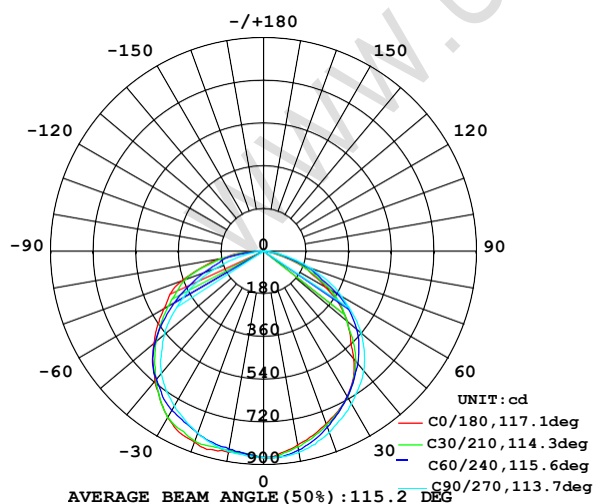


LUMINAIRE PHOTOMETRIC TEST REPORT

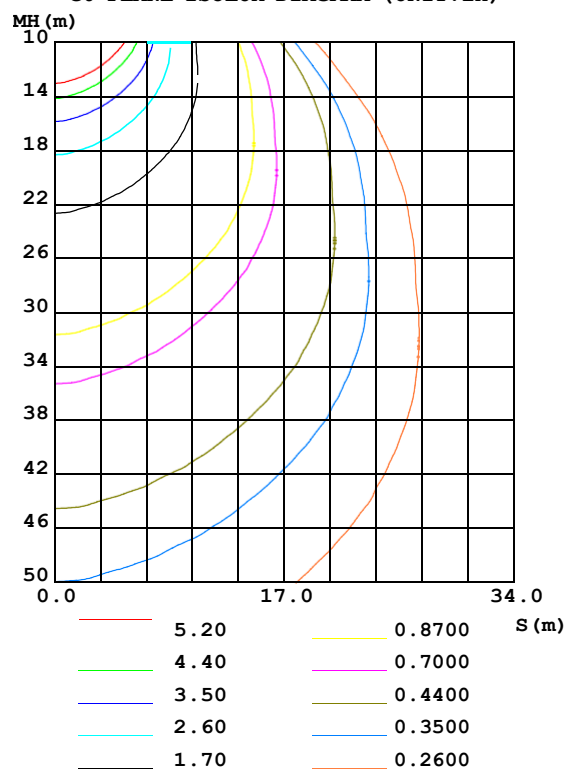
Test:U:220.1V I:0.0790A P:17.07W PF:0.9814 Lamp Flux:2565.84x1 lm		
NAME: Tube light WPT8FZ120CM20W	SUR.:1.2m*0.03m	SERIAL No.:WY-GP-2022031001
MFR.: LEDIA		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.34 lm/W			
MODEL	WPT8FZ120CM20W	I _{max} (cd)	872.4	S/MH (C0/180)	1.36
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2565.8	η UP, DN (C0-180)	0.5, 48.9
NOMINAL FLUX (lm)	2565.84	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 50.1
LAMPS INSIDE	1	η up (%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	99.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Jianfei Wu
Test Date: 2022-03-14

Checker: Jianfei Wu

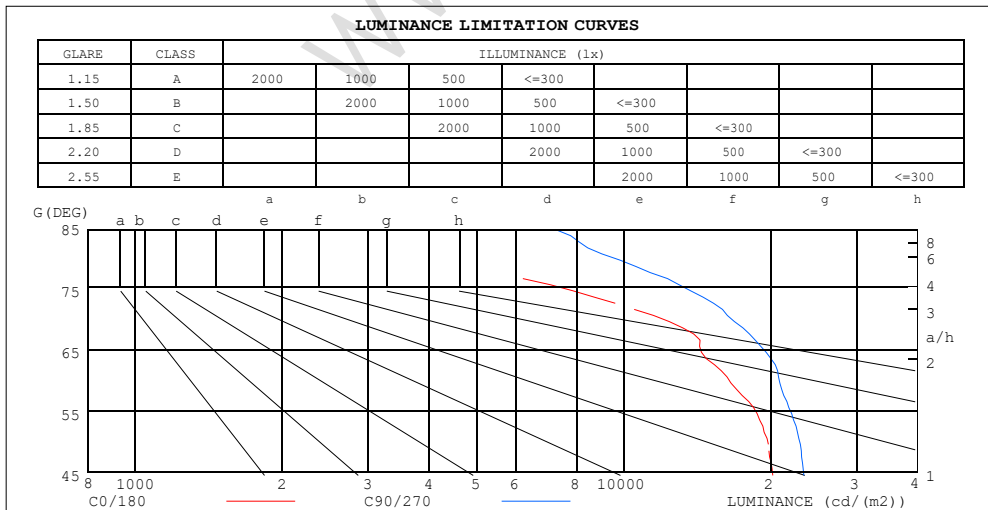
@ Range: 0 - 180DEG
@ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 54.2%
Test Distance: 10.149m [K=1.0000]
Unit name: Guangdong Queendom

Assessor: Lijian Jiang

**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	828.8	840.9	861.0	857.3	861.1	849.7	856.7	834.0	0- 10	81.78	81.78	3.19,3.19
20	774.4	784.7	812.5	845.2	856.4	837.2	814.8	781.1	10- 20	235.2	317.0	12.4,12.4
30	707.6	706.9	742.3	791.5	810.0	789.0	754.3	707.6	20- 30	361.3	678.3	26.4,26.4
40	592.6	616.3	658.8	704.8	715.0	709.2	672.5	613.4	30- 40	442.6	1121	43.7,43.7
50	462.0	490.5	537.7	583.1	607.4	590.0	547.2	477.4	40- 50	463.2	1584	61.7,61.7
60	301.2	341.7	379.7	451.9	486.5	451.4	392.9	337.1	50- 60	419.0	2003	78.1,78.1
70	153.8	174.6	209.4	326.4	366.6	312.6	220.4	162.1	60- 70	316.4	2320	90.4,90.4
80	26.62	42.08	61.81	165.0	174.3	151.8	57.63	35.50	70- 80	174.4	2494	97.2,97.2
90	3.202	5.087	1.448	23.87	38.97	22.57	1.314	5.455	80- 90	48.36	2542	99.1,99.1
100	2.959	3.880	0.7224	4.423	3.361	5.601	0.5582	3.684	90-100	7.979	2550	99.4,99.4
110	3.061	3.207	1.304	3.733	2.818	4.106	1.078	3.013	100-110	3.268	2554	99.5,99.5
120	3.144	2.607	1.932	3.259	2.773	3.107	1.684	2.459	110-120	2.695	2556	99.6,99.6
130	3.227	2.818	2.497	3.234	2.805	3.093	2.242	2.625	120-130	2.437	2559	99.7,99.7
140	3.368	3.075	2.938	3.336	3.011	3.055	2.703	2.881	130-140	2.251	2561	99.8,99.8
150	3.490	3.375	3.278	3.336	3.259	3.087	3.075	3.201	140-150	1.980	2563	99.9,99.9
160	3.663	3.618	3.528	3.446	3.298	3.298	3.394	3.503	150-160	1.556	2564	99.9,99.9
170	3.810	3.759	3.720	3.663	3.580	3.605	3.657	3.720	160-170	1.013	2565	100,100
180	3.829	3.810	3.836	3.817	3.836	3.810	3.810	3.810	170-180	0.3573	2566	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	3181	7279
80	4259	9888
75	7917	13815
70	12491	17005
65	14549	19751
60	16735	21092
55	18933	22298
50	19966	23238
45	20396	23636

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Jianfei Wu
Test Date:2022-03-14

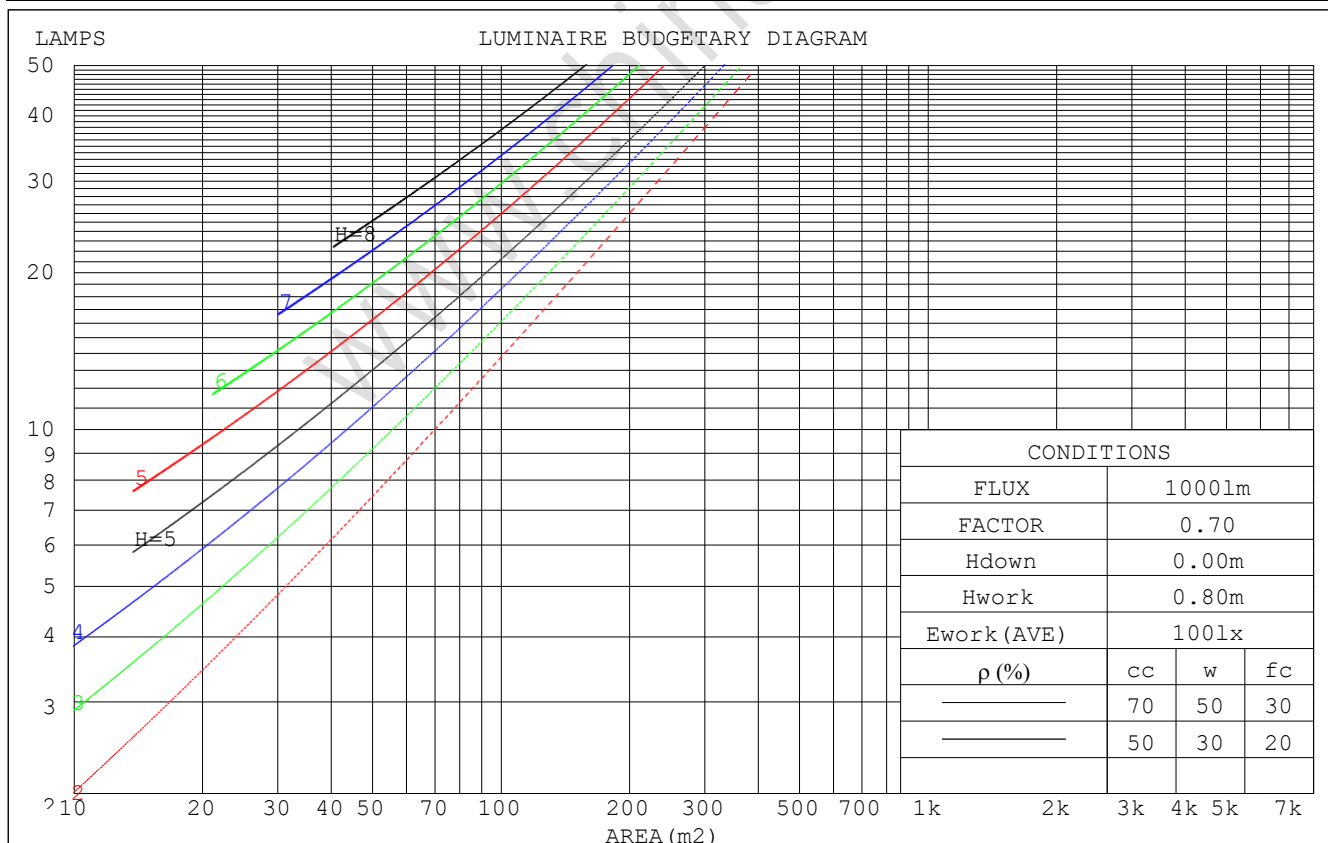
@ Range: 0 - 180DEG
@ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Unit name: Guangdong Queendom

Checker: Jianfei Wu

Assessor: Lijian Jiang

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.01	1.01	1.01	.99
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Jianfei Wu
 Test Date: 2022-03-14

@ Range: 0 - 180DEG
 @ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Unit name: Guangdong Queendom

Checker: Jianfei Wu

Assessor: Lijian Jiang

WEC AND CCEC

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	.310	.176	.056	.302	.173	.055	.289	.166	.053	.276	.159	.051	.264	.153	.049	
2.0	.292	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.142	.045	
3.0	.270	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.234	.130	.040	
4.0	.250	.130	.038	.244	.128	.038	.235	.125	.037	.226	.121	.037	.218	.118	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.031	.202	.104	.030	.195	.101	.030	.189	.099	.029	
7.0	.199	.098	.028	.196	.097	.028	.189	.095	.027	.182	.094	.027	.176	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.147	.074	.021	

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	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.187	.163	.141	.160	.140	.122	.110	.096	.084	.063	.056	.049	.020	.018	.016	
2.0	.179	.139	.105	.154	.120	.091	.105	.083	.063	.061	.048	.037	.019	.016	.012	
3.0	.172	.121	.081	.147	.105	.071	.101	.073	.049	.058	.043	.029	.019	.014	.010	
4.0	.164	.108	.065	.141	.093	.057	.097	.065	.040	.056	.038	.024	.018	.012	.008	
5.0	.157	.098	.054	.135	.085	.047	.093	.059	.033	.054	.035	.020	.017	.011	.007	
6.0	.150	.089	.046	.129	.077	.040	.089	.054	.029	.051	.032	.017	.017	.010	.006	
7.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
8.0	.136	.077	.036	.117	.067	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004	
9.0	.130	.072	.032	.112	.062	.028	.078	.044	.020	.045	.026	.012	.015	.008	.004	
10.0	.125	.068	.030	.107	.059	.026	.075	.041	.018	.043	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Jianfei Wu
 Test Date: 2022-03-14

Checker: Jianfei Wu

@ Range: 0 - 180DEG
 @ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Unit name: Guangdong Queendom

Assessor: Lijian Jiang

UGR(Unified Glare Rating) Table

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	22.4	23.9	22.7	24.1	24.4	23.2	24.8	23.5	25.0	25.2
3H	23.4	24.8	23.7	25.1	25.3	24.6	26.0	24.9	26.3	26.5
4H	23.6	24.9	23.9	25.2	25.5	25.0	26.3	25.3	26.6	26.9
6H	23.6	24.8	23.9	25.1	25.4	25.2	26.4	25.5	26.7	27.0
8H	23.6	24.8	23.9	25.1	25.4	25.2	26.4	25.6	26.7	27.0
12H	23.5	24.7	23.9	25.0	25.3	25.2	26.4	25.6	26.7	27.0
4H 2H	23.0	24.3	23.3	24.6	24.9	23.6	25.0	24.0	25.2	25.5
3H	24.1	25.3	24.5	25.6	25.9	25.2	26.3	25.5	26.6	27.0
4H	24.4	25.4	24.8	25.8	26.1	25.6	26.7	26.0	27.0	27.4
6H	24.4	25.4	24.8	25.7	26.1	25.9	26.8	26.3	27.2	27.6
8H	24.4	25.3	24.8	25.7	26.1	25.9	26.8	26.4	27.2	27.6
12H	24.4	25.2	24.8	25.6	26.0	26.0	26.8	26.4	27.2	27.6
8H 4H	24.5	25.4	25.0	25.8	26.2	25.7	26.6	26.1	27.0	27.4
6H	24.6	25.4	25.1	25.8	26.2	26.0	26.8	26.5	27.2	27.6
8H	24.6	25.3	25.1	25.7	26.2	26.1	26.8	26.6	27.2	27.7
12H	24.6	25.2	25.1	25.7	26.2	26.2	26.7	26.7	27.2	27.7
12H 4H	24.5	25.3	25.0	25.7	26.2	25.7	26.5	26.1	26.9	27.3
6H	24.6	25.3	25.1	25.7	26.2	26.0	26.7	26.5	27.1	27.6
8H	24.6	25.2	25.1	25.7	26.2	26.1	26.7	26.6	27.1	27.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
2.0H	+ 0.5 / - 0.6					+ 0.4 / - 0.6				

CIE Pub.117 Corrected 2566 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Jianfei Wu
Test Date:2022-03-14

Checker: Jianfei Wu

@ Range: 0 - 180DEG
@ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Unit name: Guangdong Queendom

Assessor: Lijian Jiang

UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Jianfei Wu
 Test Date: 2022-03-14

Checker: Jianfei Wu

@ Range: 0 - 180DEG
 @ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Unit name: Guangdong Queendom

Assessor: Lijian Jiang

ISOCANDELA DIAGRAM

Conical surface Flux(90deg):

1354 lm

%lum = 52.8%

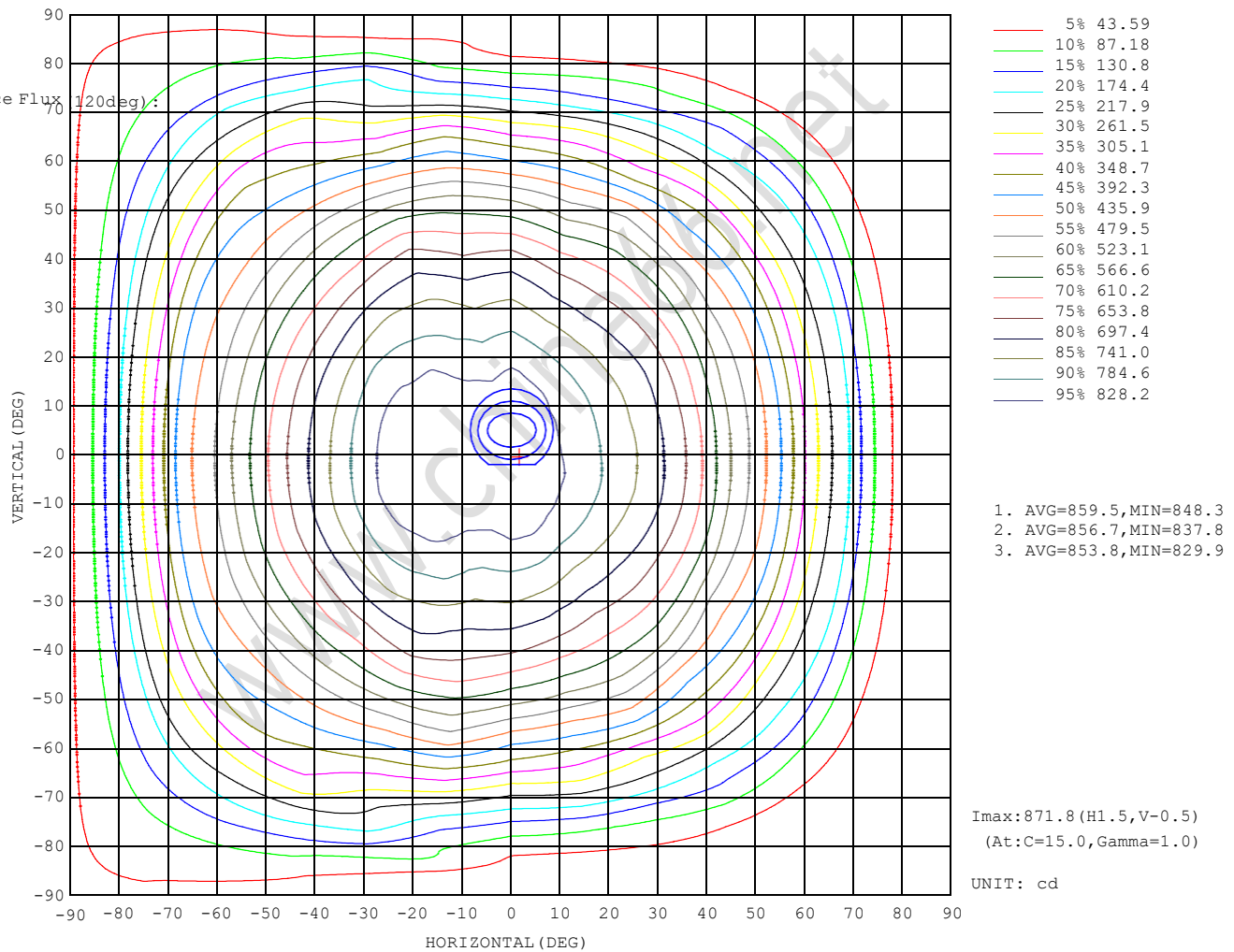
%lamp = 52.8%

Conical surface Flux(120deg):

2003.1 lm

%lum = 78.1%

%lamp = 78.1%



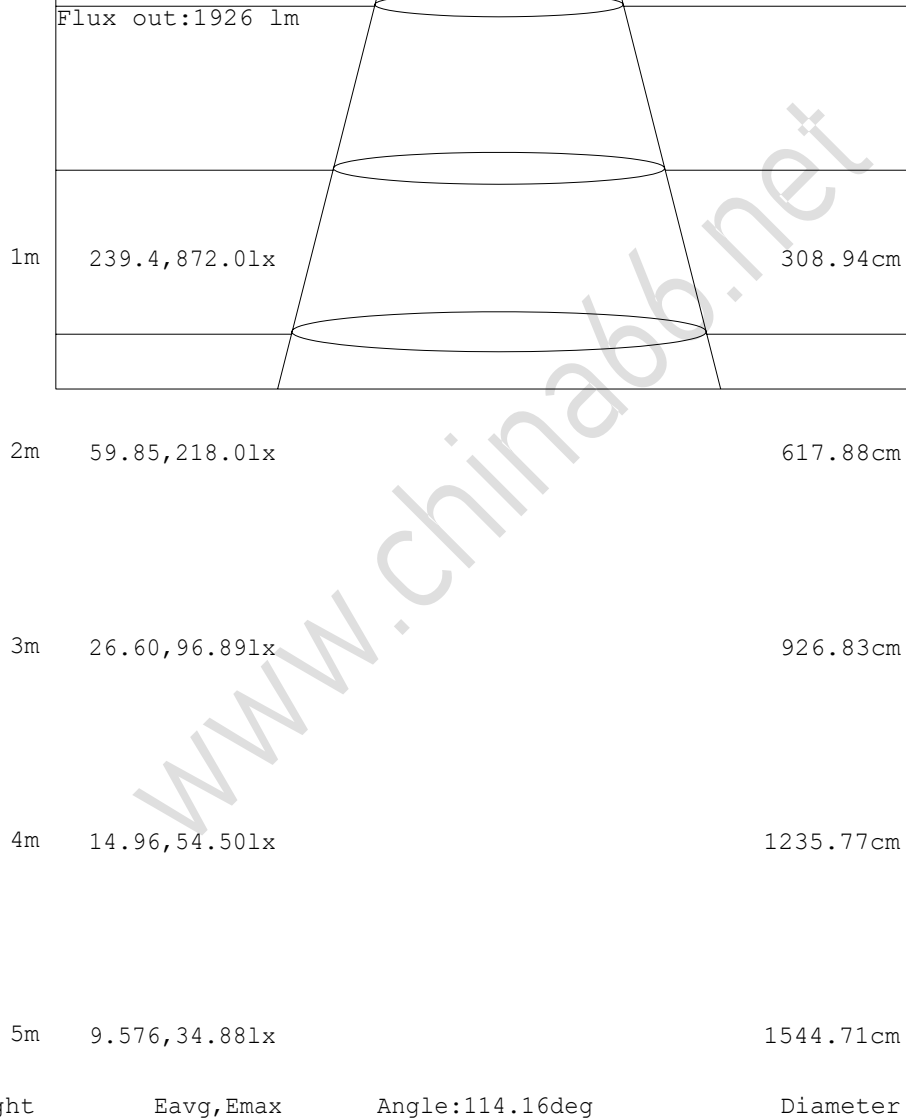
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Jianfei Wu
Test Date: 2022-03-14

Checker: Jianfei Wu

@ Range: 0 - 180DEG
@ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 54.2%
Test Distance: 10.149m [K=1.0000]
Unit name: Guangdong Queendom

Assessor: Lijian Jiang

AAI Figure



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

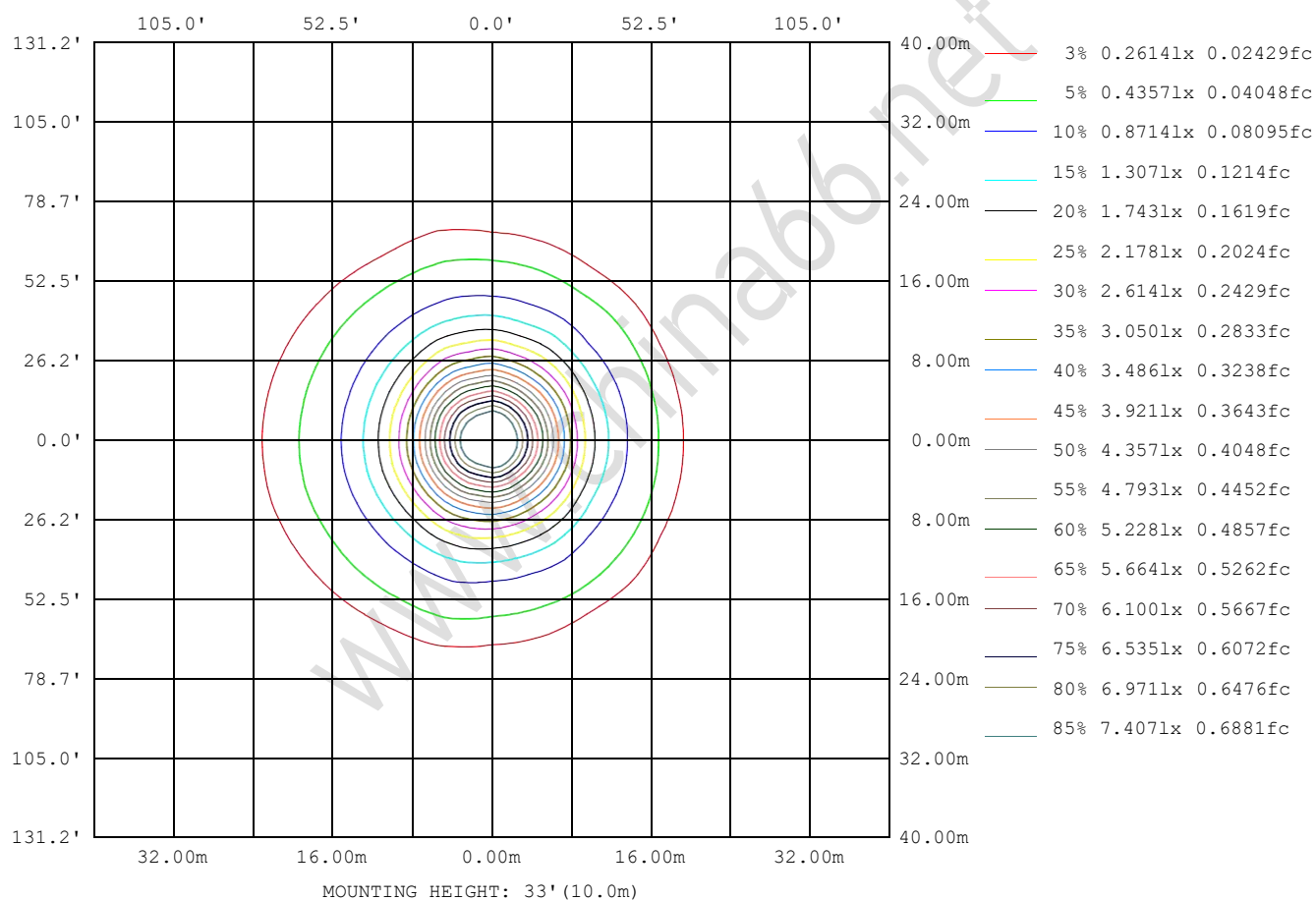
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Jianfei Wu
Test Date:2022-03-14

@ Range: 0 - 180DEG
@ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Unit name: Guangdong Queendom

Checker: Jianfei Wu

Assessor: Lijian Jiang

ISOLUX DIAGRAM



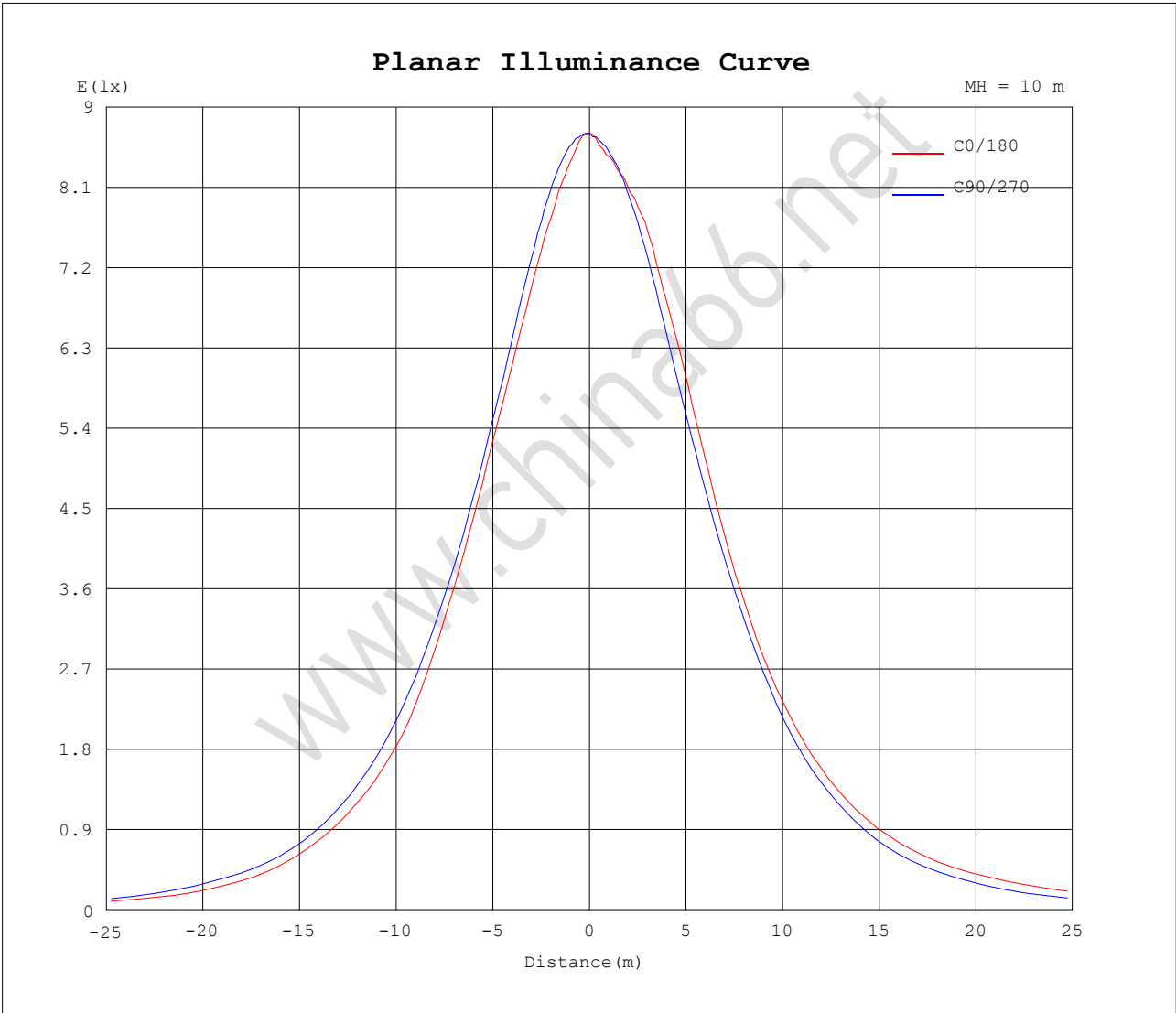
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Jianfei Wu
Test Date: 2022-03-14

Checker: Jianfei Wu

@ Range: 0 - 180DEG
@ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 54.2%
Test Distance: 10.149m [K=1.0000]
Unit name: Guangdong Queendom

Assessor: Lijian Jiang

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Jianfei Wu
Test Date:2022-03-14

Checker: Jianfei Wu

@ Range: 0 - 180DEG
@ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Unit name: Guangdong Queendom

Assessor: Lijian Jiang

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	871	869	869	871	870	869	870	871	869	872	870	868	871	869	869	871	870	869	870
5	854	857	861	866	870	871	869	867	862	858	860	859	857	857	857	856	858	860	865
10	829	834	837	841	851	863	861	856	853	857	857	858	861	856	850	850	847	849	857
15	804	808	812	819	825	840	843	832	840	849	860	866	866	862	851	843	835	831	841
20	774	779	779	785	789	805	813	808	820	845	860	857	856	853	852	837	817	805	815
25	745	746	747	748	750	769	779	774	799	823	837	845	843	839	830	823	795	778	786
30	708	713	711	707	708	729	742	743	776	792	812	813	810	808	810	789	776	744	754
35	659	665	664	661	664	684	702	707	734	758	762	768	764	762	763	760	746	711	717
40	593	603	608	616	620	637	659	675	701	705	706	716	715	712	707	709	705	669	672
45	519	524	535	561	569	579	602	636	655	644	652	664	662	659	652	653	665	621	612
50	462	466	460	490	513	516	538	576	591	583	592	607	607	602	593	590	597	569	547
55	391	398	399	405	445	440	460	512	513	518	528	546	547	539	529	525	519	509	473
60	301	308	326	342	358	364	380	439	435	452	466	486	487	479	467	451	435	427	393
65	221	224	236	266	262	294	300	347	356	385	407	435	438	427	406	378	349	361	309
70	154	162	171	175	196	215	209	252	275	326	353	366	367	360	352	313	268	261	220
75	73.8	79.1	90.3	117	111	124	129	162	217	259	260	271	271	266	263	253	200	160	131
80	26.6	29.1	32.7	42.1	57.5	61.2	61.8	95.5	147	165	169	175	174	169	174	152	148	80.8	57.6
85	9.98	11.5	12.9	13.4	13.9	19.6	22.8	46.9	57.4	76.3	83.1	92.5	93.2	87.6	82.4	68.5	50.4	44.3	15.8
90	3.20	3.82	4.36	5.09	7.04	5.24	1.45	8.48	14.9	23.9	31.8	38.1	39.0	36.5	31.1	22.6	14.8	8.27	1.31
95	3.01	3.57	3.97	4.22	4.32	2.50	0.55	5.23	8.17	11.0	13.7	16.1	16.2	15.5	13.7	10.8	8.87	4.49	0.40
100	2.96	3.46	3.78	3.88	3.51	1.62	0.72	3.25	4.52	4.42	4.13	3.80	3.36	4.02	4.76	5.60	5.64	2.76	0.56
105	2.99	3.39	3.62	3.23	2.78	1.42	0.99	2.68	3.84	4.03	3.82	3.38	2.93	3.61	4.30	4.79	4.33	2.03	0.80
110	3.06	3.36	2.97	3.21	2.27	1.49	1.30	2.34	3.29	3.73	3.66	3.28	2.82	3.42	3.92	4.11	3.36	1.72	1.08
115	3.11	3.30	3.31	2.63	2.22	1.75	1.61	2.18	3.01	3.47	3.54	3.23	2.78	3.27	3.60	3.50	3.05	1.66	1.38
120	3.14	3.27	2.87	2.61	2.31	2.02	1.93	2.22	3.08	3.26	3.40	3.20	2.77	3.14	3.32	3.11	2.91	1.79	1.68
125	3.20	3.22	2.87	2.69	2.45	2.31	2.23	2.34	3.07	3.14	3.29	3.17	2.79	3.04	3.11	3.00	2.73	1.98	1.97
130	3.23	3.23	2.96	2.82	2.64	2.56	2.50	2.46	3.02	3.23	3.19	3.11	2.80	2.96	2.99	3.09	2.68	2.21	2.24
135	3.28	3.23	3.05	2.94	2.83	2.78	2.73	2.65	3.02	3.33	3.27	3.13	2.84	2.98	3.10	3.10	2.70	2.46	2.48
140	3.37	3.26	3.18	3.07	3.02	2.99	2.94	2.84	3.07	3.34	3.42	3.31	3.01	3.16	3.21	3.05	2.76	2.66	2.70
145	3.43	3.36	3.28	3.22	3.20	3.16	3.12	3.05	3.09	3.32	3.45	3.45	3.20	3.25	3.21	3.06	2.87	2.87	2.91
150	3.49	3.45	3.41	3.37	3.34	3.31	3.28	3.21	3.20	3.34	3.45	3.47	3.26	3.27	3.20	3.09	3.02	3.04	3.07
155	3.57	3.55	3.53	3.51	3.49	3.47	3.43	3.36	3.34	3.37	3.45	3.48	3.25	3.25	3.21	3.18	3.16	3.22	3.24
160	3.66	3.64	3.62	3.62	3.60	3.57	3.53	3.49	3.46	3.45	3.46	3.50	3.30	3.29	3.29	3.30	3.30	3.37	3.39
165	3.76	3.73	3.71	3.70	3.68	3.66	3.63	3.59	3.58	3.57	3.55	3.55	3.43	3.41	3.45	3.44	3.47	3.50	3.54
170	3.81	3.79	3.78	3.76	3.74	3.73	3.72	3.70	3.67	3.66	3.67	3.65	3.58	3.57	3.58	3.61	3.61	3.64	3.66
175	3.85	3.82	3.81	3.79	3.79	3.78	3.78	3.78	3.77	3.77	3.77	3.77	3.72	3.69	3.70	3.73	3.73	3.75	3.75
180	3.83	3.78	3.80	3.81	3.80	3.80	3.84	3.81	3.82	3.82	3.83	3.84	3.84	3.80	3.81	3.81	3.82	3.82	3.81

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Jianfei Wu
 Test Date: 2022-03-14

@ Range: 0 - 180DEG
 @ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Unit name: Guangdong Queendom

Checker: Jianfei Wu

Assessor: Lijian Jiang

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	871	869	872	870	868														
5	866	862	858	854	855														
10	854	844	834	831	828														
15	830	819	809	806	801														
20	801	789	781	775	773														
25	764	753	745	745	741														
30	725	710	708	712	706														
35	682	669	668	665	658														
40	634	622	613	606	592														
45	576	575	554	534	518														
50	510	512	477	462	462														
55	443	437	403	400	393														
60	370	338	337	317	304														
65	293	267	249	230	222														
70	205	187	162	167	156														
75	119	102	98.9	83.5	75.1														
80	51.6	47.6	35.5	30.4	27.4														
85	15.4	13.8	12.6	11.9	10.7														
90	6.60	7.50	5.46	4.42	3.61														
95	3.73	3.72	4.26	3.85	3.23														
100	2.42	4.33	3.68	3.34	3.04														
105	1.76	3.44	3.15	3.21	2.90														
110	1.40	2.23	3.01	3.23	2.82														
115	1.54	2.09	2.50	3.20	2.95														
120	1.79	2.15	2.46	2.72	2.98														
125	2.06	2.26	2.52	2.71	2.96														
130	2.31	2.42	2.63	2.79	3.03														
135	2.55	2.60	2.74	2.87	3.09														
140	2.78	2.80	2.88	2.99	3.13														
145	2.96	3.00	3.05	3.11	3.20														
150	3.14	3.19	3.20	3.23	3.29														
155	3.30	3.33	3.37	3.38	3.43														
160	3.44	3.46	3.50	3.53	3.55														
165	3.57	3.59	3.62	3.65	3.67														
170	3.68	3.71	3.72	3.74	3.78														
175	3.77	3.79	3.79	3.80	3.83														
180	3.82	3.82	3.81	3.84	3.83														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Jianfei Wu
 Test Date: 2022-03-14

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@ Range: 0 - 180DEG
 @ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Unit name: Guangdong Queendom

Assessor: Lijian Jiang