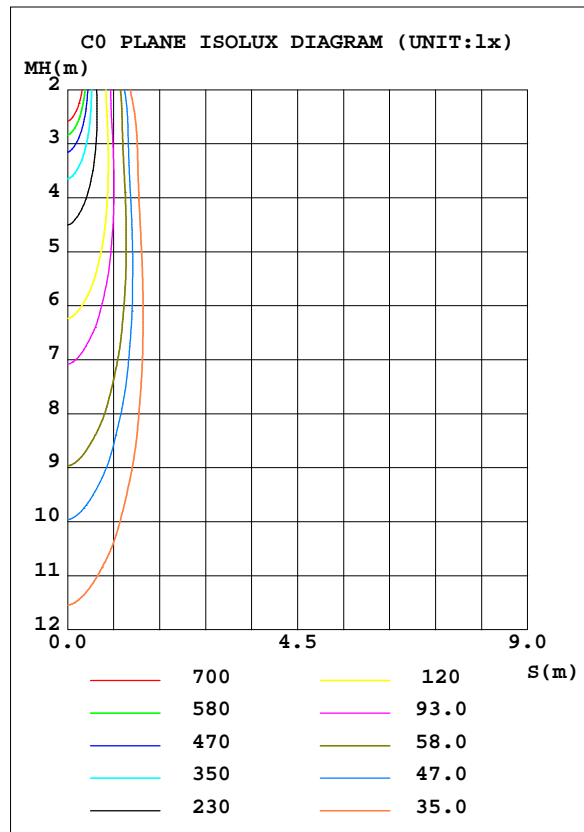
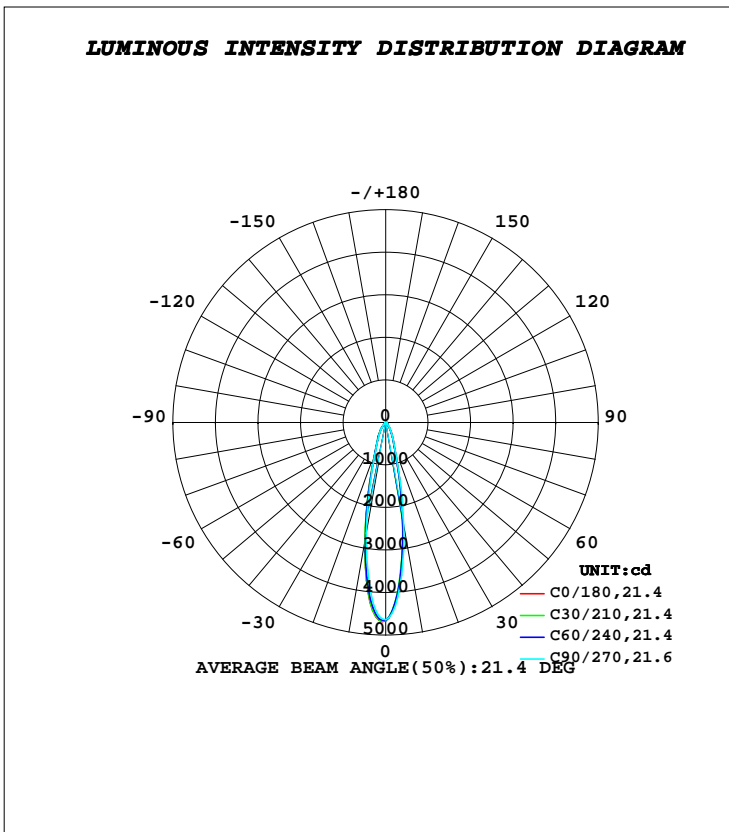


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz	
Lamp Flux:1098.14x1 lm	
NAME: LED SPOT LIGHT D68	TYPE: LED
MFR.: Guangdong Belite Lighting Technology Co.,Ltd	

DATA OF LAMP		PHOTOMETRIC DATA      Eff: 101.68 lm/W			
MODEL		I <sub>max</sub> (cd)	4684	S/MH(C0/180)	0.34
NOMINAL POWER(W)	10.8	LOR(%)	100.0	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1098.1	η UP, DN(C0-180)	1.4, 46.0
NOMINAL FLUX(lm)	1098.14	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.7, 50.8
LAMPS INSIDE	1	η up(%)	3.1	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	221.3	η down(%)	96.9	CIBSE SHR MAX	0.30



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-03-26**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

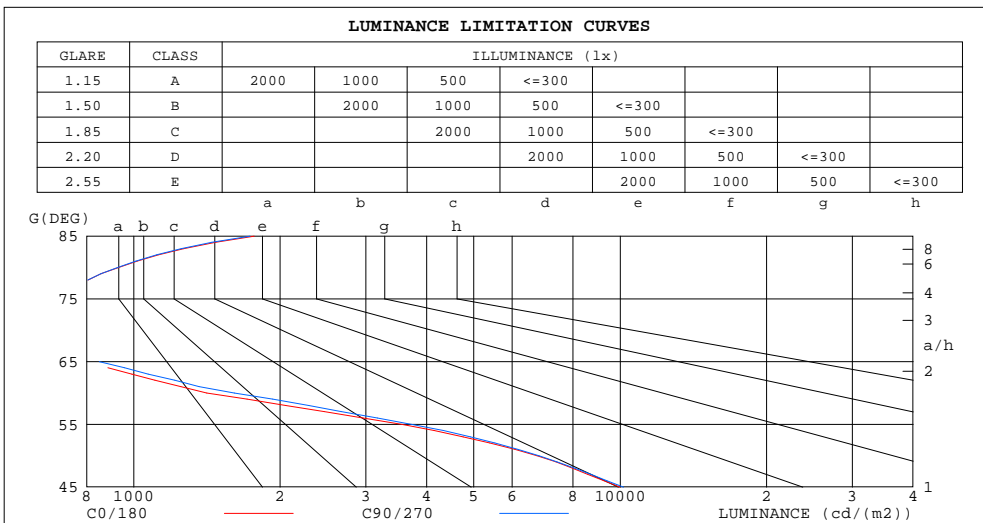
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	2306	2283	2447	2658	2820	2809	2644	2422	0- 10	332.1	332.1	30.2,30.2
20	612.7	593.8	616.4	670.3	723.5	730.6	700.1	642.2	10- 20	368.5	700.7	63.8,63.8
30	257.9	251.0	266.7	287.0	312.7	321.3	292.8	283.9	20- 30	198.3	899.0	81.9,81.9
40	66.28	61.12	70.49	92.45	109.5	112.3	106.5	84.22	30- 40	114.1	1013	92.3,92.3
50	21.69	21.22	21.87	24.58	27.60	27.47	25.56	23.83	40- 50	33.01	1046	95.3,95.3
60	3.533	3.502	4.022	4.805	6.183	5.872	5.011	4.518	50- 60	11.44	1058	96.3,96.3
70	1.048	1.018	1.062	1.169	2.360	2.288	2.220	2.262	60- 70	2.548	1060	96.5,96.5
80	0.8077	0.7900	0.8034	0.8338	2.719	2.673	2.683	2.719	70- 80	1.797	1062	96.7,96.7
90	0.8277	0.8183	0.7866	0.7814	2.726	2.706	2.694	2.684	80- 90	1.916	1064	96.9,96.9
100	1.563	1.527	1.420	1.340	2.764	2.749	2.762	2.789	90-100	2.062	1066	97.1,97.1
110	3.200	3.108	2.936	2.786	3.217	3.200	3.240	3.324	100-110	2.705	1069	97.3,97.3
120	4.128	4.063	3.975	3.910	4.517	4.498	4.589	4.706	110-120	3.699	1072	97.6,97.6
130	4.909	4.932	4.836	4.685	6.073	6.032	6.107	6.238	120-130	4.317	1077	98,98
140	7.876	7.924	7.828	7.481	8.344	8.302	8.479	8.680	130-140	5.119	1082	98.5,98.5
150	11.22	11.25	11.30	10.97	11.62	11.58	11.75	11.84	140-150	6.118	1088	99.1,99.1
160	12.85	12.74	13.33	13.02	13.76	13.68	13.97	13.40	150-160	5.798	1094	99.6,99.6
170	10.59	10.34	11.05	11.29	11.76	11.69	11.64	10.92	160-170	3.586	1097	99.9,99.9
180	8.743	8.977	9.034	9.056	8.772	8.985	9.030	9.050	170-180	0.9616	1098	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-03-26**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1769	1735
80	930	925
75	687	685
70	613	621
65	793	850
60	1413	1609
55	3561	3729
50	6750	6806
45	9988	10161

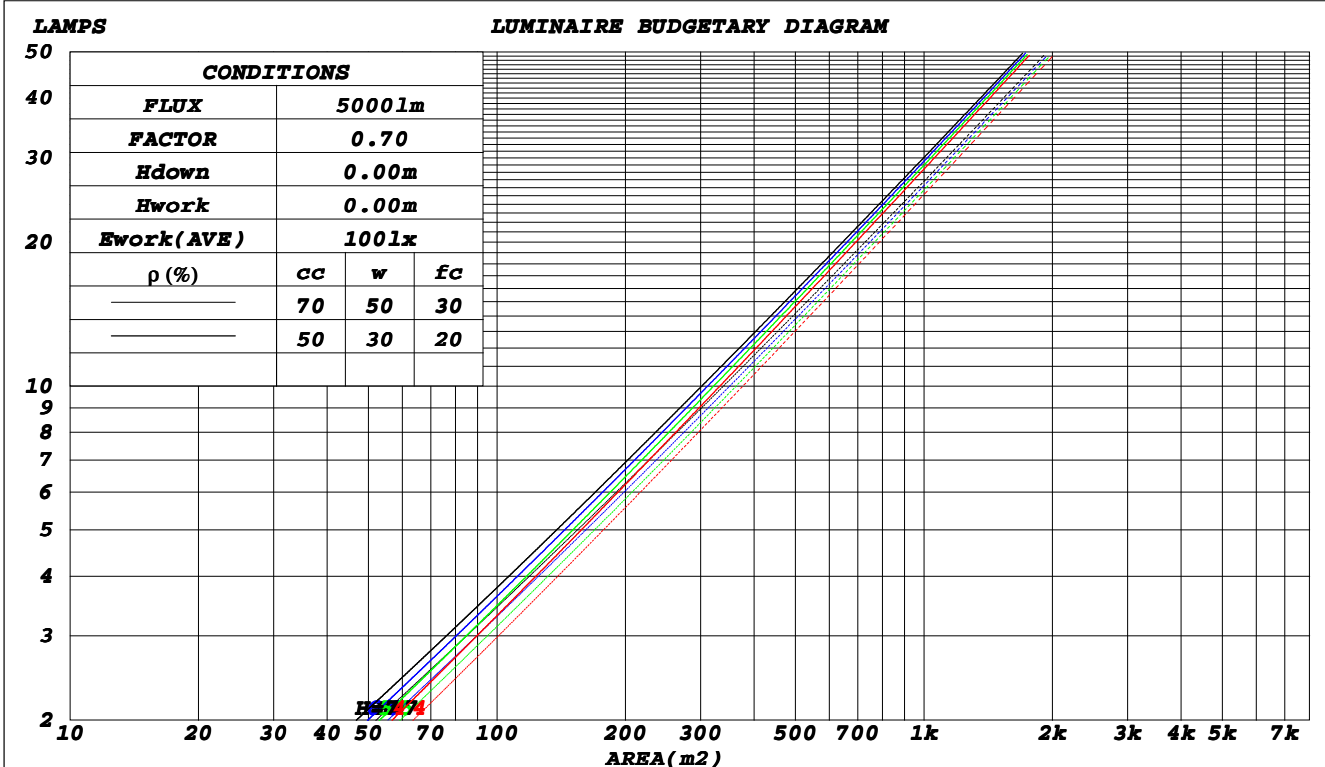
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-03-26**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz		
Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Coefficients of Utilization(CU)</b>									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	.00	.99	.98	.96	.95	.94	.92
2.0	1.05	1.01	.99	1.03	.00	.97	.99	.97	.95	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.92	.90	.87	.90	.88	.86	.84
4.0	.95	.90	.87	.93	.89	.86	.91	.87	.85	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.86	.82	.89	.85	.82	.87	.83	.81	.85	.82	.80	.84	.81	.79	.77
6.0	.86	.82	.78	.86	.81	.78	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.83	.78	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.78	.75	.73	.71
8.0	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.71	.76	.72	.70	.69
9.0	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.73	.70	.68	.67
10.0	.74	.70	.67	.74	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.64



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-03-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=0.7063]  
 Remarks:

**WEC AND CCEC**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz		
Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.156	.088	.028	.148	.084	.027	.134	.077	.025	.121	.070	.022	.109	.063	.020	
2.0	.145	.080	.024	.139	.077	.024	.127	.071	.022	.116	.065	.020	.106	.060	.019	
3.0	.136	.073	.022	.131	.070	.021	.121	.065	.020	.111	.061	.019	.102	.057	.018	
4.0	.128	.067	.020	.124	.065	.019	.115	.061	.018	.107	.057	.017	.099	.054	.016	
5.0	.121	.062	.018	.117	.060	.018	.109	.057	.017	.102	.054	.016	.095	.051	.015	
6.0	.115	.058	.016	.111	.056	.016	.104	.053	.016	.098	.051	.015	.092	.048	.014	
7.0	.109	.054	.015	.106	.053	.015	.100	.050	.015	.094	.048	.014	.089	.046	.014	
8.0	.104	.051	.014	.101	.050	.014	.096	.048	.014	.091	.046	.013	.086	.044	.013	
9.0	.099	.048	.013	.097	.047	.013	.092	.045	.013	.087	.044	.013	.083	.042	.012	
10.0	.095	.045	.013	.092	.045	.012	.088	.043	.012	.084	.042	.012	.080	.040	.012	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.194	.182	.171	.166	.156	.147	.113	.107	.102	.065	.062	.059	.021	.020	.019	
2.0	.177	.157	.140	.152	.135	.121	.104	.093	.084	.060	.054	.049	.019	.018	.016	
3.0	.163	.138	.118	.140	.119	.102	.096	.083	.071	.055	.048	.042	.018	.016	.014	
4.0	.152	.123	.101	.130	.106	.088	.089	.074	.062	.052	.043	.036	.017	.014	.012	
5.0	.142	.111	.088	.122	.096	.076	.084	.067	.054	.049	.039	.032	.016	.013	.011	
6.0	.133	.101	.078	.115	.088	.068	.079	.061	.048	.046	.036	.029	.015	.012	.009	
7.0	.126	.093	.070	.109	.081	.061	.075	.057	.043	.044	.033	.026	.014	.011	.009	
8.0	.120	.087	.064	.103	.075	.056	.071	.053	.039	.042	.031	.024	.013	.010	.008	
9.0	.114	.081	.059	.099	.070	.051	.068	.050	.036	.040	.029	.022	.013	.010	.007	
10.0	.110	.077	.055	.094	.067	.048	.066	.047	.034	.038	.028	.020	.012	.009	.007	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-03-26**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz		
Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		

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				
<b>x = 2H y = 2H</b>	13.7	14.4	13.9	14.6	14.8	13.7	14.4	14.0	14.6	14.8
3H	13.5	14.2	13.8	14.5	14.7	13.5	14.2	13.8	14.5	14.7
4H	13.4	14.1	13.8	14.4	14.6	13.5	14.1	13.8	14.4	14.6
6H	13.4	14.0	13.7	14.3	14.6	13.4	14.0	13.7	14.3	14.6
8H	13.3	13.9	13.7	14.2	14.5	13.3	13.9	13.7	14.2	14.6
12H	13.3	13.9	13.7	14.2	14.5	13.3	13.9	13.7	14.2	14.5
<b>4H 2H</b>	13.5	14.1	13.8	14.4	14.6	13.5	14.1	13.8	14.4	14.7
3H	13.3	13.8	13.6	14.2	14.5	13.3	13.9	13.7	14.2	14.5
4H	13.2	13.7	13.6	14.1	14.4	13.2	13.7	13.6	14.1	14.4
6H	13.1	13.6	13.5	14.0	14.4	13.1	13.6	13.6	14.0	14.4
8H	13.1	13.5	13.5	13.9	14.3	13.1	13.5	13.5	13.9	14.4
12H	13.1	13.4	13.5	13.9	14.3	13.1	13.5	13.5	13.9	14.3
<b>8H 4H</b>	13.0	13.5	13.5	13.9	14.3	13.1	13.5	13.5	13.9	14.3
6H	13.0	13.3	13.4	13.8	14.2	13.0	13.3	13.5	13.8	14.3
8H	12.9	13.2	13.4	13.7	14.2	13.0	13.3	13.5	13.7	14.2
12H	12.9	13.2	13.5	13.7	14.2	13.0	13.2	13.5	13.7	14.3
<b>12H 4H</b>	13.0	13.4	13.4	13.8	14.2	13.0	13.4	13.5	13.8	14.3
6H	12.9	13.2	13.4	13.7	14.2	12.9	13.2	13.4	13.7	14.2
8H	12.9	13.2	13.4	13.7	14.2	12.9	13.2	13.4	13.7	14.2
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	+ 3.5 / - 8.1					+ 3.8 / - 7.9				
1.5H	+ 5.3 / - 6.1					+ 5.6 / - 6.3				
2.0H	+ 4.6 / - 6.0					+ 4.7 / - 6.1				

CIE Pub.117, 1098 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.3)  
 Area: 0.005 m2

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-03-26**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**UTILIZATION FACTORS TABLE**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		

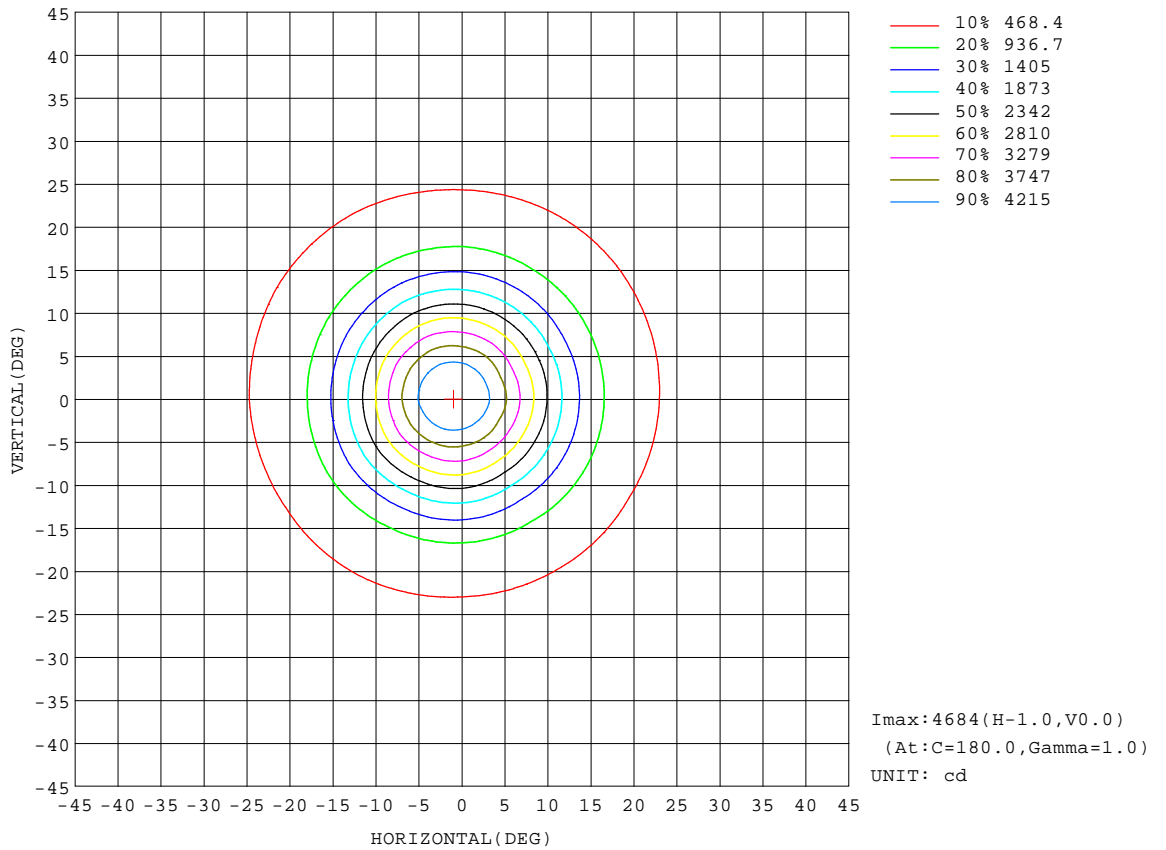
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	87	80	77	86	80	77	85	80	76	73
<b>0.80</b>	94	88	85	93	88	84	92	87	84	80
<b>1.00</b>	98	93	89	97	92	89	95	92	88	84
<b>1.25</b>	102	97	94	101	96	93	99	95	92	88
<b>1.50</b>	105	100	97	104	99	96	101	98	95	90
<b>2.00</b>	108	103	100	106	102	99	103	100	97	92
<b>2.50</b>	109	105	102	107	104	101	104	101	99	92
<b>3.00</b>	111	107	105	109	106	103	105	103	101	93
<b>4.00</b>	113	110	108	111	108	106	106	105	103	95
<b>5.00</b>	114	112	110	112	110	108	107	106	105	96
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
<b>According to DIN EN 13032-2 2004</b>			<b>Suspended</b>					<b>SHRNM = 1.25</b>		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-03-26**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz		
Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2021-03-26**

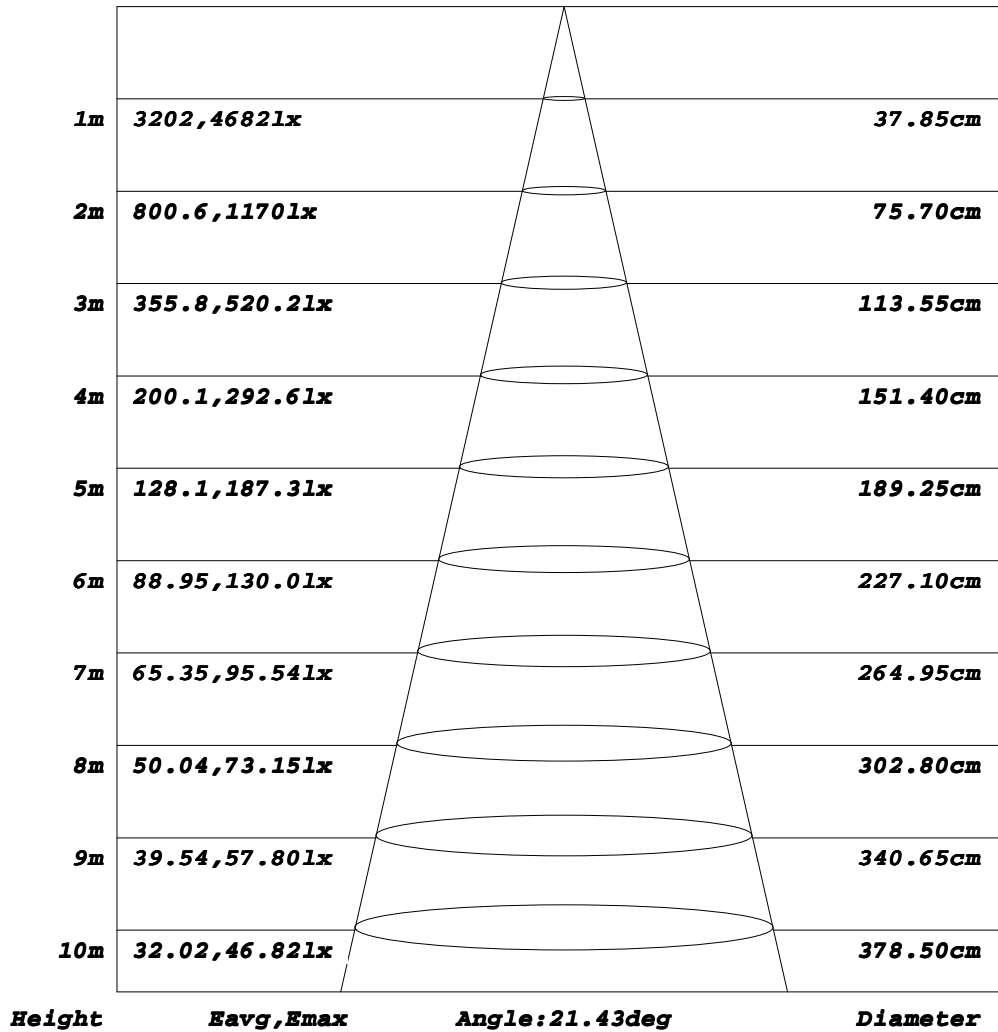
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**



**AAI Figure**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz		
Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		

**Flux out:380.1 lm**



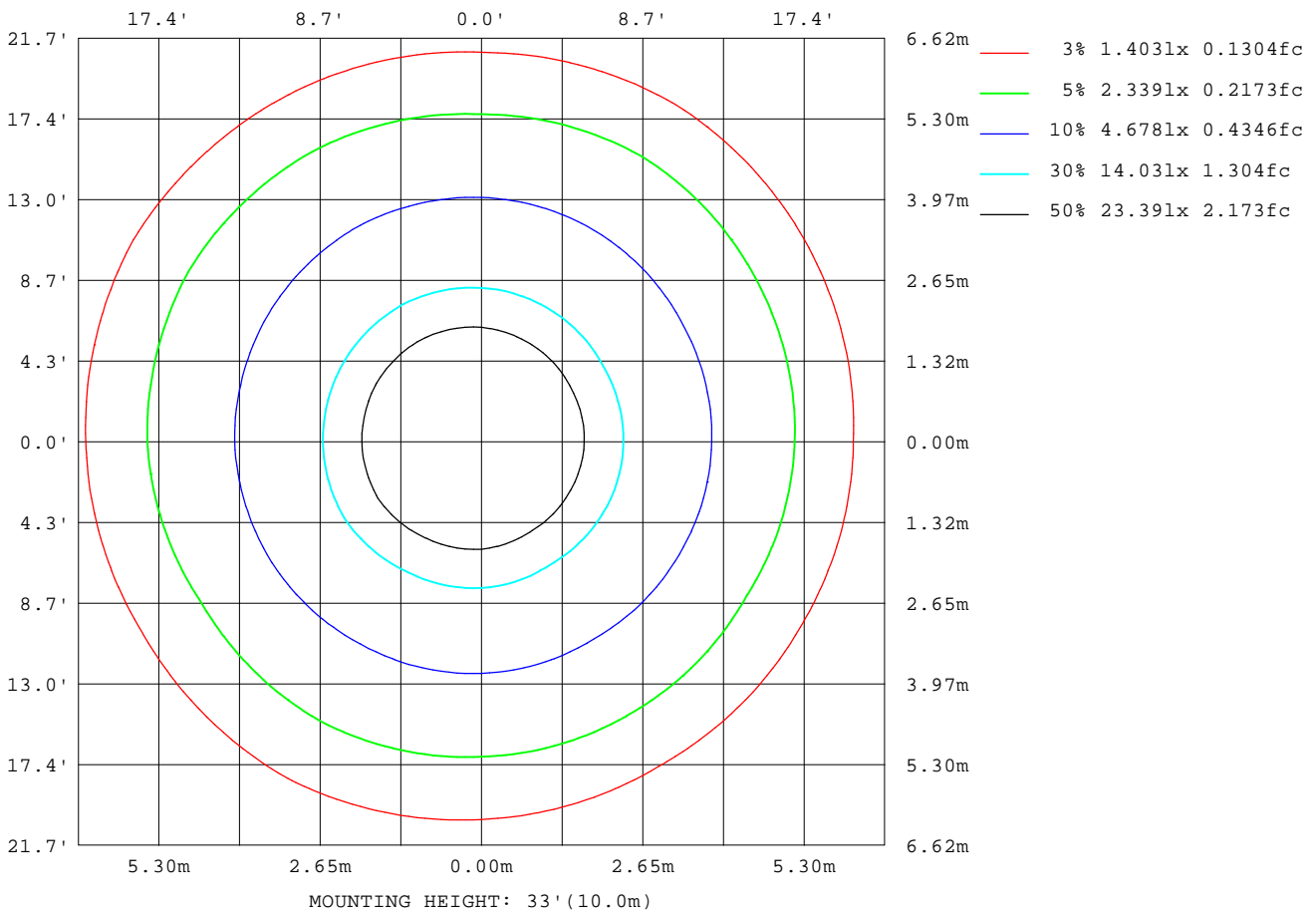
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-03-26**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**ISOLUX DIAGRAM**

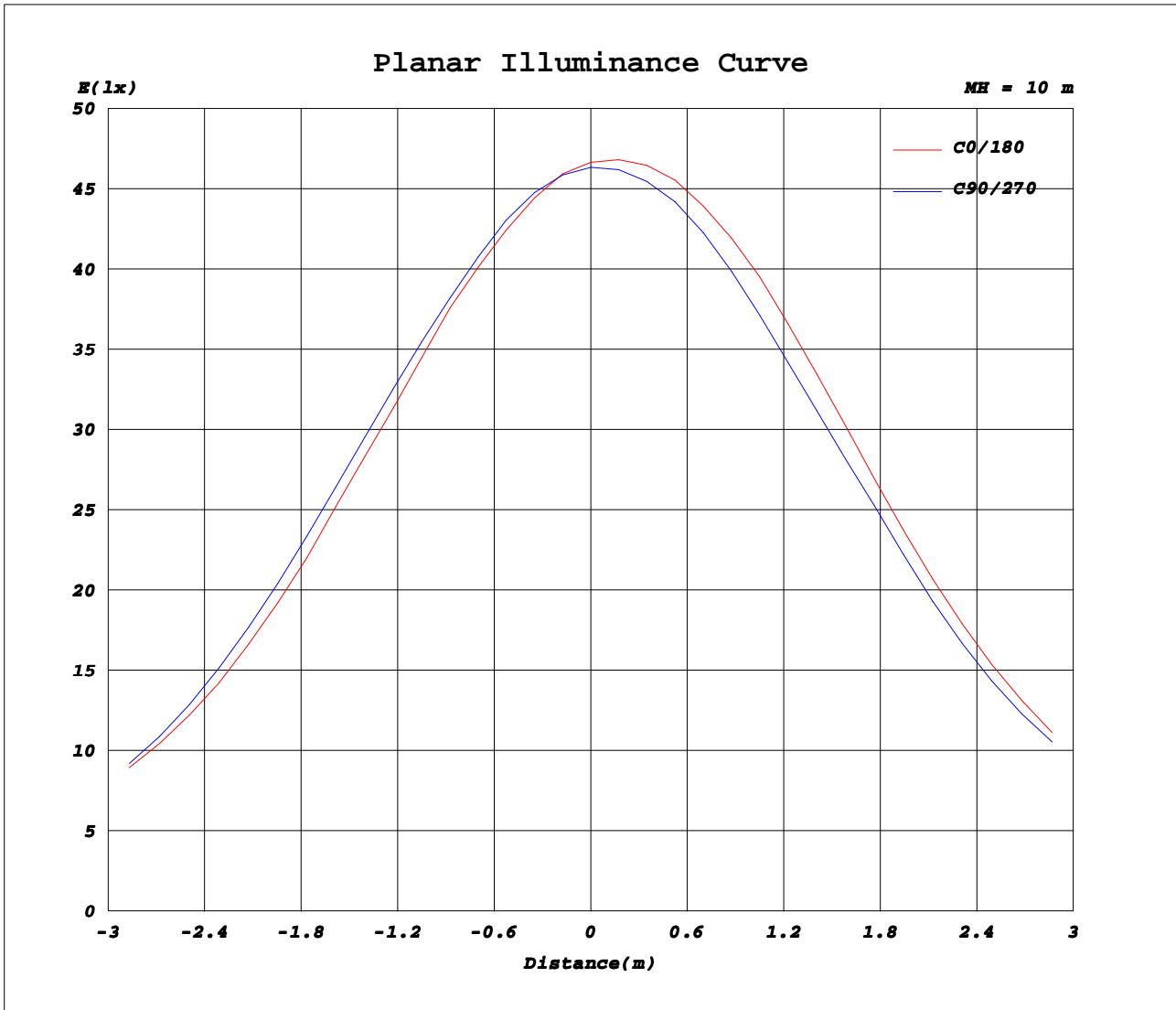
Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz		
Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
MFR.: Guangdong Belite Lighting Technology Co.,Ltd		



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-03-26**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2021-03-26**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:221.30V I:0.0510A P:10.800W PF:0.9460 Freq:50.00Hz		
Lamp Flux:1098.14x1 lm		
NAME: LED SPOT LIGHT D68	TYPE: LED	
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Table--1

UNIT: cd

C( DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	4666	4652	4641	4633	4628	4626	4666	4652	4641	4633	4628	4626							
5	3803	3727	3792	3864	4017	4128	4243	4230	4170	4034	3926	3790							
10	2306	2278	2289	2447	2561	2755	2820	2848	2771	2644	2481	2364							
15	1160	1142	1130	1209	1284	1419	1459	1469	1447	1365	1262	1178							
20	613	595	592	616	647	694	723	730	731	700	661	624							
25	399	376	384	400	422	428	458	467	462	443	433	411							
30	258	249	253	267	286	288	313	327	315	293	293	275							
35	167	167	161	175	190	196	203	208	198	193	190	179							
40	66.3	63.4	58.9	70.5	81.8	103	109	115	110	107	90.2	78.2							
45	35.3	35.2	34.3	35.9	37.6	41.1	43.4	45.1	44.6	42.1	39.8	37.4							
50	21.7	21.6	20.8	21.9	23.3	25.8	27.6	27.7	27.3	25.6	24.4	23.2							
55	10.2	10.0	9.68	10.7	11.7	13.5	15.1	15.0	14.4	12.9	12.1	11.3							
60	3.53	3.53	3.47	4.02	4.39	5.22	6.18	6.08	5.66	5.01	4.69	4.35							
65	1.68	1.63	1.61	1.80	1.96	2.19	3.11	3.08	2.90	2.72	2.63	2.59							
70	1.05	1.03	1.01	1.06	1.13	1.21	2.36	2.32	2.25	2.22	2.25	2.28							
75	0.89	0.87	0.87	0.89	0.93	0.95	2.50	2.46	2.43	2.46	2.50	2.54							
80	0.81	0.79	0.79	0.80	0.83	0.84	2.72	2.68	2.66	2.68	2.71	2.73							
85	0.77	0.77	0.76	0.76	0.76	0.76	2.77	2.75	2.73	2.74	2.74	2.75							
90	0.83	0.83	0.81	0.79	0.77	0.79	2.73	2.72	2.70	2.69	2.68	2.68							
95	1.10	1.10	1.08	1.03	0.99	0.96	2.70	2.70	2.70	2.71	2.72	2.72							
100	1.56	1.54	1.52	1.42	1.37	1.30	2.76	2.75	2.75	2.76	2.78	2.80							
105	2.32	2.29	2.22	2.10	2.02	1.91	2.91	2.90	2.89	2.92	2.95	2.98							
110	3.20	3.17	3.05	2.94	2.83	2.75	3.22	3.21	3.19	3.24	3.29	3.36							
115	3.86	3.82	3.71	3.62	3.53	3.49	3.77	3.76	3.74	3.83	3.89	3.99							
120	4.13	4.10	4.03	3.98	3.92	3.90	4.52	4.51	4.49	4.59	4.65	4.76							
125	4.30	4.31	4.26	4.22	4.16	4.13	5.29	5.29	5.26	5.35	5.40	5.51							
130	4.91	4.95	4.91	4.84	4.73	4.63	6.07	6.05	6.02	6.11	6.18	6.30							
135	6.16	6.23	6.19	6.08	5.91	5.74	7.02	6.99	6.97	7.09	7.20	7.34							
140	7.88	7.95	7.90	7.83	7.57	7.39	8.34	8.30	8.30	8.48	8.58	8.78							
145	9.66	9.69	9.67	9.64	9.39	9.19	10.0	9.94	9.98	10.1	10.3	10.4							
150	11.2	11.2	11.3	11.3	11.1	10.9	11.6	11.6	11.6	11.7	11.8	11.9							
155	12.4	12.3	12.4	12.7	12.4	12.3	13.0	12.9	13.0	13.1	13.0	12.9							
160	12.9	12.6	12.9	13.3	13.0	13.0	13.8	13.6	13.8	14.0	13.6	13.2							
165	12.0	11.5	12.2	12.7	12.6	12.6	13.3	13.1	13.4	13.7	12.9	12.3							
170	10.6	10.2	10.5	11.0	11.1	11.4	11.8	11.8	11.6	11.6	11.0	10.8							
175	9.04	9.04	9.16	9.26	9.68	10.0	9.85	10.2	9.88	9.67	9.58	9.30							
180	8.74	8.94	9.01	9.03	9.09	9.03	8.77	8.96	9.01	9.03	9.10	9.00							

**C Range: 0 - 360DEG**  
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