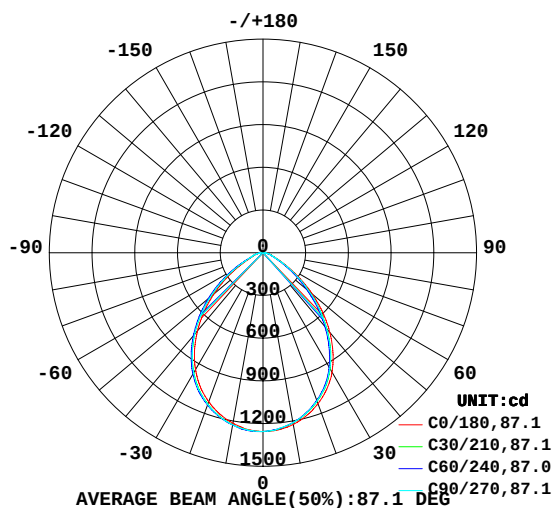


LUMINAIRE PHOTOMETRIC TEST REPORT

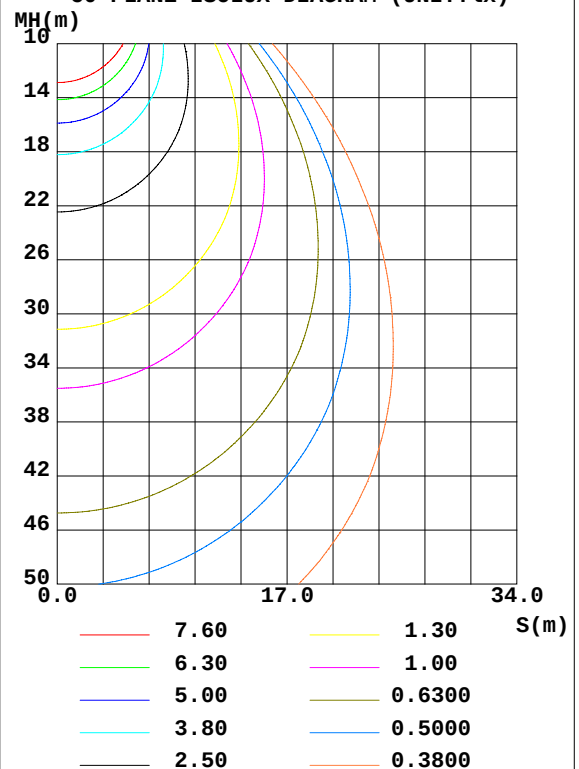
Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.52 lm/W			
MODEL		I _{max} (cd)	1256	S/MH(C0/180)	1.14
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2412.5	η UP, DN(C0-180)	0.0, 49.2
NOMINAL FLUX(lm)	2412.48	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 50.7
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	119.4	η down(%)	99.9	CIBSE SHR MAX	1.25

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:2022-03-25

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: CP2203-16

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

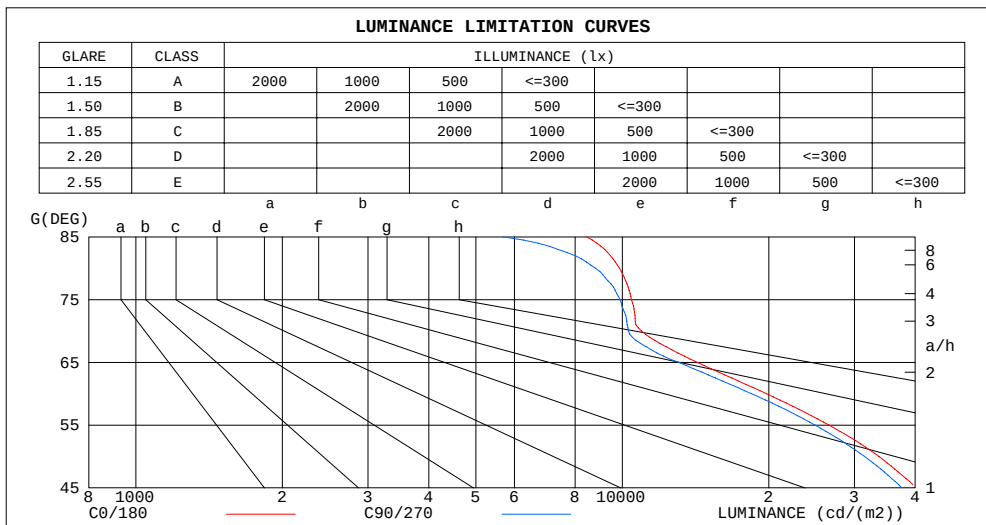
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1224	1212	1212	1223	1215	1227	1227	1217	0- 10	118.1	118.1	4.9,4.9
20	1128	1107	1108	1127	1114	1135	1134	1116	10- 20	331.8	449.9	18.6,18.6
30	969.4	936.0	938.9	967.7	947.6	978.1	974.9	949.4	20- 30	481.9	931.8	38.6,38.6
40	730.5	686.9	693.2	736.0	715.8	753.9	746.9	710.3	30- 40	527.3	1459	60.5,60.5
50	452.8	413.5	425.3	467.3	450.0	491.3	483.2	438.0	40- 50	452.3	1911	79.2,79.2
60	206.9	184.1	193.6	219.4	203.8	239.6	232.6	198.9	50- 60	290.2	2202	91.3,91.3
70	78.26	71.31	73.96	83.23	81.46	88.58	84.70	75.10	60- 70	130.9	2332	96.7,96.7
80	35.81	30.21	32.13	39.98	37.24	43.31	40.17	33.47	70- 80	61.28	2394	99.2,99.2
90	0.0792	0.0764	0.0726	0.5598	0.1027	1.232	0.4379	0.1160	80- 90	17.35	2411	99.9,99.9
100	0.0647	0.0677	0.0651	0.0623	0.0800	0.0821	0.0860	0.0834	90-100	0.0992	2411	99.9,99.9
110	0.1046	0.1078	0.1071	0.0978	0.1066	0.1021	0.1052	0.1131	100-110	0.0920	2411	99.9,99.9
120	0.1750	0.1813	0.1741	0.1620	0.1638	0.1555	0.1586	0.1726	110-120	0.1316	2411	100,100
130	0.2644	0.2711	0.2659	0.2502	0.2590	0.2434	0.2486	0.2645	120-130	0.1895	2412	100,100
140	0.3539	0.3617	0.3558	0.3421	0.3522	0.3321	0.3385	0.3518	130-140	0.2342	2412	100,100
150	0.4321	0.4399	0.4324	0.4217	0.4246	0.4123	0.4150	0.4275	140-150	0.2419	2412	100,100
160	0.5138	0.5163	0.5050	0.5003	0.5083	0.4963	0.4915	0.5061	150-160	0.2132	2412	100,100
170	0.6071	0.5936	0.5873	0.5828	0.6034	0.5841	0.5814	0.5799	160-170	0.1541	2412	100,100
180	0.6034	0.5927	0.5948	0.5866	0.6072	0.5936	0.5910	0.5876	170-180	0.0568	2412	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:2022-03-25

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: CP2203-16

LUMINANCE LIMITATION CURVES

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8441	5678
80	9862	8805
75	10439	9896
70	10941	10290
65	14259	13044
60	19788	18428
55	26597	24901
50	33680	31482
45	40186	37560

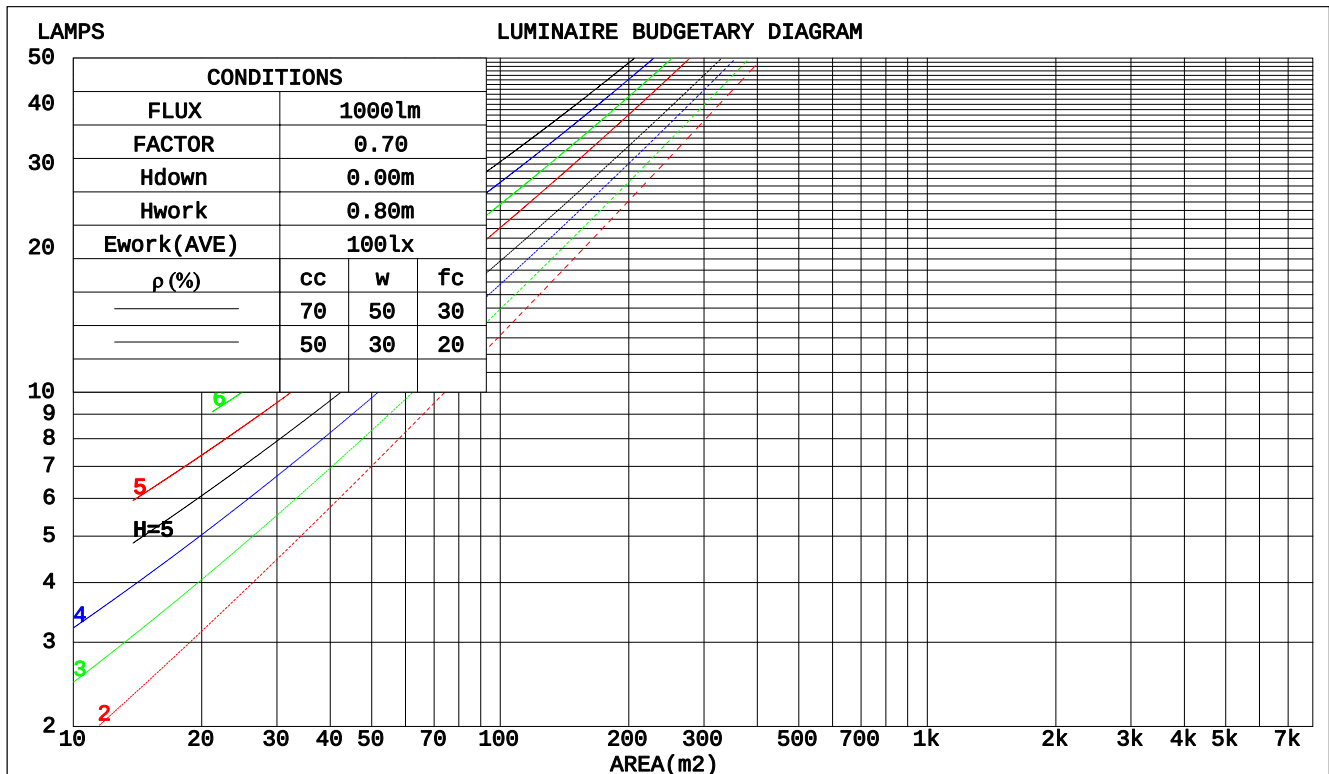
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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: CP2203-16

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	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	1.19	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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.96	.90	.86	.94	.89	.85	.91	.86	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.75	.71	.77	.73	.70	.68
4.0	.78	.70	.64	.77	.69	.64	.74	.68	.63	.72	.67	.62	.70	.65	.62	.60
5.0	.71	.63	.57	.69	.62	.57	.67	.61	.56	.66	.60	.55	.64	.59	.55	.53
6.0	.64	.56	.51	.63	.56	.50	.62	.55	.50	.60	.54	.50	.59	.53	.49	.47
7.0	.59	.51	.45	.58	.51	.45	.57	.50	.45	.55	.49	.45	.54	.49	.44	.43
8.0	.54	.46	.41	.54	.46	.41	.52	.46	.41	.51	.45	.41	.50	.44	.40	.39
9.0	.50	.43	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35
10.0	.46	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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: CP2203-16

WEC AND CCEC

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm					
NAME: 商业筒灯			TYPE:3000K		WEIGHT:
SPEC.:24W			DIM.: 6寸		SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd			SUR.:145*145mm		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	.248	.141	.045	.241	.138	.044	.228	.131	.042	.216	.125	.040	.205	.119	.038		
2.0	.239	.131	.040	.233	.128	.040	.222	.123	.038	.211	.119	.037	.202	.114	.036		
3.0	.226	.120	.036	.221	.118	.036	.211	.114	.035	.202	.111	.034	.194	.107	.033		
4.0	.213	.111	.033	.208	.109	.032	.200	.106	.032	.192	.103	.031	.184	.100	.030		
5.0	.200	.102	.030	.196	.101	.029	.188	.098	.029	.181	.096	.028	.175	.093	.028		
6.0	.188	.094	.027	.185	.093	.027	.178	.091	.027	.172	.089	.026	.166	.087	.026		
7.0	.178	.088	.025	.174	.087	.025	.168	.085	.024	.162	.083	.024	.157	.082	.024		
8.0	.168	.082	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023	.149	.077	.022		
9.0	.158	.077	.021	.156	.076	.021	.151	.075	.021	.146	.073	.021	.142	.072	.021		
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.020		

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	.176	.157	.140	.151	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016		
2.0	.166	.133	.105	.142	.114	.091	.097	.079	.063	.056	.046	.037	.018	.015	.012		
3.0	.157	.114	.081	.134	.099	.070	.092	.069	.049	.053	.040	.029	.017	.013	.010		
4.0	.148	.101	.064	.127	.087	.056	.088	.061	.039	.051	.035	.023	.016	.012	.008		
5.0	.141	.090	.052	.121	.078	.045	.083	.054	.032	.048	.032	.019	.016	.010	.006		
6.0	.134	.081	.043	.115	.070	.038	.080	.049	.027	.046	.029	.016	.015	.009	.005		
7.0	.128	.074	.037	.110	.064	.032	.076	.045	.023	.044	.027	.013	.014	.009	.004		
8.0	.122	.068	.031	.105	.059	.027	.073	.042	.019	.042	.025	.012	.014	.008	.004		
9.0	.116	.063	.027	.100	.055	.024	.070	.039	.017	.040	.023	.010	.013	.007	.003		
10.0	.111	.059	.024	.096	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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: CP2203-16

UGR(Unified Glare Rating) Table

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm											
NAME: 商业筒灯					TYPE:3000K			WEIGHT:			
SPEC.:24W					DIM.: 6寸			SERIAL No.:CP2101-06			
MFR.: Shenzhen Wisdom Light Co., ltd					SUR.:145*145mm			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	23.3	24.6	23.5	24.8	25.0	22.9	24.2	23.2	24.4	24.6	
	3H	23.6	24.8	23.8	25.0	25.2	23.2	24.4	23.5	24.6	24.9
	4H	23.7	24.8	24.0	25.1	25.3	23.3	24.5	23.6	24.7	25.0
	6H	23.8	24.9	24.1	25.1	25.4	23.4	24.5	23.8	24.8	25.0
	8H	23.8	24.9	24.2	25.2	25.4	23.5	24.5	23.8	24.8	25.0
	12H	23.9	24.9	24.2	25.1	25.4	23.4	24.4	23.8	24.7	25.0
4H	2H	23.3	24.5	23.6	24.7	25.0	23.0	24.2	23.3	24.4	24.7
	3H	23.7	24.7	24.1	25.0	25.3	23.4	24.4	23.8	24.7	25.0
	4H	24.0	24.9	24.3	25.2	25.5	23.6	24.5	24.0	24.8	25.2
	6H	24.2	25.0	24.6	25.3	25.7	23.8	24.6	24.2	25.0	25.3
	8H	24.3	25.0	24.7	25.4	25.7	23.9	24.6	24.3	25.0	25.4
	12H	24.3	25.0	24.7	25.4	25.8	23.9	24.6	24.3	25.0	25.4
8H	4H	24.0	24.7	24.4	25.1	25.5	23.7	24.4	24.1	24.8	25.1
	6H	24.3	24.9	24.7	25.3	25.7	23.9	24.5	24.4	24.9	25.4
	8H	24.4	24.9	24.9	25.4	25.8	24.0	24.6	24.5	25.0	25.4
	12H	24.5	25.0	25.0	25.4	25.9	24.1	24.5	24.6	25.0	25.5
12H	4H	24.0	24.6	24.4	25.0	25.4	23.6	24.3	24.1	24.7	25.1
	6H	24.3	24.8	24.7	25.2	25.7	23.9	24.5	24.4	24.9	25.3
	8H	24.4	24.9	24.9	25.3	25.8	24.1	24.5	24.5	25.0	25.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.8					+ 0.7 / - 0.9					
1.5H	+ 0.4 / - 0.5					+ 0.4 / - 0.5					
2.0H	+ 1.7 / - 1.8					+ 1.7 / - 1.9					

CIE Pub.117, 2412 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.1$)
Area: 0.021 m²

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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: CP2203-16

UTILIZATION FACTORS TABLE

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	Shielding Angle:

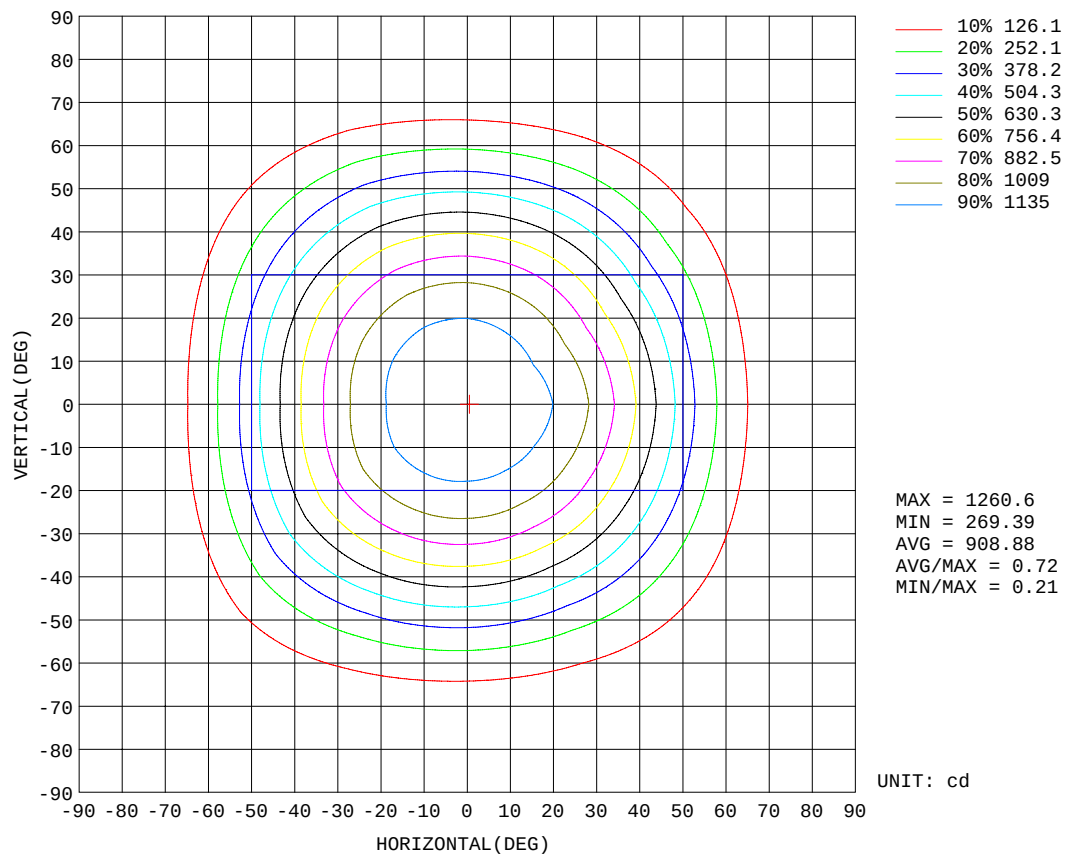
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	66	56	50	66	56	50	65	56	50	45
0.80	77	67	61	76	66	60	74	66	60	54
1.00	85	75	69	83	75	69	81	76	69	63
1.25	91	83	77	90	82	76	87	81	76	70
1.50	95	87	82	94	87	81	91	85	80	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	99	96	101	97	93	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	103	105	102	99	91
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:2022-03-25

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: CP2203-16

ISOCANDELA DIAGRAM

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	Shielding Angle:



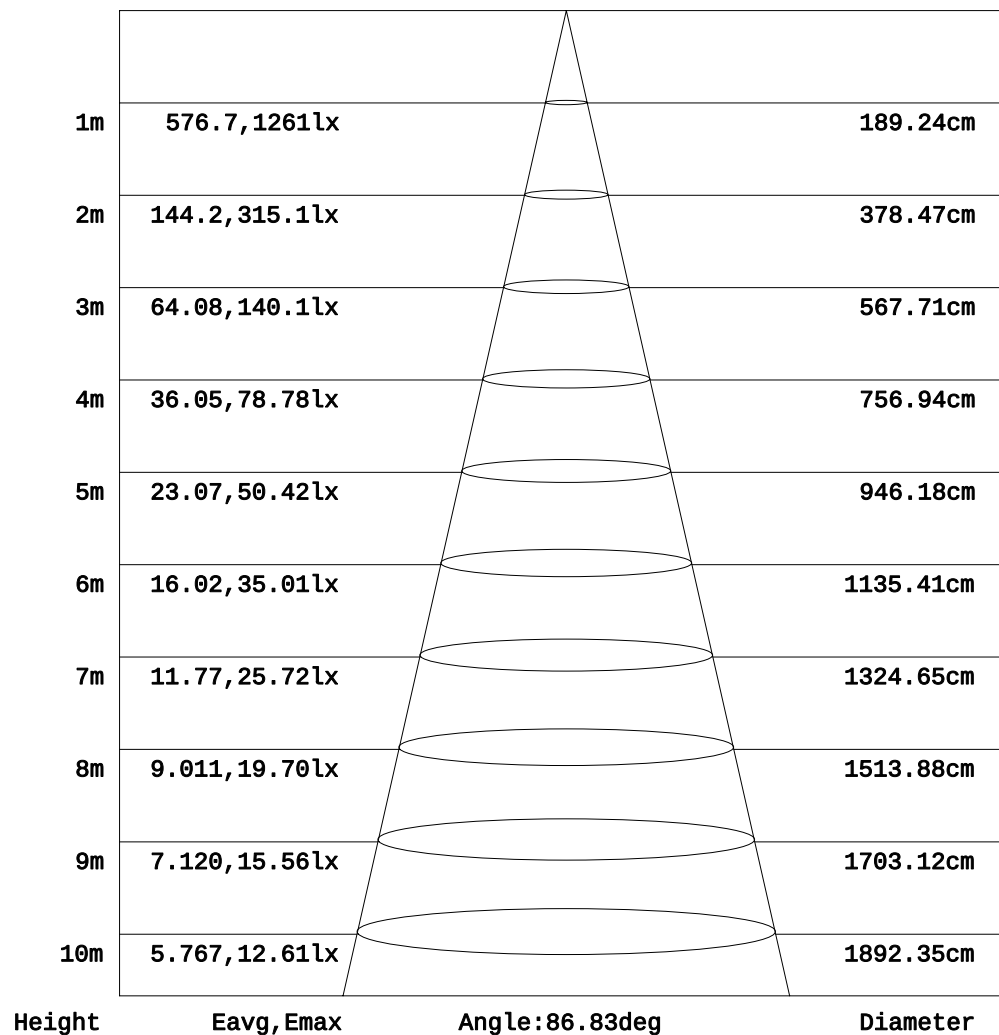
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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: CP2203-16

AAI Figure

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	Shielding Angle:

Flux out:1632 lm



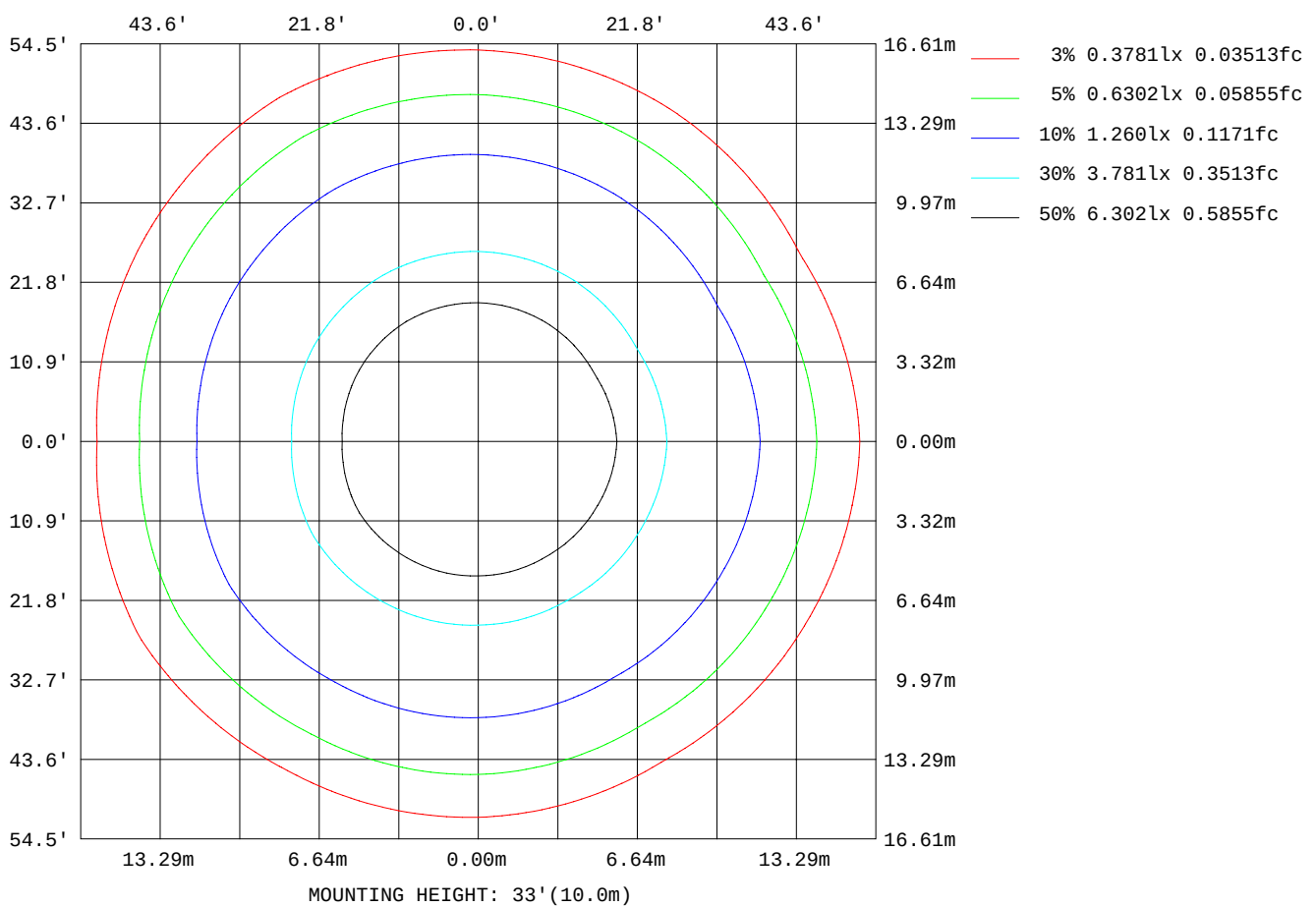
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-25

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: CP2203-16

ISOLUX DIAGRAM

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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: CP2203-16

LED Avg.L Report

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:24W	DIM.: 6寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:145*145mm	Shielding Angle:

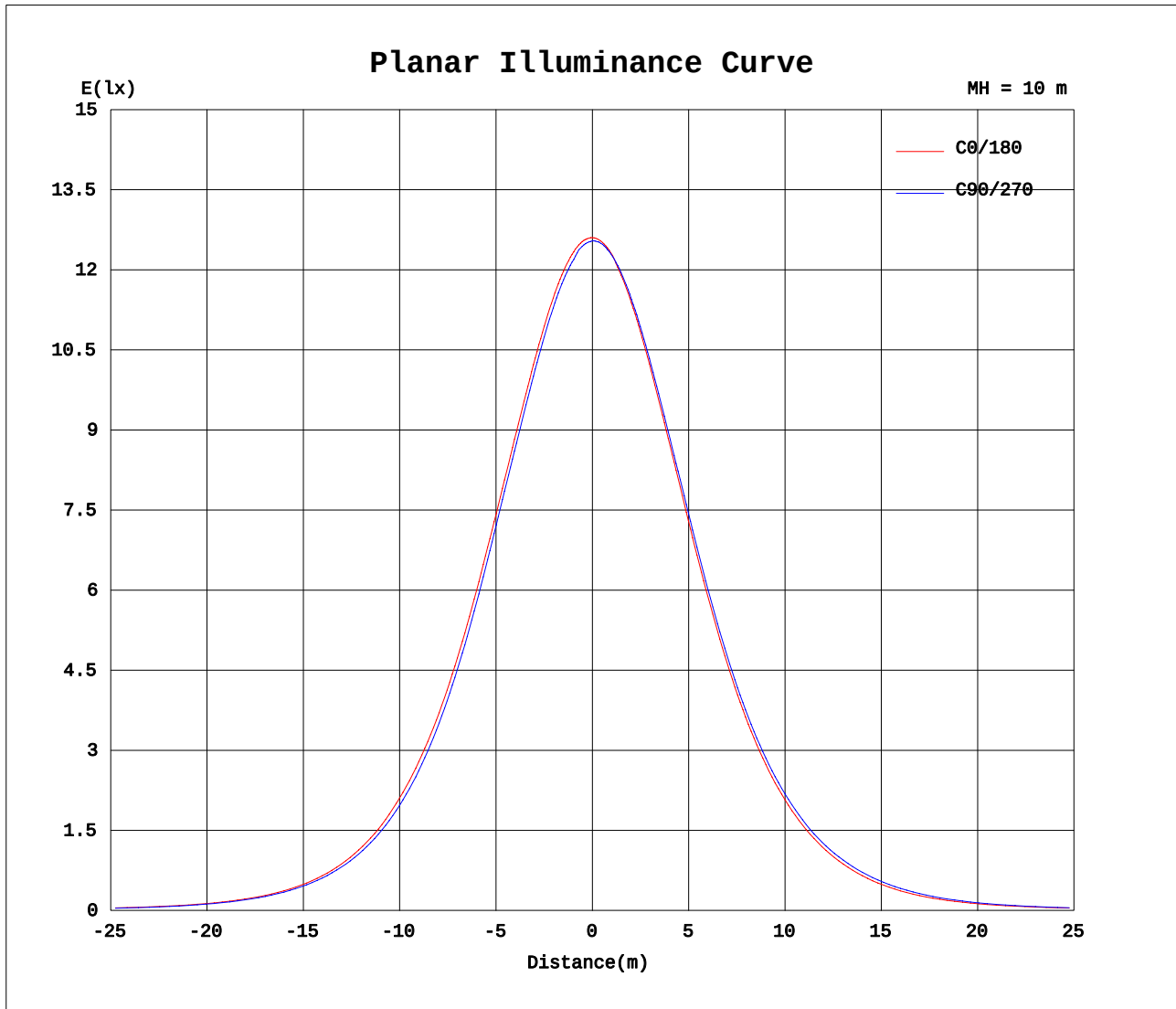
AvgL	cd/m2
L_0~180(65)av	14023
L_0~180(75)av	10674
L_0~180(85)av	8413
L_90~270(65)av	14361
L_90~270(75)av	10705
L_90~270(85)av	7777
L_45(65)av	14334
L_45(75)av	10719
L_45(85)av	8335

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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: CP2203-16

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-25

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: CP2203-16

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:109.40V I:0.2200A P:24.000W PF:0.9950 Freq:50.00Hz Lamp Flux:2412.48x1 lm																	
NAME: 商业筒灯									TYPE:3000K				WEIGHT:				
SPEC.:24W									DIM.: 6寸				SERIAL No.:CP2101-06				
MFR.: Shenzhen Wisdom Light Co., ltd									SUR.:145*145mm				Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255						
5	1248	1245	1242	1241	1246	1251	1246	1249	1252	1250	1249	1243						
10	1224	1213	1211	1212	1220	1226	1215	1226	1228	1227	1219	1215						
15	1184	1169	1165	1168	1178	1188	1173	1188	1191	1189	1179	1170						
20	1128	1110	1103	1108	1120	1134	1114	1132	1138	1134	1122	1110						
25	1058	1038	1028	1035	1048	1066	1041	1062	1071	1065	1051	1036						
30	969	943	929	939	957	979	948	972	984	975	959	940						
35	858	826	810	823	846	872	839	866	879	868	850	824						
40	730	697	677	693	720	752	716	746	761	747	726	695						
45	594	561	538	558	586	623	585	617	634	618	594	557						
50	453	425	402	425	446	489	450	480	502	483	458	418						
55	319	297	279	300	316	355	319	349	372	353	327	291						
60	207	189	179	194	206	233	204	230	249	233	213	185						
65	126	115	108	116	125	141	123	139	151	139	128	111						
70	78.3	72.2	70.4	74.0	79.0	87.4	81.5	86.8	90.3	84.7	78.5	71.7						
75	56.5	52.4	49.9	53.8	58.0	65.1	59.5	64.9	66.6	62.5	57.4	51.5						
80	35.8	31.8	28.7	32.1	36.7	43.3	37.2	42.4	44.3	40.2	36.1	30.8						
85	15.4	11.2	7.84	10.4	15.0	21.5	15.4	20.4	21.6	18.1	14.3	9.93						
90	0.08	0.08	0.07	0.07	0.10	1.02	0.10	0.60	1.87	0.44	0.13	0.11						
95	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.09	0.09	0.09	0.09	0.08						
100	0.06	0.06	0.07	0.07	0.07	0.06	0.08	0.08	0.08	0.09	0.08	0.08						
105	0.08	0.08	0.08	0.08	0.08	0.07	0.09	0.09	0.09	0.10	0.09	0.09						
110	0.10	0.10	0.11	0.11	0.10	0.09	0.11	0.10	0.10	0.11	0.11	0.12						
115	0.13	0.14	0.14	0.14	0.13	0.12	0.13	0.12	0.12	0.13	0.13	0.14						
120	0.17	0.18	0.19	0.17	0.17	0.16	0.16	0.15	0.16	0.16	0.17	0.18						
125	0.21	0.22	0.23	0.22	0.21	0.20	0.21	0.20	0.20	0.20	0.21	0.22						
130	0.26	0.27	0.27	0.27	0.25	0.25	0.26	0.25	0.24	0.25	0.26	0.27						
135	0.31	0.32	0.32	0.31	0.30	0.29	0.31	0.29	0.29	0.30	0.30	0.32						
140	0.35	0.36	0.36	0.36	0.35	0.34	0.35	0.33	0.33	0.34	0.34	0.36						
145	0.39	0.40	0.40	0.40	0.39	0.38	0.39	0.37	0.37	0.38	0.38	0.40						
150	0.43	0.44	0.44	0.43	0.43	0.42	0.42	0.42	0.41	0.41	0.42	0.44						
155	0.47	0.47	0.47	0.47	0.46	0.45	0.46	0.45	0.45	0.45	0.46	0.47						
160	0.51	0.52	0.51	0.51	0.51	0.49	0.51	0.50	0.50	0.49	0.50	0.51						
165	0.56	0.56	0.55	0.55	0.55	0.54	0.56	0.54	0.54	0.54	0.54	0.55						
170	0.61	0.60	0.59	0.59	0.59	0.58	0.60	0.58	0.58	0.58	0.57	0.59						
175	0.62	0.61	0.60	0.61	0.60	0.60	0.60	0.59	0.59	0.59	0.58	0.59						
180	0.60	0.60	0.59	0.59	0.59	0.59	0.61	0.59	0.59	0.59	0.59	0.59						

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