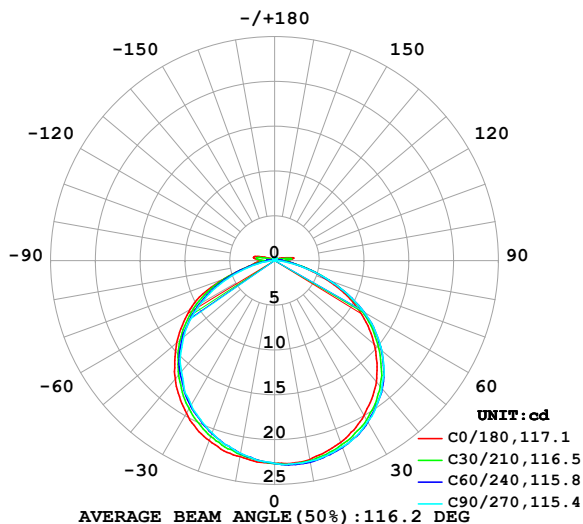


LUMINAIRE PHOTOMETRIC TEST REPORT

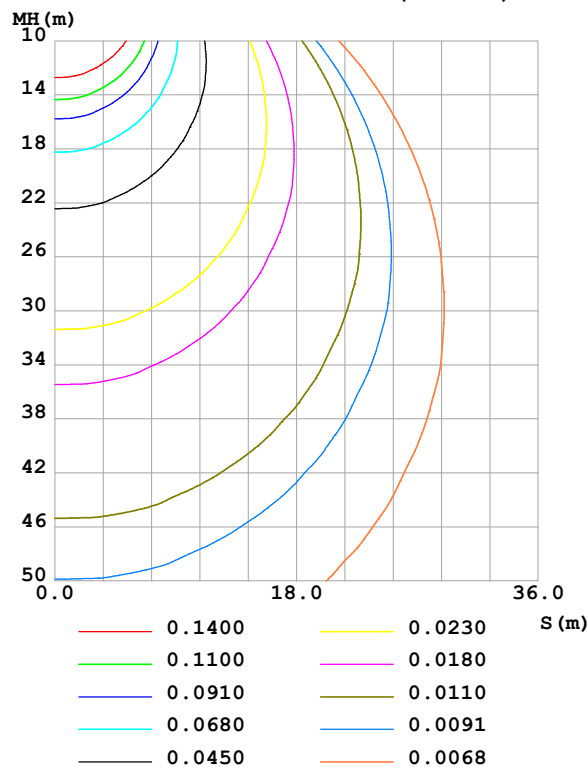
Test:U:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	S010030CA4SA1 G	Imax (cd)	22.88	S/MH(C0/180)	1.29
NOMINAL POWER(W)	7W	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	5	TOTAL FLUX(lm)	70.755	η UP,DN(C0-180)	2.3,49.9
NOMINAL FLUX(lm)	70.747	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.4,45.5
LAMPS INSIDE	1	η up (%)	4.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	5	η down (%)	95.3	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:2024-08-27

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	22.58	22.78	22.77	22.64	22.22	21.94	21.85	22.14	0- 10	2.150	2.150	3.04,3.04
20	21.59	22.04	22.14	22.04	21.38	20.71	20.46	20.98	10- 20	6.205	8.355	11.8,11.8
30	19.97	20.68	20.77	20.64	19.69	18.93	18.63	19.19	20- 30	9.557	17.91	25.3,25.3
40	17.71	18.53	18.64	18.41	17.25	16.57	16.20	16.88	30- 40	11.75	29.66	41.9,41.9
50	14.54	15.39	15.62	15.39	14.27	13.63	13.26	13.78	40- 50	12.42	42.08	59.5,59.5
60	10.75	11.42	11.54	11.51	10.92	9.983	9.462	9.986	50- 60	11.33	53.41	75.5,75.5
70	6.193	6.536	6.535	6.709	6.070	5.757	5.194	5.669	60- 70	8.380	61.79	87.3,87.3
80	2.373	2.370	1.992	2.384	2.459	2.097	1.627	2.127	70- 80	4.176	65.96	93.2,93.2
90	1.211	0.9438	0.1043	1.137	1.416	1.021	0.1190	0.8720	80- 90	1.489	67.45	95.3,95.3
100	1.997	1.003	0.1331	1.445	2.388	1.305	0.1242	0.9244	90-100	1.266	68.72	97.1,97.1
110	0.8616	0.3834	0.1726	0.4716	1.094	0.4614	0.1510	0.4318	100-110	0.8266	69.54	98.3,98.3
120	0.4289	0.2202	0.2028	0.2121	0.3383	0.2468	0.1905	0.2825	110-120	0.3401	69.88	98.8,98.8
130	0.2810	0.2236	0.2373	0.2269	0.2485	0.2539	0.2229	0.2578	120-130	0.2178	70.10	99.1,99.1
140	0.2704	0.2540	0.2768	0.2630	0.2917	0.2791	0.2588	0.2787	130-140	0.1979	70.30	99.4,99.4
150	0.2802	0.2935	0.3163	0.2936	0.3171	0.3139	0.2948	0.3036	140-150	0.1789	70.48	99.6,99.6
160	0.3133	0.3252	0.3465	0.3260	0.3566	0.3388	0.3307	0.3332	150-160	0.1465	70.62	99.8,99.8
170	0.3415	0.3484	0.3589	0.3485	0.3587	0.3516	0.3487	0.3494	160-170	0.0968	70.72	100,100
180	0.3566	0.3620	0.3631	0.3584	0.3602	0.3602	0.3595	0.3584	170-180	0.0338	70.76	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 35.894 lm

%lum = 50.7%

%lamp = 50.7%

Conical surface Flux(130deg): 58.084 lm

%lum = 82.1%

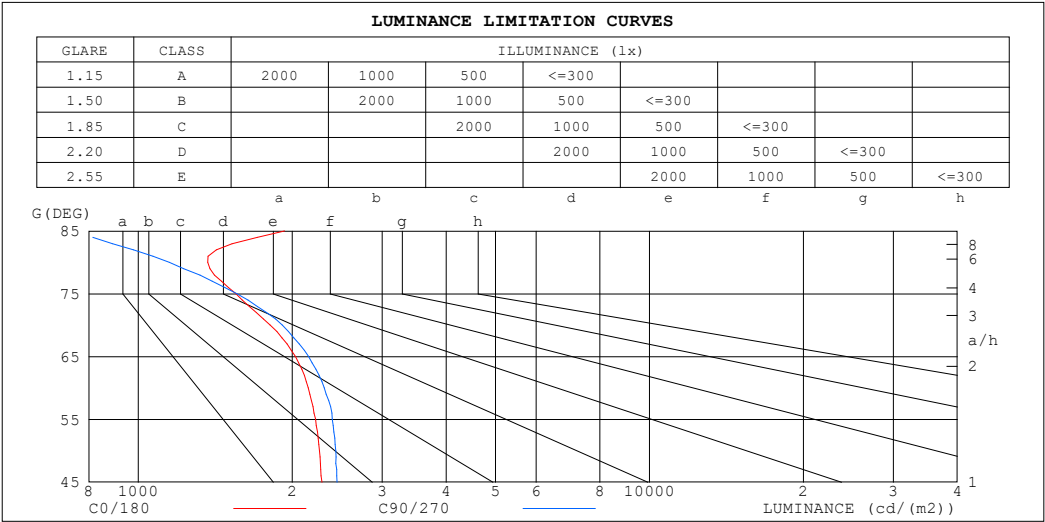
%lamp = 82.1%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LEIXIAOLAN
 Test Date:2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1931	742
80	1366	1149
75	1552	1560
70	1810	1914
65	2029	2152
60	2150	2311
55	2222	2396
50	2262	2435
45	2288	2447

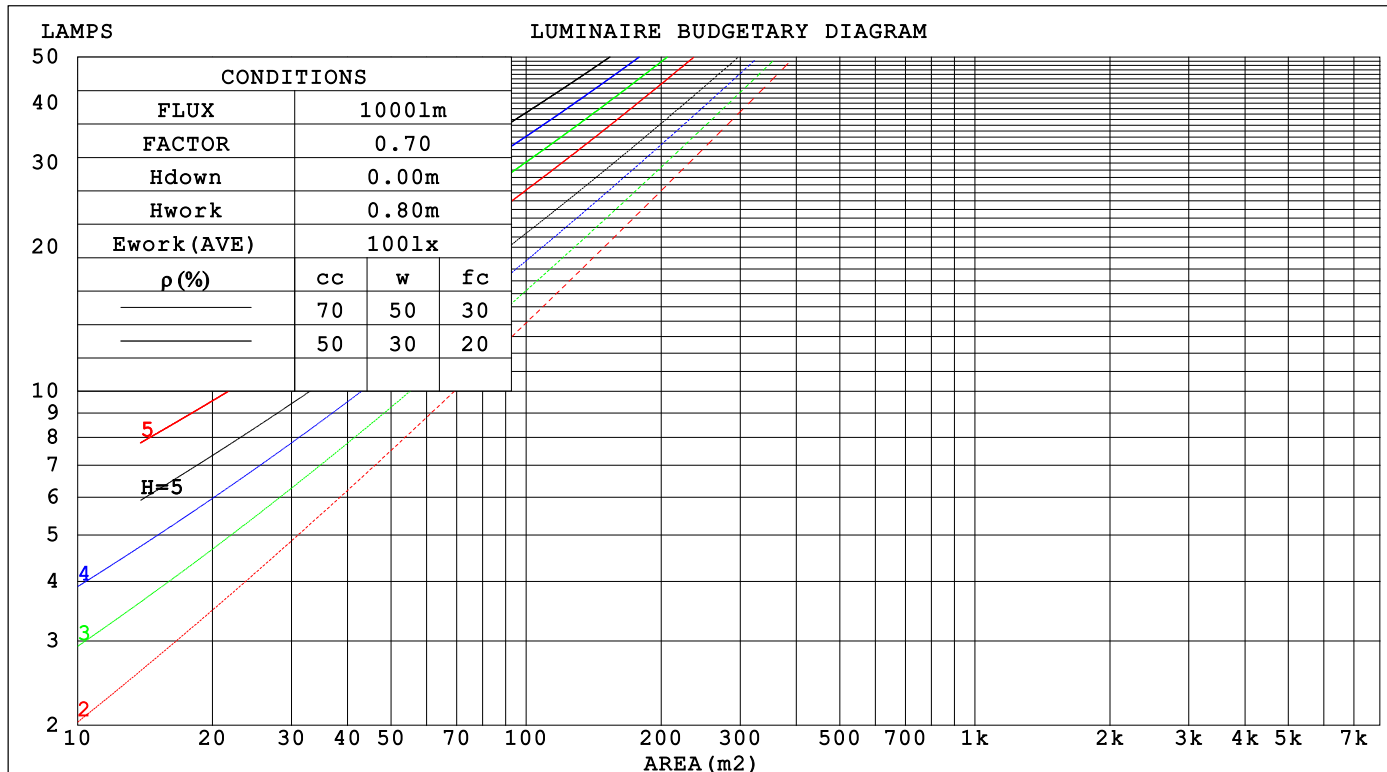
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	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	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.90	.88	.85	.86	.84	.82	.80
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.75	.72	.69	.66
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.66	.62	.58	.56
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.55	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.32	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.26	.38	.30	.25	.37	.30	.25	.35	.29	.25	.34	.29	.24	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	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	.308	.175	.056	.300	.171	.054	.284	.163	.052	.269	.155	.050	.256	.148	.048		
2.0	.289	.159	.049	.282	.155	.048	.268	.149	.046	.255	.143	.045	.243	.137	.043		
3.0	.268	.143	.043	.261	.140	.042	.249	.135	.041	.237	.130	.040	.226	.125	.039		
4.0	.248	.129	.038	.242	.126	.037	.230	.122	.036	.220	.118	.036	.210	.114	.035		
5.0	.229	.117	.034	.224	.115	.033	.214	.111	.033	.204	.108	.032	.195	.104	.031		
6.0	.213	.107	.030	.208	.105	.030	.199	.102	.030	.190	.099	.029	.182	.096	.028		
7.0	.198	.098	.028	.194	.096	.027	.185	.094	.027	.178	.091	.027	.170	.089	.026		
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.167	.084	.024	.160	.082	.024		
9.0	.173	.084	.023	.170	.083	.023	.163	.081	.023	.157	.079	.022	.151	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.075	.021	.148	.073	.021	.142	.072	.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	.226	.226	.226	.193	.193	.193	.132	.132	.132	.076	.076	.076	.024	.024	.024		
1.0	.216	.192	.170	.185	.165	.147	.126	.113	.101	.073	.066	.059	.023	.021	.019		
2.0	.208	.168	.134	.178	.145	.116	.122	.100	.081	.070	.058	.048	.023	.019	.015		
3.0	.200	.151	.111	.172	.130	.096	.118	.090	.067	.068	.053	.040	.022	.017	.013		
4.0	.193	.137	.095	.166	.119	.083	.114	.083	.058	.066	.048	.034	.021	.016	.011		
5.0	.186	.127	.084	.159	.110	.073	.110	.077	.052	.064	.045	.031	.021	.015	.010		
6.0	.179	.119	.076	.154	.103	.066	.106	.072	.047	.061	.042	.028	.020	.014	.009		
7.0	.172	.112	.070	.148	.097	.061	.102	.068	.043	.059	.040	.026	.019	.013	.009		
8.0	.166	.106	.066	.142	.092	.057	.099	.065	.041	.057	.038	.024	.019	.013	.008		
9.0	.159	.101	.062	.137	.088	.054	.095	.062	.039	.055	.037	.023	.018	.012	.008		
10.0	.154	.097	.059	.133	.084	.052	.092	.059	.037	.054	.035	.022	.017	.012	.007		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm										
NAME: ruan deng tiao					TYPE: LED			WEIGHT:		
SPEC.: S010030CA4SA1 G					DIM.: 1000X10mm			SERIAL No.:		
MFR.: iPixel LED					SUR.:			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	26.3	25.2	26.6	26.9	25.2	26.6	25.5	26.9	27.2
3H	26.2	27.6	26.6	27.9	28.2	26.5	27.8	26.9	28.2	28.5
4H	26.7	27.9	27.1	28.3	28.6	26.9	28.2	27.3	28.5	28.9
6H	27.0	28.2	27.4	28.5	28.9	27.1	28.3	27.5	28.7	29.0
8H	27.1	28.2	27.5	28.6	29.0	27.2	28.3	27.6	28.7	29.1
12H	27.2	28.3	27.6	28.7	29.1	27.1	28.3	27.6	28.6	29.0
4H 2H	25.5	26.8	25.9	27.1	27.5	25.7	27.0	26.1	27.3	27.7
3H	27.0	28.1	27.4	28.5	28.9	27.2	28.3	27.6	28.7	29.1
4H	27.5	28.6	28.0	29.0	29.4	27.7	28.7	28.2	29.1	29.6
6H	27.9	28.8	28.4	29.3	29.7	28.0	28.9	28.5	29.3	29.8
8H	28.1	28.9	28.6	29.4	29.9	28.1	28.9	28.6	29.4	29.9
12H	28.3	29.1	28.8	29.5	30.0	28.1	28.9	28.6	29.3	29.8
8H 4H	27.7	28.6	28.2	29.0	29.5	27.9	28.7	28.4	29.2	29.7
6H	28.2	28.9	28.8	29.4	30.0	28.3	29.0	28.8	29.5	30.0
8H	28.5	29.1	29.0	29.6	30.2	28.4	29.1	29.0	29.6	30.1
12H	28.8	29.3	29.4	29.9	30.4	28.5	29.1	29.1	29.6	30.2
12H 4H	27.7	28.5	28.2	29.0	29.5	27.9	28.6	28.4	29.1	29.6
6H	28.3	28.9	28.8	29.4	29.9	28.3	29.0	28.9	29.5	30.0
8H	28.6	29.1	29.1	29.6	30.2	28.5	29.0	29.1	29.6	30.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.3 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 70.75 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -9.2)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

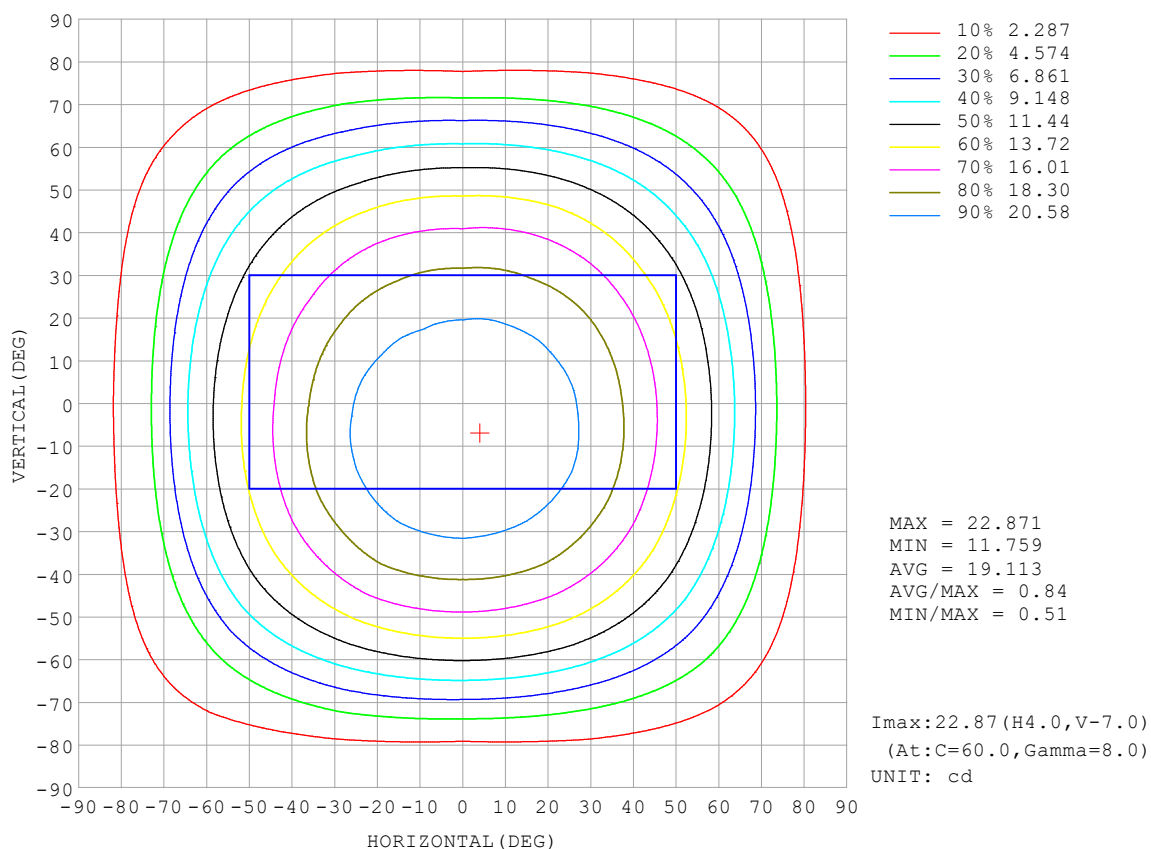
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	66	54	46	64	53	46	62	52	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	84	80	70
3.00	101	93	88	98	92	86	94	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	104	100	96	99	96	92	82
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: 2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

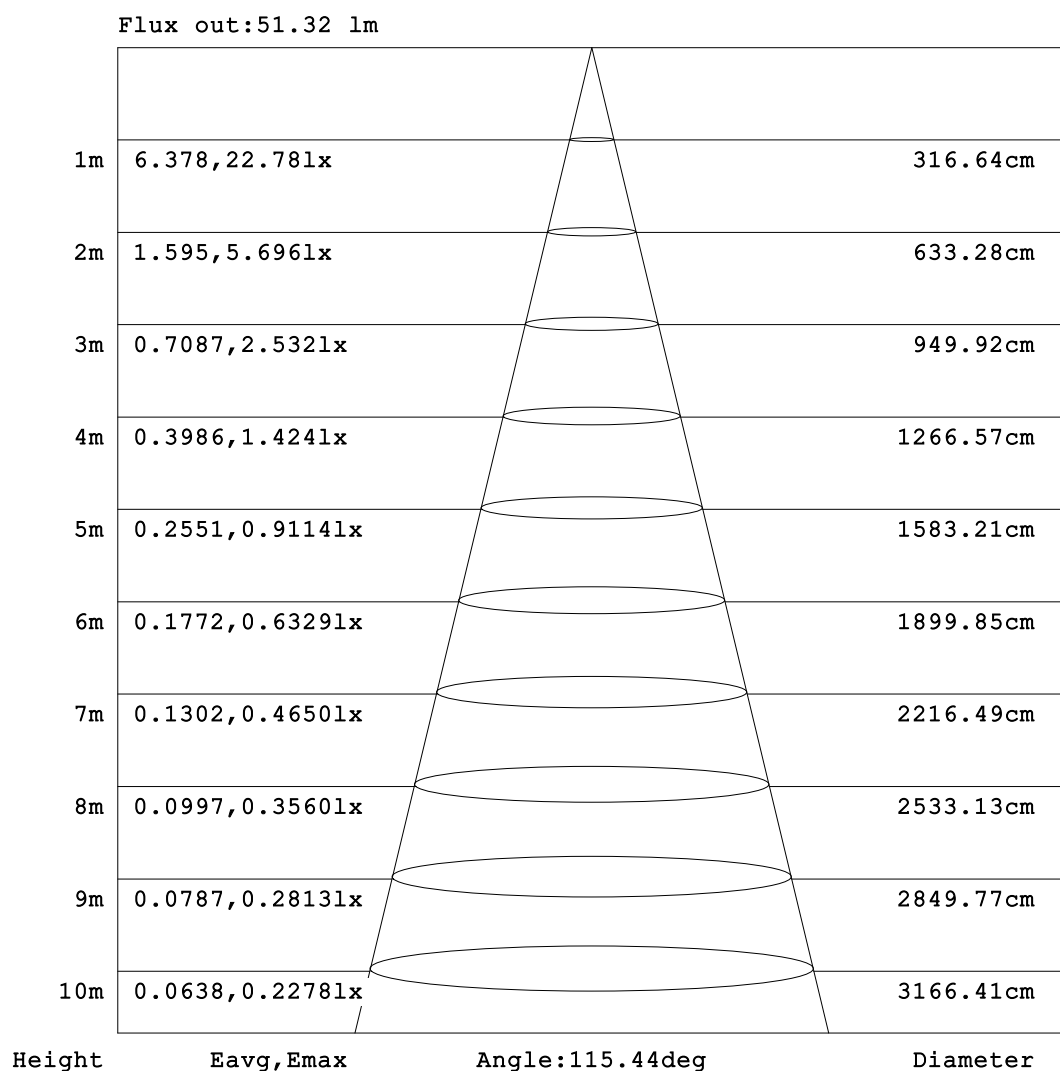


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:



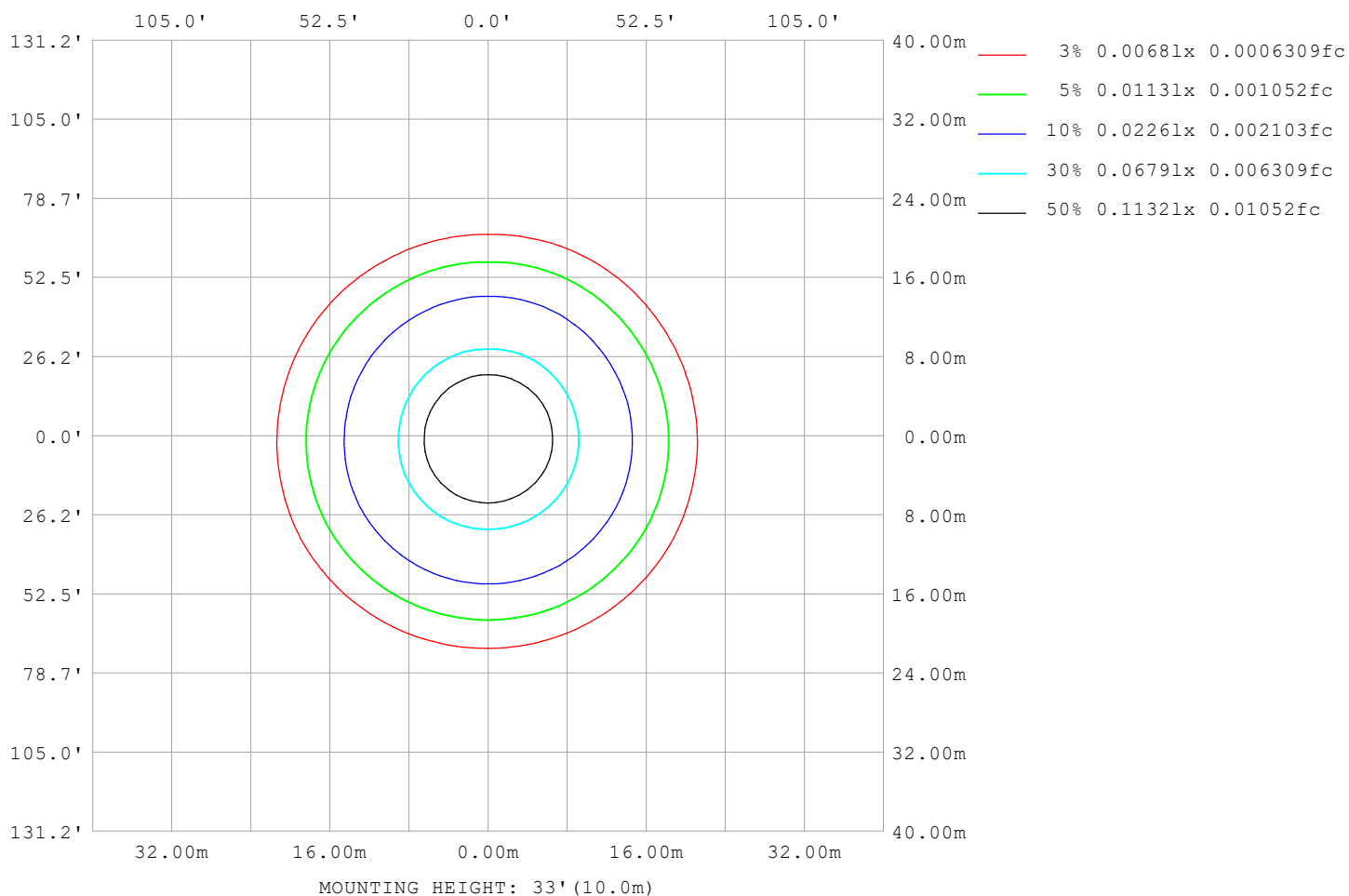
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LEIXIAOLAN
Test Date: 2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

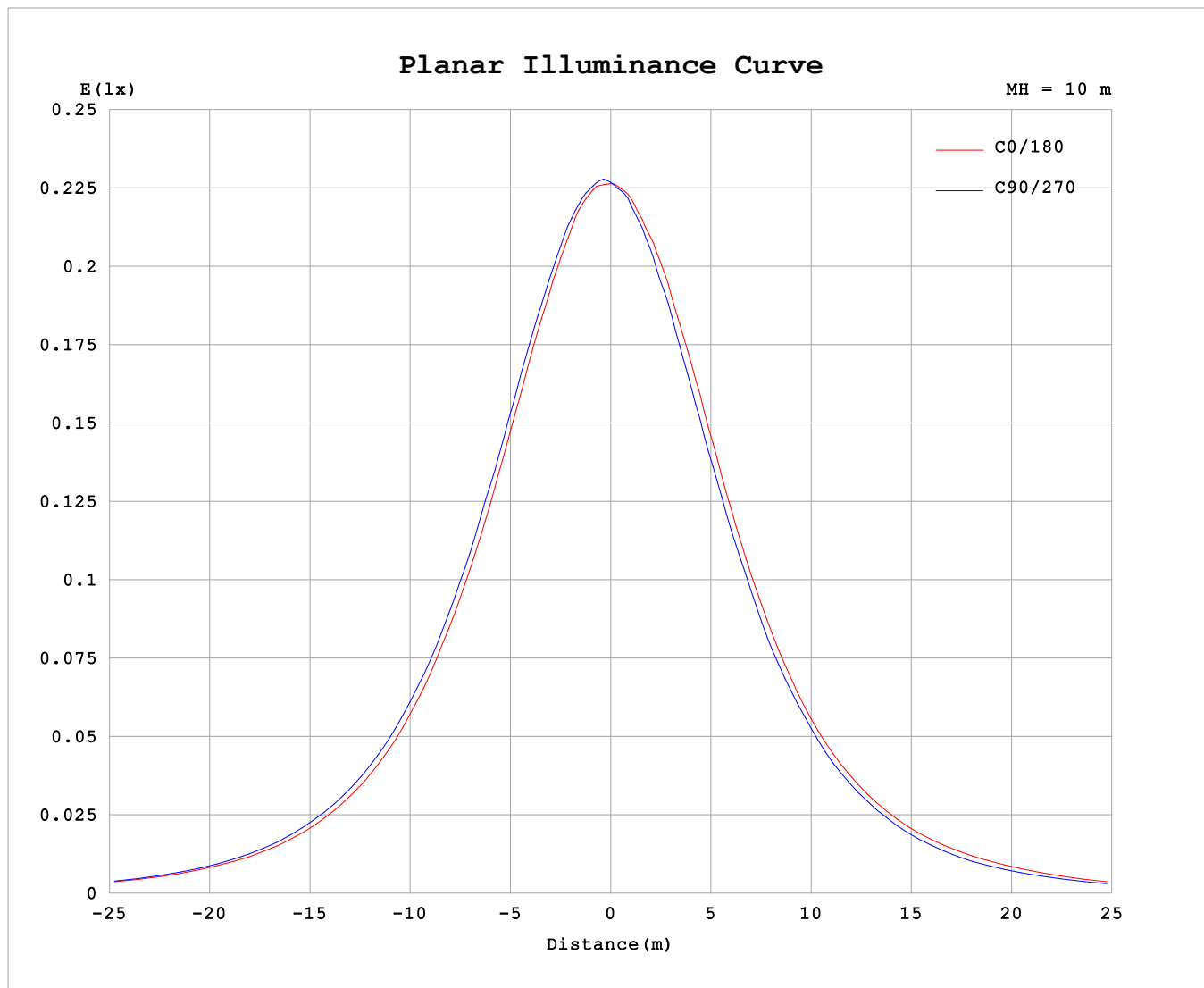
AvgL	cd/m2
L_0~180 (65) av	2061
L_0~180 (75) av	1486
L_0~180 (85) av	2029
L_90~270 (65) av	1947
L_90~270 (75) av	1396
L_90~270 (85) av	703
L_45 (65) av	2024
L_45 (75) av	1530
L_45 (85) av	1546

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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: LEIXIAOLAN
 Test Date: 2024-08-27

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:-113.00V I:0A P:0W PF:0.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:70.747x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA4SA1 G	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6						
5	22.7	22.8	22.9	22.8	22.8	22.7	22.6	22.3	22.3	22.4	22.4	22.6						
10	22.6	22.7	22.9	22.8	22.7	22.6	22.2	22.0	21.9	21.9	22.1	22.2						
15	22.1	22.4	22.5	22.5	22.5	22.4	22.0	21.5	21.3	21.3	21.5	21.7						
20	21.6	21.9	22.2	22.1	22.2	21.9	21.4	20.9	20.5	20.5	20.8	21.1						
25	20.9	21.3	21.7	21.6	21.6	21.3	20.7	20.0	19.6	19.6	20.0	20.3						
30	20.0	20.6	20.8	20.8	20.9	20.4	19.7	19.1	18.8	18.6	18.9	19.5						
35	18.9	19.6	19.8	19.8	19.9	19.5	18.5	18.0	17.7	17.6	17.8	18.4						
40	17.7	18.3	18.7	18.6	18.7	18.1	17.2	16.7	16.4	16.2	16.7	17.0						
45	16.2	16.9	17.2	17.3	17.3	16.7	15.8	15.3	15.1	14.9	15.3	15.6						
50	14.5	15.2	15.6	15.6	15.7	15.1	14.3	13.8	13.5	13.3	13.7	13.9						
55	12.7	13.4	13.7	13.7	13.7	13.3	12.6	12.1	11.6	11.5	11.8	12.1						
60	10.8	11.3	11.6	11.5	11.6	11.4	10.9	10.3	9.69	9.46	9.82	10.2						
65	8.58	9.01	9.08	9.08	9.23	9.28	8.84	8.30	7.68	7.37	7.73	8.03						
70	6.19	6.53	6.54	6.53	6.78	6.64	6.07	5.94	5.57	5.19	5.54	5.80						
75	4.02	4.24	4.18	4.03	4.34	4.08	3.67	3.67	3.61	3.20	3.58	3.78						
80	2.37	2.41	2.33	1.99	2.33	2.44	2.46	2.21	1.99	1.63	2.03	2.22						
85	1.68	1.48	1.13	0.65	1.20	1.79	1.85	1.60	1.01	0.58	1.00	1.43						
90	1.21	1.15	0.74	0.10	0.91	1.36	1.42	1.24	0.80	0.12	0.65	1.10						
95	1.81	1.78	0.84	0.12	1.12	2.03	2.04	1.88	0.91	0.12	0.70	1.60						
100	2.00	1.52	0.48	0.13	0.72	2.17	2.39	2.02	0.59	0.12	0.46	1.39						
105	1.27	0.90	0.26	0.15	0.30	1.43	1.84	1.31	0.25	0.13	0.26	0.91						
110	0.86	0.57	0.19	0.17	0.19	0.75	1.09	0.71	0.21	0.15	0.23	0.63						
115	0.59	0.29	0.19	0.19	0.18	0.41	0.63	0.41	0.21	0.17	0.22	0.43						
120	0.43	0.25	0.19	0.20	0.18	0.24	0.34	0.27	0.22	0.19	0.22	0.35						
125	0.33	0.24	0.19	0.22	0.19	0.23	0.25	0.24	0.24	0.20	0.23	0.28						
130	0.28	0.24	0.20	0.24	0.21	0.24	0.25	0.24	0.26	0.22	0.25	0.27						
135	0.27	0.26	0.22	0.26	0.23	0.26	0.27	0.24	0.28	0.24	0.27	0.27						
140	0.27	0.27	0.23	0.28	0.25	0.28	0.29	0.26	0.30	0.26	0.29	0.27						
145	0.27	0.29	0.26	0.29	0.26	0.29	0.30	0.27	0.31	0.28	0.31	0.28						
150	0.28	0.31	0.28	0.32	0.28	0.31	0.32	0.30	0.33	0.29	0.32	0.29						
155	0.30	0.33	0.29	0.33	0.30	0.32	0.34	0.31	0.35	0.32	0.35	0.30						
160	0.31	0.34	0.31	0.35	0.31	0.34	0.36	0.32	0.35	0.33	0.35	0.31						
165	0.33	0.36	0.32	0.36	0.32	0.36	0.36	0.33	0.36	0.34	0.36	0.33						
170	0.34	0.36	0.34	0.36	0.34	0.36	0.36	0.35	0.36	0.35	0.36	0.34						
175	0.35	0.36	0.35	0.36	0.35	0.36	0.36	0.35	0.36	0.35	0.36	0.35						
180	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.35						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-27

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

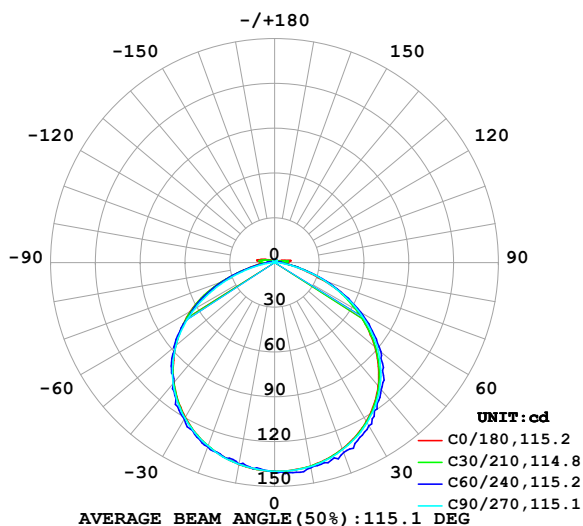
Test:U:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz

Lamp Flux:428.5x1 lm

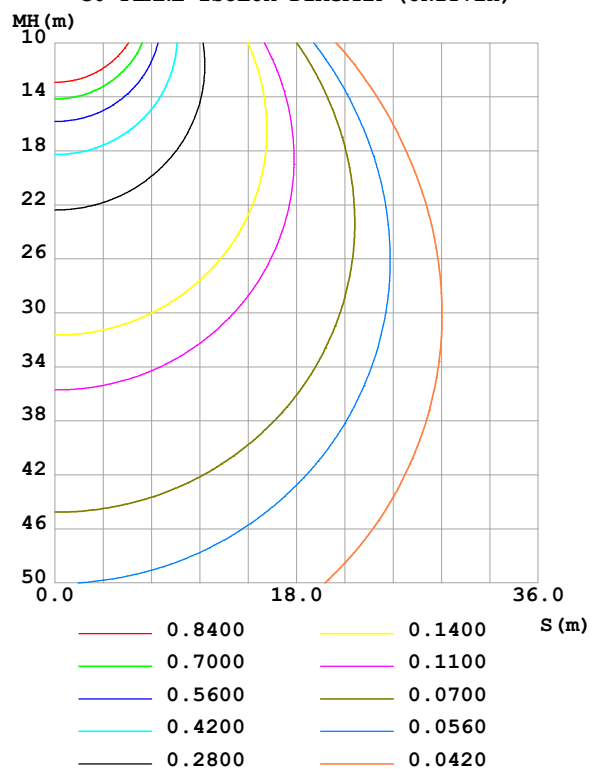
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 48.82 lm/W
MODEL	S010060CA4SA1 Mixed	Imax (cd)	143.8	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	13	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	5	TOTAL FLUX(lm)	428.50	η UP,DN(C0-180)	2.0,48.5	
NOMINAL FLUX(lm)	428.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.2,47.3	
LAMPS INSIDE	1	η up (%)	4.2	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	5	η down (%)	95.8	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:LINZINA
Test Date:2025-02-24

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	138.4	139.0	138.7	139.2	137.3	137.2	137.3	137.7	0- 10	13.28	13.28	3.1,3.1
20	132.8	134.1	133.3	134.6	130.6	130.9	130.7	131.9	10- 20	38.41	51.69	12.1,12.1
30	123.0	124.6	123.9	124.6	119.7	120.5	120.4	122.4	20- 30	59.04	110.7	25.8,25.8
40	108.0	109.7	109.7	108.6	105.0	105.3	105.8	108.5	30- 40	72.48	183.2	42.8,42.8
50	87.61	90.40	90.23	90.63	86.32	87.46	86.40	86.80	40- 50	76.10	259.3	60.5,60.5
60	63.61	64.78	64.84	65.97	65.19	64.00	61.84	62.84	50- 60	68.32	327.6	76.5,76.5
70	34.82	36.30	35.63	38.76	37.45	37.54	33.66	34.15	60- 70	50.08	377.7	88.1,88.1
80	11.93	12.63	10.90	13.99	14.30	13.57	10.28	12.09	70- 80	24.51	402.2	93.9,93.9
90	8.134	5.835	0.4185	6.180	8.592	6.214	0.3931	5.478	80- 90	8.411	410.6	95.8,95.8
100	9.500	5.123	0.5840	6.808	11.53	6.771	0.5660	4.893	90-100	6.837	417.5	97.4,97.4
110	4.285	1.805	0.8125	3.160	6.304	3.340	0.8122	1.542	100-110	4.216	421.7	98.4,98.4
120	1.290	1.049	1.020	1.797	3.691	1.913	1.044	1.053	110-120	1.963	423.6	98.9,98.9
130	1.203	1.209	1.242	1.267	1.390	1.289	1.276	1.253	120-130	1.207	424.8	99.1,99.1
140	1.430	1.419	1.470	1.496	1.484	1.520	1.509	1.491	130-140	1.055	425.9	99.4,99.4
150	1.663	1.636	1.709	1.735	1.696	1.737	1.734	1.740	140-150	0.9960	426.9	99.6,99.6
160	1.864	1.835	1.910	1.949	1.893	1.912	1.931	1.933	150-160	0.8351	427.7	99.8,99.8
170	2.030	2.008	2.072	2.115	2.069	2.146	2.085	2.091	160-170	0.5621	428.3	100,100
180	2.130	2.138	2.142	2.210	2.127	2.244	2.159	2.167	170-180	0.2027	428.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 221.49 lm

%lum = 51.7%

%lamp = 51.7%

Conical surface Flux(130deg): 355.62 lm

%lum = 83.0%

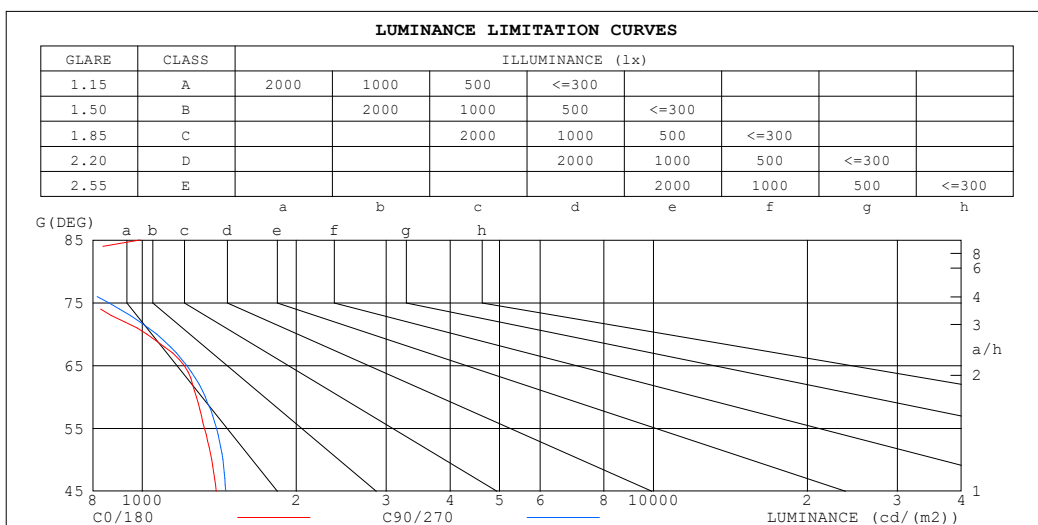
%lamp = 83.0%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	989	461
80	689	643
75	792	859
70	1020	1067
65	1208	1222
60	1275	1328
55	1323	1397
50	1366	1437
45	1395	1456

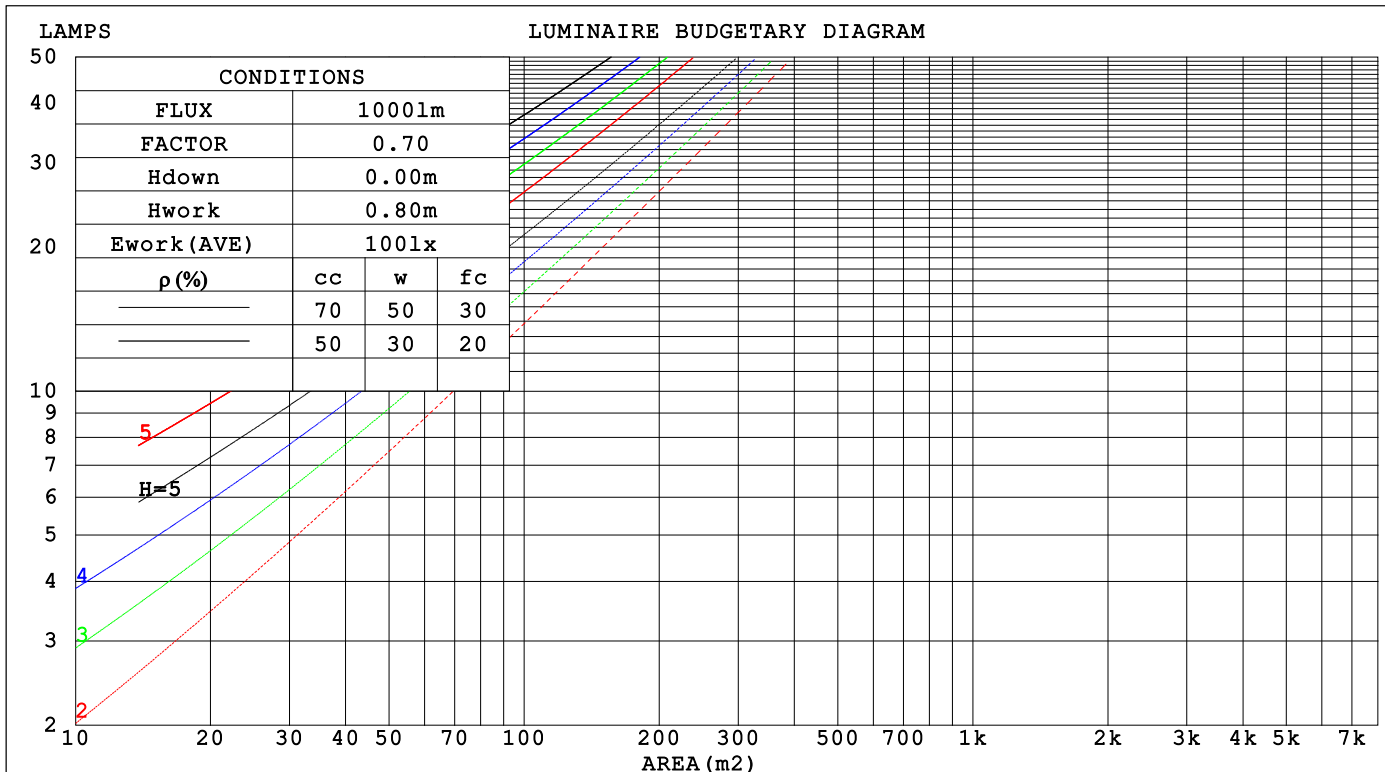
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	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	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96														
1.0	1.03	.99	.95	1.00	.97	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80														
2.0	.90	.83	.77	.88	.81	.76	.83	.78	.74	.80	.75	.72	.76	.72	.69	.67														
3.0	.79	.71	.64	.77	.70	.64	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56														
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.53	.62	.56	.51	.60	.55	.50	.48														
5.0	.62	.53	.47	.61	.53	.46	.58	.51	.45	.56	.50	.45	.54	.48	.44	.41														
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36														
7.0	.51	.42	.36	.50	.41	.36	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32														
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28														
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25														
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:LINZINA
Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	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	.305	.173	.055	.297	.169	.054	.281	.161	.051	.267	.154	.049	.253	.147	.047		
2.0	.287	.157	.048	.280	.154	.047	.266	.148	.046	.253	.142	.044	.241	.136	.043		
3.0	.266	.142	.042	.260	.139	.042	.247	.134	.041	.236	.129	.040	.225	.125	.039		
4.0	.246	.128	.038	.240	.126	.037	.229	.122	.036	.219	.118	.035	.209	.114	.035		
5.0	.228	.116	.034	.223	.114	.033	.213	.111	.033	.204	.107	.032	.195	.104	.031		
6.0	.212	.106	.030	.207	.105	.030	.198	.102	.030	.190	.099	.029	.182	.096	.028		
7.0	.197	.098	.028	.193	.096	.027	.185	.094	.027	.177	.091	.026	.170	.089	.026		
8.0	.184	.090	.025	.181	.089	.025	.173	.087	.025	.166	.084	.024	.160	.082	.024		
9.0	.173	.084	.023	.169	.083	.023	.163	.080	.023	.157	.079	.022	.151	.077	.022		
10.0	.163	.078	.022	.159	.077	.021	.153	.075	.021	.148	.073	.021	.142	.072	.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	.222	.222	.222	.190	.190	.190	.130	.130	.130	.074	.074	.074	.024	.024	.024		
1.0	.212	.188	.167	.181	.162	.144	.124	.111	.099	.071	.064	.058	.023	.021	.019		
2.0	.204	.164	.131	.175	.141	.113	.120	.098	.079	.069	.057	.046	.022	.018	.015		
3.0	.196	.147	.107	.168	.127	.093	.115	.088	.065	.067	.051	.038	.021	.017	.013		
4.0	.189	.133	.091	.162	.115	.079	.111	.080	.056	.064	.047	.033	.021	.015	.011		
5.0	.181	.123	.080	.156	.107	.070	.107	.074	.049	.062	.044	.029	.020	.014	.010		
6.0	.174	.115	.072	.150	.100	.063	.103	.070	.044	.060	.041	.026	.019	.013	.009		
7.0	.168	.108	.066	.144	.094	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008		
8.0	.161	.102	.062	.139	.089	.054	.096	.062	.038	.056	.037	.023	.018	.012	.008		
9.0	.155	.097	.058	.134	.085	.051	.093	.059	.036	.054	.035	.022	.017	.012	.007		
10.0	.150	.093	.056	.129	.081	.048	.090	.057	.034	.052	.034	.021	.017	.011	.007		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm										
NAME: S010060CA4SA1 Mixed					TYPE: LED			WEIGHT:		
SPEC.:					DIM.: 1000×10MM			SERIAL No.: 10104-1299-00		
MFR.: iPixel LED					SUR.: 1000×10MM			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	16.9	18.4	17.2	18.6	18.9	16.7	18.1	17.0	18.4	18.7
3H	18.2	19.5	18.5	19.8	20.1	18.0	19.3	18.3	19.6	19.9
4H	18.5	19.8	18.9	20.1	20.5	18.3	19.6	18.7	19.9	20.3
6H	18.7	19.9	19.1	20.3	20.6	18.5	19.7	18.9	20.1	20.4
8H	18.8	19.9	19.2	20.3	20.7	18.6	19.7	19.0	20.1	20.5
12H	18.9	20.0	19.3	20.4	20.7	18.6	19.7	19.0	20.1	20.4
4H 2H	17.4	18.7	17.8	19.0	19.4	17.3	18.5	17.6	18.8	19.2
3H	18.9	20.0	19.3	20.4	20.8	18.6	19.7	19.0	20.1	20.5
4H	19.3	20.4	19.8	20.7	21.2	19.1	20.1	19.6	20.5	20.9
6H	19.7	20.5	20.1	21.0	21.4	19.4	20.3	19.9	20.7	21.2
8H	19.8	20.6	20.2	21.0	21.5	19.5	20.3	19.9	20.7	21.2
12H	19.9	20.7	20.4	21.1	21.6	19.5	20.3	20.0	20.7	21.2
8H 4H	19.5	20.3	20.0	20.8	21.2	19.3	20.1	19.8	20.6	21.0
6H	19.9	20.6	20.4	21.1	21.6	19.7	20.4	20.2	20.8	21.4
8H	20.1	20.7	20.7	21.2	21.8	19.8	20.4	20.3	20.9	21.4
12H	20.4	20.9	20.9	21.4	22.0	19.9	20.4	20.4	20.9	21.5
12H 4H	19.5	20.2	20.0	20.7	21.2	19.3	20.0	19.8	20.5	21.0
6H	20.0	20.6	20.5	21.1	21.6	19.7	20.3	20.2	20.8	21.3
8H	20.2	20.7	20.7	21.2	21.8	19.9	20.4	20.4	20.9	21.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.5					+ 0.3 / - 0.3				

CIE Pub.117, 428.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.9)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000x10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000x10MM	Shielding Angle:

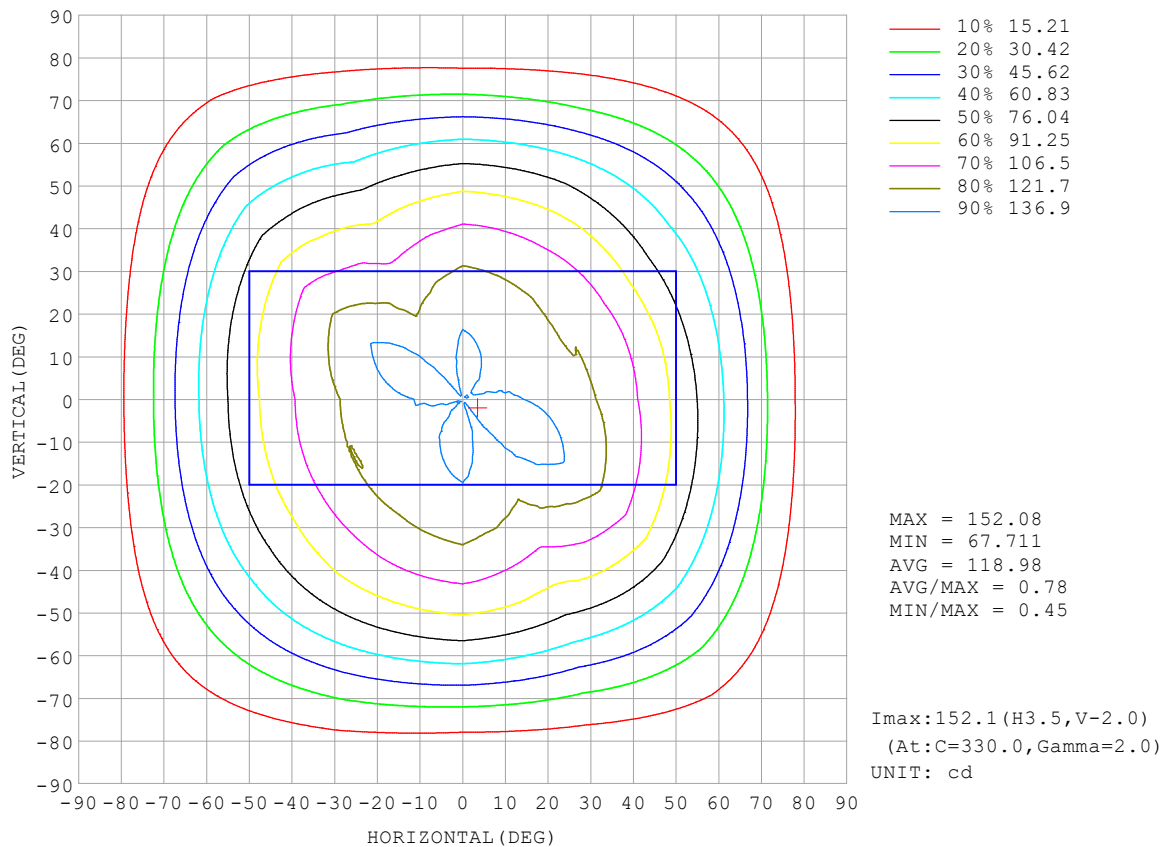
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	67
2.50	98	90	84	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	107	102	98	105	100	96	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: LINZINA
Test Date: 2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

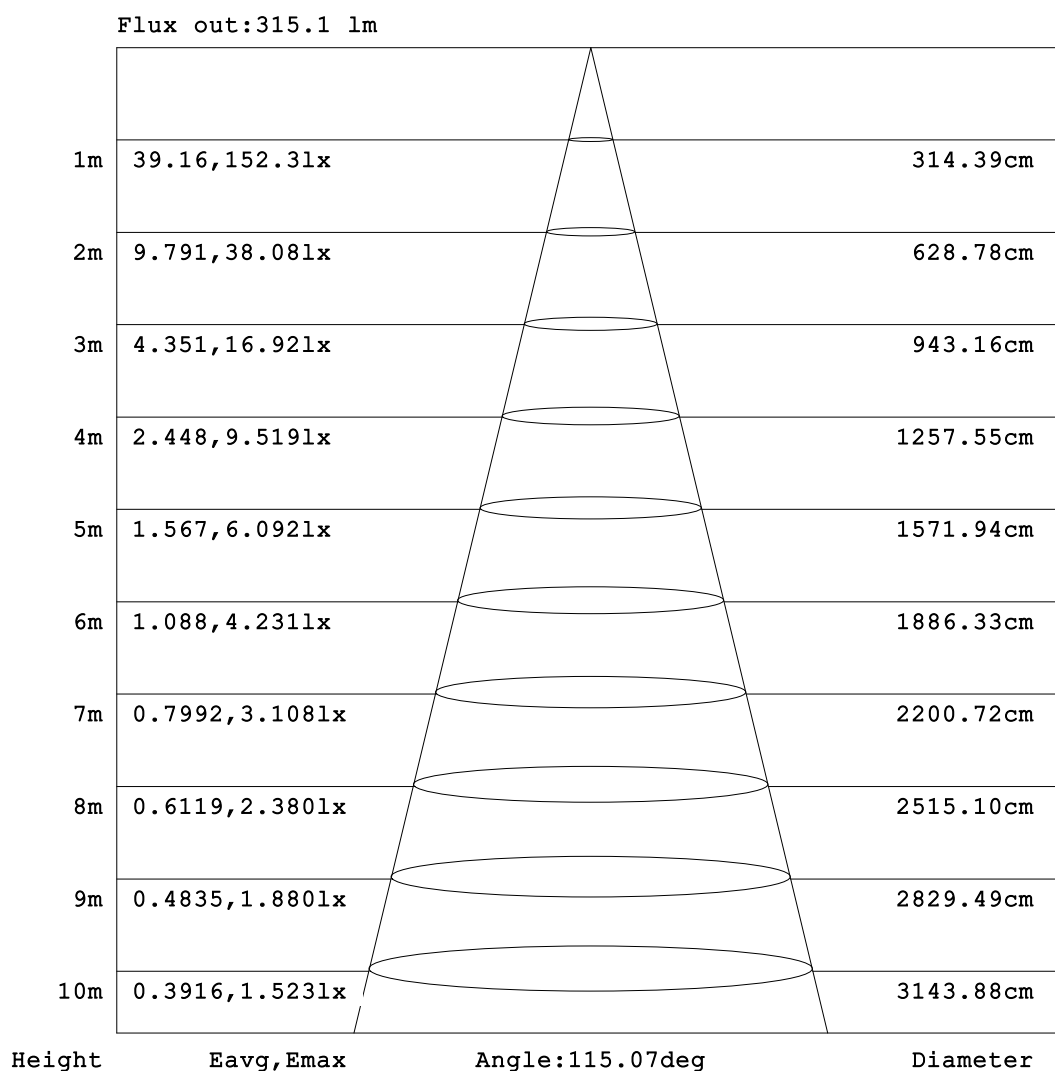


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:



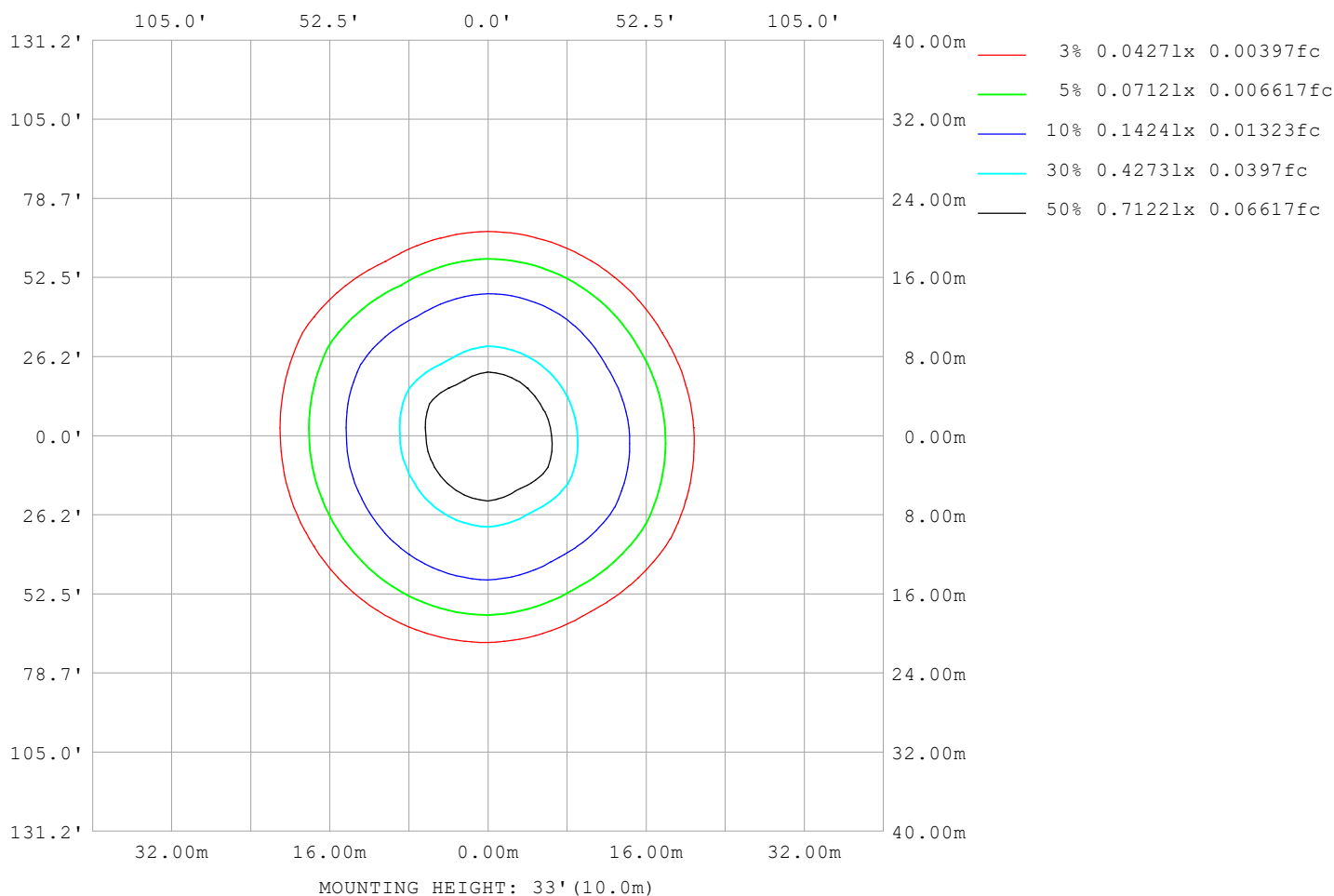
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LINZINA
 Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
MFR.: iPixel LED	SUR.: 1000×10MM	Shielding Angle:

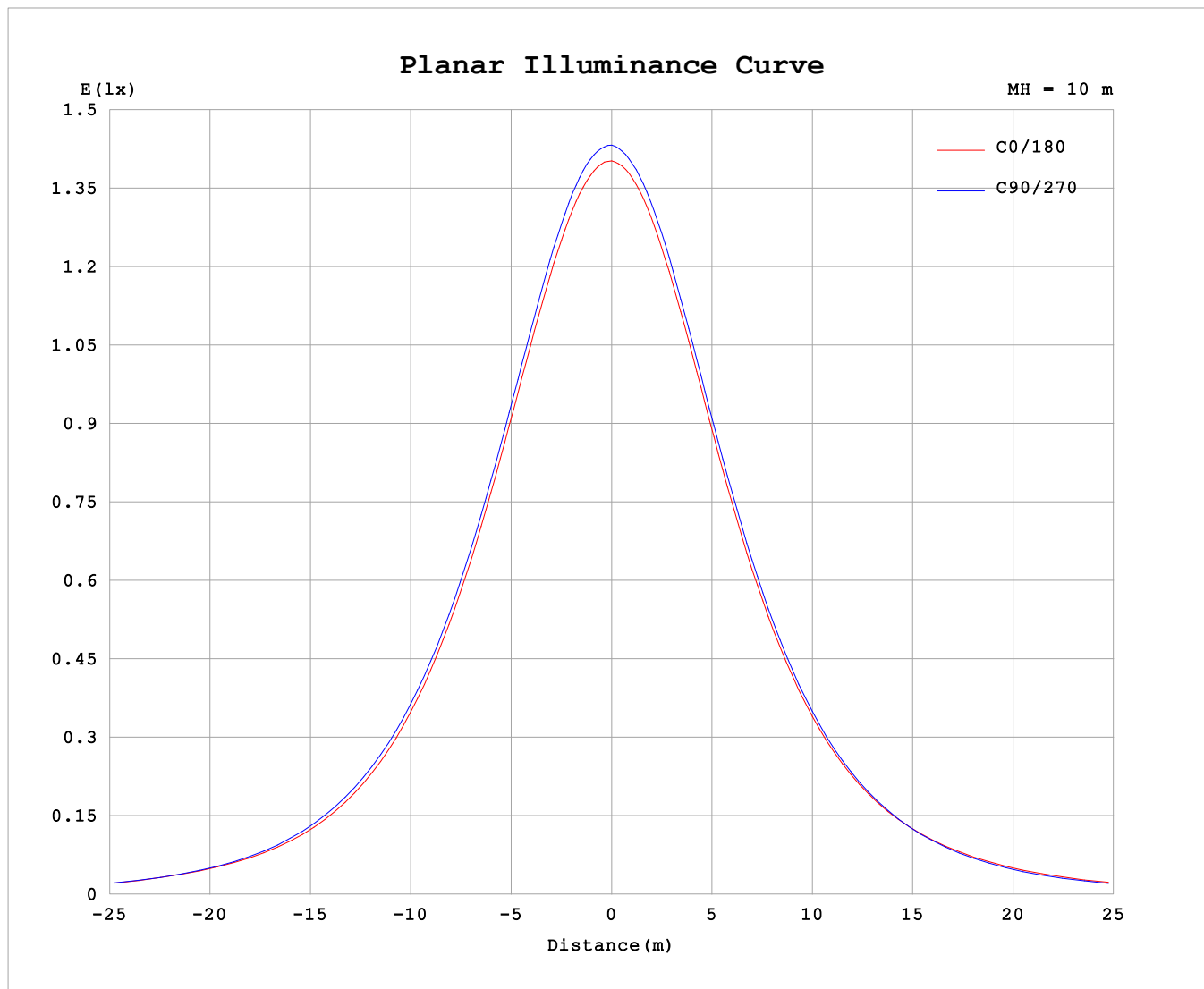
AvgL	cd/m2
L_0~180 (65) av	1223
L_0~180 (75) av	851
L_0~180 (85) av	1070
L_90~270 (65) av	1163
L_90~270 (75) av	815
L_90~270 (85) av	429
L_45 (65) av	1210
L_45 (75) av	904
L_45 (85) av	860

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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: LINZINA
Test Date: 2025-02-24

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:4.9998V I:1.7555A P:8.7772W PF:1.0000 Freq:49.99Hz Lamp Flux:428.5x1 lm		
NAME: S010060CA4SA1 Mixed	TYPE: LED	WEIGHT:
SPEC.:	DIM.: 1000×10MM	SERIAL No.: 10104-1299-00
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	140	140	140	140	140	140	140	140	140	140	140	140							
5	140	140	141	140	139	139	139	139	138	139	139	140							
10	138	138	140	139	138	140	137	137	137	137	137	138							
15	136	136	139	137	136	142	134	134	134	135	135	136							
20	133	133	135	133	133	137	131	131	131	131	131	132							
25	129	129	132	129	129	128	126	126	127	126	127	128							
30	123	123	126	124	123	126	120	120	121	120	121	124							
35	116	116	120	118	117	118	113	113	116	114	115	119							
40	108	108	111	110	109	108	105	105	105	106	107	110							
45	98.4	99.0	102	101	100	102	96.0	96.5	98.0	96.6	97.6	99.9							
50	87.6	88.2	93.0	90.2	90.0	91.3	86.3	86.7	88.3	86.4	87.1	86.5							
55	75.7	76.0	79.9	78.2	78.5	78.6	75.8	76.0	76.4	74.7	75.4	72.3							
60	63.6	62.9	67.0	64.8	65.8	66.1	65.2	64.4	63.5	61.8	62.5	63.2							
65	50.9	49.9	51.3	50.4	52.2	53.8	52.4	52.0	50.8	47.9	48.5	50.0							
70	34.8	35.9	36.7	35.6	38.0	39.6	37.5	38.0	37.0	33.7	32.8	35.5							
75	20.5	22.6	23.2	21.7	24.7	24.8	23.6	24.0	24.0	20.5	20.4	21.9							
80	11.9	12.7	12.5	10.9	13.7	14.3	14.3	13.8	13.3	10.3	11.7	12.5							
85	8.60	7.73	6.11	3.93	6.80	9.60	10.1	9.10	6.56	3.55	5.55	7.39							
90	8.13	7.27	4.17	0.42	4.41	8.01	8.59	7.76	4.42	0.39	3.84	7.18							
95	10.4	9.17	4.33	0.48	5.22	10.37	10.9	9.96	5.08	0.46	4.43	9.00							
100	9.50	7.51	2.34	0.58	3.65	10.08	11.5	9.42	3.69	0.57	2.25	7.63							
105	6.23	4.31	0.98	0.70	2.36	7.24	8.49	6.83	2.52	0.69	0.79	4.61							
110	4.29	2.60	0.88	0.81	1.30	5.09	6.30	4.97	1.44	0.81	0.85	2.26							
115	2.04	1.25	0.92	0.91	0.95	3.80	4.92	3.82	0.99	0.92	0.95	1.16							
120	1.29	1.09	1.00	1.02	1.02	2.60	3.69	2.64	1.07	1.04	1.06	1.04							
125	1.20	1.09	1.12	1.13	1.13	1.41	2.45	1.44	1.19	1.16	1.17	1.11							
130	1.20	1.19	1.23	1.24	1.24	1.30	1.39	1.27	1.31	1.28	1.29	1.22							
135	1.31	1.29	1.33	1.35	1.35	1.40	1.39	1.37	1.44	1.38	1.40	1.35							
140	1.43	1.39	1.45	1.47	1.46	1.53	1.48	1.48	1.57	1.51	1.52	1.46							
145	1.54	1.49	1.57	1.59	1.58	1.67	1.60	1.59	1.58	1.62	1.64	1.57							
150	1.66	1.59	1.69	1.71	1.69	1.78	1.70	1.70	1.78	1.73	1.75	1.73							
155	1.76	1.70	1.80	1.81	1.79	1.89	1.80	1.81	1.90	1.84	1.86	1.82							
160	1.86	1.78	1.90	1.91	1.89	2.01	1.89	1.90	1.92	1.93	1.96	1.91							
165	1.95	1.89	1.99	2.00	1.97	2.09	1.98	1.99	2.02	2.01	2.03	1.99							
170	2.03	1.95	2.07	2.07	2.05	2.18	2.07	2.06	2.24	2.09	2.12	2.06							
175	2.09	2.01	2.13	2.13	2.10	2.24	2.12	2.12	2.33	2.13	2.18	2.26							
180	2.13	2.06	2.23	2.14	2.15	2.27	2.13	2.15	2.36	2.16	2.22	2.11							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LINZINA
Test Date:2025-02-24

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: