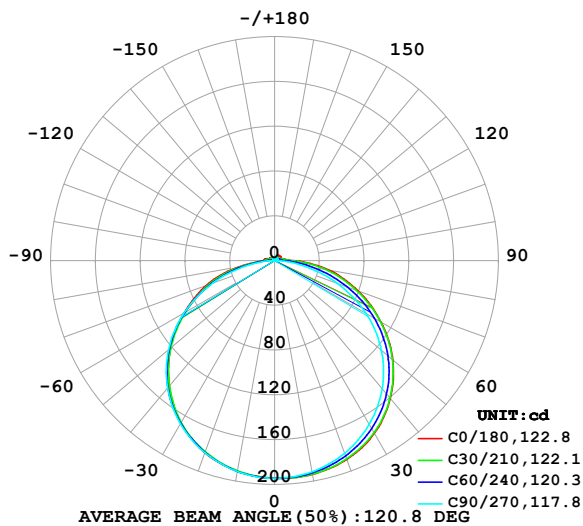


LUMINAIRE PHOTOMETRIC TEST REPORT

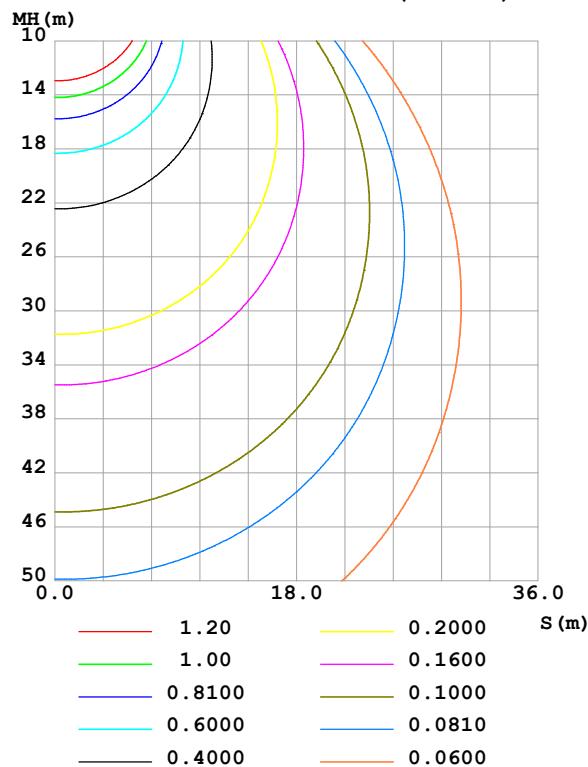
Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	S012120BC1HZ	Imax (cd)	198.6	S/MH(C0/180)	1.28
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	659.92	η UP,DN(C0-180)	2.3,45.4
NOMINAL FLUX(lm)	659.92	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.7,49.6
LAMPS INSIDE	1	η up (%)	5.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down (%)	95.0	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	193.9	193.2	191.6	185.5	191.0	191.0	191.3	197.6	0- 10	18.44	18.44	2.79,2.79
20	188.9	187.0	183.1	171.5	182.6	181.8	182.4	195.1	10- 20	53.28	71.72	10.9,10.9
30	178.3	175.5	169.0	152.3	167.4	167.5	168.3	187.1	20- 30	82.11	153.8	23.3,23.3
40	160.8	158.0	149.5	128.0	146.5	147.2	148.7	173.2	30- 40	101.3	255.1	38.7,38.7
50	137.9	134.7	124.5	99.71	121.5	121.8	123.8	153.6	40- 50	108.0	363.1	55,55
60	109.8	106.1	94.21	67.11	93.14	92.27	93.07	128.4	50- 60	101.2	464.3	70.4,70.4
70	79.38	73.39	59.67	40.52	65.34	61.20	58.68	98.44	60- 70	82.05	546.4	82.8,82.8
80	49.49	40.65	24.31	19.74	32.04	28.55	23.60	66.20	70- 80	54.95	601.3	91.1,91.1
90	17.48	12.63	2.470	7.812	9.847	7.770	1.318	35.85	80- 90	25.38	626.7	95,95
100	8.697	6.582	1.764	7.066	8.798	5.289	1.177	17.66	90-100	10.95	637.7	96.6,96.6
110	6.009	4.418	2.469	6.377	5.831	3.336	1.427	8.981	100-110	6.701	644.4	97.6,97.6
120	5.125	3.596	2.380	7.068	4.560	2.941	1.752	5.582	110-120	4.481	648.8	98.3,98.3
130	6.011	2.977	2.268	5.716	3.482	2.230	1.995	5.240	120-130	3.860	652.7	98.9,98.9
140	5.111	2.473	2.507	2.864	2.394	2.388	2.283	4.563	130-140	2.554	655.3	99.3,99.3
150	4.920	2.763	2.923	3.243	2.630	2.650	2.578	4.344	140-150	2.018	657.3	99.6,99.6
160	2.721	3.032	3.415	3.372	2.856	2.884	2.951	3.130	150-160	1.420	658.7	99.8,99.8
170	2.908	3.194	3.284	3.307	3.020	3.072	3.340	4.126	160-170	0.9078	659.6	100,100
180	3.075	3.196	3.266	4.762	3.089	3.177	3.964	3.325	170-180	0.3240	659.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 309.08 lm

%lum = 46.8%

%lamp = 46.8%

Conical surface Flux(130deg): 508.31 lm

%lum = 77.0%

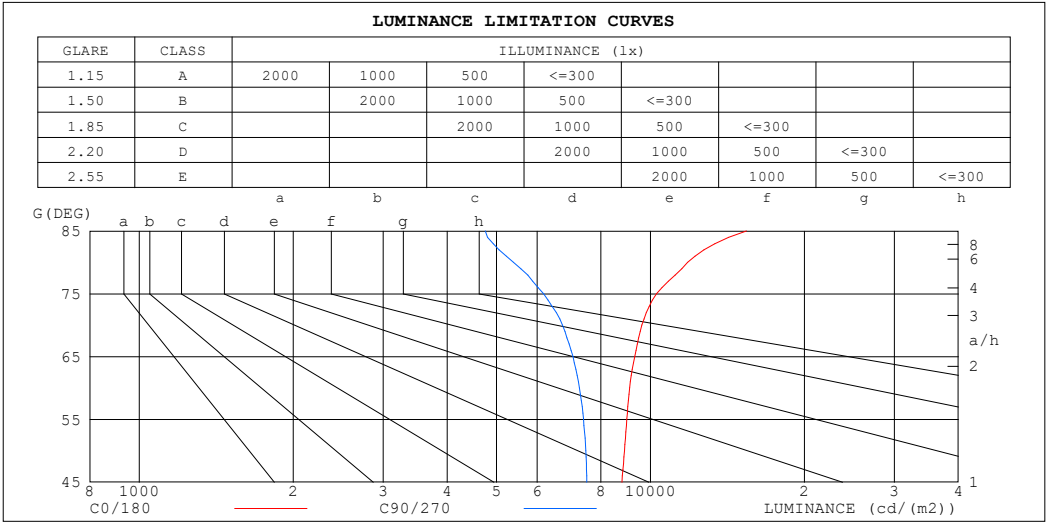
%lamp = 77.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LEIXIAOLAN
 Test Date:2024-09-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.820m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz			Lamp Flux:659.92x1 lm		
UTHDi:0.00% ITHDi:0.00% KDisp:0					
NAME: 软灯条		TYPE: 软灯条		WEIGHT:	
SPEC.: S012120BC1HZ		DIM.: 1000×15×6mm		SERIAL No.:	
MFR.: iPixel LED		SUR.: 1000X15X6mm		Shielding Angle:	



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	15409	4749
80	11814	5397
75	10281	6177
70	9622	6725
65	9314	7049
60	9101	7264
55	8985	7395
50	8893	7467
45	8790	7506

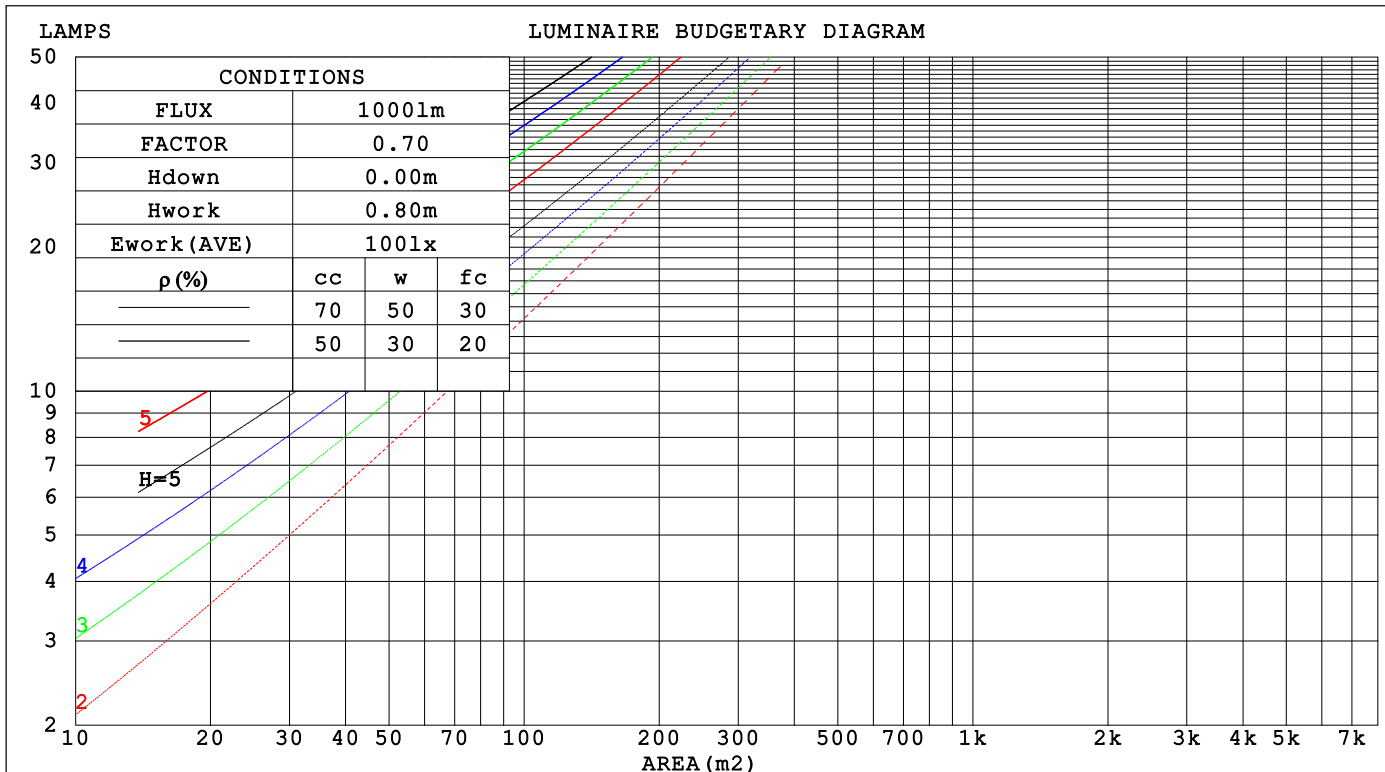
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz			Lamp Flux:659.92x1 lm		
UTHDi:0.00% ITHDi:0.00% KDisp:0					
NAME: 软灯条		TYPE: 软灯条		WEIGHT:	
SPEC.: S012120BC1HZ		DIM.: 1000×15×6mm		SERIAL No.:	
MFR.: iPixel LED		SUR.: 1000X15X6mm		Shielding Angle:	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.86	.88	.85	.83	.84	.82	.79	.77
2.0	.87	.80	.74	.85	.78	.73	.81	.75	.70	.76	.72	.68	.73	.69	.66	.63
3.0	.76	.68	.61	.74	.66	.60	.70	.64	.58	.67	.61	.56	.64	.59	.55	.52
4.0	.67	.58	.51	.66	.57	.50	.62	.55	.49	.59	.53	.48	.57	.51	.47	.44
5.0	.60	.51	.44	.58	.50	.43	.56	.48	.42	.53	.46	.41	.51	.45	.40	.38
6.0	.54	.44	.38	.52	.44	.37	.50	.42	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.49	.40	.33	.47	.39	.33	.45	.38	.32	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.340	.193	.061	.331	.189	.060	.315	.181	.058	.300	.173	.056	.286	.166	.053		
2.0	.310	.170	.052	.302	.166	.051	.288	.160	.050	.274	.154	.048	.262	.148	.047		
3.0	.282	.150	.045	.275	.148	.044	.262	.142	.043	.250	.137	.042	.239	.133	.041		
4.0	.258	.134	.039	.252	.132	.039	.240	.127	.038	.229	.123	.037	.219	.119	.036		
5.0	.237	.121	.035	.231	.119	.035	.221	.115	.034	.211	.111	.033	.202	.108	.032		
6.0	.219	.110	.031	.214	.108	.031	.204	.105	.030	.196	.102	.030	.187	.099	.029		
7.0	.203	.100	.028	.198	.099	.028	.190	.096	.028	.182	.093	.027	.174	.091	.027		
8.0	.189	.092	.026	.185	.091	.026	.177	.088	.025	.170	.086	.025	.163	.084	.024		
9.0	.176	.085	.024	.173	.084	.024	.166	.082	.023	.159	.080	.023	.153	.078	.022		
10.0	.166	.079	.022	.162	.078	.022	.156	.076	.022	.150	.074	.021	.144	.073	.021		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.229	.229	.229	.196	.196	.196	.133	.133	.133	.077	.077	.077	.025	.025	.025		
1.0	.221	.195	.171	.189	.167	.147	.129	.115	.102	.074	.066	.059	.024	.021	.019		
2.0	.214	.171	.135	.183	.147	.116	.125	.102	.081	.072	.059	.048	.023	.019	.016		
3.0	.206	.154	.112	.177	.132	.097	.121	.092	.068	.070	.054	.040	.022	.017	.013		
4.0	.198	.140	.096	.170	.121	.084	.117	.085	.059	.068	.050	.035	.022	.016	.011		
5.0	.191	.130	.086	.164	.113	.074	.113	.079	.053	.065	.046	.031	.021	.015	.010		
6.0	.183	.122	.078	.158	.106	.068	.109	.074	.048	.063	.044	.029	.020	.014	.009		
7.0	.177	.115	.072	.152	.100	.063	.105	.070	.045	.061	.041	.027	.020	.014	.009		
8.0	.170	.110	.068	.146	.095	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008		
9.0	.164	.105	.065	.141	.091	.056	.098	.064	.040	.057	.038	.024	.018	.012	.008		
10.0	.158	.100	.062	.136	.087	.054	.094	.061	.038	.055	.036	.023	.018	.012	.008		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm											
NAME: 软灯条						TYPE: 软灯条			WEIGHT:		
SPEC.: S012120BC1HZ						DIM.: 1000×15×6mm			SERIAL No.:		
MFR.: iPixel LED						SUR.: 1000X15X6mm			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		23.9	25.4	24.2	25.7	26.0	23.1	24.6	23.5	24.9	25.2
	3H	25.8	27.2	26.2	27.6	27.9	24.7	26.1	25.0	26.4	26.7
	4H	26.8	28.1	27.2	28.4	28.8	25.3	26.6	25.7	26.9	27.3
	6H	27.7	28.9	28.1	29.3	29.7	25.7	26.9	26.1	27.3	27.7
	8H	28.1	29.3	28.5	29.7	30.1	25.8	27.0	26.2	27.4	27.8
	12H	28.5	29.7	29.0	30.1	30.5	25.9	27.0	26.3	27.4	27.8
4H	2H	24.5	25.9	24.9	26.2	26.6	24.0	25.3	24.4	25.6	26.0
	3H	26.7	27.8	27.1	28.2	28.7	25.7	26.9	26.2	27.3	27.7
	4H	27.8	28.8	28.2	29.3	29.7	26.5	27.5	26.9	28.0	28.4
	6H	28.9	29.8	29.4	30.3	30.7	27.0	28.0	27.5	28.4	28.9
	8H	29.4	30.3	29.9	30.7	31.2	27.2	28.1	27.7	28.6	29.1
	12H	29.9	30.7	30.4	31.2	31.7	27.3	28.2	27.8	28.6	29.1
8H	4H	28.1	29.0	28.6	29.4	29.9	27.0	27.9	27.5	28.3	28.8
	6H	29.4	30.2	30.0	30.7	31.2	27.8	28.5	28.3	29.0	29.5
	8H	30.1	30.8	30.6	31.3	31.8	28.1	28.7	28.6	29.2	29.8
	12H	30.8	31.4	31.3	31.9	32.5	28.3	28.9	28.9	29.4	30.0
12H	4H	28.1	28.9	28.6	29.4	29.9	27.1	27.9	27.6	28.4	28.9
	6H	29.5	30.2	30.1	30.7	31.3	28.0	28.6	28.5	29.1	29.7
	8H	30.3	30.8	30.8	31.4	32.0	28.4	28.9	28.9	29.5	30.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.3 / - 0.4				
2.0H		+ 0.1 / - 0.3					+ 0.2 / - 0.5				

CIE Pub.117, 659.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.4)
Area: 0.025 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:

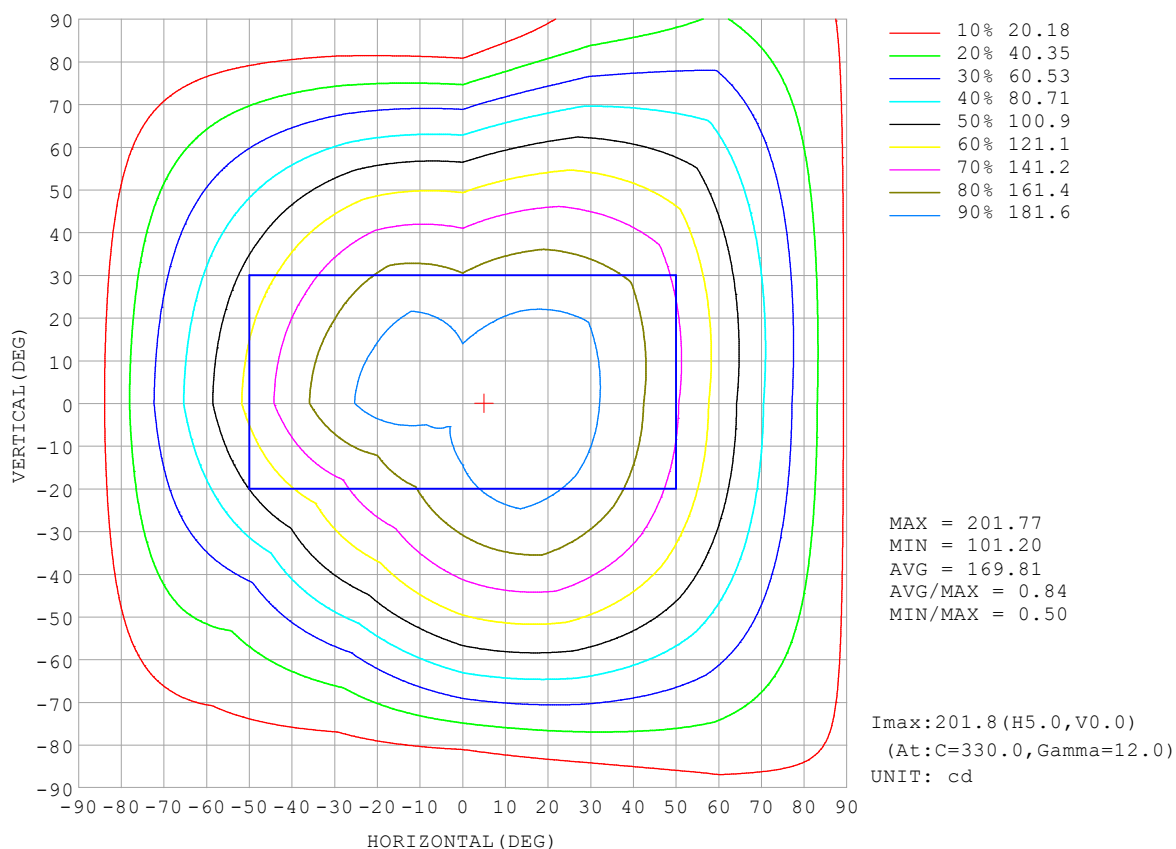
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	34	28
0.80	64	52	44	63	51	44	60	50	43	36
1.00	72	60	52	71	59	52	68	61	51	44
1.25	79	68	60	77	67	60	74	65	58	50
1.50	84	73	66	82	72	65	79	70	64	55
2.00	91	82	75	89	80	74	85	78	72	63
2.50	95	87	80	93	85	79	88	82	77	67
3.00	99	91	85	96	89	84	91	86	81	71
4.00	103	97	91	100	95	90	95	90	86	76
5.00	106	100	96	103	98	94	98	94	90	79
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: 25.3℃
Operators: LEIXIAOLAN
Test Date: 2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.820m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:

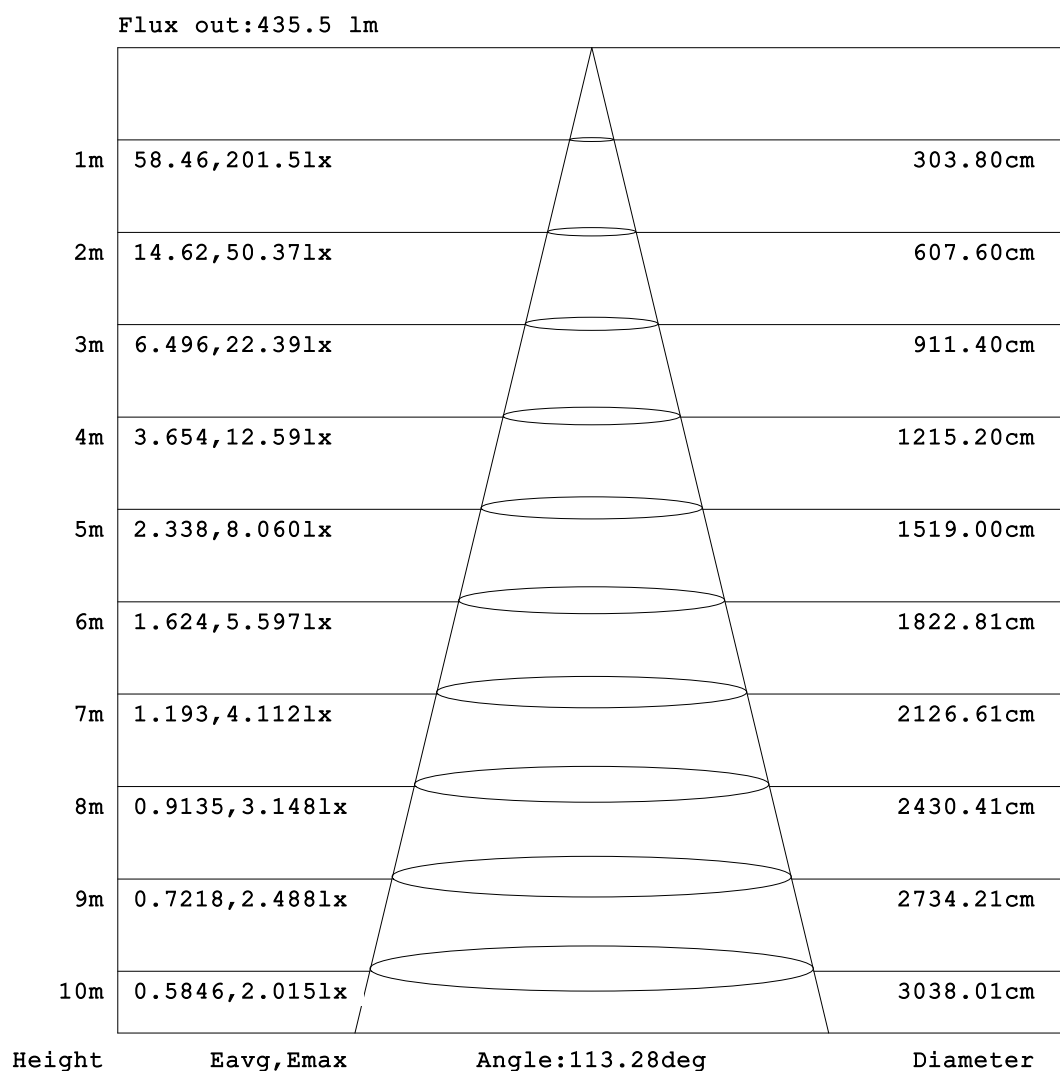


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

AAI Figure

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:



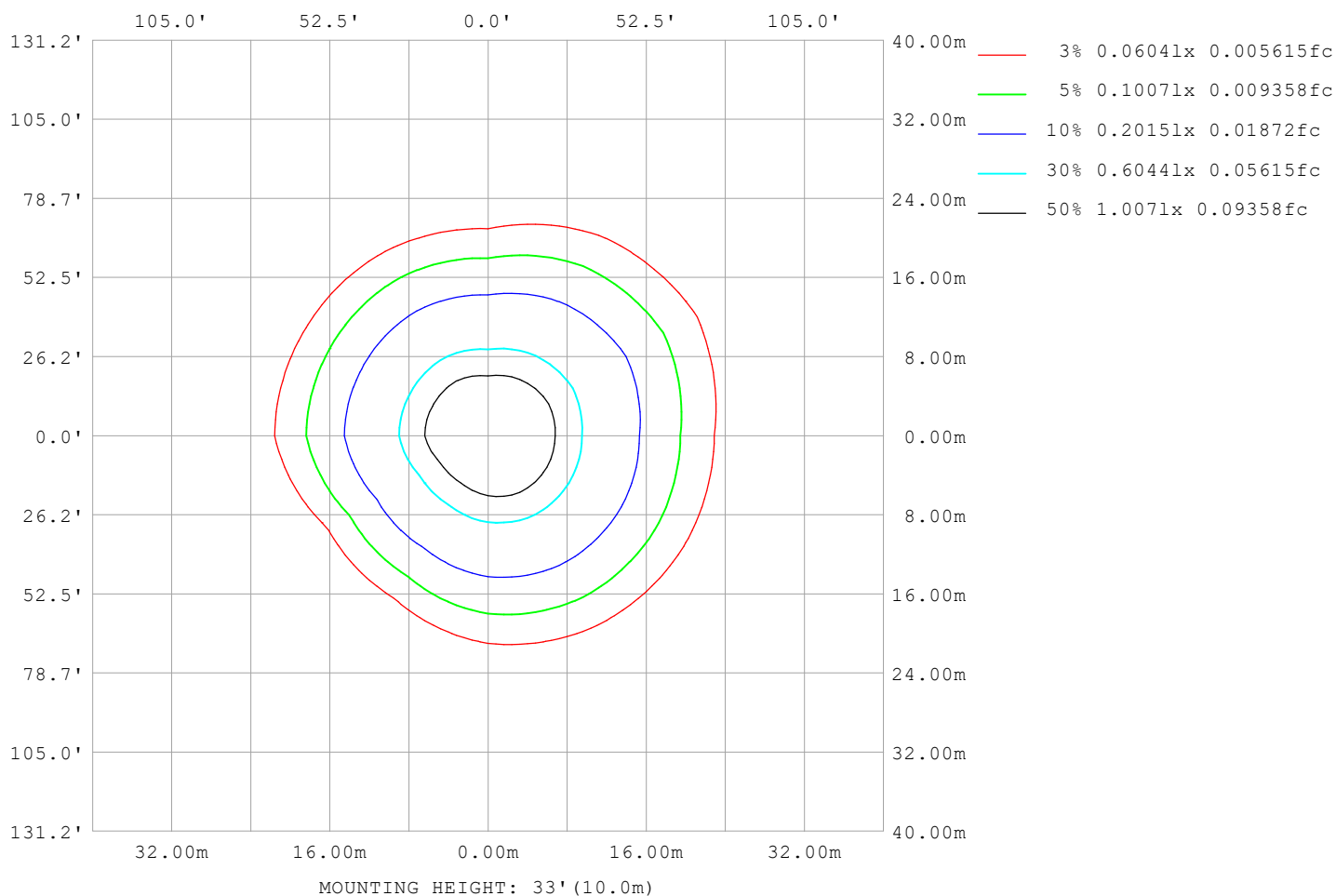
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LEIXIAOLAN
Test Date: 2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.820m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:

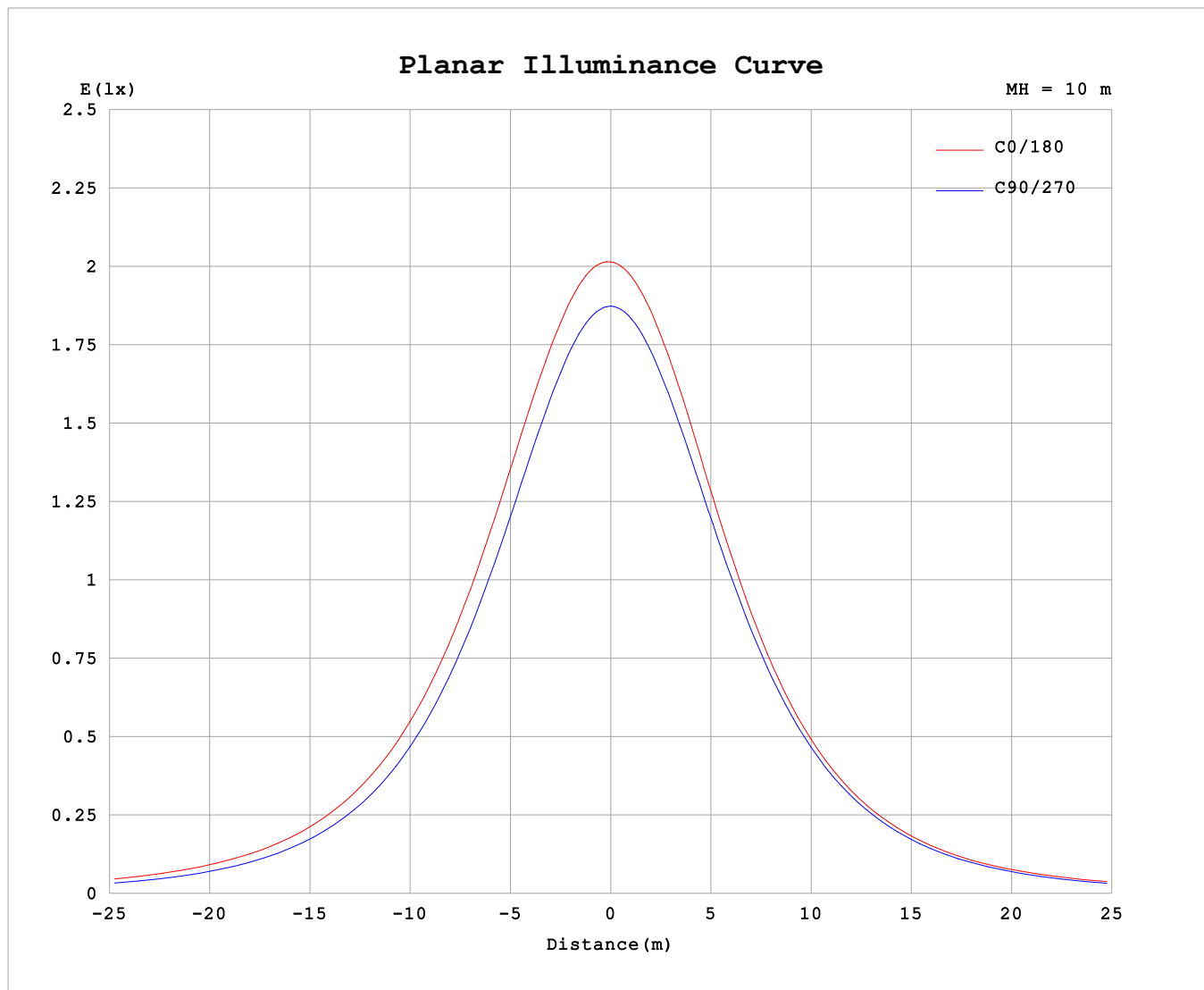
AvgL	cd/m2
L_0~180 (65) av	8229
L_0~180 (75) av	8808
L_0~180 (85) av	11276
L_90~270 (65) av	7262
L_90~270 (75) av	6331
L_90~270 (85) av	4589
L_45 (65) av	7896
L_45 (75) av	8344
L_45 (85) av	11934

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
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 Temperature: 25.3°C
 Operators: LEIXIAOLAN
 Test Date: 2024-09-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 6.820m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:-350.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:659.92x1 lm		
NAME: 软灯条	TYPE: 软灯条	WEIGHT:
SPEC.: S012120BC1HZ	DIM.: 1000×15×6mm	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000X15X6mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	194	194	194	194	194	194	194	194	194	194	194	194							
5	195	195	194	194	191	190	193	193	193	194	196	197							
10	194	194	193	192	186	185	191	191	191	191	197	199							
15	192	192	190	188	180	178	187	187	187	188	196	198							
20	189	188	186	183	173	170	183	181	182	182	193	197							
25	184	184	180	177	164	161	176	175	175	176	189	194							
30	178	178	173	169	154	150	167	167	168	168	184	190							
35	170	170	165	160	143	138	158	157	159	159	177	184							
40	161	160	156	150	131	125	147	146	148	149	169	177							
45	150	149	145	138	117	112	134	134	136	137	160	168							
50	138	137	132	125	102	97.1	122	121	123	124	149	158							
55	124	124	118	110	86.2	80.6	108	107	108	109	136	147							
60	110	109	103	94.2	69.8	64.6	93.1	91.9	92.6	93.1	122	134							
65	95.0	93.9	86.4	77.3	54.3	50.8	78.9	77.0	76.4	76.2	108	120							
70	79.4	77.7	69.1	59.7	41.0	40.1	65.3	62.4	60.0	58.7	91.7	105							
75	64.2	61.8	51.5	41.5	28.9	30.2	49.8	46.9	43.5	40.5	74.8	89.7							
80	49.5	46.6	34.7	24.3	18.6	20.8	32.0	29.9	27.2	23.6	57.6	74.6							
85	32.4	30.0	19.5	10.7	10.7	12.6	16.7	15.3	13.0	9.26	41.1	57.8							
90	17.5	16.1	9.19	2.47	6.90	8.70	9.85	8.75	6.79	1.32	28.6	42.9							
95	10.8	10.1	6.48	1.46	6.14	8.43	9.30	7.88	5.52	1.06	19.7	32.2							
100	8.70	7.76	5.40	1.76	5.40	8.68	8.80	6.68	3.89	1.18	12.6	22.6							
105	7.33	6.76	4.15	2.35	4.91	8.34	7.24	5.42	2.87	1.31	9.34	14.1							
110	6.01	5.05	3.78	2.47	4.57	8.13	5.83	4.43	2.24	1.43	6.39	11.5							
115	5.43	4.28	3.29	2.70	3.65	9.39	4.54	3.89	1.84	1.58	4.89	7.60							
120	5.13	4.42	2.77	2.38	2.80	11.2	4.56	4.06	1.82	1.75	4.15	6.98							
125	5.85	4.49	2.43	2.58	2.48	12.4	4.73	3.39	1.94	1.87	3.78	7.25							
130	6.01	3.72	2.23	2.27	2.52	8.82	3.48	2.38	2.08	2.00	3.84	6.60							
135	5.48	2.55	2.29	2.37	2.66	2.82	2.50	2.26	2.23	2.13	4.08	5.98							
140	5.11	2.48	2.46	2.51	2.85	2.88	2.39	2.39	2.39	2.28	3.11	5.97							
145	5.47	2.56	2.68	2.68	3.05	2.99	2.51	2.52	2.53	2.42	2.40	7.04							
150	4.92	2.63	2.89	2.92	3.43	3.06	2.63	2.64	2.66	2.58	2.53	6.10							
155	3.44	2.70	3.11	3.30	3.63	3.12	2.75	2.75	2.79	2.69	2.70	3.16							
160	2.72	2.81	3.25	3.42	3.53	3.22	2.86	2.86	2.90	2.95	3.52	2.75							
165	2.79	2.98	3.24	3.35	3.40	3.29	2.95	2.97	3.00	3.17	4.81	2.89							
170	2.91	3.16	3.22	3.28	3.33	3.29	3.02	3.05	3.09	3.34	5.29	3.00							
175	2.99	3.19	3.21	3.26	3.32	3.24	3.10	3.13	3.15	3.52	4.82	3.76							
180	3.07	3.19	3.21	3.27	6.40	3.17	3.09	3.17	3.18	3.96	3.46	3.19							

C Range: 0 - 360DEG
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