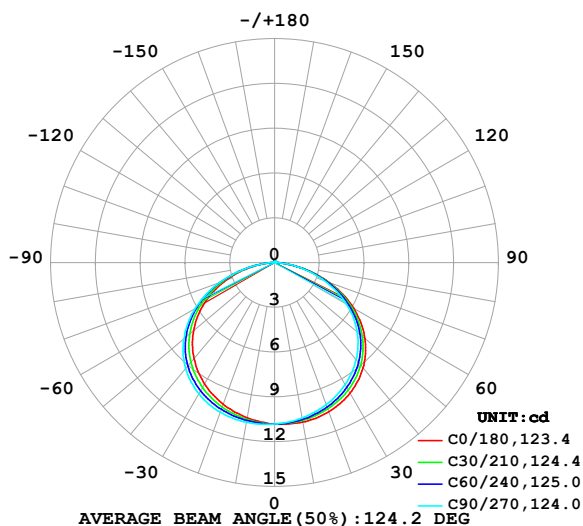


LUMINAIRE PHOTOMETRIC TEST REPORT

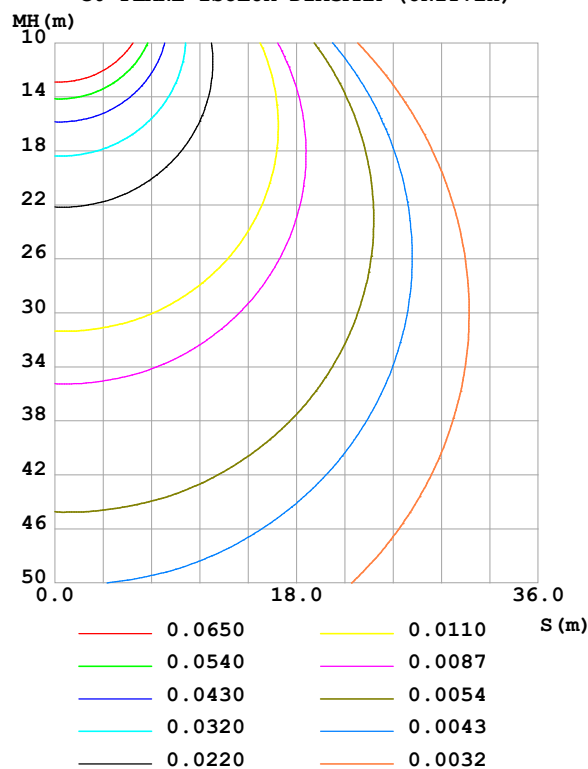
Test:U:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 4.22 lm/W
MODEL	S010060CB3SB7 B	Imax (cd)	10.88	S/MH(C0/180)	1.30	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.40	
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	35.189	η UP,DN(C0-180)	0.4,49.1	
NOMINAL FLUX(lm)	35.189	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,50.2	
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	12	η down (%)	99.3	CIBSE SHR MAX	1.55	

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	10.86	10.71	10.58	10.51	10.56	10.71	10.87	10.87	0- 10	1.027	1.027	2.92,2.92
20	10.63	10.36	10.12	10.03	10.10	10.37	10.66	10.63	10- 20	2.987	4.014	11.4,11.4
30	10.10	9.765	9.446	9.334	9.394	9.793	10.15	10.05	20- 30	4.655	8.669	24.6,24.6
40	9.223	8.864	8.501	8.393	8.402	8.889	9.271	9.171	30- 40	5.844	14.51	41.2,41.2
50	7.909	7.574	7.227	7.121	7.095	7.593	7.941	7.738	40- 50	6.339	20.85	59.3,59.3
60	6.122	5.863	5.564	5.488	5.441	5.879	6.141	5.764	50- 60	5.983	26.83	76.3,76.3
70	3.896	3.754	3.551	3.518	3.470	3.773	3.915	3.771	60- 70	4.720	31.55	89.7,89.7
80	1.515	1.494	1.416	1.436	1.395	1.523	1.549	1.486	70- 80	2.718	34.27	97.4,97.4
90	0.0260	0.0309	0.0108	0.0452	0	0.0219	0.0152	0.0165	80- 90	0.6723	34.95	99.3,99.3
100	0	0.0108	0.0180	0.0342	0.0000	0.0036	0	0.0018	90-100	0.0095	34.95	99.3,99.3
110	0	0.0198	0.0325	0.0378	0.0217	0.0108	0	0.0108	100-110	0.0148	34.97	99.4,99.4
120	0.0072	0.0288	0.0469	0.0378	0.0396	0.0234	0.0108	0.0342	110-120	0.0226	34.99	99.4,99.4
130	0.0216	0.0432	0.0578	0.0467	0.0612	0.0396	0.0252	0.0558	120-130	0.0328	35.02	99.5,99.5
140	0.0397	0.0576	0.0794	0.0612	0.0756	0.0594	0.0469	0.0791	130-140	0.0421	35.07	99.7,99.7
150	0.0540	0.0738	0.1118	0.0774	0.0901	0.0738	0.0685	0.0971	140-150	0.0451	35.11	99.8,99.8
160	0.0684	0.0882	0.1118	0.0935	0.0937	0.0882	0.0865	0.1043	150-160	0.0403	35.15	99.9,99.9
170	0.0829	0.0954	0.1118	0.1043	0.0937	0.0918	0.1009	0.1061	160-170	0.0270	35.18	100,100
180	0.0901	0.0990	0.1118	0.1115	0.0937	0.0972	0.1082	0.1061	170-180	0.0095	35.19	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 17.671 lm

%lum = 50.2%

%lamp = 50.2%

Conical surface Flux(130deg): 29.404 lm

%lum = 83.6%

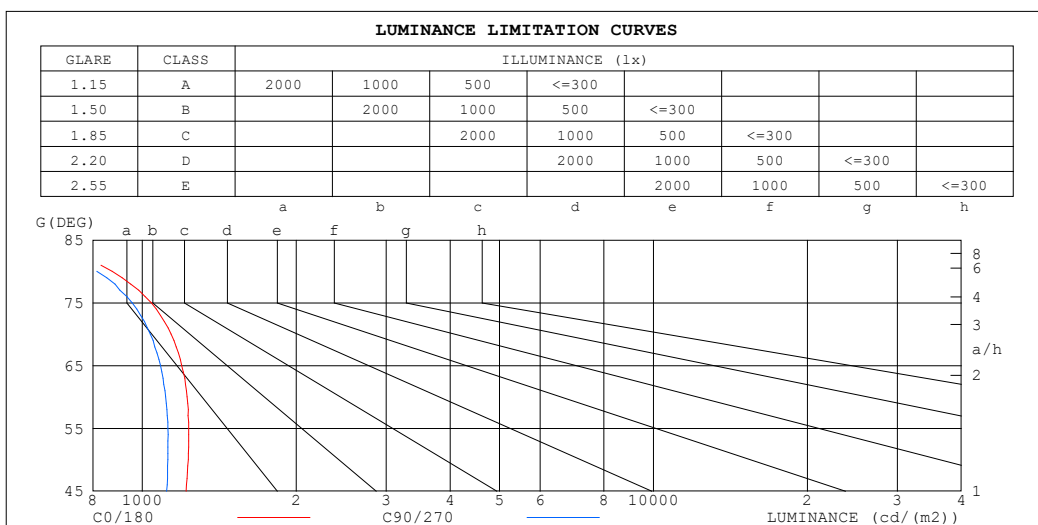
%lamp = 83.6%

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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:



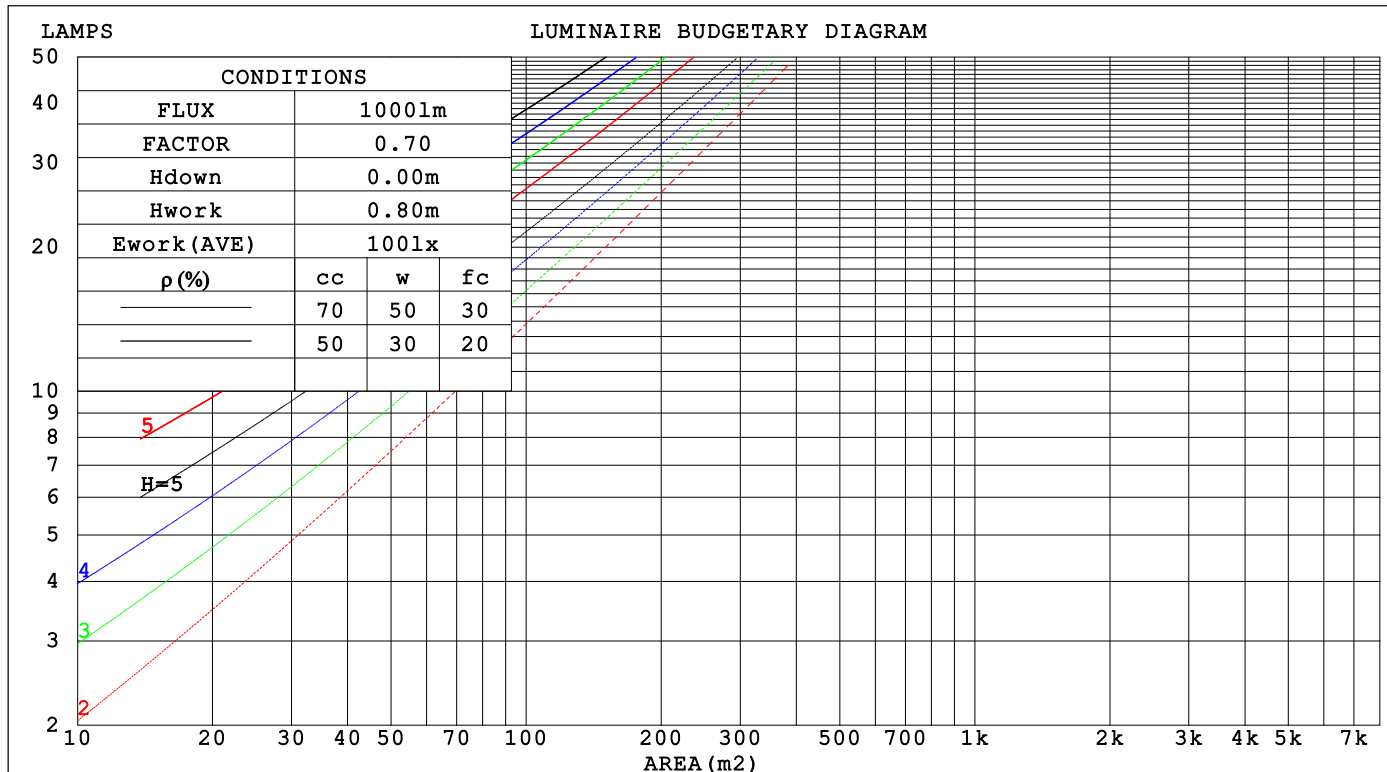
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.:
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	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.89	.87	.84	.82
2.0	.89	.82	.76	.87	.81	.75	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.78	.70	.63	.76	.69	.62	.73	.67	.61	.70	.65	.60	.68	.63	.59	.56
4.0	.69	.60	.53	.67	.59	.52	.65	.57	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.49	.42	.38	.36
7.0	.50	.41	.34	.49	.40	.34	.47	.39	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.45	.36	.30	.44	.36	.30	.43	.35	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.41	.33	.27	.41	.33	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.37	.30	.25	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22



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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz		
Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.:
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	.319	.181	.057	.312	.178	.056	.298	.171	.055	.285	.165	.053	.274	.159	.051		
2.0	.300	.165	.050	.294	.162	.050	.282	.157	.049	.270	.152	.047	.260	.147	.046		
3.0	.277	.148	.044	.272	.145	.044	.261	.141	.043	.251	.137	.042	.242	.134	.041		
4.0	.255	.133	.039	.250	.131	.039	.241	.128	.038	.232	.125	.038	.224	.122	.037		
5.0	.236	.120	.035	.231	.119	.035	.223	.116	.034	.215	.113	.034	.207	.111	.033		
6.0	.218	.109	.031	.214	.108	.031	.207	.106	.031	.199	.104	.030	.193	.102	.030		
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.094	.027		
8.0	.189	.092	.026	.186	.092	.026	.180	.090	.026	.174	.088	.025	.169	.087	.025		
9.0	.177	.086	.024	.174	.085	.024	.169	.083	.024	.163	.082	.023	.159	.081	.023		
10.0	.166	.080	.022	.164	.079	.022	.159	.078	.022	.154	.076	.022	.150	.075	.022		

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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.186	.161	.139	.159	.139	.120	.109	.095	.083	.063	.055	.048	.020	.018	.016		
2.0	.179	.137	.102	.153	.118	.088	.105	.082	.062	.060	.048	.036	.019	.015	.012		
3.0	.171	.120	.079	.147	.103	.068	.101	.072	.048	.058	.042	.028	.019	.014	.009		
4.0	.164	.107	.063	.141	.092	.055	.097	.064	.038	.056	.038	.023	.018	.012	.007		
5.0	.156	.096	.052	.134	.083	.045	.093	.058	.032	.054	.034	.019	.017	.011	.006		
6.0	.149	.088	.044	.128	.076	.038	.088	.053	.027	.051	.031	.016	.017	.010	.005		
7.0	.142	.081	.038	.122	.070	.033	.085	.049	.024	.049	.029	.014	.016	.010	.005		
8.0	.136	.075	.034	.117	.065	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004		
9.0	.130	.070	.030	.112	.061	.026	.077	.043	.019	.045	.025	.011	.015	.008	.004		
10.0	.124	.066	.028	.107	.057	.024	.074	.040	.017	.043	.024	.010	.014	.008	.003		

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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz										
Lamp Flux:35.189x1 lm										
NAME: S010060CB3SB7 B					TYPE: LED			WEIGHT:		
SPEC.: 1000x10MM					DIM.: 1000x10MM			SERIAL No.:		
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	25.4	27.0	25.7	27.2	27.4	25.1	26.6	25.3	26.8	27.1
3H	27.1	28.5	27.4	28.8	29.0	26.7	28.1	27.0	28.4	28.6
4H	27.7	29.1	28.1	29.4	29.6	27.3	28.7	27.6	28.9	29.2
6H	28.1	29.4	28.5	29.7	30.0	27.7	29.0	28.0	29.3	29.6
8H	28.2	29.5	28.6	29.8	30.1	27.8	29.1	28.2	29.4	29.7
12H	28.3	29.5	28.6	29.8	30.1	27.9	29.1	28.2	29.4	29.7
4H 2H	26.0	27.4	26.4	27.7	28.0	25.8	27.1	26.1	27.4	27.7
3H	27.9	29.1	28.2	29.4	29.7	27.6	28.8	27.9	29.1	29.4
4H	28.6	29.7	29.0	30.1	30.4	28.3	29.4	28.7	29.7	30.1
6H	29.2	30.1	29.6	30.5	30.9	28.8	29.8	29.2	30.2	30.5
8H	29.3	30.2	29.7	30.6	31.0	29.0	29.9	29.4	30.3	30.7
12H	29.4	30.2	29.8	30.6	31.0	29.1	29.9	29.5	30.3	30.7
8H 4H	28.9	29.8	29.3	30.2	30.6	28.6	29.5	29.0	29.9	30.3
6H	29.6	30.3	30.0	30.7	31.2	29.3	30.0	29.7	30.4	30.9
8H	29.8	30.4	30.2	30.9	31.3	29.5	30.1	30.0	30.6	31.1
12H	29.9	30.5	30.4	30.9	31.4	29.6	30.2	30.1	30.7	31.1
12H 4H	28.9	29.7	29.3	30.1	30.5	28.6	29.4	29.0	29.8	30.3
6H	29.6	30.3	30.1	30.7	31.2	29.3	30.0	29.8	30.4	30.9
8H	29.9	30.4	30.3	30.9	31.4	29.6	30.1	30.1	30.6	31.1
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 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 35.19 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -11.6)
Area: 0.01 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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:

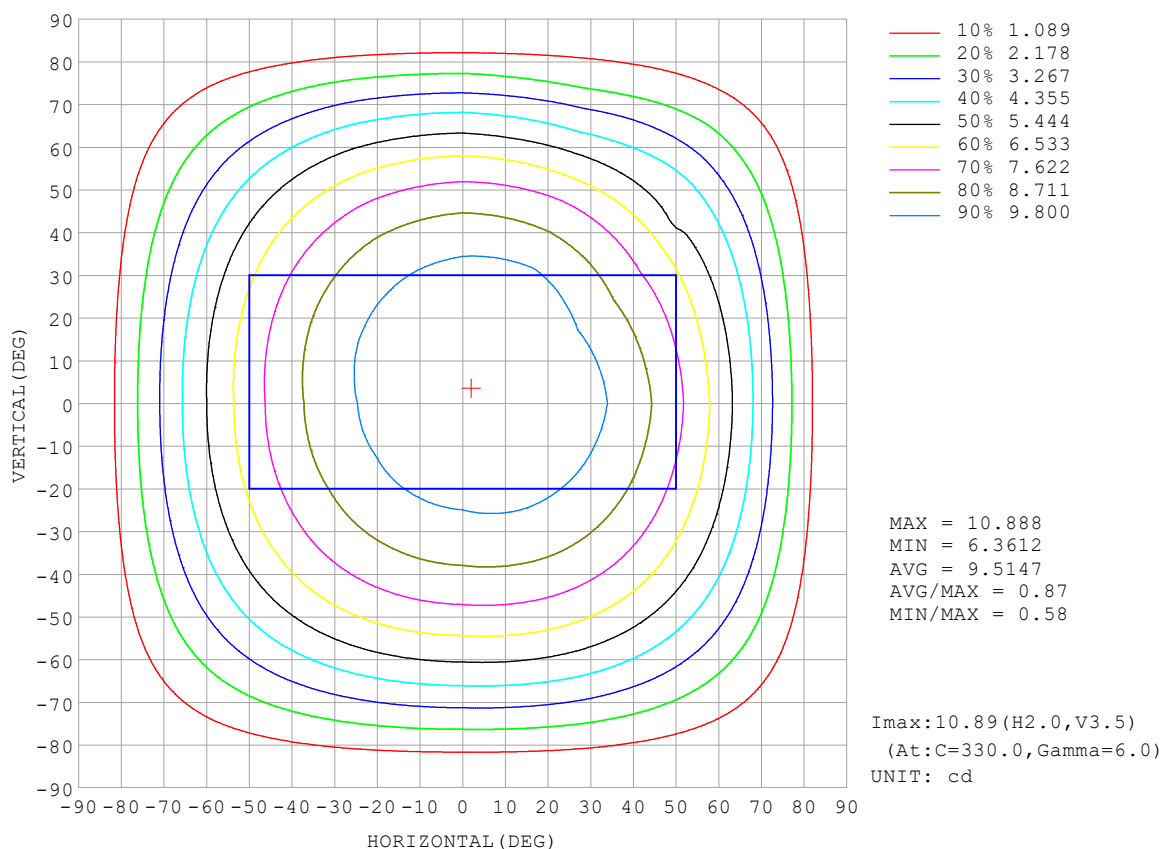
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	36	55	43	36	54	43	36	30
0.80	66	54	46	65	53	46	63	52	45	38
1.00	74	63	55	73	62	55	71	64	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	82	74	67	60
2.00	94	85	78	92	84	77	88	81	76	68
2.50	98	90	83	96	88	83	92	86	81	72
3.00	101	94	88	99	93	87	95	90	85	76
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	85
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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000×10MM	DIM.: 1000×10MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

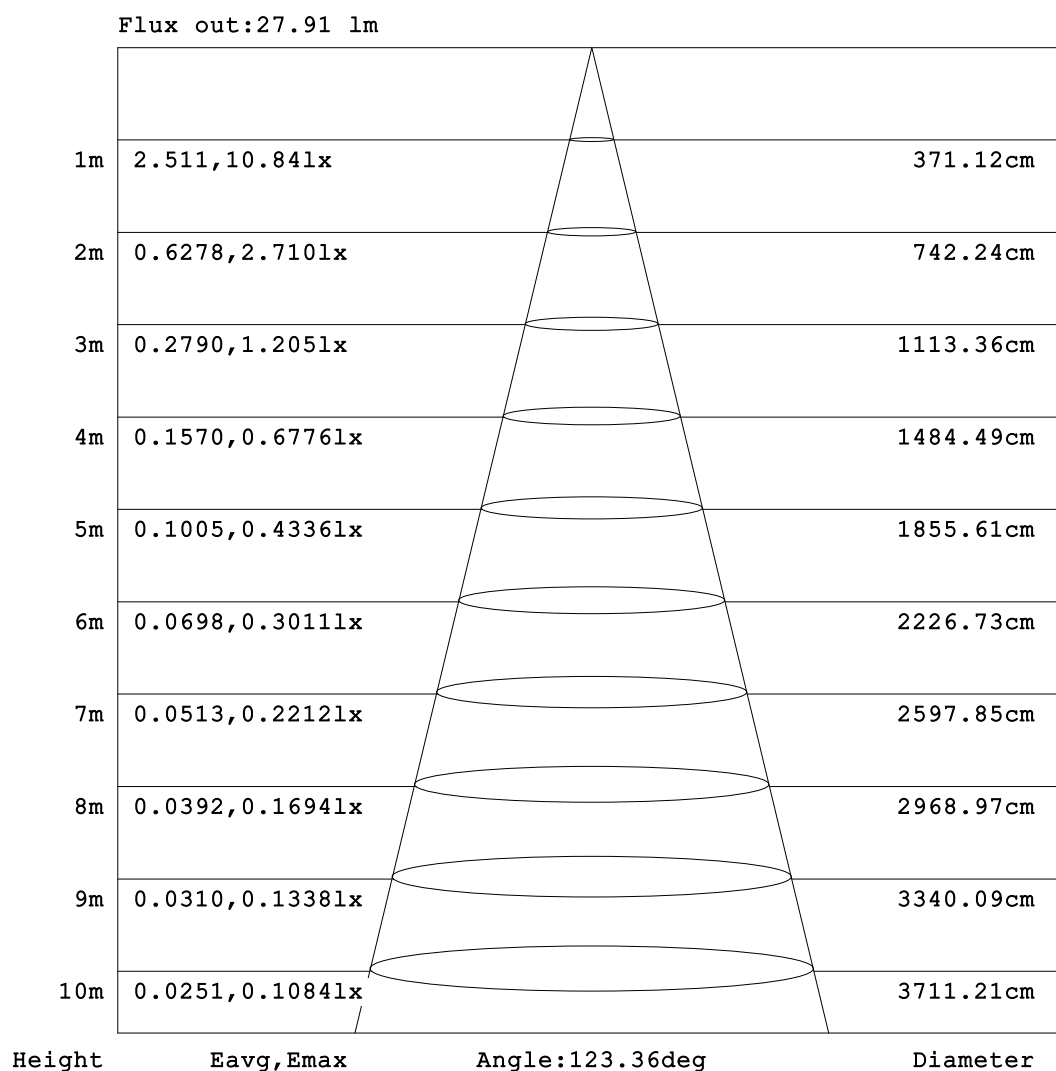


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-10

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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:



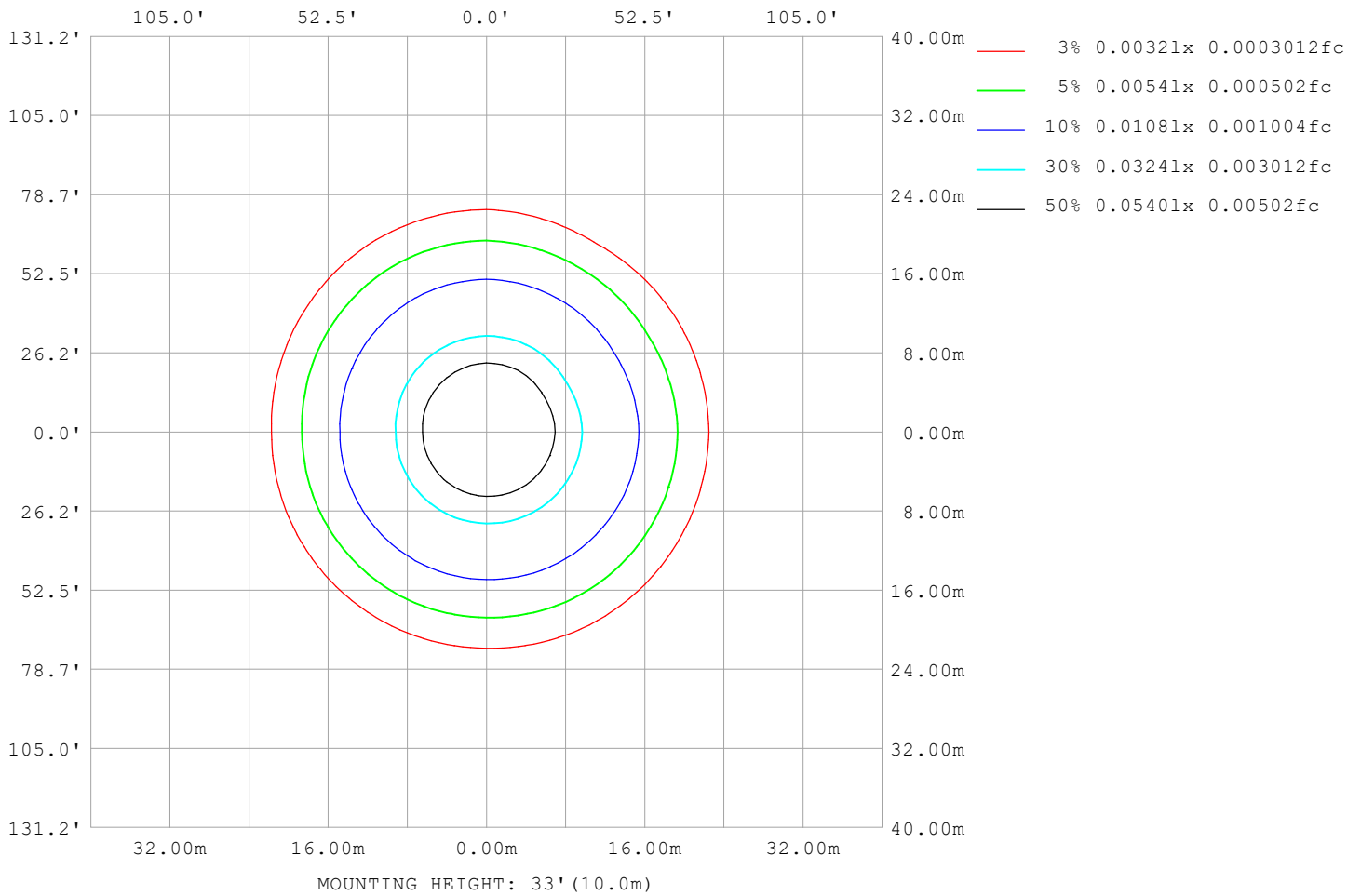
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000x10MM	DIM.: 1000x10MM	SERIAL No.:
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: 2025-05-10

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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz Lamp Flux:35.189x1 lm		
NAME: S010060CB3SB7 B	TYPE: LED	WEIGHT:
SPEC.: 1000×10MM	DIM.: 1000×10MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

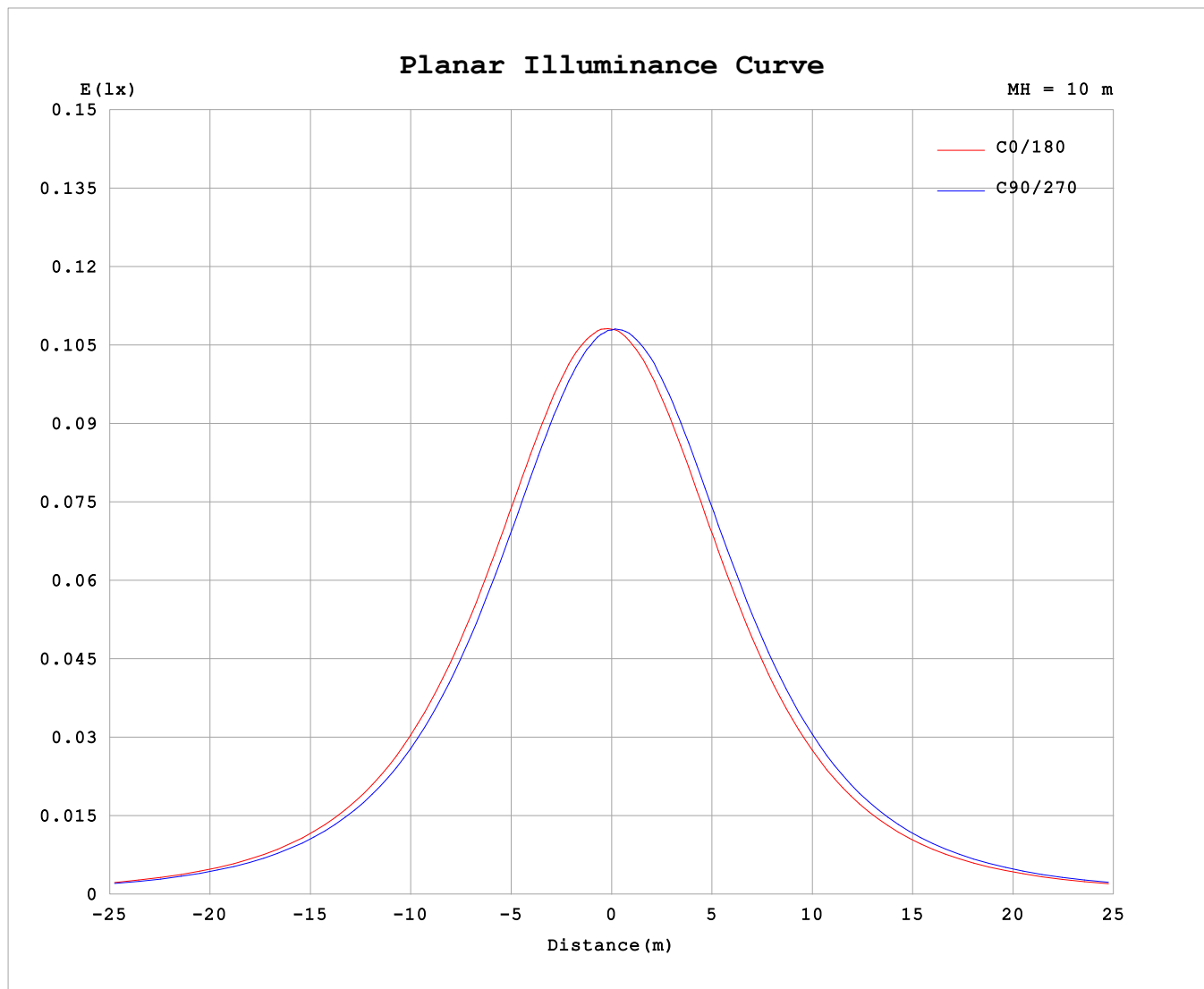
AvgL	cd/m2
L_0~180 (65) av	1128
L_0~180 (75) av	988
L_0~180 (85) av	602
L_90~270 (65) av	1144
L_90~270 (75) av	1004
L_90~270 (85) av	623
L_45 (65) av	1129
L_45 (75) av	994
L_45 (85) av	631

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:11.999V I:0.6945A P:8.3333W PF:1.0000 Freq:0Hz																	
Lamp Flux:35.189x1 lm																	
NAME: S010060CB3SB7 B									TYPE: LED						WEIGHT:		
SPEC.: 1000x10MM									DIM.: 1000x10MM						SERIAL No.:		
MFR.: iPixel LED									SUR.: 1000x10MM						Shielding Angle:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8						
5	10.9	10.8	10.8	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9	10.9						
10	10.9	10.7	10.7	10.6	10.5	10.5	10.6	10.7	10.7	10.9	10.9	10.9						
15	10.8	10.6	10.5	10.4	10.3	10.3	10.4	10.5	10.6	10.8	10.8	10.8						
20	10.6	10.4	10.3	10.1	10.0	10.0	10.1	10.3	10.5	10.7	10.7	10.6						
25	10.4	10.2	10.0	9.81	9.71	9.71	9.78	10.0	10.2	10.5	10.5	10.2						
30	10.1	9.86	9.67	9.45	9.35	9.32	9.39	9.66	9.93	10.2	10.2	9.91						
35	9.71	9.47	9.25	9.02	8.91	8.88	8.94	9.23	9.53	9.77	9.81	9.54						
40	9.22	8.98	8.75	8.50	8.41	8.37	8.40	8.73	9.05	9.27	9.32	9.03						
45	8.61	8.37	8.16	7.91	7.82	7.77	7.79	8.13	8.46	8.67	8.57	8.31						
50	7.91	7.67	7.47	7.23	7.15	7.10	7.09	7.43	7.76	7.94	7.85	7.62						
55	7.07	6.86	6.68	6.44	6.37	6.33	6.32	6.63	6.95	7.10	6.90	6.82						
60	6.12	5.95	5.78	5.56	5.50	5.47	5.44	5.73	6.03	6.14	5.96	5.57						
65	5.05	4.92	4.78	4.59	4.55	4.52	4.49	4.74	4.99	5.07	4.72	4.96						
70	3.90	3.81	3.70	3.55	3.52	3.51	3.47	3.68	3.86	3.92	3.62	3.92						
75	2.69	2.65	2.58	2.48	2.47	2.47	2.42	2.58	2.70	2.72	2.47	2.67						
80	1.52	1.50	1.49	1.42	1.43	1.44	1.40	1.50	1.55	1.55	1.46	1.51						
85	0.54	0.54	0.56	0.51	0.54	0.55	0.51	0.58	0.57	0.57	0.52	0.52						
90	0.03	0.01	0.05	0.01	0.05	0.04	0.00	0.04	0.01	0.02	0.00	0.03						
95	0.00	0.00	0.01	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00						
100	0.00	0.01	0.01	0.02	0.02	0.05	0.00	0.00	0.01	0.00	0.00	0.00						
105	0.00	0.02	0.01	0.02	0.02	0.05	0.01	0.00	0.01	0.00	0.01	0.00						
110	0.00	0.03	0.01	0.03	0.02	0.05	0.02	0.00	0.02	0.00	0.02	0.00						
115	0.01	0.04	0.01	0.04	0.02	0.05	0.03	0.01	0.03	0.00	0.03	0.01						
120	0.01	0.04	0.01	0.05	0.02	0.05	0.04	0.01	0.04	0.01	0.04	0.03						
125	0.02	0.05	0.02	0.06	0.03	0.05	0.05	0.01	0.05	0.02	0.05	0.03						
130	0.02	0.06	0.03	0.06	0.03	0.06	0.06	0.03	0.05	0.03	0.06	0.05						
135	0.04	0.07	0.04	0.07	0.05	0.07	0.07	0.04	0.06	0.04	0.08	0.06						
140	0.04	0.07	0.04	0.08	0.05	0.08	0.08	0.04	0.08	0.05	0.09	0.07						
145	0.05	0.08	0.05	0.09	0.06	0.09	0.09	0.05	0.08	0.06	0.10	0.08						
150	0.05	0.09	0.06	0.11	0.06	0.09	0.09	0.06	0.09	0.07	0.11	0.09						
155	0.06	0.09	0.08	0.11	0.08	0.10	0.09	0.06	0.10	0.08	0.11	0.09						
160	0.07	0.09	0.08	0.11	0.08	0.10	0.09	0.08	0.10	0.09	0.11	0.10						
165	0.08	0.09	0.09	0.11	0.09	0.11	0.09	0.08	0.10	0.09	0.11	0.10						
170	0.08	0.09	0.10	0.11	0.10	0.11	0.09	0.08	0.10	0.10	0.11	0.10						
175	0.09	0.09	0.10	0.11	0.10	0.11	0.09	0.09	0.10	0.10	0.11	0.10						
180	0.09	0.09	0.10	0.11	0.11	0.11	0.09	0.09	0.10	0.11	0.11	0.10						

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

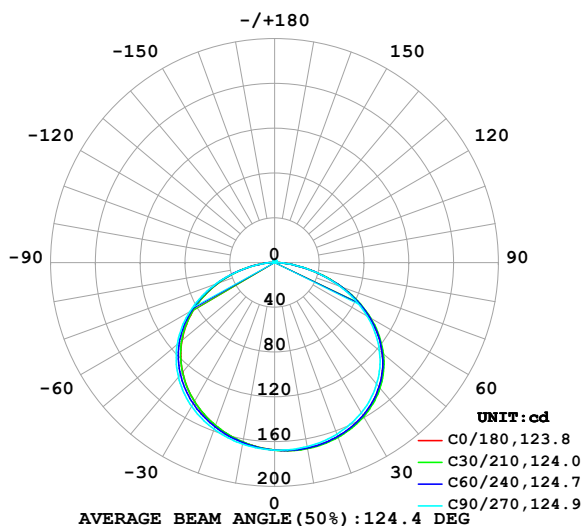
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.820m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

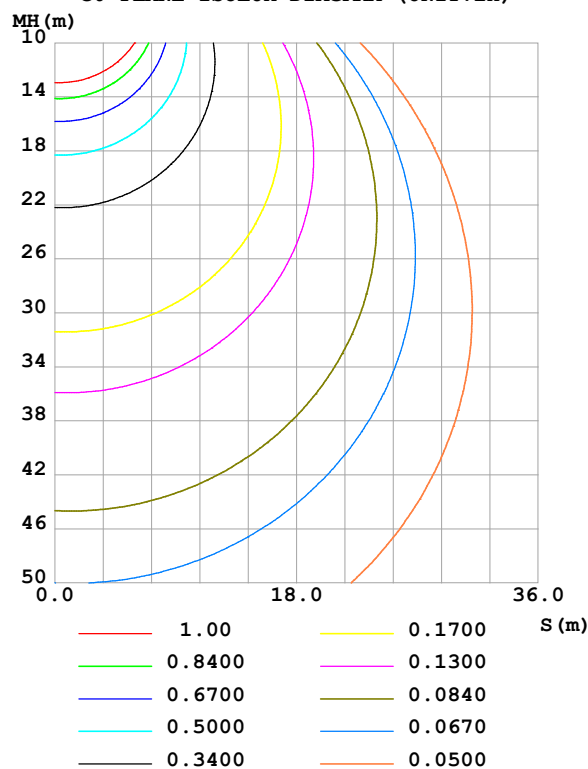
Test:U:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.11x1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 29.14 lm/W
MODEL	S012144CB3SB7 Mixed	Imax (cd)	168.8	S/MH(C0/180)	1.28	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.32	
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	557.11	η UP,DN(C0-180)	0.8,50.8	
NOMINAL FLUX(lm)	557.11	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,47.5	
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	12	η down (%)	98.3	CIBSE SHR MAX	1.55	

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	168.3	168.5	166.9	164.7	162.8	163.0	164.6	166.9	0- 10	15.90	15.90	2.85,2.85
20	165.5	165.6	163.0	158.7	154.8	155.4	158.4	162.6	10- 20	46.25	62.15	11.2,11.2
30	158.2	158.4	155.0	149.1	143.4	144.3	148.4	153.9	20- 30	72.21	134.4	24.1,24.1
40	145.3	145.8	141.8	135.1	127.9	129.5	133.7	140.0	30- 40	90.81	225.2	40.4,40.4
50	125.6	126.2	122.3	115.7	108.1	109.8	113.6	117.6	40- 50	98.87	324.0	58.2,58.2
60	97.96	98.70	95.48	90.16	83.20	84.53	87.33	89.85	50- 60	93.69	417.7	75,75
70	63.11	63.73	62.11	58.83	53.73	54.32	55.72	56.67	60- 70	74.29	492.0	88.3,88.3
80	25.66	25.85	25.83	25.58	23.13	22.59	22.29	23.07	70- 80	43.42	535.4	96.1,96.1
90	2.811	2.127	0.5835	3.007	2.684	2.047	1.197	2.648	80- 90	12.31	547.8	98.3,98.3
100	0.7922	0.7744	0.8355	0.9000	0.8643	0.8916	0.8675	0.9609	90-100	1.149	548.9	98.5,98.5
110	0.9681	1.014	1.102	1.146	1.138	1.173	1.163	1.112	100-110	1.033	549.9	98.7,98.7
120	1.234	1.263	1.350	1.409	1.422	1.454	1.426	1.357	110-120	1.225	551.2	98.9,98.9
130	1.501	1.518	1.613	1.665	1.692	1.718	1.681	1.615	120-130	1.338	552.5	99.2,99.2
140	1.771	1.792	1.880	1.935	1.955	1.983	1.948	1.883	130-140	1.361	553.9	99.4,99.4
150	2.023	2.050	2.153	2.189	2.200	2.219	2.185	2.142	140-150	1.268	555.1	99.6,99.6
160	2.264	2.282	2.373	2.417	2.408	2.415	2.391	2.372	150-160	1.043	556.2	99.8,99.8
170	2.462	2.484	2.542	2.581	2.563	2.558	2.545	2.561	160-170	0.6941	556.9	100,100
180	2.603	2.606	2.621	2.655	2.606	2.604	2.621	2.660	170-180	0.2462	557.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 274.39 lm

%lum = 49.3%

%lamp = 49.3%

Conical surface Flux(130deg): 458.14 lm

%lum = 82.2%

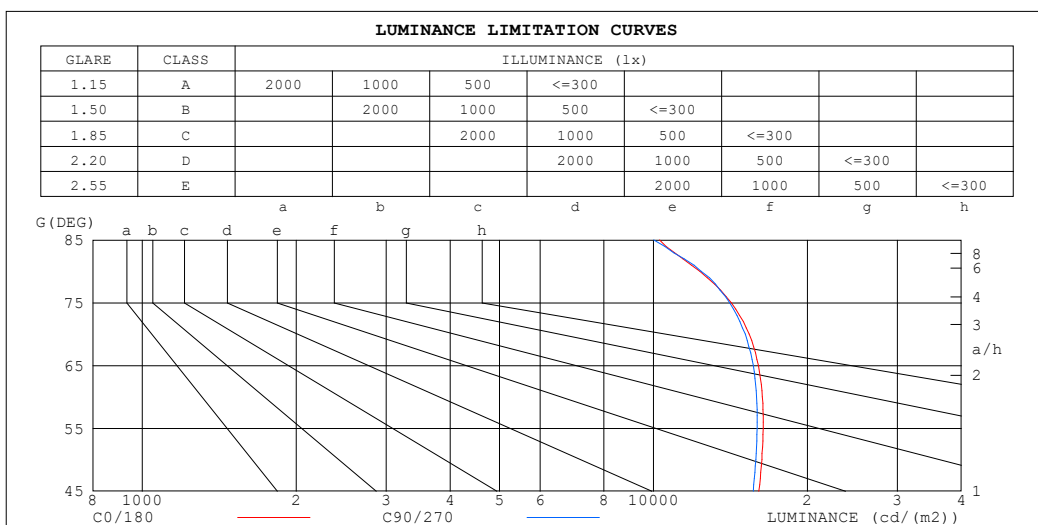
%lamp = 82.2%

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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.11x1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000×12MM	DIM.: 1000×12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×12MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	10282	10017
80	12316	12397
75	14202	14091
70	15382	15134
65	16044	15670
60	16331	15915
55	16391	15955
50	16293	15855
45	16079	15669

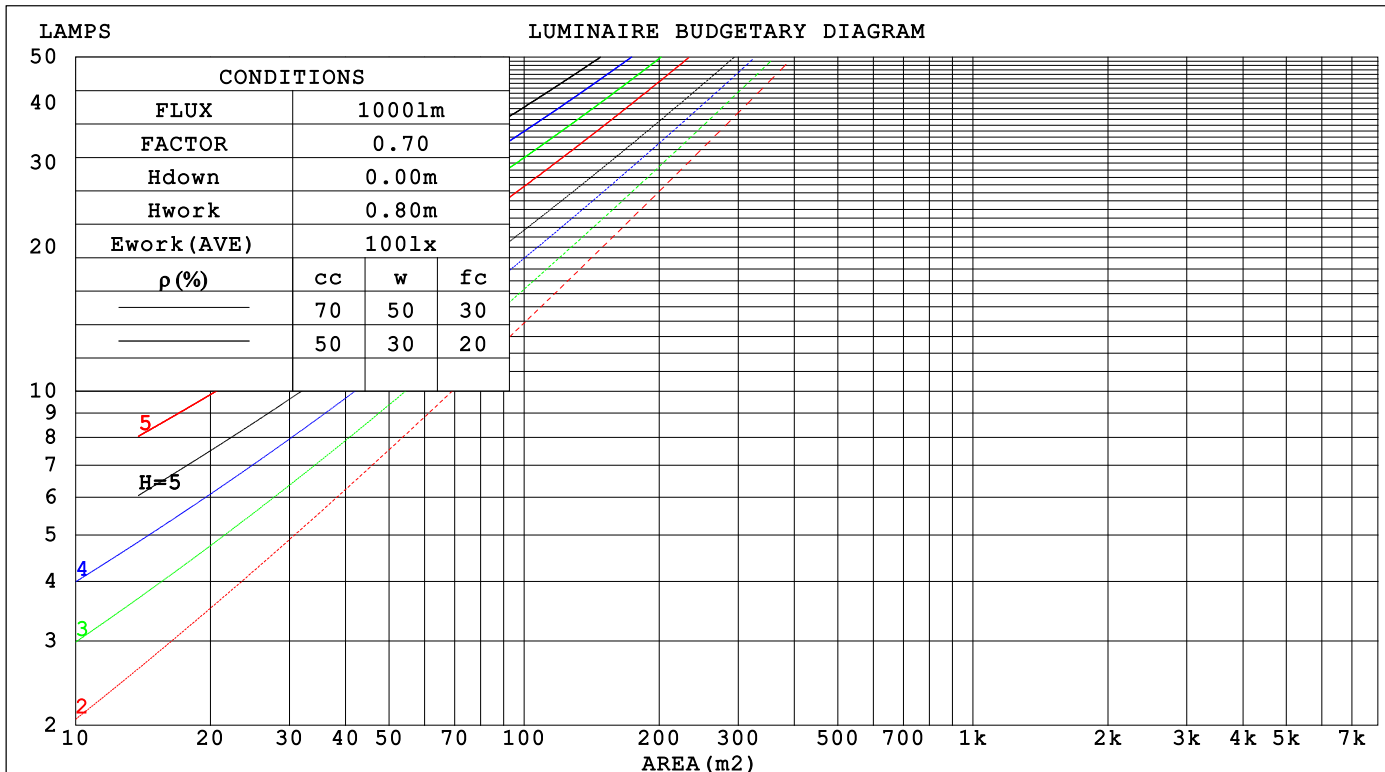
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-09

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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.1lx1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000×12MM	DIM.: 1000×12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×12MM	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															



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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.11x1 lm		
NAME: S012144CB3SB7 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	.323	.184	.058	.315	.180	.057	.301	.173	.055	.288	.166	.053	.276	.160	.051		
2.0	.302	.166	.051	.295	.163	.050	.283	.157	.049	.271	.152	.048	.260	.147	.046		
3.0	.279	.148	.044	.273	.146	.044	.261	.142	.043	.251	.137	.042	.241	.134	.041		
4.0	.256	.133	.039	.251	.131	.039	.241	.128	.038	.232	.124	.038	.223	.121	.037		
5.0	.236	.120	.035	.231	.119	.035	.223	.116	.034	.214	.113	.034	.206	.110	.033		
6.0	.219	.110	.031	.214	.108	.031	.206	.106	.031	.199	.103	.030	.192	.101	.030		
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.185	.095	.028	.179	.093	.027		
8.0	.189	.092	.026	.186	.091	.026	.179	.090	.026	.173	.088	.025	.168	.086	.025		
9.0	.177	.086	.024	.174	.085	.024	.168	.083	.024	.163	.082	.023	.158	.080	.023		
10.0	.166	.080	.022	.163	.079	.022	.158	.077	.022	.153	.076	.022	.149	.075	.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	.146	.166	.145	.126	.114	.100	.087	.065	.058	.051	.021	.019	.016		
2.0	.187	.145	.110	.160	.125	.095	.110	.086	.066	.063	.050	.039	.020	.016	.013		
3.0	.179	.127	.086	.154	.110	.075	.105	.076	.052	.061	.045	.031	.020	.014	.010		
4.0	.172	.114	.070	.147	.099	.061	.101	.069	.043	.059	.040	.025	.019	.013	.008		
5.0	.164	.104	.059	.141	.090	.052	.097	.063	.037	.056	.037	.022	.018	.012	.007		
6.0	.157	.096	.052	.135	.083	.045	.093	.058	.032	.054	.034	.019	.017	.011	.006		
7.0	.150	.089	.046	.129	.077	.040	.089	.054	.028	.052	.032	.017	.017	.010	.006		
8.0	.144	.083	.042	.124	.072	.036	.086	.051	.026	.050	.030	.015	.016	.010	.005		
9.0	.138	.078	.038	.118	.068	.033	.082	.048	.024	.048	.028	.014	.015	.009	.005		
10.0	.132	.074	.035	.114	.064	.031	.079	.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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz										
Lamp Flux:557.1lx1 lm										
NAME: S012144CB3SB7 Mixed					TYPE: LED			WEIGHT:		
SPEC.: 1000×12MM					DIM.: 1000×12MM			SERIAL No.:		
MFR.: iPixel LED					SUR.: 1000×12MM			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	25.0	26.5	25.3	26.8	27.0	24.9	26.4	25.2	26.7	26.9
3H	26.7	28.1	27.0	28.4	28.6	26.6	28.0	26.9	28.2	28.5
4H	27.3	28.7	27.6	28.9	29.2	27.2	28.6	27.5	28.8	29.1
6H	27.7	29.0	28.1	29.3	29.6	27.7	28.9	28.0	29.2	29.6
8H	27.9	29.1	28.2	29.4	29.7	27.8	29.0	28.1	29.3	29.7
12H	27.9	29.1	28.3	29.4	29.8	27.8	29.0	28.2	29.4	29.7
4H 2H	25.7	27.0	26.0	27.3	27.6	25.6	26.9	25.9	27.2	27.5
3H	27.5	28.7	27.9	29.0	29.4	27.4	28.6	27.8	28.9	29.3
4H	28.3	29.4	28.7	29.7	30.1	28.2	29.3	28.6	29.6	30.0
6H	28.8	29.8	29.2	30.2	30.6	28.7	29.7	29.2	30.1	30.5
8H	29.0	29.9	29.4	30.3	30.7	28.9	29.8	29.4	30.2	30.6
12H	29.1	29.9	29.5	30.3	30.8	29.0	29.9	29.5	30.3	30.7
8H 4H	28.5	29.4	29.0	29.8	30.3	28.5	29.4	28.9	29.8	30.2
6H	29.2	30.0	29.7	30.4	30.9	29.2	29.9	29.6	30.4	30.8
8H	29.5	30.1	30.0	30.6	31.1	29.4	30.1	29.9	30.5	31.0
12H	29.7	30.2	30.2	30.7	31.2	29.6	30.2	30.1	30.7	31.2
12H 4H	28.6	29.4	29.0	29.8	30.2	28.5	29.3	28.9	29.7	30.2
6H	29.3	29.9	29.8	30.4	30.9	29.2	29.9	29.7	30.3	30.8
8H	29.6	30.1	30.1	30.6	31.1	29.5	30.1	30.0	30.6	31.1
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 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 557.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.0)
Area: 0.012 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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.1lx1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

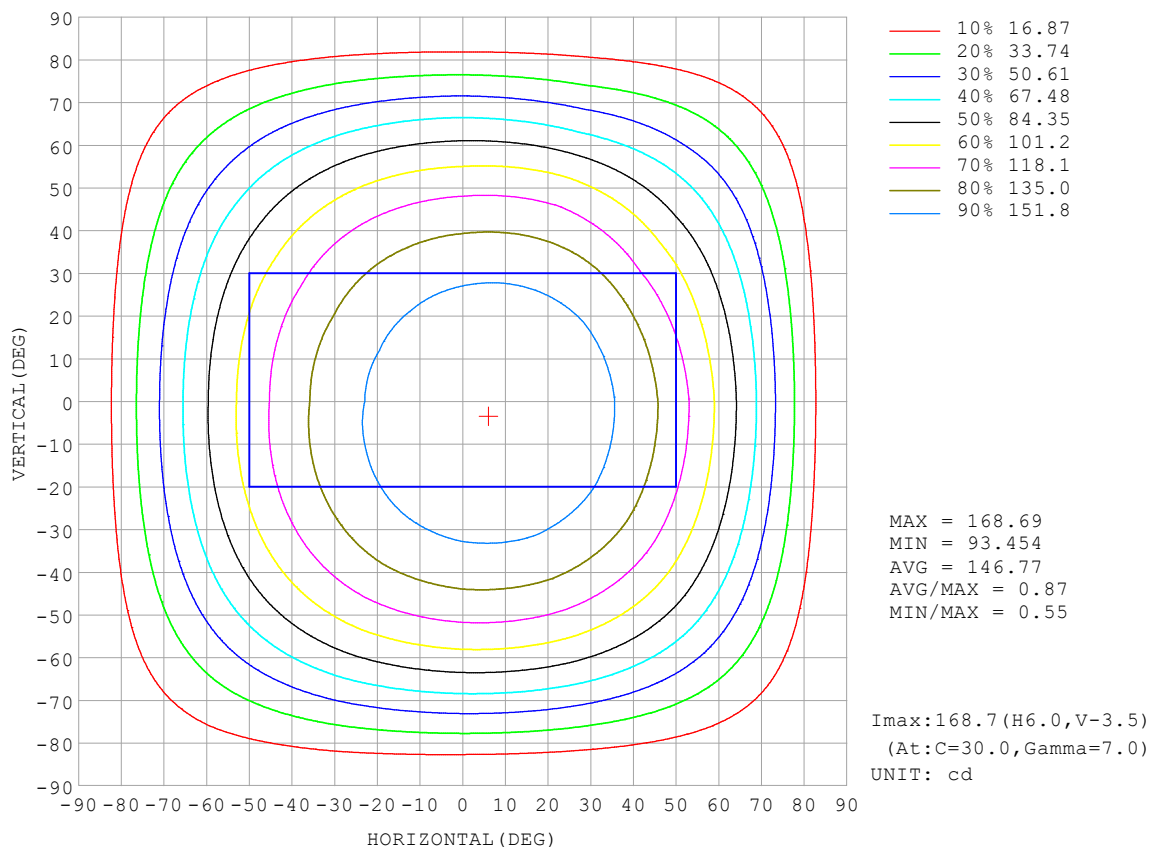
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	36	54	43	36	53	42	36	29
0.80	65	53	45	64	53	45	62	52	45	37
1.00	74	62	54	72	61	54	70	63	53	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	76	68	84	75	68	81	73	67	58
2.00	93	84	77	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	103	97	93	98	93	90	80
5.00	108	103	98	105	100	97	100	96	93	83
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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.11x1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000x12MM	DIM.: 1000x12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000x12MM	Shielding Angle:

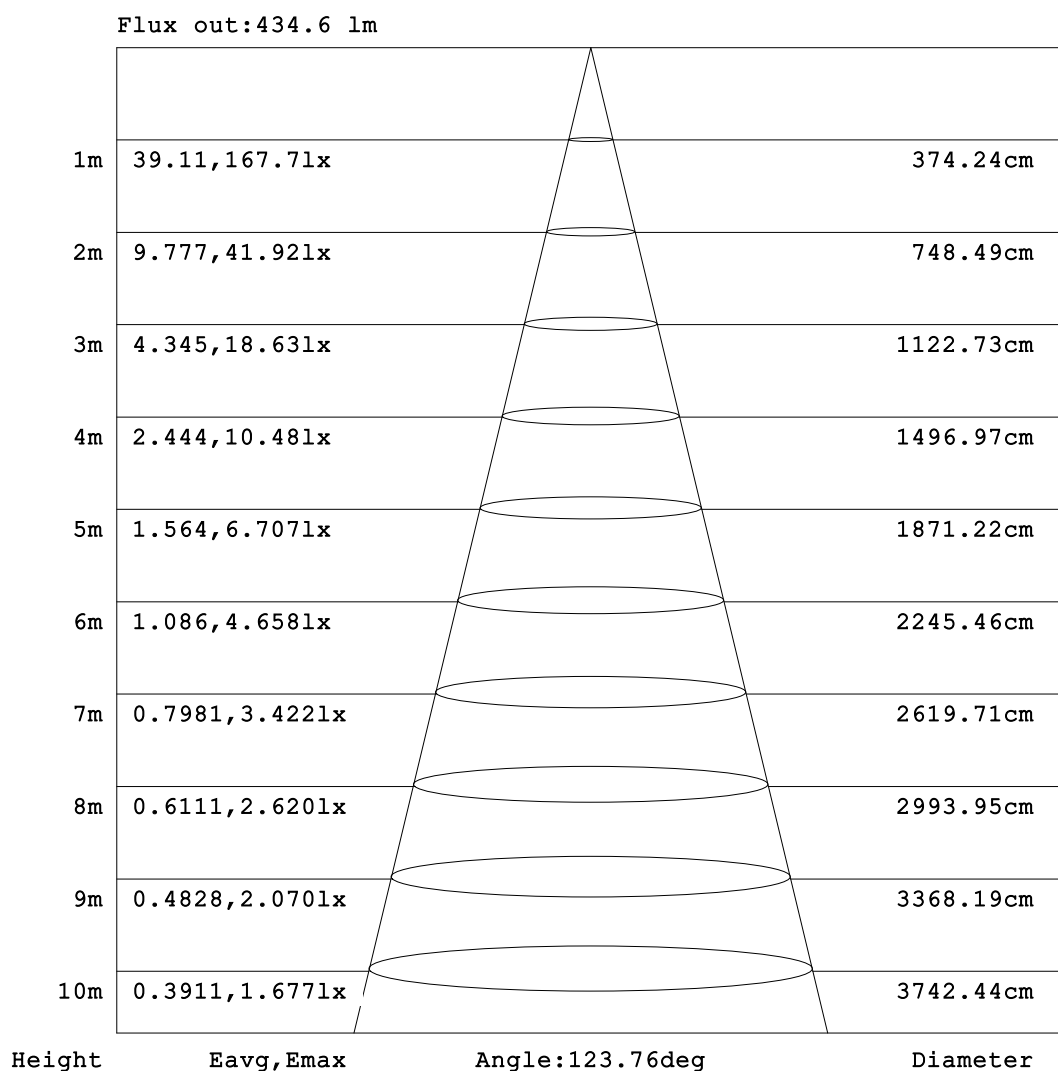


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:WHL
Test Date:2025-05-09

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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.1lx1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000×12MM	DIM.: 1000×12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×12MM	Shielding Angle:



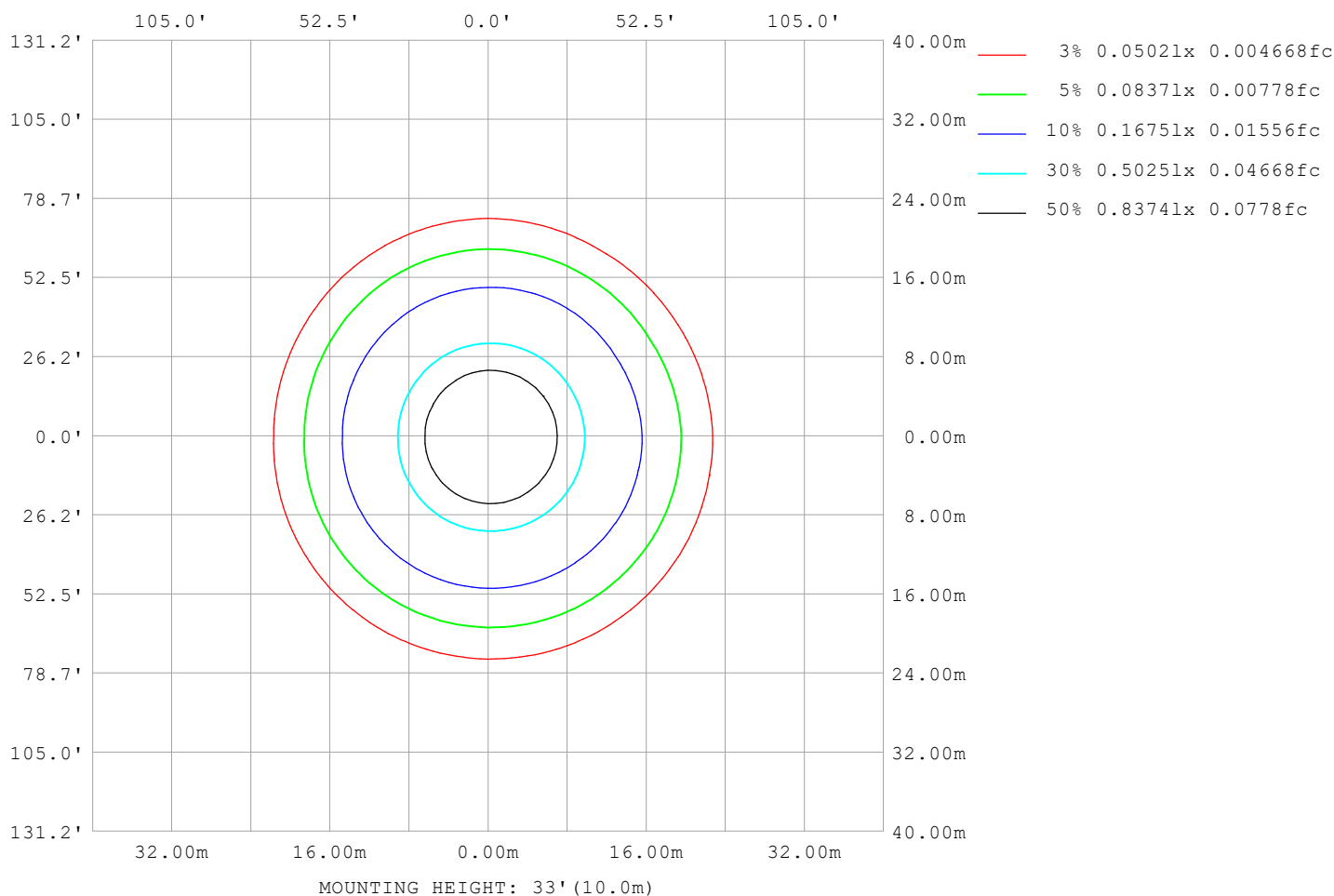
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.11x1 lm		
NAME: S012144CB3SB7 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:2025-05-09

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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.11x1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000×12MM	DIM.: 1000×12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×12MM	Shielding Angle:

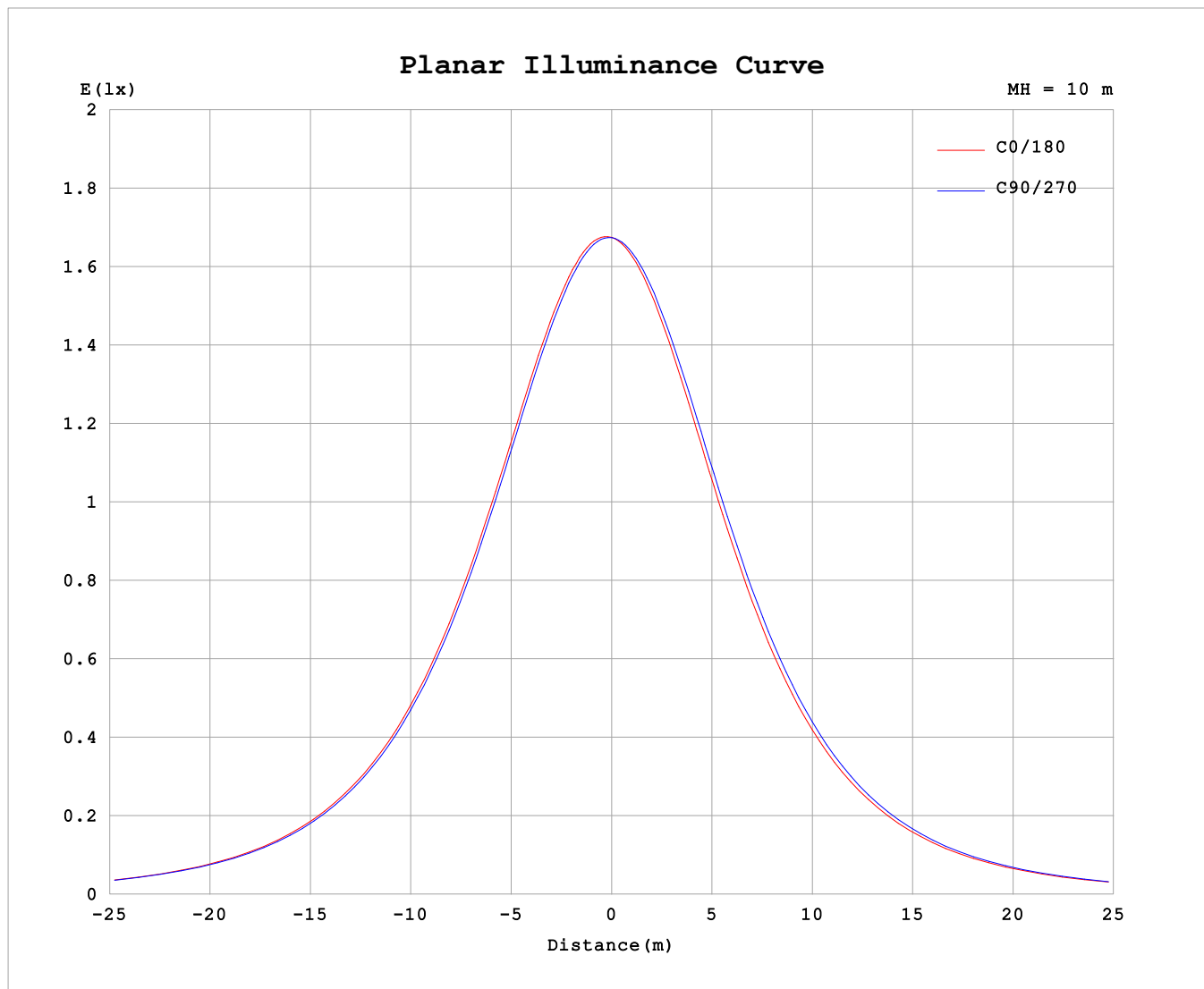
AvgL	cd/m2
L_0~180 (65) av	14819
L_0~180 (75) av	13247
L_0~180 (85) av	10132
L_90~270 (65) av	14942
L_90~270 (75) av	13271
L_90~270 (85) av	9234
L_45 (65) av	14801
L_45 (75) av	13231
L_45 (85) av	9919

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:11.999V I:1.5935A P:19.120W PF:1.0000 Freq:0Hz Lamp Flux:557.11x1 lm		
NAME: S012144CB3SB7 Mixed	TYPE: LED	WEIGHT:
SPEC.: 1000×12MM	DIM.: 1000×12MM	SERIAL No.:
MFR.: iPixel LED	SUR.: 1000×12MM	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	167	167	167	167	167	167	167	167	167	167	167	167							
5	168	169	168	168	167	166	166	166	166	166	167	168							
10	168	169	168	167	166	164	163	163	163	165	166	168							
15	167	168	167	165	163	161	159	159	160	162	164	166							
20	166	166	165	163	160	157	155	155	156	158	161	164							
25	162	163	162	159	156	152	150	149	151	154	157	160							
30	158	159	158	155	151	147	143	143	145	148	152	156							
35	153	154	152	149	145	140	136	136	139	142	146	150							
40	145	146	145	142	138	132	128	128	131	134	138	142							
45	136	138	136	133	129	123	119	119	122	124	129	131							
50	126	127	125	122	118	113	108	108	111	114	118	118							
55	113	114	113	110	106	101	96.2	96.5	99.2	101	105	106							
60	98.0	99.3	98.1	95.5	92.5	87.8	83.2	83.3	85.7	87.3	89.4	90.3							
65	81.3	82.4	81.5	79.5	77.0	73.1	69.0	69.0	71.0	72.1	71.9	75.0							
70	63.1	64.1	63.3	62.1	60.3	57.4	53.7	53.6	55.0	55.7	54.4	58.9							
75	44.1	44.8	44.4	43.8	43.0	41.0	38.2	37.8	38.6	38.7	37.9	41.3							
80	25.7	25.9	25.8	25.8	26.0	25.1	23.1	22.5	22.6	22.3	22.3	23.9							
85	10.8	10.7	10.4	10.5	11.6	11.6	10.4	9.69	9.24	8.84	9.44	10.2							
90	2.81	2.39	1.86	0.58	2.86	3.16	2.68	2.26	1.84	1.20	2.39	2.91							
95	0.97	0.70	0.72	0.70	0.84	0.90	0.77	0.78	0.80	0.72	1.16	0.93							
100	0.79	0.79	0.76	0.84	0.84	0.96	0.86	0.87	0.92	0.87	0.94	0.98							
105	0.85	0.88	0.89	0.97	0.97	1.07	1.00	1.01	1.06	1.01	1.02	0.97							
110	0.97	1.00	1.03	1.10	1.09	1.20	1.14	1.14	1.20	1.16	1.14	1.08							
115	1.10	1.14	1.14	1.22	1.24	1.32	1.28	1.29	1.34	1.29	1.28	1.19							
120	1.23	1.26	1.27	1.35	1.37	1.45	1.42	1.43	1.48	1.43	1.40	1.31							
125	1.36	1.39	1.39	1.48	1.51	1.55	1.56	1.56	1.60	1.55	1.52	1.44							
130	1.50	1.52	1.52	1.61	1.65	1.68	1.69	1.70	1.74	1.68	1.66	1.57							
135	1.64	1.65	1.65	1.74	1.78	1.83	1.82	1.83	1.88	1.82	1.79	1.71							
140	1.77	1.79	1.79	1.88	1.90	1.96	1.96	1.96	2.01	1.95	1.91	1.85							
145	1.90	1.92	1.92	2.01	2.03	2.09	2.08	2.08	2.13	2.07	2.05	1.98							
150	2.02	2.05	2.05	2.15	2.16	2.22	2.20	2.20	2.24	2.19	2.17	2.11							
155	2.15	2.17	2.17	2.26	2.28	2.34	2.30	2.30	2.34	2.30	2.28	2.24							
160	2.26	2.28	2.28	2.37	2.38	2.46	2.41	2.39	2.44	2.39	2.39	2.36							
165	2.37	2.39	2.39	2.46	2.46	2.55	2.49	2.47	2.51	2.47	2.48	2.46							
170	2.46	2.49	2.47	2.54	2.54	2.62	2.56	2.54	2.58	2.55	2.57	2.55							
175	2.54	2.57	2.55	2.61	2.60	2.67	2.61	2.59	2.61	2.60	2.63	2.64							
180	2.60	2.61	2.60	2.62	2.64	2.67	2.61	2.61	2.60	2.62	2.64	2.68							

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: