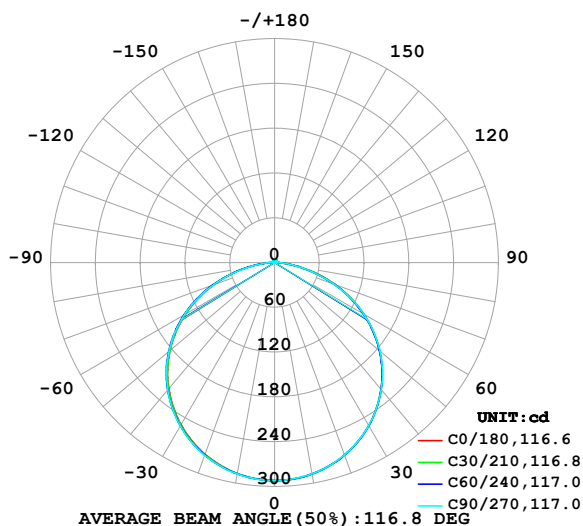


LUMINAIRE PHOTOMETRIC TEST REPORT

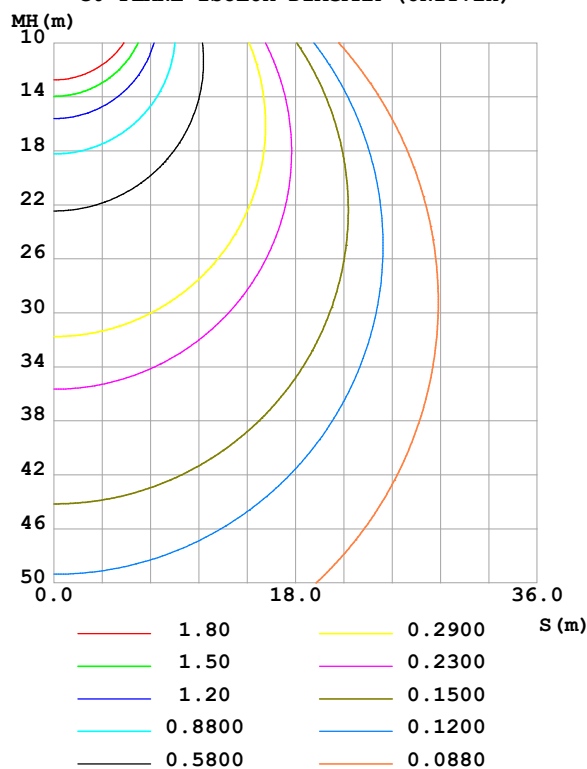
Test:U:23.997V I:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 117.87 lm/W
MODEL	S010126BC1SF W	I _{max} (cd)	292.0	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	886.45	η UP,DN(C0-180)	0.8,49.1	
NOMINAL FLUX(lm)	886.45	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,49.2	
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: 2025-05-09

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	287.7	287.7	287.5	287.3	287.0	287.3	287.6	287.7	0- 10	27.66	27.66	3.12,3.12
20	274.4	274.4	274.2	274.0	273.2	274.0	274.6	274.3	10- 20	79.60	107.3	12.1,12.1
30	252.5	252.5	252.3	252.0	250.9	252.0	252.8	252.3	20- 30	121.8	229.1	25.8,25.8
40	222.1	222.1	222.1	221.9	220.6	222.0	222.9	221.9	30- 40	148.9	378.0	42.6,42.6
50	183.6	183.7	184.1	184.0	183.0	184.3	184.8	183.7	40- 50	157.3	535.3	60.4,60.4
60	137.7	137.7	138.0	138.7	137.8	139.2	139.2	137.8	50- 60	144.6	680.0	76.7,76.7
70	86.29	85.37	84.47	87.39	86.92	88.32	86.98	85.96	60- 70	111.7	791.7	89.3,89.3
80	33.62	32.73	32.46	35.23	35.34	36.22	34.60	33.65	70- 80	63.10	854.8	96.4,96.4
90	1.786	2.268	1.282	3.557	2.360	3.248	1.433	2.633	80- 90	16.68	871.4	98.3,98.3
100	1.283	1.285	1.318	1.389	1.248	1.334	1.385	1.364	90-100	1.635	873.1	98.5,98.5
110	1.639	1.701	1.782	1.707	1.698	1.779	1.850	1.820	100-110	1.613	874.7	98.7,98.7
120	2.100	2.149	2.239	2.168	2.173	2.245	2.296	2.258	110-120	1.960	876.6	98.9,98.9
130	2.571	2.605	2.693	2.638	2.644	2.698	2.724	2.665	120-130	2.172	878.8	99.1,99.1
140	3.049	3.075	3.154	3.105	3.122	3.170	3.185	3.125	130-140	2.232	881.1	99.4,99.4
150	3.474	3.523	3.596	3.543	3.557	3.595	3.614	3.559	140-150	2.095	883.1	99.6,99.6
160	3.876	3.908	3.974	3.929	3.949	3.971	3.977	3.947	150-160	1.731	884.9	99.8,99.8
170	4.211	4.228	4.269	4.235	4.273	4.266	4.262	4.248	160-170	1.158	886.0	100,100
180	4.409	4.412	4.417	4.406	4.416	4.407	4.417	4.412	170-180	0.4123	886.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 456.93 lm

%lum = 51.5%

%lamp = 51.5%

Conical surface Flux(130deg): 741.07 lm

%lum = 83.6%

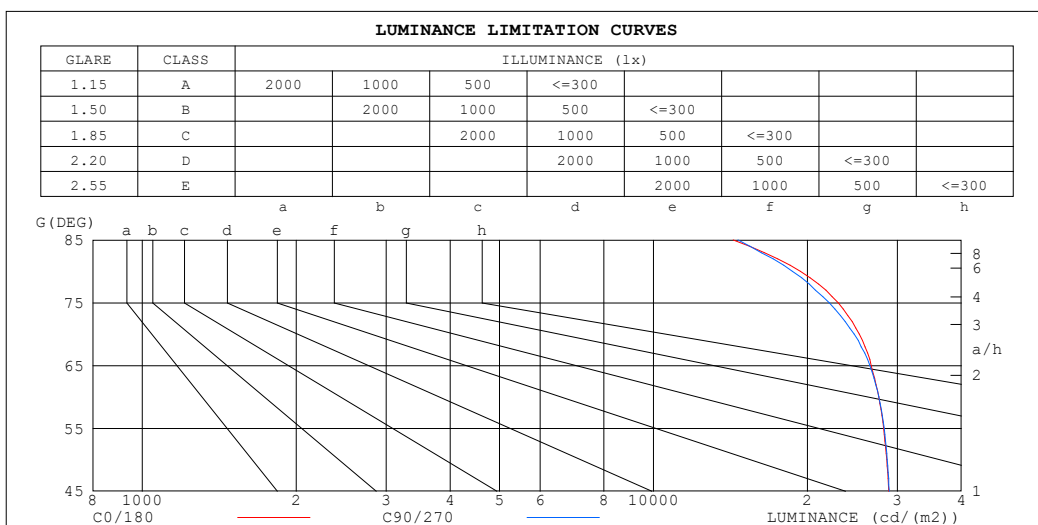
%lamp = 83.6%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:WHL
 Test Date:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000×10MM	DIM.: 1000×10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14313	14628
80	19386	18697
75	22972	22077
70	25263	24705
65	26670	26502
60	27581	27603
55	28185	28263
50	28602	28656
45	28861	28920

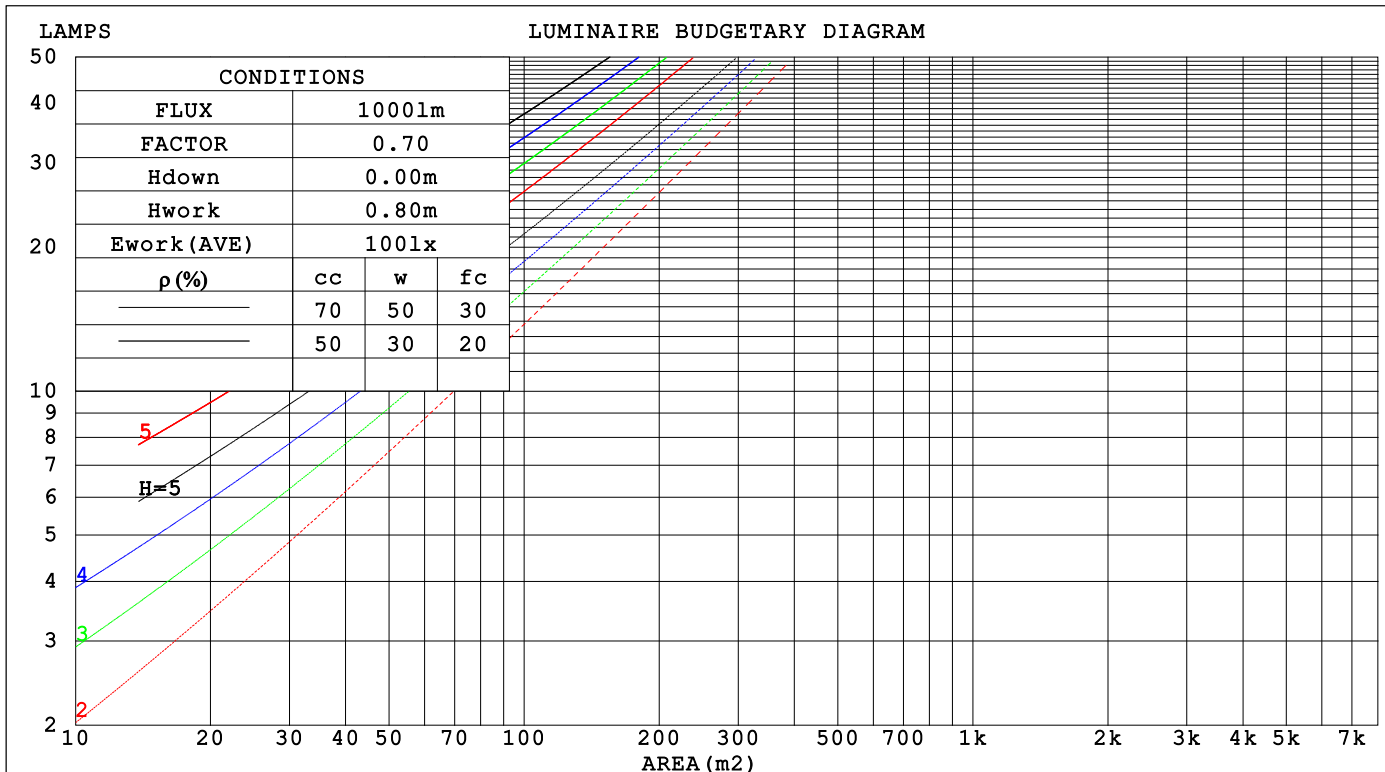
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000x10MM	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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.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	.69	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.51	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.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:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz		
Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000x10MM	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	.143	.043	.255	.138	.042	.245	.134	.041	.235	.130	.040		
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.226	.122	.037	.218	.118	.036		
5.0	.232	.118	.034	.227	.117	.034	.218	.114	.033	.210	.111	.033	.202	.108	.032		
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.195	.101	.030	.188	.099	.029		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.182	.093	.027	.176	.091	.027		
8.0	.187	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.165	.085	.025		
9.0	.175	.085	.024	.172	.084	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.164	.079	.022	.162	.078	.022	.156	.077	.022	.151	.075	.021	.147	.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	.194	.169	.147	.166	.145	.127	.113	.100	.088	.065	.058	.051	.021	.019	.016		
2.0	.186	.145	.111	.159	.125	.096	.109	.086	.067	.063	.050	.039	.020	.016	.013		
3.0	.178	.127	.087	.153	.110	.076	.105	.076	.053	.061	.045	.031	.019	.014	.010		
4.0	.171	.114	.071	.146	.099	.062	.101	.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	.096	.052	.134	.083	.046	.092	.058	.032	.054	.034	.019	.017	.011	.006		
7.0	.149	.089	.046	.128	.077	.040	.089	.054	.029	.052	.032	.017	.017	.010	.006		
8.0	.143	.083	.042	.123	.072	.037	.085	.051	.026	.049	.030	.015	.016	.010	.005		
9.0	.137	.078	.038	.118	.068	.034	.082	.048	.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:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz										
Lamp Flux:886.45x1 lm										
NAME: S010126BC1SF W					TYPE: LED			WEIGHT:		
SPEC.: 1000x10MM					DIM.: 1000x10MM			SERIAL No.: 10105-0604-00		
MFR.: iPixel LED					SUR.: 1000x10MM			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	24.9	26.4	25.2	26.6	26.9	24.9	26.4	25.2	26.6	26.8
3H	26.4	27.8	26.8	28.1	28.4	26.4	27.8	26.7	28.0	28.3
4H	27.0	28.3	27.4	28.6	28.9	26.9	28.3	27.3	28.5	28.8
6H	27.4	28.7	27.8	29.0	29.3	27.3	28.5	27.6	28.8	29.2
8H	27.5	28.7	27.9	29.0	29.3	27.4	28.6	27.7	28.9	29.2
12H	27.5	28.7	27.9	29.0	29.4	27.4	28.6	27.8	28.9	29.2
4H 2H	25.5	26.8	25.8	27.1	27.4	25.5	26.8	25.8	27.1	27.4
3H	27.2	28.4	27.6	28.7	29.0	27.2	28.3	27.5	28.6	29.0
4H	27.9	29.0	28.3	29.3	29.7	27.8	28.9	28.2	29.2	29.6
6H	28.4	29.4	28.8	29.7	30.1	28.3	29.2	28.7	29.6	30.0
8H	28.6	29.4	29.0	29.8	30.3	28.4	29.3	28.9	29.7	30.1
12H	28.6	29.4	29.1	29.9	30.3	28.5	29.3	29.0	29.7	30.2
8H 4H	28.2	29.0	28.6	29.4	29.9	28.1	28.9	28.5	29.3	29.8
6H	28.8	29.5	29.3	29.9	30.4	28.7	29.4	29.1	29.8	30.3
8H	29.0	29.6	29.5	30.1	30.6	28.9	29.5	29.4	30.0	30.5
12H	29.1	29.7	29.6	30.2	30.7	29.0	29.6	29.5	30.0	30.6
12H 4H	28.2	29.0	28.6	29.4	29.8	28.1	28.9	28.5	29.3	29.7
6H	28.8	29.5	29.3	29.9	30.4	28.7	29.3	29.2	29.8	30.3
8H	29.1	29.6	29.6	30.1	30.6	28.9	29.5	29.4	30.0	30.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 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, 886.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:

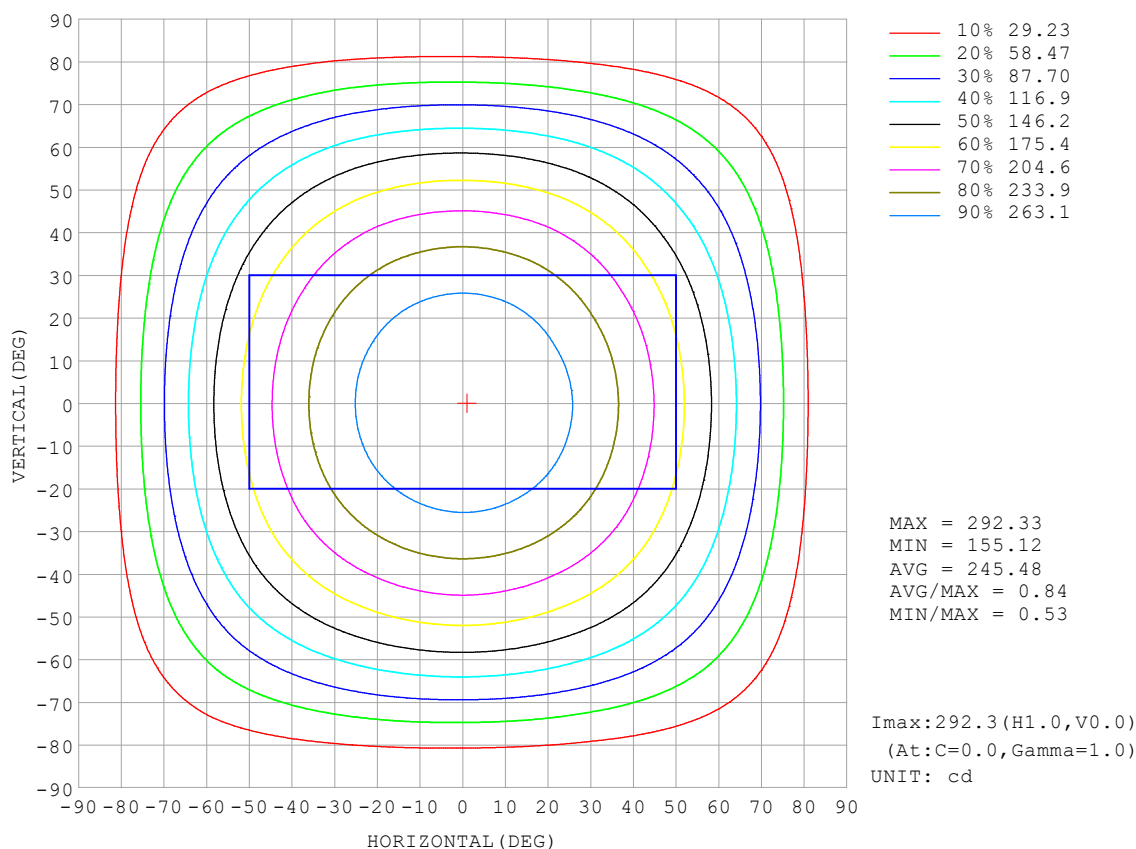
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	37	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	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: 2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000×10MM	DIM.: 1000×10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

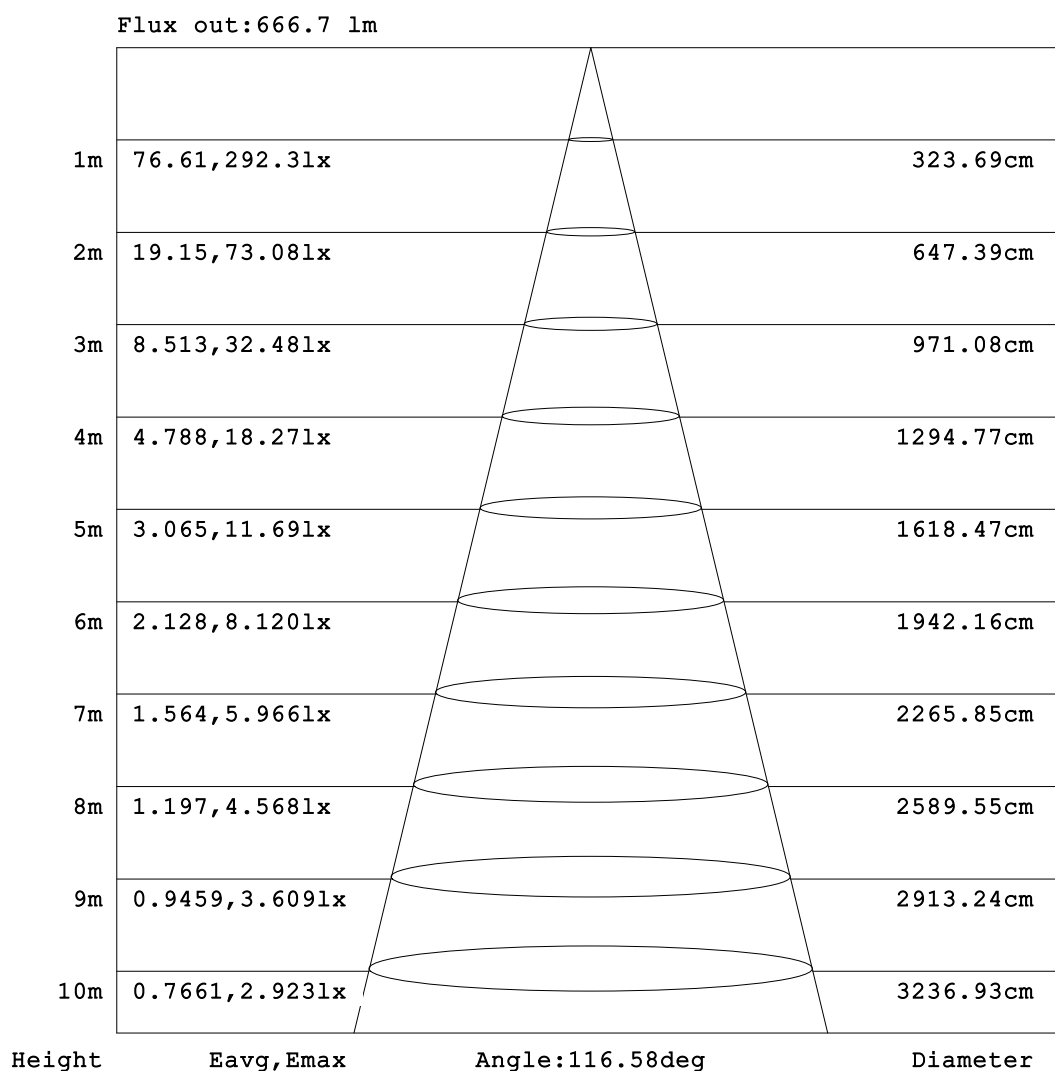


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:



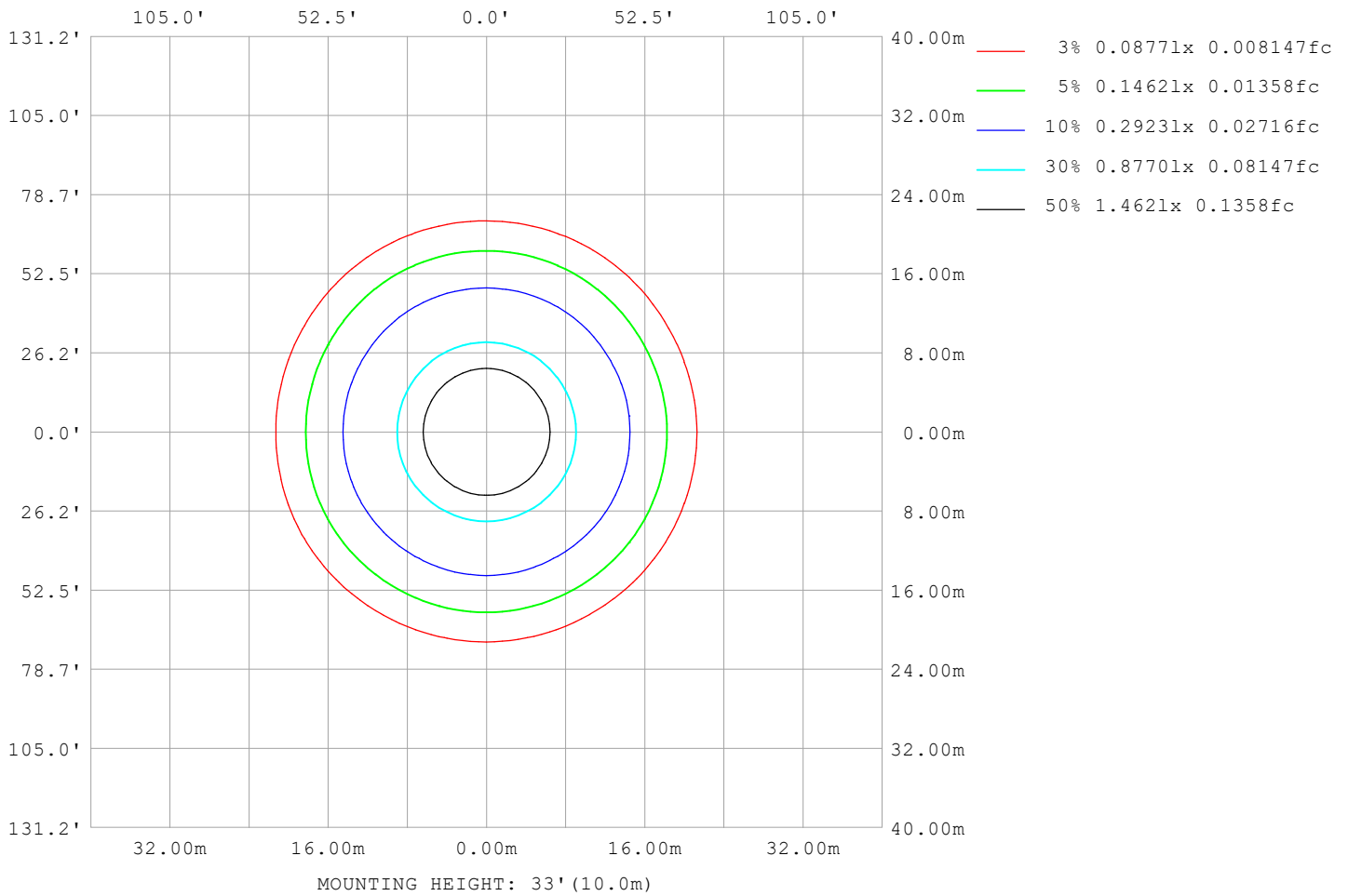
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:WHL
Test Date:2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000×10MM	DIM.: 1000×10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

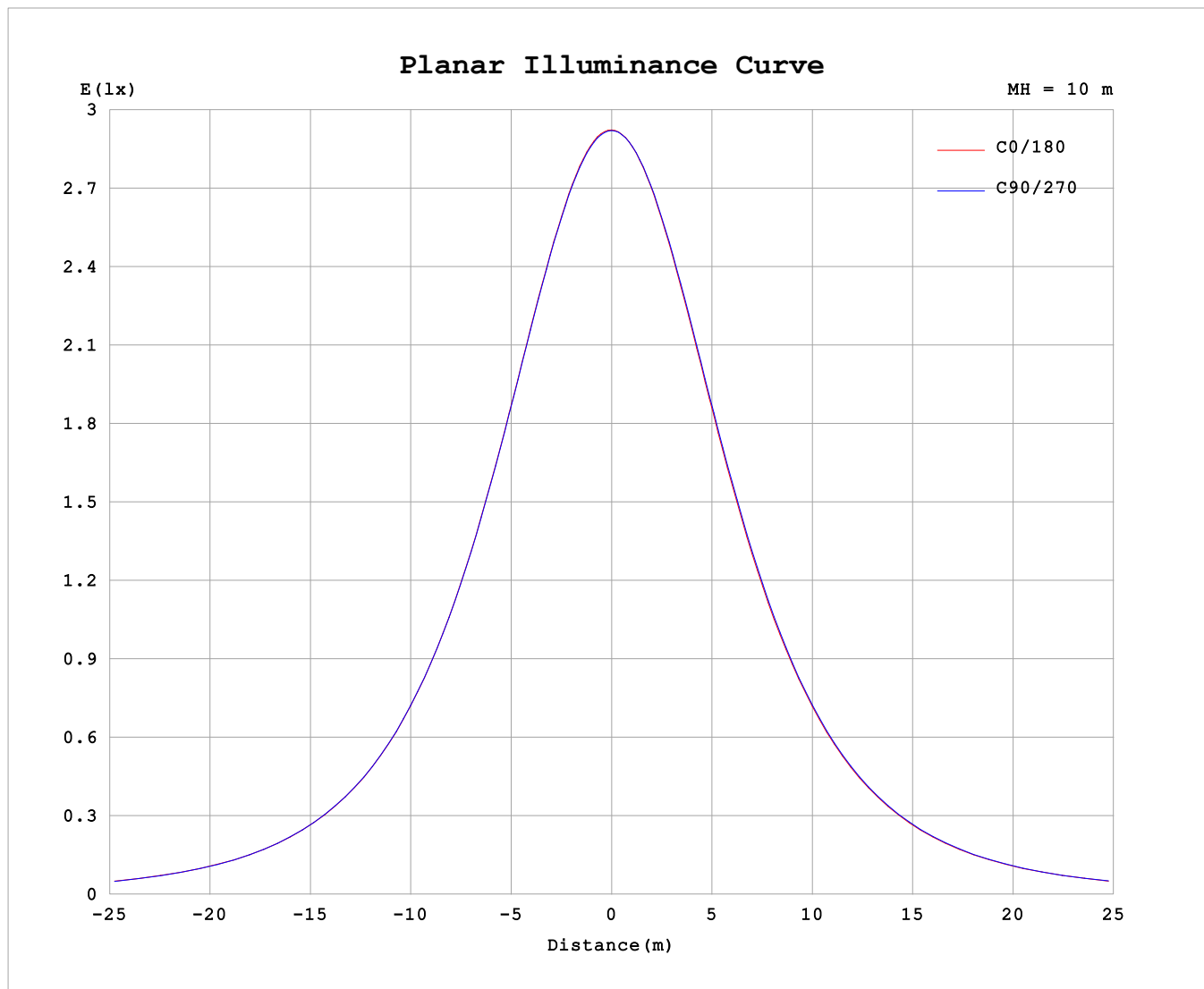
AvgL	cd/m2
L_0~180 (65) av	26687
L_0~180 (75) av	23180
L_0~180 (85) av	15234
L_90~270 (65) av	26721
L_90~270 (75) av	22524
L_90~270 (85) av	15541
L_45 (65) av	26790
L_45 (75) av	23124
L_45 (85) av	16038

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-09

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: 2025-05-09

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:0.3134A P:7.5207W PF:1.0000 Freq:0Hz Lamp Flux:886.45x1 lm		
NAME: S010126BC1SF W	TYPE: LED	WEIGHT:
SPEC.: 1000×10MM	DIM.: 1000×10MM	SERIAL No.: 10105-0604-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	292	292	292	292	292	292	292	292	292	292	292	292							
5	291	291	291	291	291	291	291	291	291	291	291	291							
10	288	288	288	287	287	287	287	287	288	288	288	288							
15	282	282	282	282	282	282	281	281	282	282	282	282							
20	274	275	274	274	274	274	273	274	274	275	275	274							
25	264	265	264	264	264	264	263	264	265	265	265	264							
30	252	253	252	252	252	252	251	251	253	253	253	252							
35	238	238	238	238	238	238	237	237	239	239	239	238							
40	222	222	222	222	222	222	221	221	223	223	223	221							
45	204	204	204	204	204	204	203	203	205	205	205	203							
50	184	184	183	184	184	184	183	183	185	185	185	183							
55	161	162	161	162	162	163	161	161	164	163	163	160							
60	138	138	137	138	138	139	138	138	140	139	139	137							
65	113	113	112	112	113	114	113	114	115	114	114	111							
70	86.3	86.1	84.7	84.5	86.3	88.4	86.9	87.9	88.7	87.0	86.5	85.4							
75	59.4	59.1	57.1	57.1	59.2	61.9	60.6	61.6	61.7	59.5	58.9	58.8							
80	33.6	33.4	32.1	32.5	34.0	36.4	35.3	36.2	36.2	34.6	33.7	33.6							
85	12.5	12.6	12.5	12.7	14.0	15.3	14.1	14.9	15.4	14.3	13.8	12.9							
90	1.79	2.07	2.47	1.28	3.41	3.71	2.36	2.95	3.54	1.43	3.00	2.27							
95	1.28	1.26	1.09	1.09	1.39	2.18	1.55	1.63	1.37	1.16	1.19	1.31							
100	1.28	1.31	1.26	1.32	1.25	1.53	1.25	1.27	1.40	1.39	1.40	1.33							
105	1.42	1.45	1.48	1.55	1.48	1.46	1.47	1.49	1.61	1.62	1.63	1.55							
110	1.64	1.69	1.71	1.78	1.72	1.69	1.70	1.72	1.83	1.85	1.86	1.78							
115	1.87	1.91	1.94	2.02	1.95	1.92	1.94	1.96	2.06	2.08	2.08	2.00							
120	2.10	2.14	2.16	2.24	2.18	2.15	2.17	2.19	2.30	2.30	2.31	2.21							
125	2.33	2.37	2.38	2.46	2.41	2.39	2.41	2.42	2.51	2.51	2.49	2.39							
130	2.57	2.60	2.61	2.69	2.65	2.63	2.64	2.66	2.74	2.72	2.71	2.62							
135	2.81	2.84	2.84	2.92	2.89	2.86	2.89	2.90	2.99	2.96	2.94	2.85							
140	3.05	3.07	3.08	3.15	3.11	3.10	3.12	3.13	3.21	3.19	3.16	3.09							
145	3.27	3.30	3.30	3.38	3.33	3.33	3.36	3.35	3.42	3.41	3.38	3.32							
150	3.47	3.52	3.53	3.60	3.55	3.54	3.56	3.56	3.63	3.61	3.60	3.52							
155	3.68	3.72	3.72	3.79	3.75	3.74	3.76	3.76	3.83	3.80	3.79	3.72							
160	3.88	3.92	3.90	3.97	3.93	3.93	3.95	3.94	4.01	3.98	3.98	3.92							
165	4.05	4.09	4.07	4.14	4.09	4.10	4.13	4.10	4.17	4.13	4.14	4.08							
170	4.21	4.24	4.22	4.27	4.22	4.25	4.27	4.24	4.29	4.26	4.27	4.22							
175	4.32	4.35	4.33	4.37	4.33	4.36	4.39	4.35	4.40	4.37	4.39	4.34							
180	4.41	4.42	4.41	4.42	4.40	4.41	4.42	4.40	4.41	4.42	4.42	4.40							

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