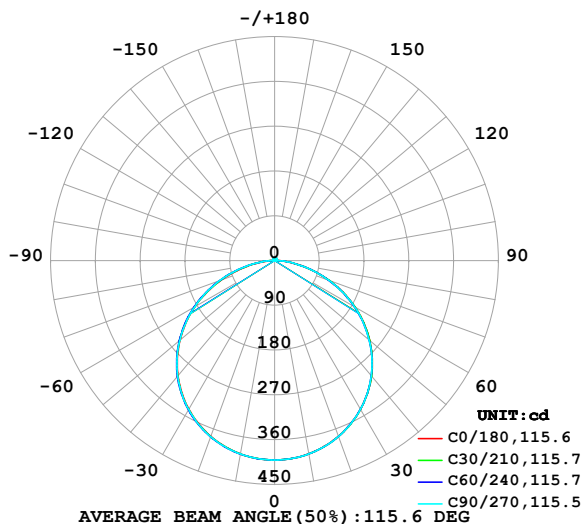


LUMINAIRE PHOTOMETRIC TEST REPORT

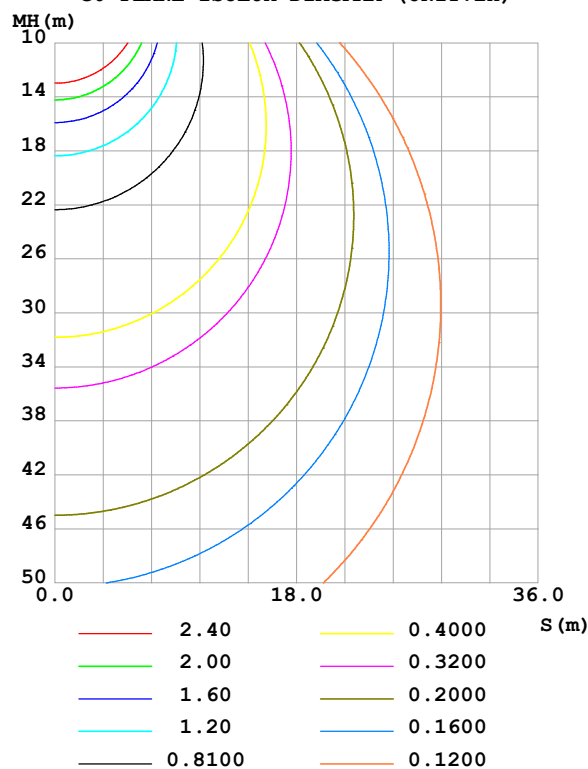
Test:U:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 45.71 lm/W
MODEL	S012120TC4SC5 Mixed	I _{max} (cd)	400.9	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1205.6	η UP,DN(C0-180)	0.8,49.2	
NOMINAL FLUX(lm)	1205.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,49.1	
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down (%)	98.3	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: WHL
Test Date: 2025-05-10

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	394.5	394.7	394.6	394.9	394.6	394.9	394.9	394.5	0- 10	37.97	37.97	3.15,3.15
20	375.8	376.0	376.1	376.5	375.9	376.6	376.5	375.7	10- 20	109.3	147.2	12.2,12.2
30	345.3	345.3	345.1	345.8	345.0	346.2	345.8	344.6	20- 30	167.0	314.3	26.1,26.1
40	303.0	302.7	302.2	303.0	302.2	303.7	303.2	301.8	30- 40	203.6	517.9	43,43
50	249.7	248.8	248.2	249.0	248.1	249.8	249.1	247.8	40- 50	213.7	731.5	60.7,60.7
60	186.6	185.7	185.5	185.7	185.0	186.4	185.4	184.4	50- 60	194.9	926.5	76.8,76.8
70	116.2	115.9	115.9	115.7	113.7	116.4	116.5	115.2	60- 70	149.4	1076	89.2,89.2
80	47.40	48.55	48.41	47.74	44.08	48.25	49.71	48.13	70- 80	85.55	1161	96.3,96.3
90	3.362	3.540	2.369	3.581	2.420	3.202	1.550	3.491	80- 90	24.08	1185	98.3,98.3
100	1.640	1.713	1.805	1.828	1.755	1.778	1.800	1.743	90-100	1.917	1187	98.5,98.5
110	2.228	2.328	2.448	2.342	2.318	2.396	2.443	2.362	100-110	2.164	1190	98.7,98.7
120	2.852	2.940	3.068	2.980	2.964	3.032	3.067	2.982	110-120	2.649	1192	98.9,98.9
130	3.501	3.572	3.693	3.616	3.609	3.675	3.688	3.618	120-130	2.956	1195	99.1,99.1
140	4.150	4.222	4.339	4.264	4.258	4.314	4.327	4.265	130-140	3.049	1198	99.4,99.4
150	4.749	4.833	4.934	4.859	4.850	4.903	4.923	4.879	140-150	2.864	1201	99.6,99.6
160	5.305	5.367	5.454	5.386	5.396	5.431	5.432	5.402	150-160	2.370	1203	99.8,99.8
170	5.780	5.798	5.858	5.810	5.870	5.837	5.836	5.833	160-170	1.587	1205	100,100
180	6.044	6.054	6.071	6.054	6.073	6.047	6.053	6.054	170-180	0.5657	1206	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 625.26 lm

%lum = 51.9%

%lamp = 51.9%

Conical surface Flux(130deg): 1008.3 lm

%lum = 83.6%

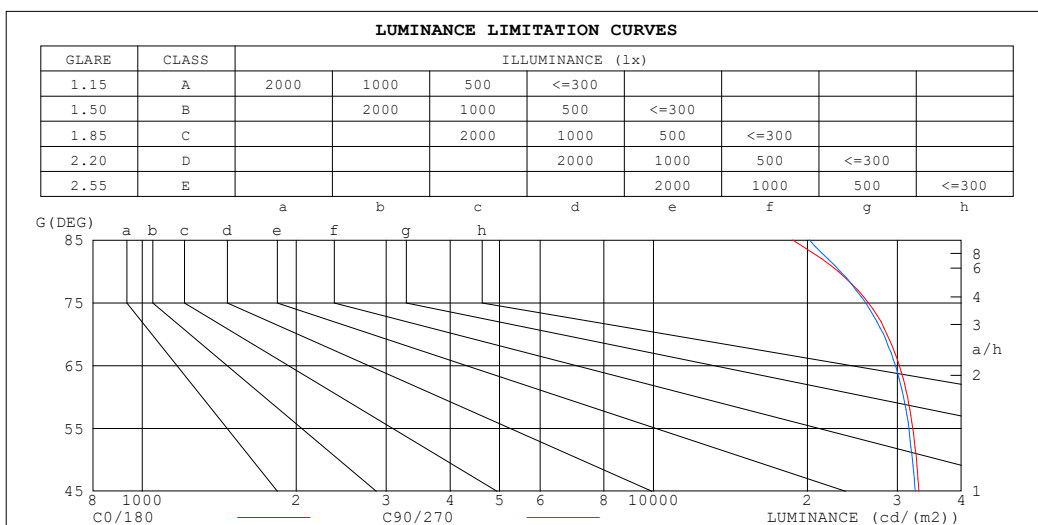
%lamp = 83.6%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:WHL
 Test Date:2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	18712	20173
80	22971	23176
75	26330	26006
70	28591	28184
65	30268	29725
60	31405	30845
55	32165	31589
50	32691	32098
45	33047	32511

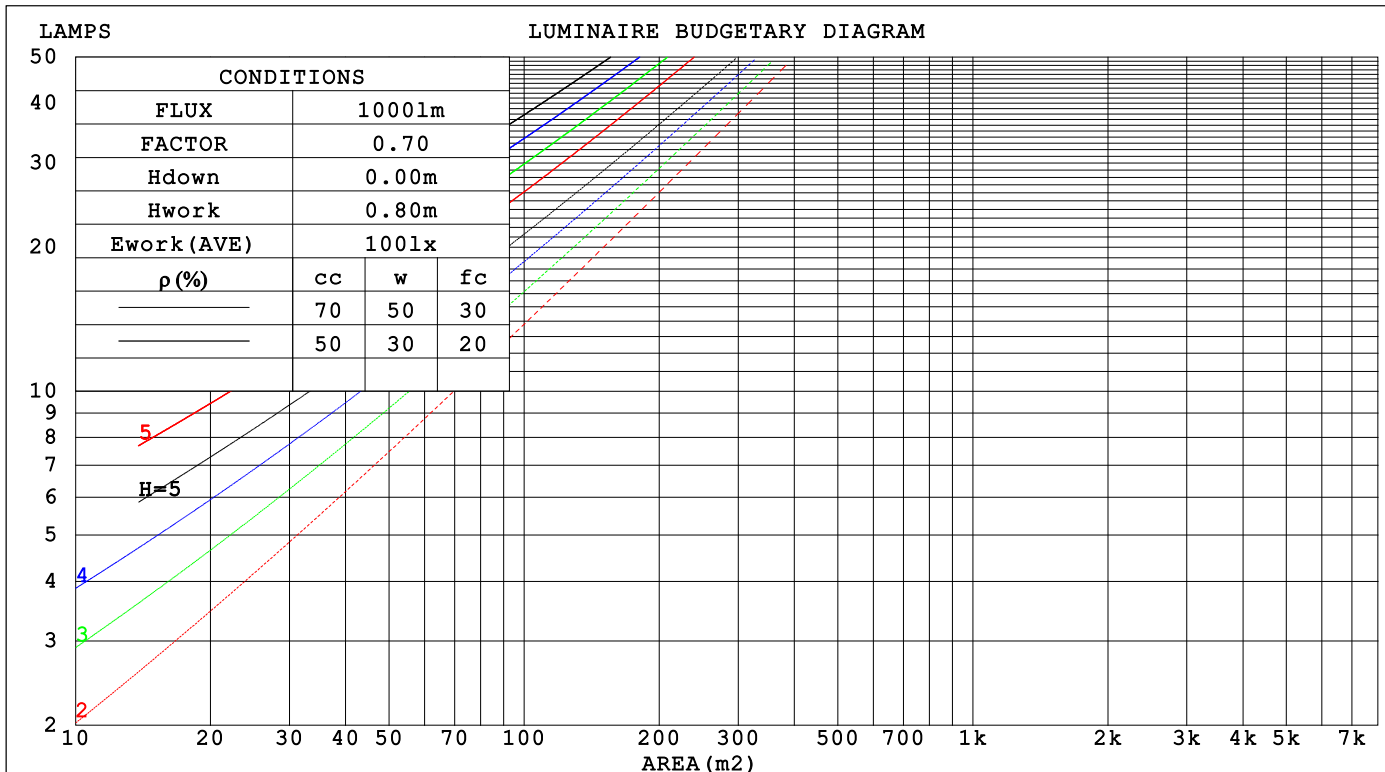
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WHL
Test Date: 2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.52	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.36
7.0	.51	.42	.35	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz					
Lamp Flux:1205.6x1 lm					
NAME: S012120TC4SC5 Mixed			TYPE: LED		WEIGHT:
SPEC.: 1000x12MM			DIM.: 1000x12MM		SERIAL No.:
MFR.: iPixel LED			SUR.: 1000x12MM		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	.313	.178	.056	.305	.174	.055	.291	.167	.053	.278	.160	.051	.266	.154	.050		
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.252	.143	.045		
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.244	.134	.041	.235	.130	.040		
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.226	.121	.037	.217	.118	.036		
5.0	.231	.118	.034	.227	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.032		
6.0	.214	.108	.031	.210	.106	.031	.202	.104	.030	.195	.101	.030	.188	.099	.029		
7.0	.200	.099	.028	.196	.098	.028	.189	.095	.027	.182	.093	.027	.176	.091	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.175	.084	.024	.171	.084	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.146	.074	.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	.203	.203	.203	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022		
1.0	.193	.169	.147	.165	.145	.126	.113	.100	.087	.065	.058	.051	.021	.019	.016		
2.0	.185	.145	.111	.159	.125	.096	.109	.086	.067	.063	.050	.039	.020	.016	.013		
3.0	.178	.127	.087	.152	.110	.075	.105	.076	.053	.060	.045	.031	.019	.014	.010		
4.0	.170	.114	.071	.146	.099	.062	.100	.069	.044	.058	.040	.026	.019	.013	.008		
5.0	.163	.104	.060	.140	.090	.052	.096	.063	.037	.056	.037	.022	.018	.012	.007		
6.0	.156	.095	.052	.134	.083	.045	.092	.058	.032	.054	.034	.019	.017	.011	.006		
7.0	.149	.089	.046	.128	.077	.040	.088	.054	.029	.051	.032	.017	.017	.010	.006		
8.0	.142	.083	.042	.123	.072	.036	.085	.050	.026	.049	.030	.015	.016	.010	.005		
9.0	.136	.078	.038	.117	.068	.033	.081	.047	.024	.047	.028	.014	.015	.009	.005		
10.0	.131	.074	.036	.113	.064	.031	.078	.045	.022	.046	.027	.013	.015	.009	.004		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm										
NAME: S012120TC4SC5 Mixed					TYPE: LED			WEIGHT:		
SPEC.: 1000x12MM					DIM.: 1000x12MM			SERIAL No.:		
MFR.: iPixel LED					SUR.: 1000x12MM			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	24.3	25.8	24.6	26.0	26.2	24.2	25.7	24.5	25.9	26.2
3H	25.8	27.2	26.1	27.5	27.7	25.7	27.1	26.0	27.4	27.6
4H	26.4	27.7	26.7	28.0	28.3	26.3	27.6	26.6	27.9	28.2
6H	26.8	28.1	27.2	28.4	28.7	26.7	28.0	27.1	28.3	28.6
8H	26.9	28.1	27.3	28.5	28.8	26.9	28.1	27.2	28.4	28.7
12H	27.0	28.2	27.4	28.5	28.8	26.9	28.1	27.3	28.4	28.8
4H 2H	24.9	26.2	25.2	26.5	26.8	24.8	26.1	25.1	26.4	26.7
3H	26.6	27.7	27.0	28.1	28.4	26.5	27.7	26.9	28.0	28.3
4H	27.3	28.4	27.7	28.7	29.1	27.2	28.3	27.6	28.6	29.0
6H	27.8	28.8	28.3	29.2	29.6	27.8	28.7	28.2	29.1	29.5
8H	28.0	28.9	28.5	29.3	29.7	28.0	28.8	28.4	29.2	29.7
12H	28.1	28.9	28.6	29.3	29.8	28.1	28.9	28.5	29.3	29.7
8H 4H	27.6	28.4	28.0	28.8	29.3	27.5	28.4	27.9	28.8	29.2
6H	28.2	29.0	28.7	29.4	29.9	28.2	28.9	28.7	29.3	29.8
8H	28.5	29.1	29.0	29.6	30.1	28.5	29.1	28.9	29.6	30.0
12H	28.7	29.2	29.2	29.7	30.2	28.7	29.2	29.2	29.7	30.2
12H 4H	27.6	28.4	28.0	28.8	29.2	27.5	28.3	28.0	28.7	29.2
6H	28.3	28.9	28.8	29.4	29.9	28.2	28.9	28.7	29.3	29.8
8H	28.6	29.1	29.1	29.6	30.1	28.6	29.1	29.1	29.6	30.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1206 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.6)
Area: 0.012 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

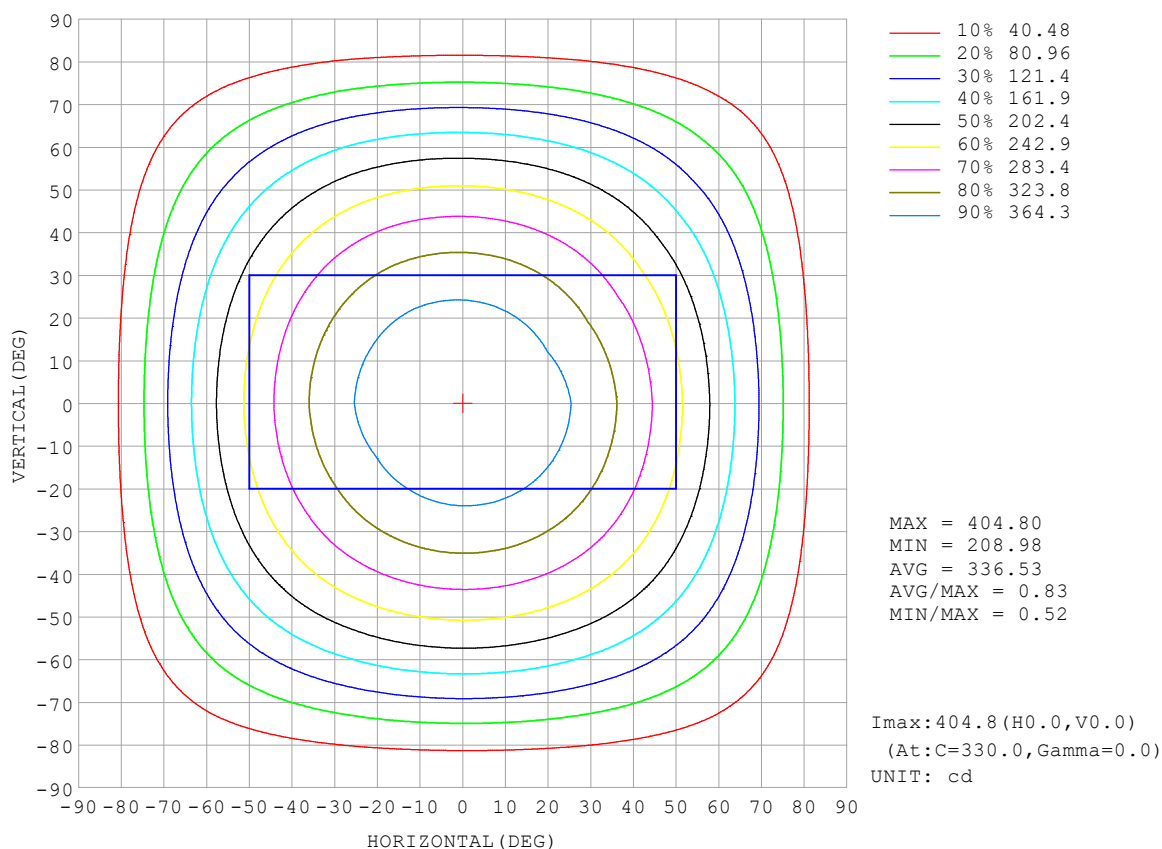
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	45	38	54	44	37	31
0.80	67	55	47	65	54	47	64	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	101	94	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	93	98	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
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°C
Operators: WHL
Test Date: 2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

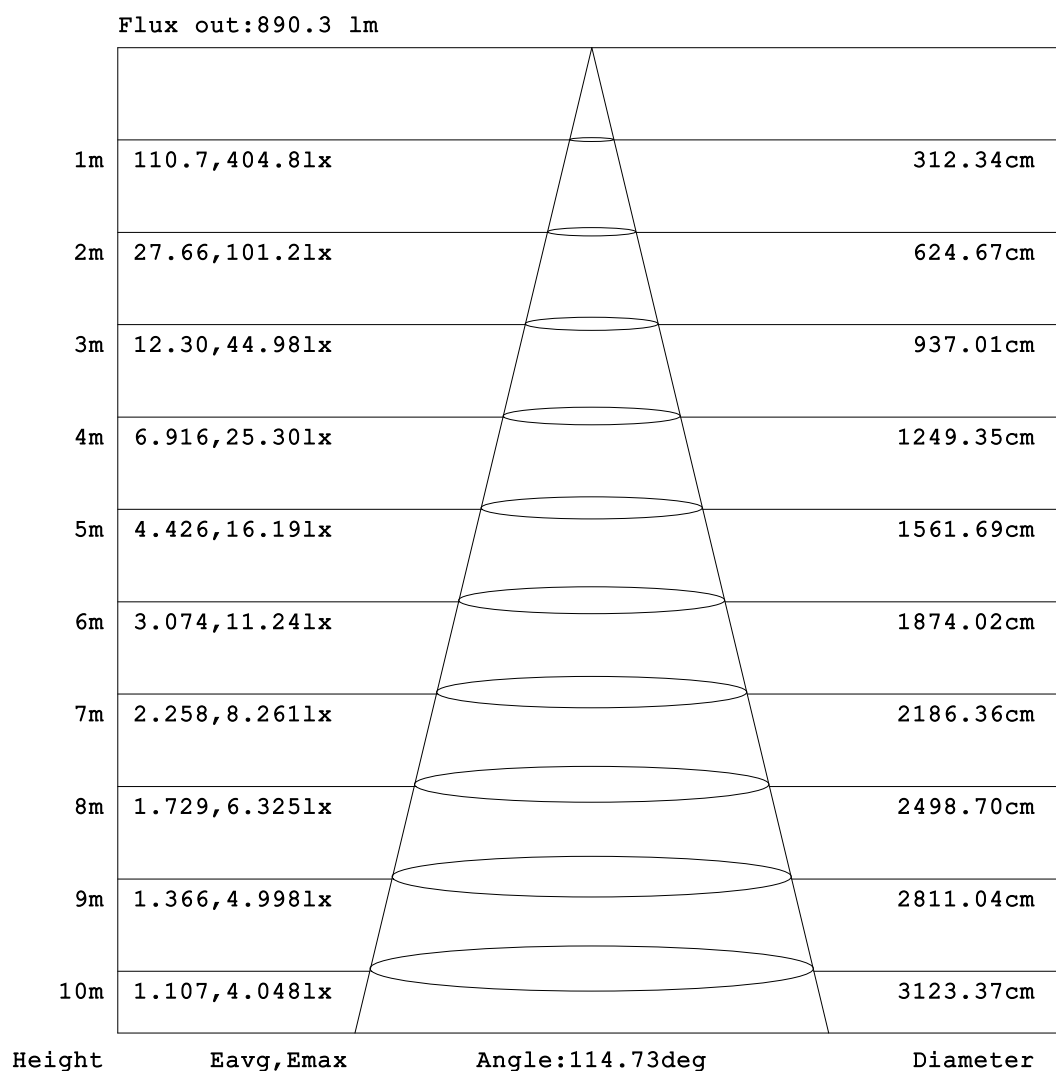


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:



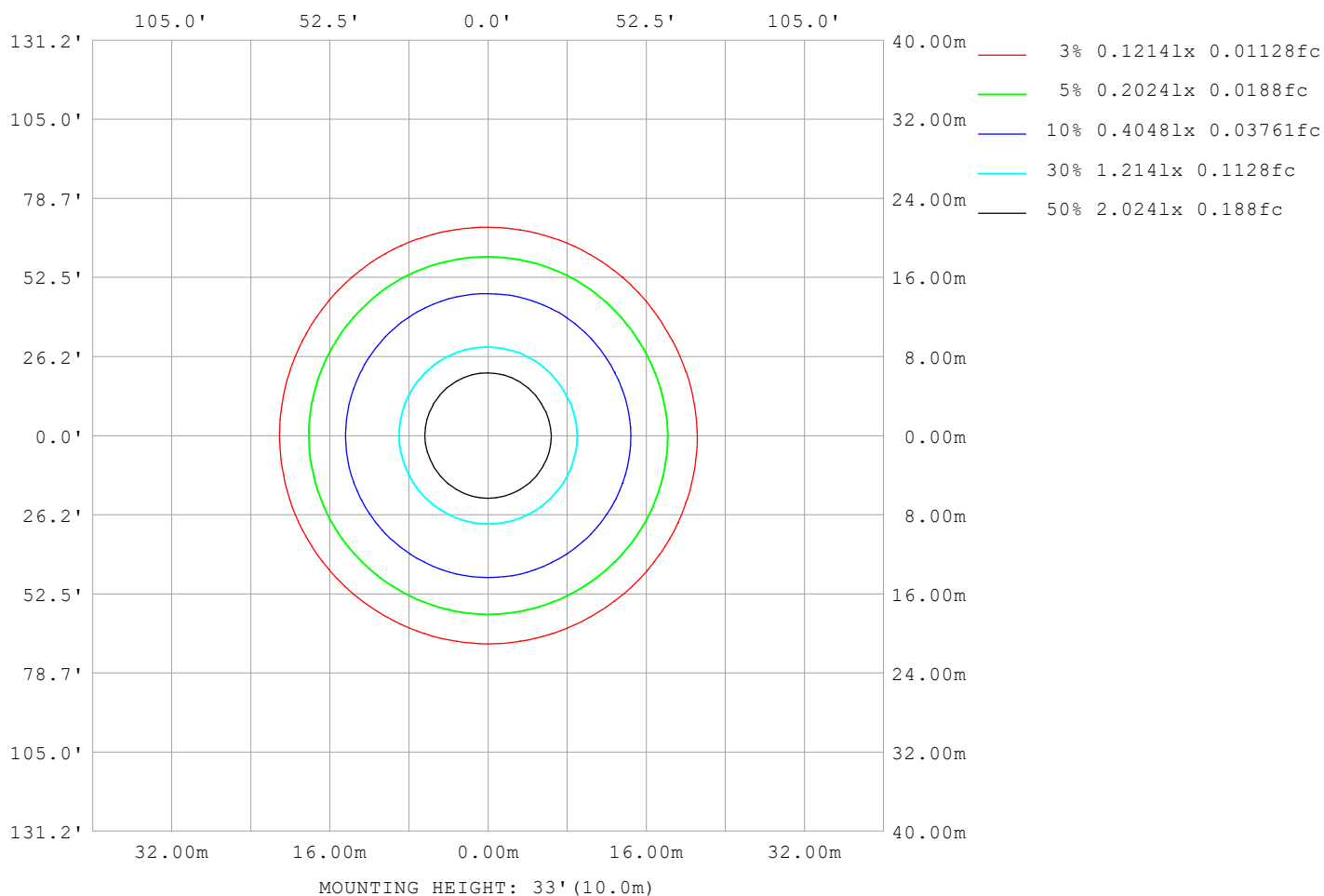
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:WHL
 Test Date:2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000×12MM	DIM.: 1000×12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×12MM	Shielding Angle:

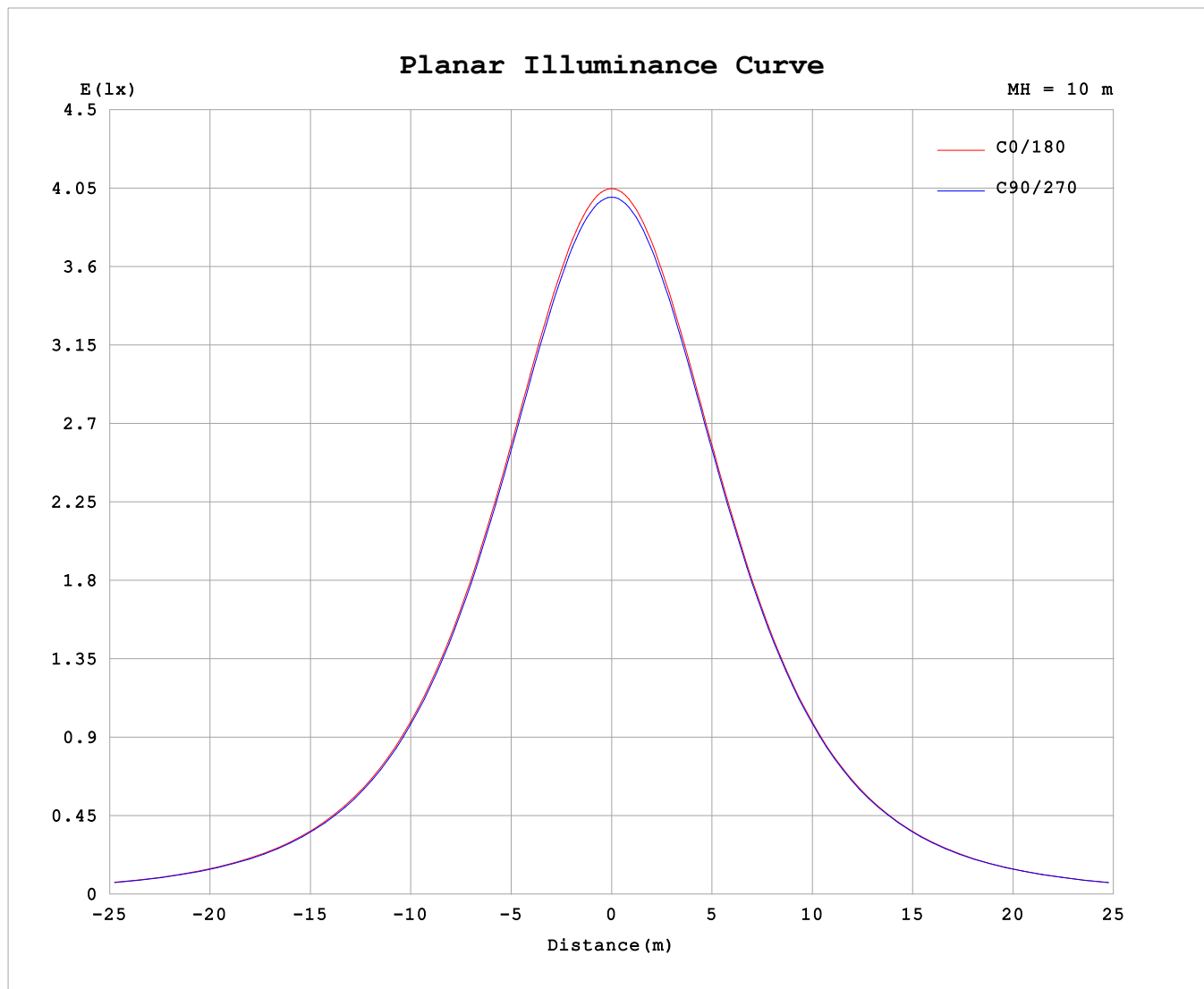
AvgL	cd/m2
L_0~180 (65) av	29777
L_0~180 (75) av	25539
L_0~180 (85) av	17270
L_90~270 (65) av	29822
L_90~270 (75) av	26298
L_90~270 (85) av	20336
L_45 (65) av	29797
L_45 (75) av	26069
L_45 (85) av	20009

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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
Test Speed: HIGH
Temperature: 25.3 °C
Operators: WHL
Test Date: 2025-05-10

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:23.997V I:1.0992A P:26.378W PF:1.0000 Freq:0Hz Lamp Flux:1205.6x1 lm		
NAME: S012120TC4SC5 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	401	401	401	401	401	401	401	401	401	401	401	401							
5	399	399	399	399	399	399	399	399	399	399	399	399							
10	394	395	395	395	395	395	395	395	395	395	395	394							
15	387	387	387	387	387	387	387	387	388	387	387	386							
20	376	376	376	376	376	377	376	376	377	377	376	375							
25	362	362	362	362	362	363	362	363	363	363	362	361							
30	345	346	345	345	345	346	345	346	347	346	345	344							
35	326	326	325	325	325	326	325	326	327	326	325	324							
40	303	303	302	302	302	304	302	303	304	303	302	301							
45	278	278	277	277	277	278	276	278	279	277	277	276							
50	250	249	248	248	248	250	248	249	250	249	248	247							
55	219	219	217	218	218	219	218	218	220	218	218	216							
60	187	187	185	186	185	187	185	186	187	185	185	184							
65	152	152	151	151	150	152	150	151	153	151	151	149							
70	116	117	115	116	115	116	114	115	118	116	116	114							
75	81.0	81.3	81.0	81.0	80.5	80.7	77.7	80.0	82.6	82.4	81.5	79.7							
80	47.4	48.5	48.6	48.4	47.9	47.6	44.1	46.9	49.6	49.7	49.1	47.1							
85	19.4	21.2	21.3	21.1	20.5	20.2	16.7	19.6	21.6	21.4	21.7	20.2							
90	3.36	3.70	3.38	2.37	3.42	3.74	2.42	3.10	3.30	1.55	3.52	3.46							
95	1.40	1.48	1.51	1.50	1.90	2.07	1.50	1.57	1.58	1.50	1.52	1.52							
100	1.64	1.69	1.73	1.81	1.72	1.93	1.75	1.74	1.81	1.80	1.79	1.70							
105	1.92	1.99	2.05	2.12	2.04	2.01	2.00	2.03	2.13	2.12	2.09	2.00							
110	2.23	2.30	2.36	2.45	2.37	2.32	2.32	2.34	2.45	2.44	2.40	2.33							
115	2.55	2.61	2.66	2.76	2.69	2.64	2.64	2.67	2.77	2.76	2.72	2.63							
120	2.85	2.92	2.96	3.07	3.00	2.96	2.96	2.98	3.08	3.07	3.03	2.93							
125	3.17	3.23	3.27	3.38	3.32	3.28	3.27	3.31	3.39	3.37	3.34	3.25							
130	3.50	3.56	3.59	3.69	3.63	3.60	3.61	3.63	3.72	3.69	3.66	3.58							
135	3.83	3.88	3.91	4.02	3.96	3.93	3.94	3.96	4.04	4.01	3.98	3.91							
140	4.15	4.21	4.23	4.34	4.28	4.25	4.26	4.27	4.36	4.33	4.30	4.23							
145	4.46	4.53	4.54	4.64	4.58	4.56	4.56	4.57	4.66	4.63	4.61	4.54							
150	4.75	4.83	4.84	4.93	4.87	4.85	4.85	4.86	4.95	4.92	4.91	4.84							
155	5.03	5.11	5.12	5.20	5.14	5.12	5.13	5.13	5.21	5.19	5.18	5.12							
160	5.31	5.37	5.36	5.45	5.39	5.38	5.40	5.39	5.47	5.43	5.44	5.37							
165	5.56	5.60	5.59	5.67	5.61	5.62	5.66	5.61	5.69	5.66	5.67	5.61							
170	5.78	5.81	5.79	5.86	5.80	5.82	5.87	5.80	5.87	5.84	5.86	5.81							
175	5.94	5.96	5.94	6.01	5.95	5.98	6.02	5.96	6.03	5.98	6.02	5.95							
180	6.04	6.07	6.04	6.07	6.05	6.06	6.07	6.03	6.06	6.05	6.07	6.04							

C Range: 0 - 360DEG
C Interval: 30.0DEG
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γ Range: 0 - 180DEG
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