.89	1.12	1.11	1.02	0.88	0.88	0.79	0.73							
155	0.83	0.92	1.01	0.96	0.95	1.16	1.23	1.09	0.91	0.97	0.95	0.87							
160	1.02	1.11	1.11	1.06	1.01	1.04	1.35	1.15	1.01	1.03	1.05	1.06							
165	1.24	1.30	1.30	1.14	1.10	1.18	1.37	1.25	1.13	1.12	1.19	1.24							
170	1.39	1.43	1.30	1.20	1.18	1.28	1.43	1.33	1.22	1.19	1.23	1.41							
175	1.43	1.43	1.25	1.21	1.19	1.30	1.35	1.28	1.20	1.17	1.17	1.28							
180	1.32	1.30	1.20	1.17	1.17	1.26	1.33	1.30	1.21	1.17	1.17	1.26							

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