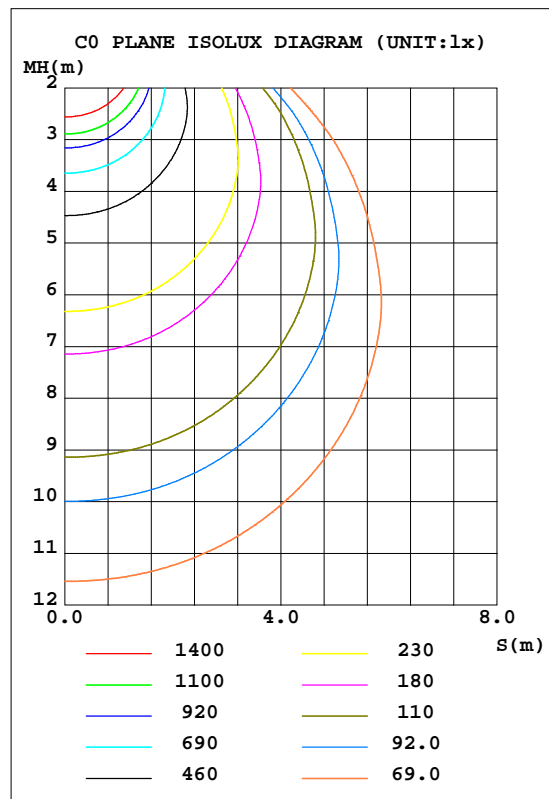
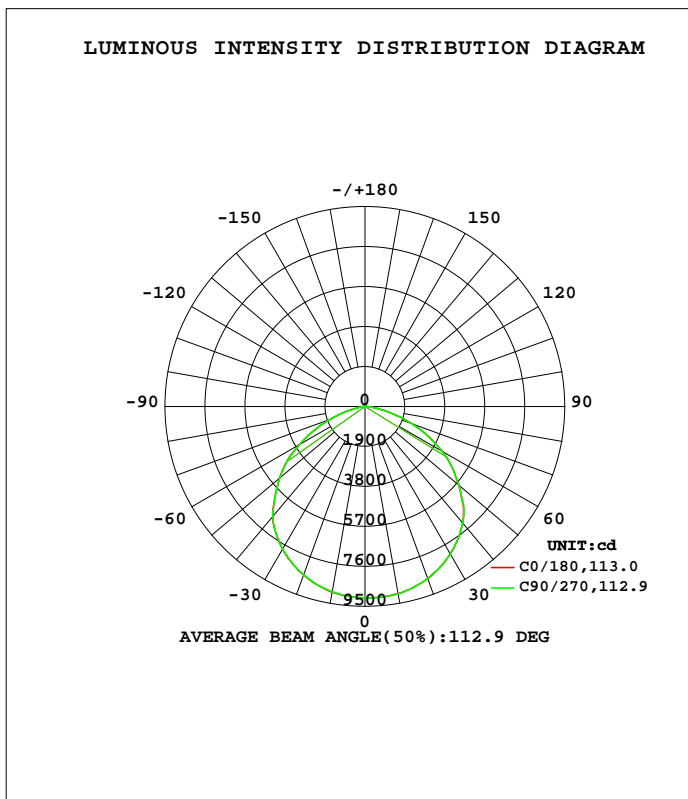


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.2*0.20	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.45 lm/W			
MODEL		I <sub>max</sub> (cd)	9102	S/MH(C0/180)	1.28
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	25518	h UP, DN(C0-180)	0.3,51.1
NOMINAL FLUX(lm)	25518.1	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.3,48.3
LAMPS INSIDE	1	h up(%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	h down(%)	99.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

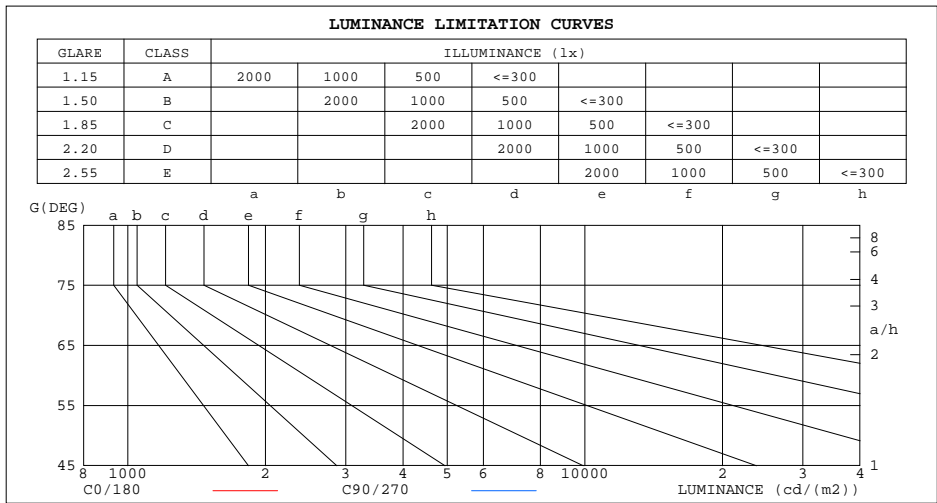
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	9032	9042	9035	8982	8952	8945	8943	8993	0- 10	863.4	863.4	3.38,3.38
20	8702	8723	8706	8589	8528	8510	8517	8626	10- 20	2496	3359	13.2,13.2
30	8100	8129	8103	7923	7833	7810	7826	7991	20- 30	3837	7197	28.2,28.2
40	7222	7253	7219	6973	6831	6794	6823	7073	30- 40	4713	11910	46.7,46.7
50	5814	5847	5817	5466	5299	5260	5292	5609	40- 50	4872	16782	65.8,65.8
60	4223	4266	4228	3780	3572	3539	3574	3974	50- 60	4255	21036	82.4,82.4
70	2331	2365	2305	1914	1745	1716	1748	2093	60- 70	2923	23960	93.9,93.9
80	668.1	668.9	632.3	397.1	312.5	302.2	311.8	504.4	70- 80	1255	25214	98.8,98.8
90	5.292	5.305	5.036	4.634	4.770	4.807	4.689	4.236	80- 90	154.2	25368	99.4,99.4
100	8.148	8.034	8.093	9.282	9.499	9.570	9.356	8.123	90-100	6.935	25375	99.4,99.4
110	14.56	14.41	14.50	16.00	16.34	16.34	16.09	14.47	100-110	12.60	25388	99.5,99.5
120	21.78	21.54	21.69	23.14	23.60	23.58	23.26	21.53	110-120	18.74	25407	99.6,99.6
130	28.79	28.56	28.59	30.17	30.70	30.70	30.35	28.64	120-130	23.30	25430	99.7,99.7
140	35.33	35.11	35.19	36.55	36.97	37.00	36.66	35.13	130-140	25.37	25455	99.8,99.8
150	40.74	40.64	40.73	41.80	42.45	42.39	42.12	40.87	140-150	24.29	25480	99.8,99.8
160	45.50	45.40	45.50	46.33	46.86	46.76	46.50	45.56	150-160	20.22	25500	99.9,99.9
170	48.82	48.61	48.76	49.27	50.08	50.06	49.85	49.22	160-170	13.51	25513	100,100
180	50.87	50.79	50.87	50.55	51.03	50.96	51.02	50.62	170-180	4.766	25518	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brilloop Lighting	SUR.:0.2*0.20	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	45707	40776
80	97154	90831
75	139390	134695
70	172086	168130
65	195608	192319
60	213279	210936
55	222500	219570
50	228379	225760
45	235701	233591

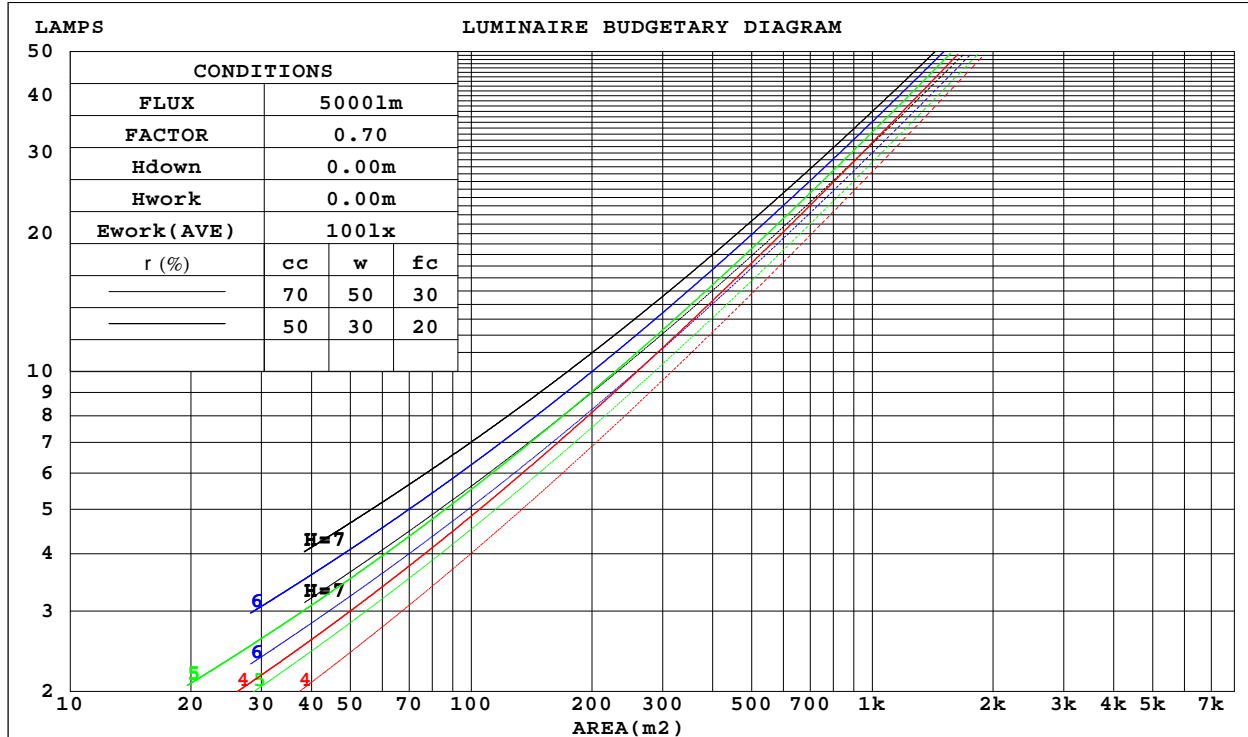
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.2*0.20	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r 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	.99
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.91	.89	.87	.85
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.75	.80	.77	.74	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.52	.44	.38	.52	.43	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.39	.34	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.28
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.2*0.20	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.285	.162	.051	.277	.158	.050	.264	.151	.048	.252	.145	.047	.240	.139	.045	
2.0	.275	.151	.046	.269	.148	.046	.257	.143	.044	.246	.138	.043	.236	.133	.042	
3.0	.258	.137	.041	.253	.135	.041	.242	.131	.040	.232	.127	.039	.223	.124	.038	
4.0	.241	.125	.037	.236	.123	.036	.226	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.224	.114	.033	.220	.113	.033	.211	.110	.032	.204	.107	.032	.196	.105	.032	
6.0	.209	.105	.030	.205	.103	.030	.197	.101	.029	.191	.099	.029	.184	.097	.029	
7.0	.195	.096	.027	.192	.095	.027	.185	.093	.027	.179	.092	.027	.173	.090	.026	
8.0	.183	.089	.025	.180	.088	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.081	.023	.158	.079	.023	.154	.078	.023	
10.0	.162	.077	.022	.159	.077	.021	.154	.076	.021	.150	.074	.021	.145	.073	.021	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.183	.161	.141	.157	.138	.121	.107	.095	.084	.062	.055	.049	.020	.018	.016	
2.0	.175	.137	.105	.149	.118	.090	.102	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.167	.119	.081	.143	.102	.070	.098	.071	.049	.057	.042	.029	.018	.013	.009	
4.0	.159	.105	.064	.137	.091	.056	.094	.063	.039	.054	.037	.023	.018	.012	.008	
5.0	.152	.095	.053	.131	.082	.046	.090	.057	.032	.052	.034	.019	.017	.011	.006	
6.0	.145	.087	.044	.125	.075	.039	.086	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.139	.080	.038	.119	.069	.033	.082	.048	.024	.048	.029	.014	.015	.009	.005	
8.0	.132	.074	.034	.114	.064	.029	.079	.045	.021	.046	.027	.012	.015	.009	.004	
9.0	.126	.069	.030	.109	.060	.026	.075	.042	.019	.044	.025	.011	.014	.008	.004	
10.0	.121	.065	.027	.104	.056	.024	.072	.040	.017	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm										
NAME: BLP-SHBL200WA					TYPE:			WEIGHT:5.68Kg		
SPEC.:					DIM.: 0.38*0.38			SERIAL No.:		
MFR.: Shenzhen Brillloop Lighting					SUR.:0.2*0.20			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	32.0	33.4	32.2	33.6	33.9	31.9	33.4	32.2	33.6	33.8
3H	33.3	34.6	33.6	34.9	35.1	33.1	34.5	33.5	34.7	35.0
4H	33.7	34.9	34.0	35.2	35.5	33.5	34.8	33.8	35.1	35.3
6H	33.8	35.0	34.2	35.3	35.6	33.7	34.9	34.0	35.2	35.5
8H	33.8	35.0	34.2	35.3	35.6	33.7	34.9	34.0	35.1	35.4
12H	33.8	34.9	34.2	35.2	35.5	33.7	34.8	34.0	35.1	35.4
4H 2H	32.5	33.8	32.8	34.1	34.3	32.5	33.7	32.8	34.0	34.3
3H	34.0	35.1	34.3	35.4	35.7	33.9	35.0	34.2	35.3	35.6
4H	34.5	35.5	34.8	35.8	36.2	34.3	35.4	34.7	35.7	36.0
6H	34.7	35.6	35.1	36.0	36.4	34.6	35.5	35.0	35.8	36.2
8H	34.8	35.6	35.2	36.0	36.4	34.6	35.4	35.0	35.8	36.2
12H	34.7	35.5	35.2	35.9	36.3	34.6	35.4	35.0	35.7	36.2
8H 4H	34.6	35.4	35.0	35.8	36.2	34.5	35.3	34.9	35.7	36.1
6H	34.9	35.6	35.4	36.1	36.5	34.8	35.5	35.3	35.9	36.4
8H	35.0	35.6	35.5	36.1	36.5	34.9	35.5	35.3	35.9	36.4
12H	35.0	35.6	35.5	36.0	36.5	34.9	35.4	35.4	35.9	36.3
12H 4H	34.6	35.4	35.0	35.7	36.2	34.5	35.2	34.9	35.6	36.1
6H	34.9	35.6	35.4	36.0	36.5	34.8	35.4	35.3	35.9	36.3
8H	35.0	35.6	35.5	36.0	36.5	34.9	35.4	35.4	35.9	36.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 25518 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 11.3)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brilloop Lighting	SUR.:0.2*0.20	Shielding Angle:

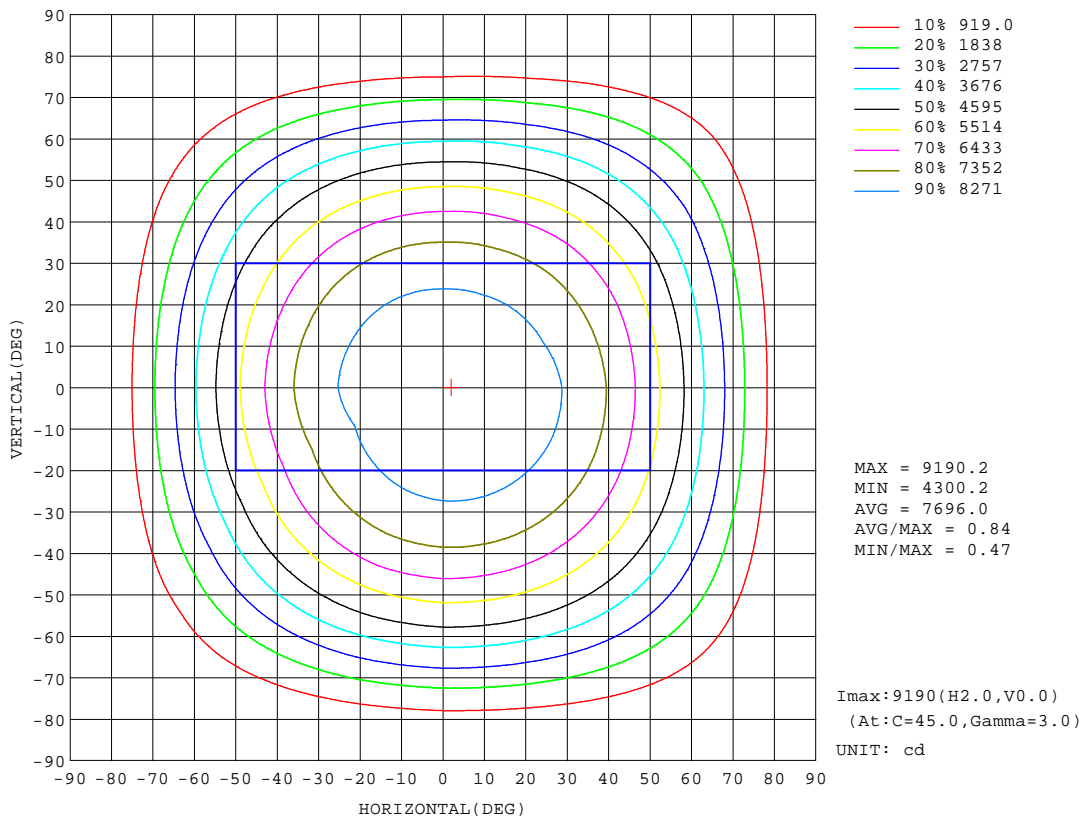
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	47	40	58	47	40	56	46	40	33
0.80	69	57	50	68	57	50	66	56	50	43
1.00	77	67	60	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	80	72	66	59
1.50	90	80	73	88	79	73	85	77	72	65
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	98	105	100	96	101	97	93	85
5.00	109	105	101	107	103	100	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brilloop Lighting	SUR.:0.2*0.20	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

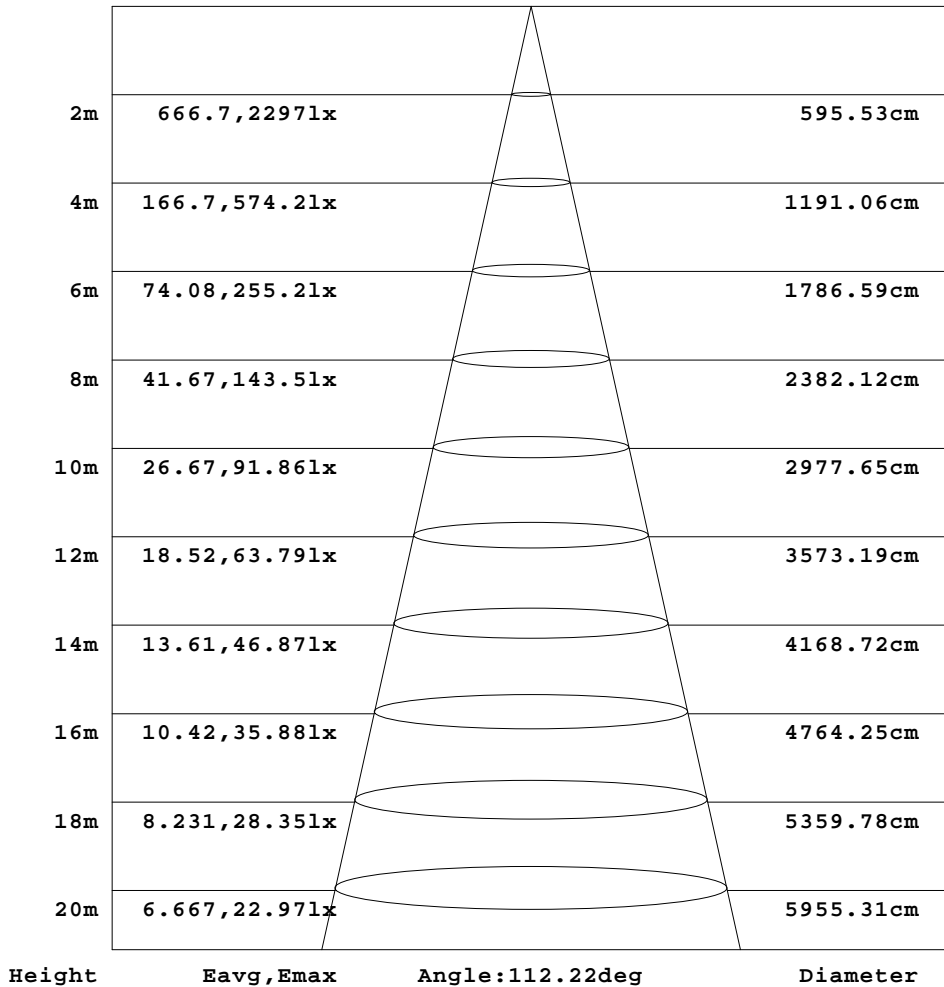
g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.2*0.20	Shielding Angle:

Flux out:19866 lm



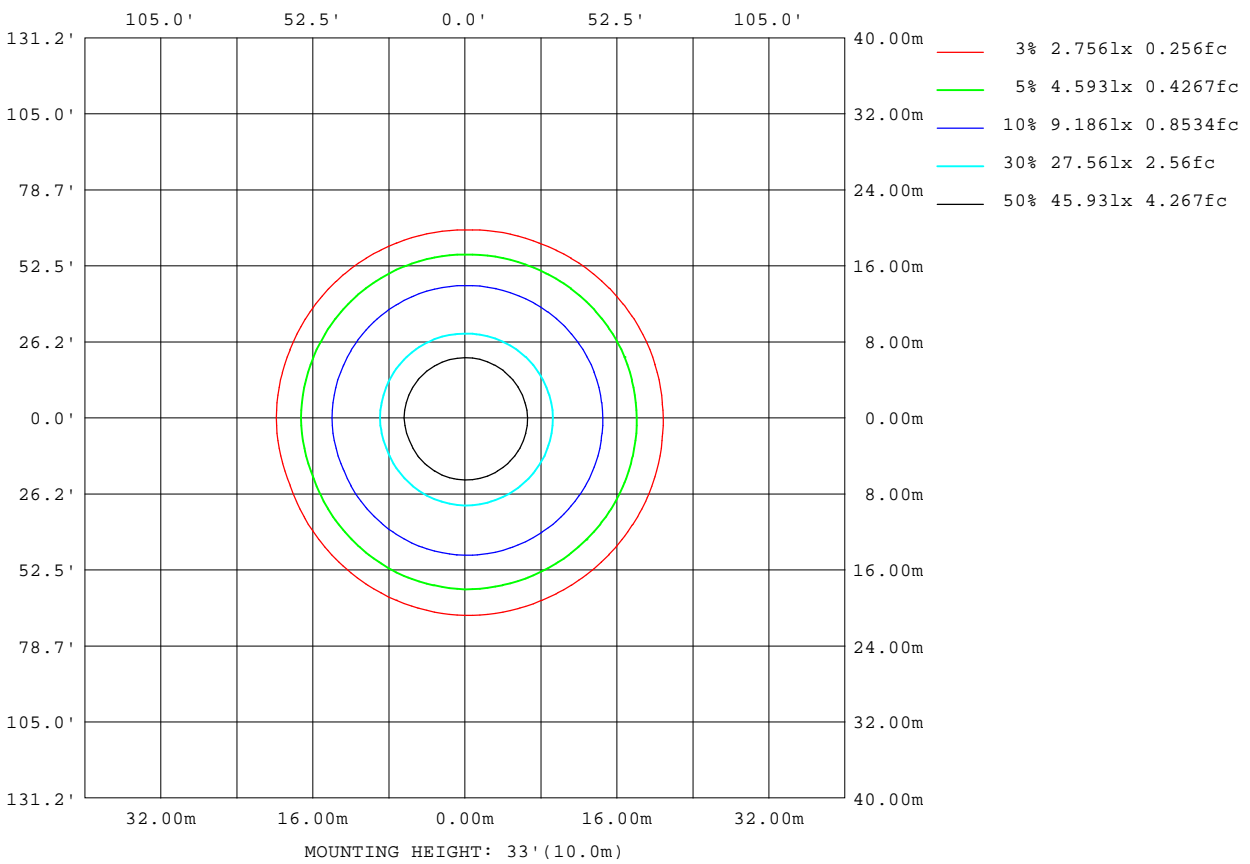
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brilloop Lighting	SUR.:0.2*0.20	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:03 February 2018**

**g Range: 0 - 180DEG**  
**g Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402**  
**Humidity:65.0%**  
**Test Distance:7.680m [K=1.0000]**  
**Remarks:**

LED Avg.L Report

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.2*0.20	Shielding Angle:

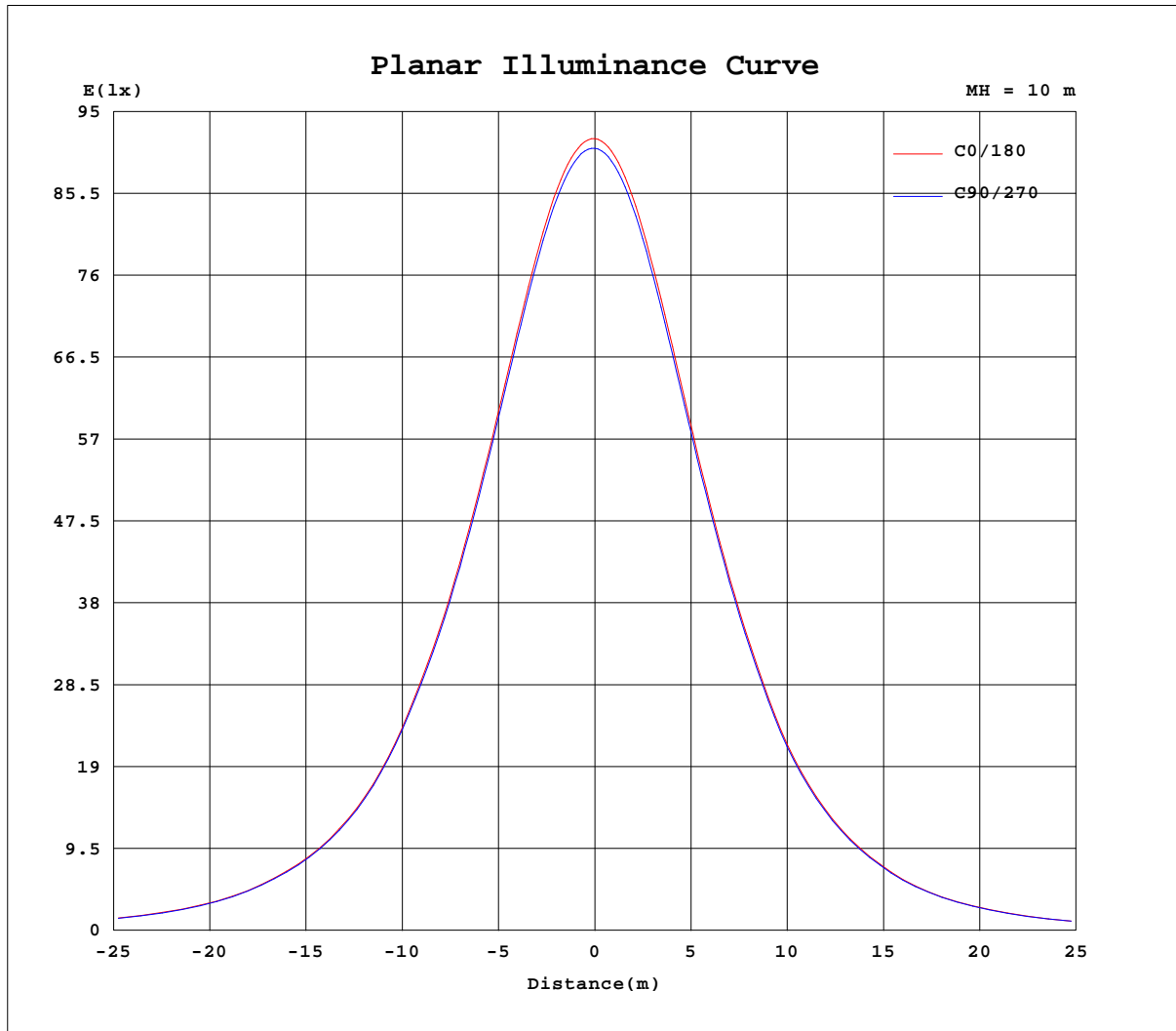
AvgL	cd/m2
L_0~180(65)av	175595
L_0~180(75)av	113228
L_0~180(85)av	26162
L_90~270(65)av	175138
L_90~270(75)av	111540
L_90~270(85)av	24369
L_45(65)av	174970
L_45(75)av	111689
L_45(85)av	23353

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.680m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 03 February 2018

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 7.680m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.16V I:0.8725A P:197.13W PF:0.9817 Freq:50.00Hz Lamp Flux:25518.1x1 lm		
NAME: BLP-SHBL200WA	TYPE:	WEIGHT:5.68Kg
SPEC.:	DIM.: 0.38*0.38	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.2*0.20	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	9095	9095	9095	9095	9095	9095	9095	9095	9095	9095	9095	9095	9095	9095	9095	9095			
5	9089	9095	9096	9095	9093	9084	9070	9057	9054	9050	9049	9048	9049	9057	9072	9086			
10	9032	9042	9042	9039	9035	9014	8982	8953	8952	8945	8945	8943	8943	8961	8993	9025			
15	8905	8921	8921	8917	8907	8872	8821	8775	8776	8762	8764	8765	8767	8795	8846	8895			
20	8702	8725	8723	8720	8706	8659	8589	8527	8528	8510	8510	8512	8517	8559	8626	8693			
25	8433	8463	8458	8454	8437	8380	8290	8214	8215	8195	8194	8195	8205	8256	8342	8425			
30	8100	8131	8129	8123	8103	8032	7923	7828	7833	7807	7810	7811	7826	7888	7991	8090			
35	7699	7734	7729	7721	7699	7617	7486	7371	7377	7348	7351	7358	7372	7445	7570	7686			
40	7222	7262	7253	7247	7219	7126	6973	6828	6831	6788	6794	6806	6823	6922	7073	7207			
45	6601	6642	6635	6637	6621	6497	6257	6045	6053	6000	6007	6012	6044	6162	6396	6595			
50	5814	5864	5847	5839	5817	5675	5466	5289	5299	5258	5260	5269	5292	5410	5609	5795			
55	5054	5111	5093	5078	5049	4905	4686	4507	4518	4481	4480	4494	4510	4636	4842	5036			
60	4223	4283	4266	4252	4228	4065	3780	3555	3572	3525	3539	3545	3574	3709	3974	4218			
65	3274	3333	3312	3284	3258	3094	2853	2646	2663	2624	2630	2650	2663	2805	3037	3253			
70	2331	2391	2365	2332	2305	2142	1914	1730	1745	1703	1716	1724	1748	1864	2093	2311			
75	1429	1474	1447	1426	1398	1256	1066	901	916	889	893	896	912	1025	1219	1413			
80	668	695	669	652	632	528	397	306	312	300	302	306	312	374	504	653			
85	158	173	161	152	142	99.6	48.3	21.0	24.6	23.2	25.3	27.0	27.4	45.3	90.6	153			
90	5.29	5.55	5.30	5.09	5.04	4.35	4.63	5.03	4.77	4.83	4.81	4.73	4.69	4.46	4.24	5.35			
95	5.72	5.63	5.65	5.66	5.68	6.03	6.60	7.19	6.76	6.87	6.81	6.73	6.64	6.26	5.72	5.29			
100	8.15	8.00	8.03	8.09	8.09	8.53	9.28	10.02	9.50	9.65	9.57	9.47	9.36	8.85	8.12	7.53			
105	11.2	11.0	11.0	11.1	11.1	11.6	12.5	13.3	12.8	12.9	12.8	12.7	12.6	12.0	11.1	10.4			
110	14.6	14.4	14.4	14.5	14.5	15.1	16.0	16.9	16.3	16.5	16.3	16.2	16.1	15.4	14.5	13.7			
115	18.2	18.0	18.0	18.1	18.1	18.6	19.6	20.5	20.0	20.1	20.0	19.9	19.7	19.0	18.0	17.2			
120	21.8	21.5	21.5	21.7	21.7	22.2	23.1	24.1	23.6	23.7	23.6	23.4	23.3	22.5	21.5	20.7			
125	25.3	25.1	25.1	25.2	25.2	25.8	26.7	27.7	27.2	27.3	27.2	27.0	26.8	26.1	25.1	24.2			
130	28.8	28.6	28.6	28.6	28.6	29.2	30.2	31.2	30.7	30.8	30.7	30.6	30.4	29.6	28.6	27.8			
135	32.1	31.9	31.9	32.0	32.0	32.6	33.5	34.4	34.0	34.1	34.0	33.8	33.6	32.9	32.0	31.2			
140	35.3	35.1	35.1	35.2	35.2	35.8	36.5	37.4	37.0	37.1	37.0	36.8	36.7	36.0	35.1	34.4			
145	38.1	38.1	38.0	38.1	38.0	38.5	39.3	40.0	39.8	39.8	39.8	39.6	39.5	38.8	38.1	37.4			
150	40.7	40.7	40.6	40.7	40.7	41.2	41.8	42.4	42.5	42.4	42.4	42.2	42.1	41.6	40.9	40.2			
155	43.3	43.2	43.2	43.3	43.2	43.7	44.2	44.7	44.8	44.7	44.7	44.4	44.4	43.9	43.3	42.7			
160	45.5	45.5	45.4	45.5	45.5	45.9	46.3	46.8	46.9	46.8	46.8	46.5	46.5	46.1	45.6	45.1			
165	47.4	47.4	47.3	47.4	47.4	47.7	48.0	48.5	48.7	48.6	48.7	48.5	48.4	48.0	47.6	47.3			
170	48.8	48.8	48.6	48.8	48.8	49.1	49.3	49.6	50.1	49.9	50.1	49.9	49.9	49.5	49.2	49.0			
175	50.1	50.0	50.0	50.2	50.1	50.3	50.3	50.4	50.7	50.4	50.7	50.5	50.5	50.1	49.9	49.8			
180	50.9	50.9	50.8	51.0	50.9	50.8	50.6	50.7	51.0	50.8	51.0	51.0	51.0	50.7	50.6	50.6			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:03 February 2018

g Range: 0 - 180DEG  
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