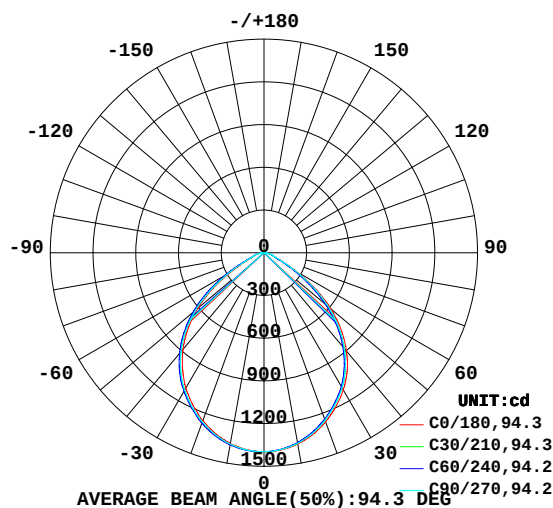


LUMINAIRE PHOTOMETRIC TEST REPORT

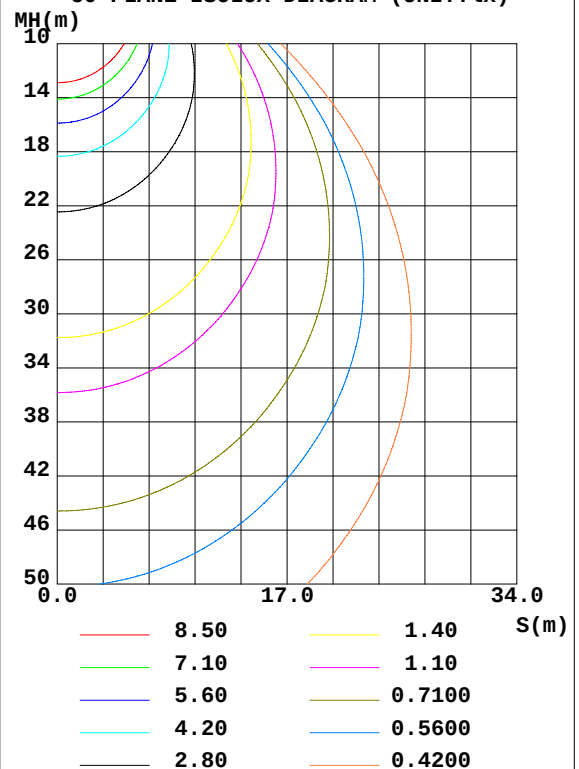
Test:U:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.28 lm/W			
MODEL		I _{max} (cd)	1398	S/MH(C0/180)	1.18
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2879.0	η UP, DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	2878.99	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.1
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	119.4	η down(%)	99.9	CIBSE SHR MAX	1.30

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:

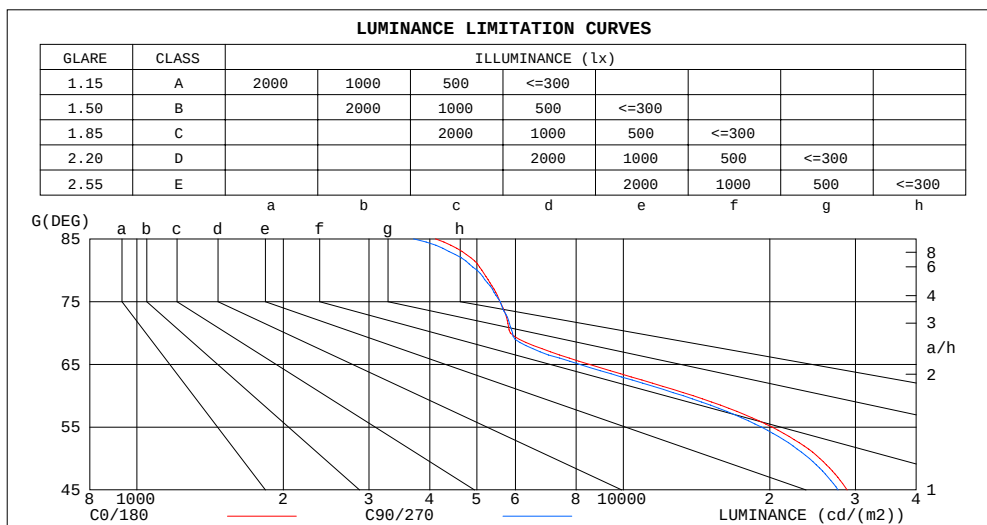
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1364	1356	1359	1370	1360	1368	1364	1355	0- 10	131.7	131.7	4.57,4.57
20	1264	1248	1253	1274	1255	1271	1264	1246	10- 20	371.4	503.1	17.5,17.5
30	1113	1091	1096	1124	1098	1120	1114	1089	20- 30	546.5	1050	36.5,36.5
40	900.6	868.5	878.9	914.4	884.7	916.0	905.7	869.5	30- 40	628.4	1678	58.3,58.3
50	612.9	572.6	590.7	643.7	606.2	644.5	626.5	572.6	40- 50	583.0	2261	78.5,78.5
60	261.8	231.1	252.9	303.5	263.0	306.4	285.5	231.3	50- 60	389.8	2651	92.1,92.1
70	75.35	71.86	77.13	88.41	83.62	89.56	82.85	71.80	60- 70	148.8	2800	97.2,97.2
80	33.43	29.18	33.10	41.66	37.12	42.30	38.35	29.76	70- 80	60.77	2860	99.4,99.4
90	0.0797	0.0743	0.0766	1.429	0.1210	0.9932	0.1917	0.1135	80- 90	17.07	2877	99.9,99.9
100	0.0756	0.0781	0.0709	0.0721	0.0927	0.0877	0.0862	0.0885	90-100	0.1084	2877	99.9,99.9
110	0.1229	0.1287	0.1227	0.1135	0.1231	0.1172	0.1244	0.1299	100-110	0.1043	2878	100,100
120	0.2061	0.2182	0.2128	0.1924	0.2045	0.1915	0.1992	0.2136	110-120	0.1588	2878	100,100
130	0.3177	0.3240	0.3183	0.2963	0.3086	0.2907	0.3027	0.3165	120-130	0.2295	2878	100,100
140	0.4086	0.4184	0.4216	0.3953	0.4106	0.3917	0.4042	0.4127	130-140	0.2776	2878	100,100
150	0.4881	0.5003	0.4964	0.4809	0.4863	0.4746	0.4809	0.4944	140-150	0.2801	2879	100,100
160	0.5806	0.5842	0.5788	0.5656	0.5696	0.5661	0.5633	0.5791	150-160	0.2430	2879	100,100
170	0.6867	0.6766	0.6727	0.6627	0.6793	0.6624	0.6649	0.6628	160-170	0.1750	2879	100,100
180	0.6849	0.6681	0.6707	0.6637	0.6849	0.6690	0.6726	0.6656	170-180	0.0645	2879	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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	Shielding Angle:



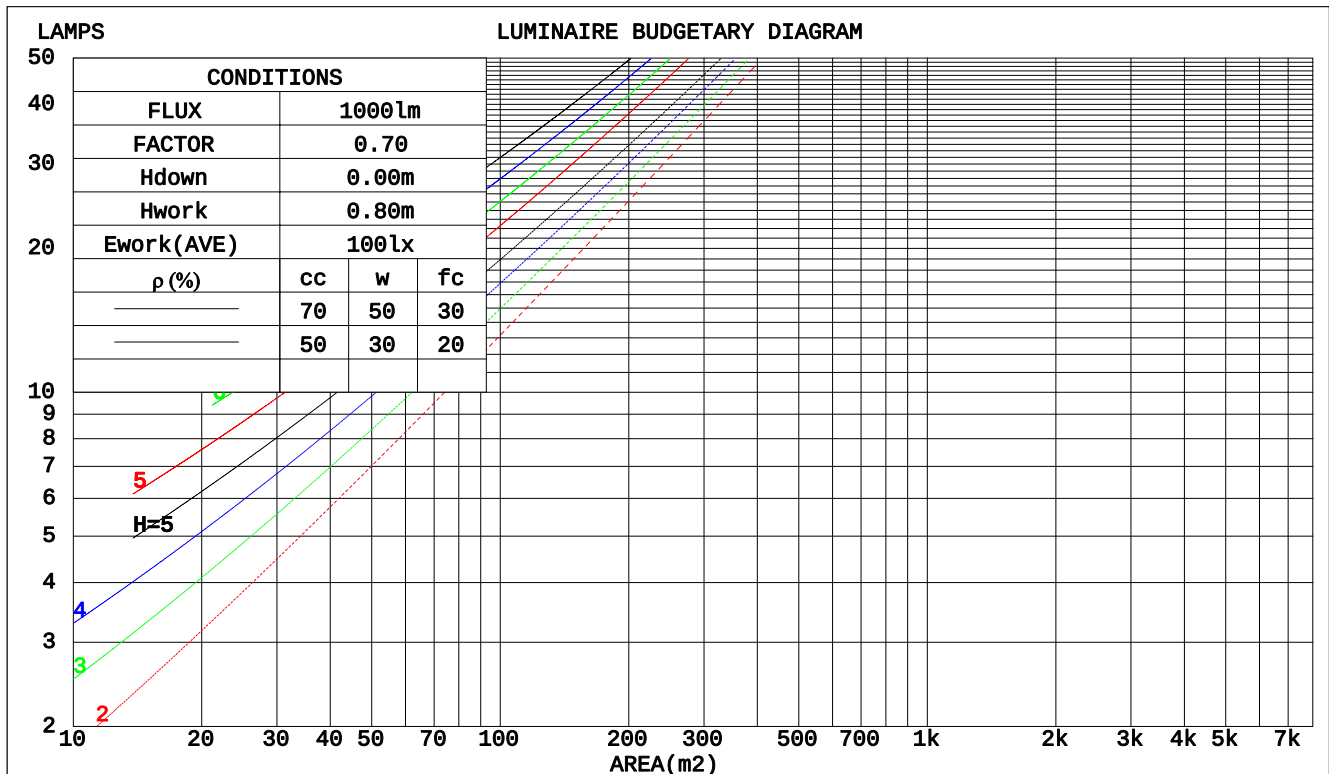
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.91	.86	.82	.87	.84	.81	.84	.82	.79	.77
3.0	.86	.79	.73	.84	.78	.73	.82	.76	.72	.79	.74	.70	.76	.73	.69	.67
4.0	.77	.70	.64	.76	.69	.63	.74	.67	.63	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.49	.58	.53	.48	.46
7.0	.58	.50	.45	.57	.50	.44	.56	.49	.44	.54	.48	.44	.53	.48	.43	.42
8.0	.53	.45	.40	.53	.45	.40	.51	.45	.40	.50	.44	.40	.49	.43	.39	.38
9.0	.49	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.38	.33	.43	.37	.33	.42	.37	.33	.31



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

WEC AND CCEC

Test:U:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm								
NAME: 商业筒灯				TYPE:3000K			WEIGHT:	
SPEC.:30W				DIM.: 8寸			SERIAL No.:CP2101-06	
MFR.: Shenzhen Wisdom Light Co., ltd				SUR.:195*195mm			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	.137	.044	.228	.131	.042	.216	.124	.040	.205	.119	.038	
2.0	.240	.132	.040	.234	.129	.040	.223	.124	.038	.212	.119	.037	.203	.115	.036	
3.0	.228	.121	.036	.223	.119	.036	.213	.115	.035	.204	.112	.034	.195	.108	.033	
4.0	.215	.112	.033	.210	.110	.033	.202	.107	.032	.194	.104	.031	.186	.101	.031	
5.0	.203	.103	.030	.198	.102	.030	.191	.099	.029	.184	.097	.029	.177	.094	.028	
6.0	.191	.096	.027	.187	.094	.027	.180	.092	.027	.174	.090	.027	.168	.088	.026	
7.0	.180	.089	.025	.177	.088	.025	.170	.086	.025	.165	.084	.025	.159	.083	.024	
8.0	.170	.083	.023	.167	.082	.023	.161	.081	.023	.156	.079	.023	.151	.078	.023	
9.0	.160	.078	.022	.158	.077	.022	.153	.076	.021	.148	.074	.021	.144	.073	.021	
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.141	.070	.020	.137	.069	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.009	
4.0	.149	.101	.064	.128	.087	.055	.088	.061	.039	.051	.036	.023	.016	.012	.008	
5.0	.142	.090	.052	.122	.078	.045	.084	.054	.032	.049	.032	.019	.016	.010	.006	
6.0	.135	.081	.043	.116	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.129	.074	.036	.111	.064	.032	.076	.045	.022	.044	.027	.013	.014	.009	.004	
8.0	.123	.068	.031	.106	.059	.027	.073	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.117	.064	.027	.101	.055	.024	.070	.039	.017	.041	.023	.010	.013	.008	.003	
10.0	.112	.059	.024	.097	.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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm											
NAME: 商业筒灯					TYPE:3000K			WEIGHT:			
SPEC.:30W					DIM.: 8寸			SERIAL No.:CP2101-06			
MFR.: Shenzhen Wisdom Light Co., ltd					SUR.:195*195mm			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		22.5	23.8	22.7	24.0	24.2	22.2	23.5	22.4	23.7	23.9
	3H	22.6	23.8	22.8	24.0	24.2	22.3	23.5	22.6	23.7	24.0
	4H	22.6	23.7	22.9	24.0	24.2	22.3	23.5	22.6	23.7	24.0
	6H	22.6	23.7	22.9	24.0	24.2	22.4	23.4	22.7	23.7	24.0
	8H	22.6	23.7	22.9	23.9	24.2	22.4	23.4	22.7	23.7	24.0
	12H	22.6	23.6	22.9	23.9	24.2	22.3	23.3	22.7	23.6	23.9
4H	2H	22.5	23.6	22.8	23.9	24.1	22.2	23.4	22.5	23.6	23.9
	3H	22.6	23.6	23.0	23.9	24.2	22.4	23.4	22.7	23.7	24.0
	4H	22.7	23.6	23.1	24.0	24.3	22.5	23.4	22.9	23.7	24.1
	6H	22.8	23.6	23.2	24.0	24.3	22.6	23.4	23.0	23.7	24.1
	8H	22.9	23.6	23.3	24.0	24.3	22.6	23.4	23.0	23.7	24.1
	12H	22.9	23.5	23.3	23.9	24.3	22.6	23.3	23.1	23.7	24.1
8H	4H	22.7	23.4	23.1	23.8	24.2	22.5	23.2	22.9	23.6	24.0
	6H	22.8	23.5	23.3	23.9	24.3	22.6	23.2	23.1	23.6	24.1
	8H	22.9	23.4	23.4	23.9	24.3	22.7	23.2	23.1	23.6	24.1
	12H	22.9	23.4	23.4	23.8	24.3	22.7	23.2	23.2	23.6	24.1
12H	4H	22.7	23.3	23.1	23.7	24.1	22.4	23.1	22.9	23.5	23.9
	6H	22.8	23.4	23.3	23.8	24.2	22.6	23.1	23.1	23.6	24.0
	8H	22.9	23.4	23.4	23.8	24.3	22.7	23.1	23.2	23.6	24.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.9					+ 0.8 / - 1.0					
1.5H	+ 0.5 / - 0.6					+ 0.5 / - 0.5					
2.0H	+ 1.8 / - 2.9					+ 1.9 / - 3.1					

CIE Pub.117, 2879 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.7$)
Area: 0.038 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
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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	Shielding Angle:

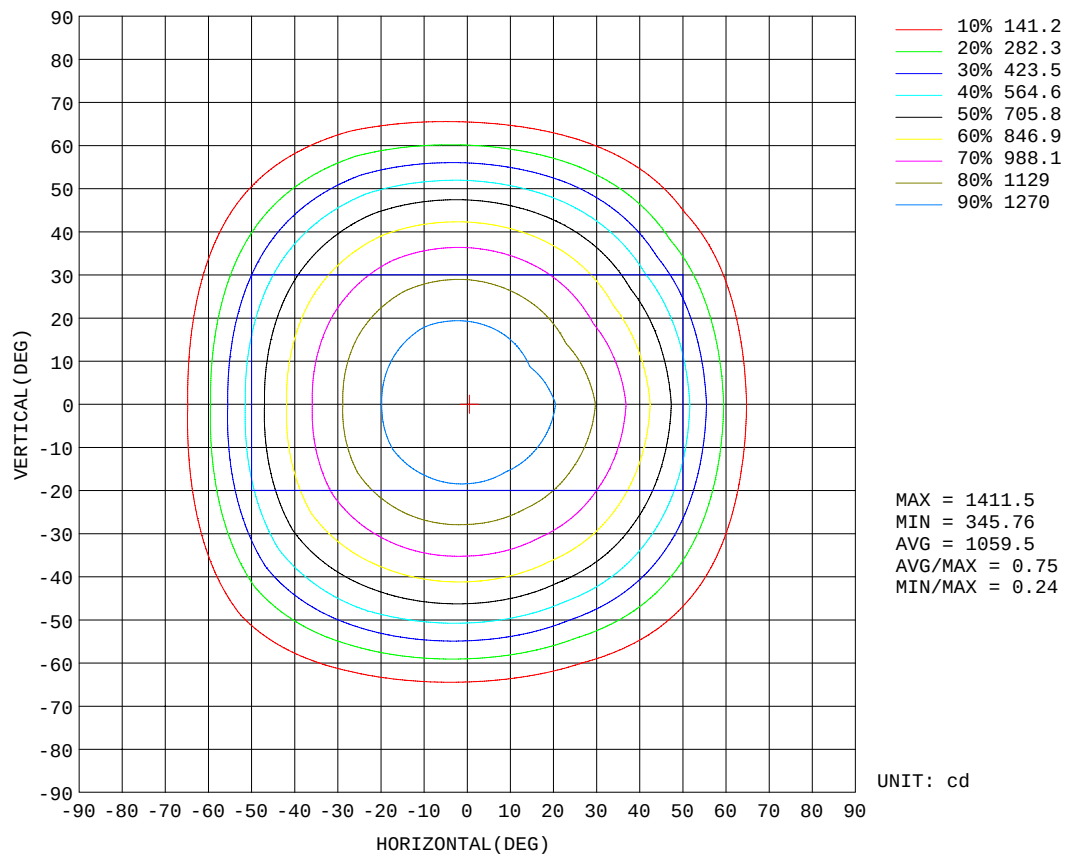
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	48	64	54	48	63	54	48	42
0.80	75	65	59	74	65	59	73	64	58	52
1.00	84	74	68	83	74	68	81	75	68	61
1.25	90	82	76	89	81	76	87	80	75	69
1.50	95	87	81	93	86	81	91	84	80	73
2.00	101	94	89	99	93	88	96	91	86	80
2.50	104	97	93	102	96	92	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	102	104	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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	Shielding Angle:



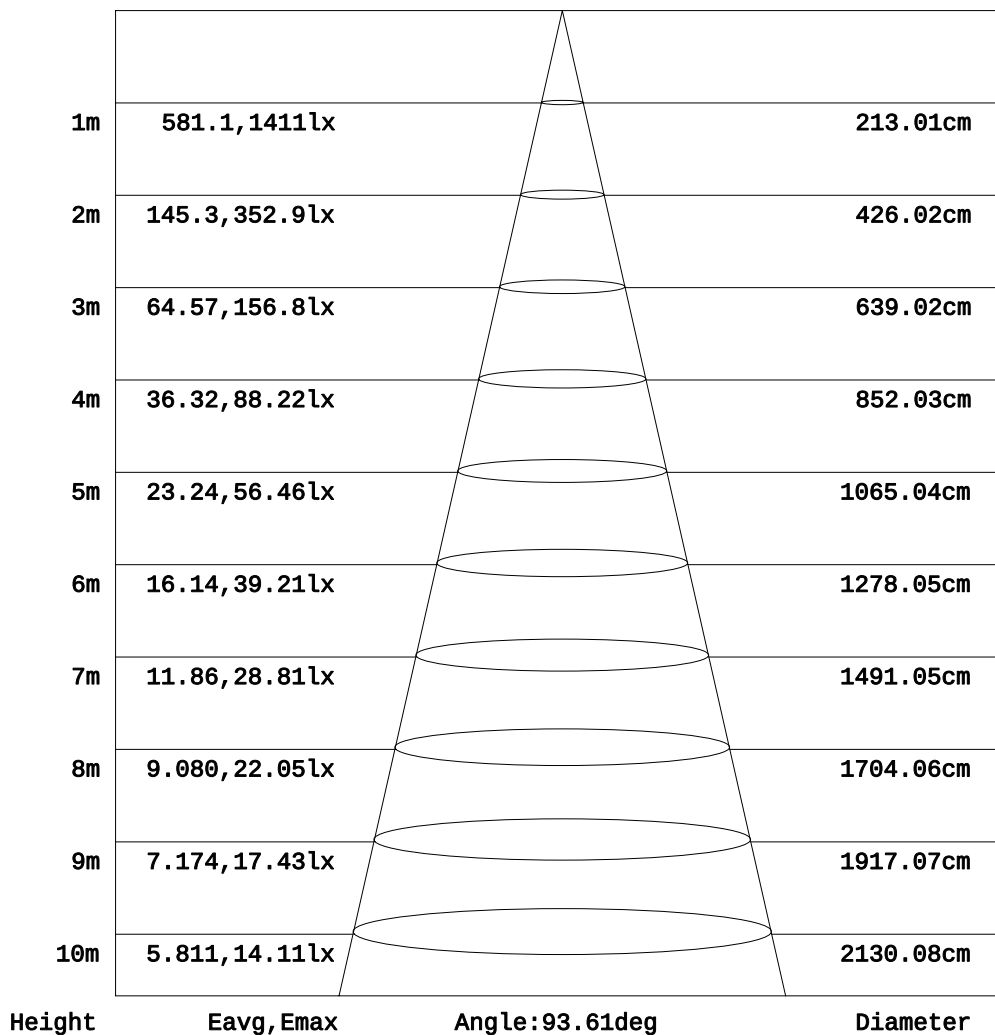
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	Shielding Angle:

Flux out:2099 lm



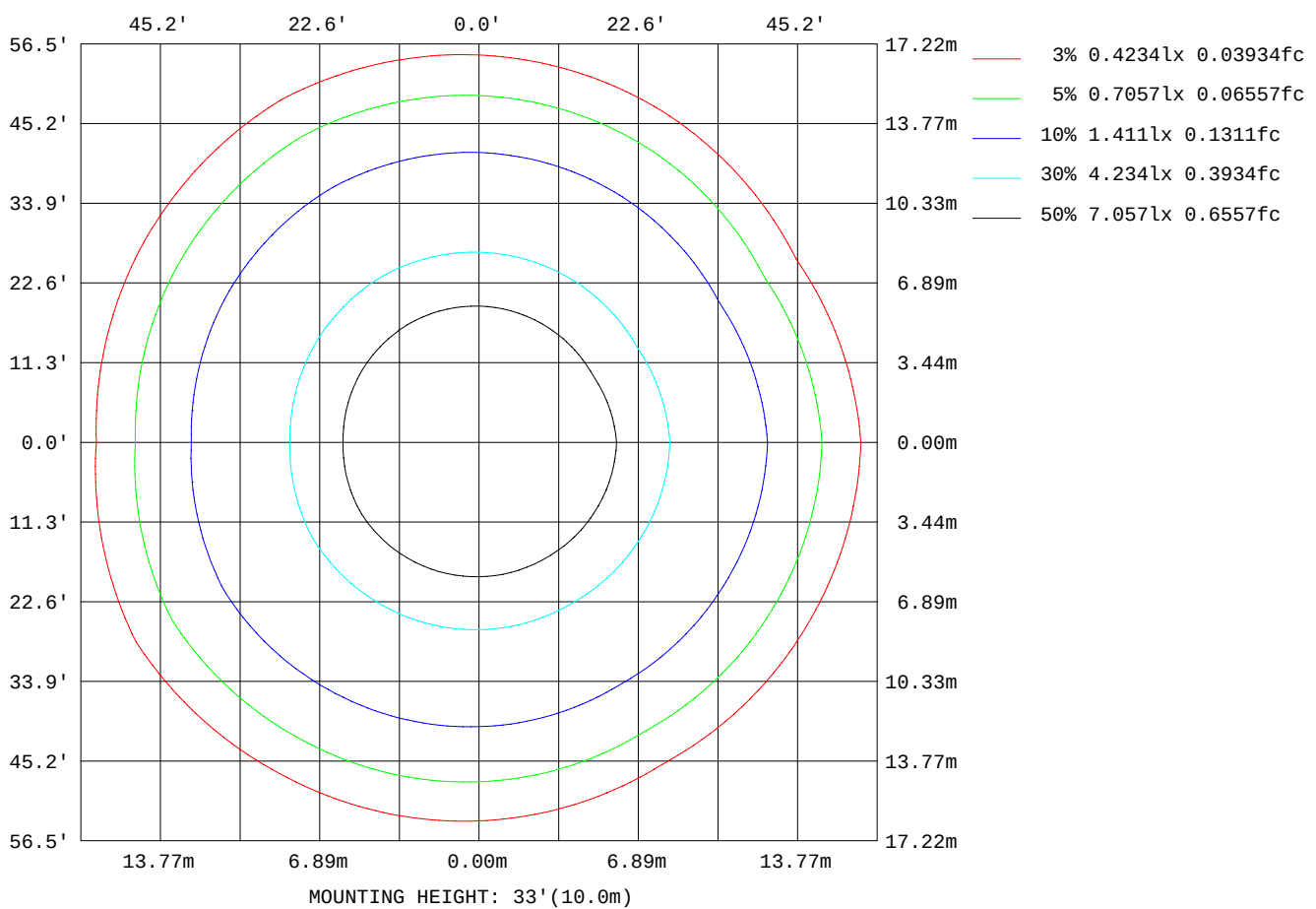
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm		
NAME: 商业筒灯	TYPE:3000K	WEIGHT:
SPEC.:30W	DIM.: 8寸	SERIAL No.:CP2101-06
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:195*195mm	Shielding Angle:

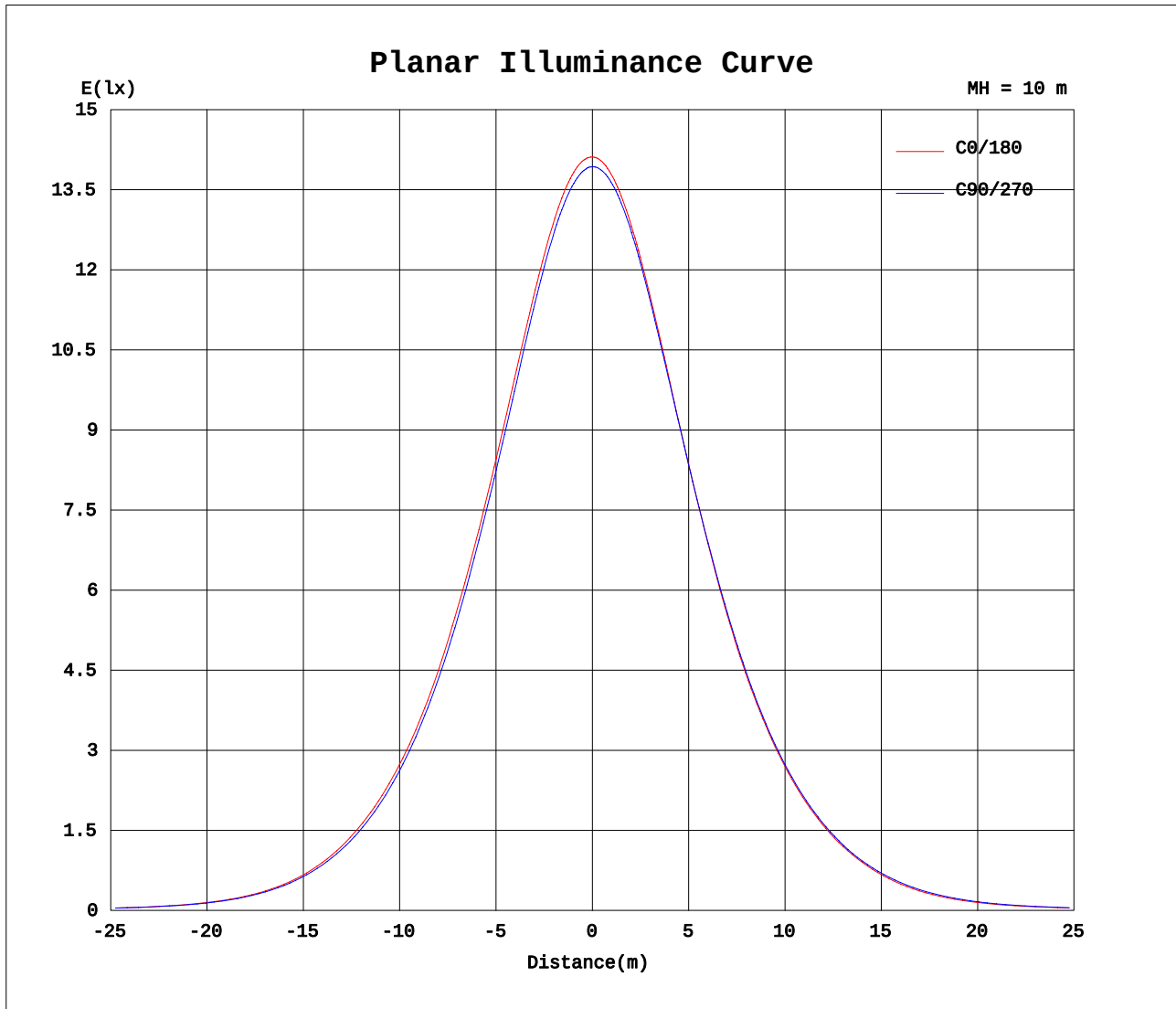
AvgL	cd/m2
L_0~180(65)av	8450
L_0~180(75)av	5803
L_0~180(85)av	4446
L_90~270(65)av	8736
L_90~270(75)av	5855
L_90~270(85)av	4501
L_45(65)av	8757
L_45(75)av	5867
L_45(85)av	4531

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:109.30V I:0.2670A P:29.000W PF:0.9960 Freq:50.00Hz Lamp Flux:2878.99x1 lm																	
NAME: 商业筒灯									TYPE:3000K				WEIGHT:				
SPEC.:30W									DIM.: 8寸				SERIAL No.:CP2101-06				
MFR.: Shenzhen Wisdom Light Co., ltd									SUR.:195*195mm				Shielding Angle:				

Table--1

UNIT: cd

C(°)	0	30	60	90	120	150	180	210	240	270	300	330						
γ (°)	0	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397						
5	1390	1387	1384	1387	1391	1394	1387	1391	1392	1390	1387	1383						
10	1364	1358	1353	1359	1366	1373	1360	1366	1370	1364	1359	1350						
15	1322	1312	1305	1314	1324	1335	1315	1324	1330	1322	1313	1302						
20	1264	1252	1243	1253	1266	1281	1255	1267	1274	1264	1253	1239						
25	1193	1177	1168	1179	1195	1211	1181	1197	1203	1194	1179	1165						
30	1113	1096	1086	1096	1115	1133	1098	1116	1124	1114	1097	1081						
35	1019	996	983	995	1017	1037	997	1021	1032	1018	1000	978						
40	901	877	861	879	900	928	885	909	923	906	883	856						
45	767	739	722	744	771	805	756	782	797	775	749	716						
50	613	583	563	591	624	663	606	637	652	627	593	552						
55	436	408	387	420	456	502	438	469	490	457	421	373						
60	262	239	223	253	282	325	263	295	317	285	252	211						
65	135	122	114	131	147	172	136	156	172	150	131	108						
70	75.3	72.1	71.6	77.1	83.9	93.0	83.6	88.0	91.2	82.9	75.1	68.5						
75	54.3	50.9	49.8	55.0	61.3	67.9	59.8	64.5	65.8	60.2	53.9	47.2						
80	33.4	29.9	28.4	33.1	38.7	44.6	37.1	41.5	43.1	38.4	32.6	26.9						
85	13.5	9.95	8.15	12.3	17.3	23.0	16.0	20.2	21.8	17.5	12.4	7.11						
90	0.08	0.07	0.07	0.08	0.16	2.70	0.12	0.48	1.51	0.19	0.12	0.11						
95	0.07	0.06	0.06	0.07	0.07	0.07	0.10	0.10	0.10	0.09	0.09	0.08						
100	0.08	0.08	0.08	0.07	0.07	0.07	0.09	0.09	0.09	0.09	0.09	0.09						
105	0.09	0.09	0.10	0.10	0.09	0.08	0.10	0.10	0.10	0.10	0.10	0.11						
110	0.12	0.13	0.13	0.12	0.12	0.11	0.12	0.12	0.12	0.12	0.13	0.13						
115	0.16	0.17	0.17	0.16	0.15	0.15	0.16	0.15	0.15	0.16	0.16	0.17						
120	0.21	0.22	0.22	0.21	0.20	0.19	0.20	0.19	0.19	0.20	0.21	0.22						
125	0.26	0.27	0.27	0.26	0.25	0.24	0.26	0.24	0.24	0.25	0.26	0.27						
130	0.32	0.32	0.32	0.32	0.30	0.29	0.31	0.29	0.29	0.30	0.31	0.32						
135	0.37	0.37	0.38	0.37	0.35	0.34	0.37	0.35	0.34	0.36	0.36	0.37						
140	0.41	0.41	0.42	0.42	0.40	0.39	0.41	0.39	0.39	0.40	0.41	0.42						
145	0.45	0.46	0.46	0.46	0.44	0.44	0.45	0.43	0.43	0.44	0.45	0.45						
150	0.49	0.50	0.50	0.50	0.49	0.47	0.49	0.48	0.47	0.48	0.49	0.50						
155	0.53	0.54	0.53	0.53	0.52	0.51	0.52	0.52	0.51	0.52	0.52	0.54						
160	0.58	0.59	0.58	0.58	0.57	0.56	0.57	0.57	0.57	0.56	0.57	0.59						
165	0.64	0.64	0.62	0.63	0.62	0.61	0.63	0.61	0.62	0.62	0.61	0.63						
170	0.69	0.68	0.67	0.67	0.67	0.66	0.68	0.66	0.66	0.66	0.66	0.67						
175	0.70	0.69	0.69	0.69	0.68	0.68	0.68	0.66	0.66	0.66	0.66	0.66						
180	0.68	0.67	0.66	0.67	0.66	0.66	0.68	0.67	0.67	0.67	0.67	0.67						

C Range: 0 - 360DEG
 C Interval: 30.0DEG
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