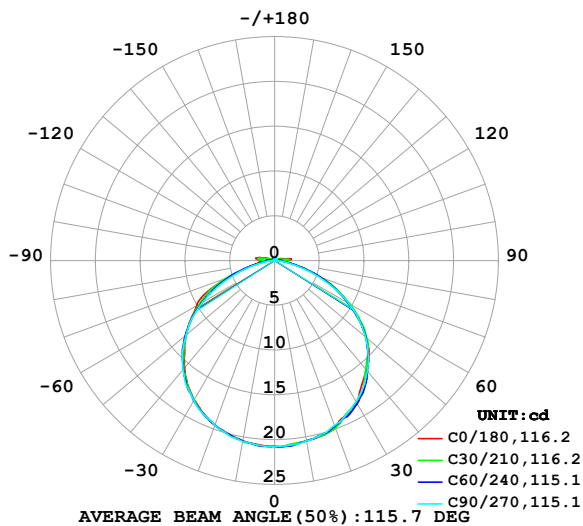


LUMINAIRE PHOTOMETRIC TEST REPORT

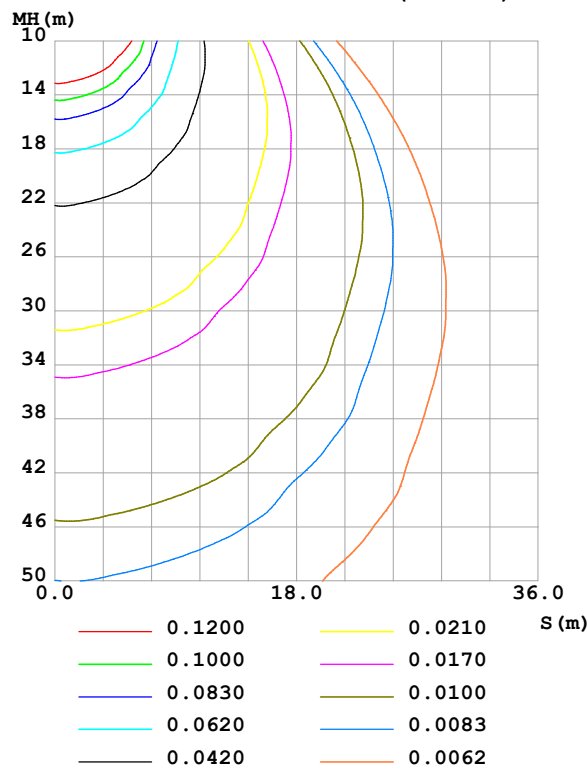
Test:U:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	DIM.: 1000x10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 16.57 lm/W
MODEL	S010060CA3SA1 R	Imax (cd)	20.81	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	12W	LOR(%)	100.0	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	5	TOTAL FLUX(lm)	63.483	η UP,DN(C0-180)	2.1,48.3	
NOMINAL FLUX(lm)	63.477	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.1,47.5	
LAMPS INSIDE	1	η up (%)	4.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	5	η down (%)	95.8	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℃
Operators:LIU YUAN FEN
Test Date:2024-08-23

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	20.44	20.46	20.45	20.44	20.43	20.49	20.54	20.41	0- 10	1.966	1.966	3.1,3.1
20	19.83	19.78	19.59	19.53	19.57	19.54	19.55	19.60	10- 20	5.683	7.649	12,12
30	18.37	18.34	18.20	18.04	17.96	18.02	18.03	18.19	20- 30	8.732	16.38	25.8,25.8
40	15.97	15.99	16.13	15.90	15.66	15.83	15.92	15.79	30- 40	10.70	27.08	42.7,42.7
50	13.35	13.39	13.26	13.06	12.90	12.96	12.95	13.13	40- 50	11.24	38.32	60.4,60.4
60	9.545	9.576	9.546	9.702	10.05	9.560	9.254	9.099	50- 60	10.18	48.50	76.4,76.4
70	5.503	5.492	5.185	5.722	5.618	5.573	4.966	5.101	60- 70	7.460	55.96	88.1,88.2
80	1.944	1.887	1.521	1.926	2.067	1.889	1.446	1.666	70- 80	3.604	59.56	93.8,93.8
90	1.210	0.9136	0.0685	1.058	1.420	1.036	0.0723	0.8329	80- 90	1.254	60.82	95.8,95.8
100	1.335	0.7078	0.1008	1.054	1.955	1.030	0.0648	0.6910	90-100	1.135	61.95	97.6,97.6
110	0.6489	0.3043	0.1333	0.2967	0.6621	0.2990	0.1008	0.3315	100-110	0.5793	62.53	98.5,98.5
120	0.3460	0.1813	0.1693	0.1717	0.2735	0.1802	0.1332	0.2257	110-120	0.2535	62.78	98.9,98.9
130	0.2162	0.1801	0.1995	0.1871	0.1911	0.1940	0.1635	0.1993	120-130	0.1703	62.95	99.2,99.2
140	0.2066	0.2143	0.2377	0.2159	0.2306	0.2161	0.2016	0.2189	130-140	0.1567	63.11	99.4,99.4
150	0.2234	0.2446	0.2629	0.2500	0.2594	0.2475	0.2304	0.2482	140-150	0.1448	63.25	99.6,99.6
160	0.2522	0.2723	0.2917	0.2799	0.2882	0.2774	0.2593	0.2766	150-160	0.1206	63.38	99.8,99.8
170	0.2774	0.2873	0.2973	0.2979	0.2964	0.2882	0.2809	0.2943	160-170	0.0801	63.46	100,100
180	0.2955	0.2972	0.2989	0.3022	0.3027	0.2972	0.2989	0.3040	170-180	0.0281	63.48	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 32.718 lm

%lum = 51.5%

%lamp = 51.5%

Conical surface Flux(130deg): 52.657 lm

%lum = 82.9%

%lamp = 83.0%

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:LIU YUAN FEN

Test Date:2024-08-23

 γ Range: 0 - 180DEG γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488

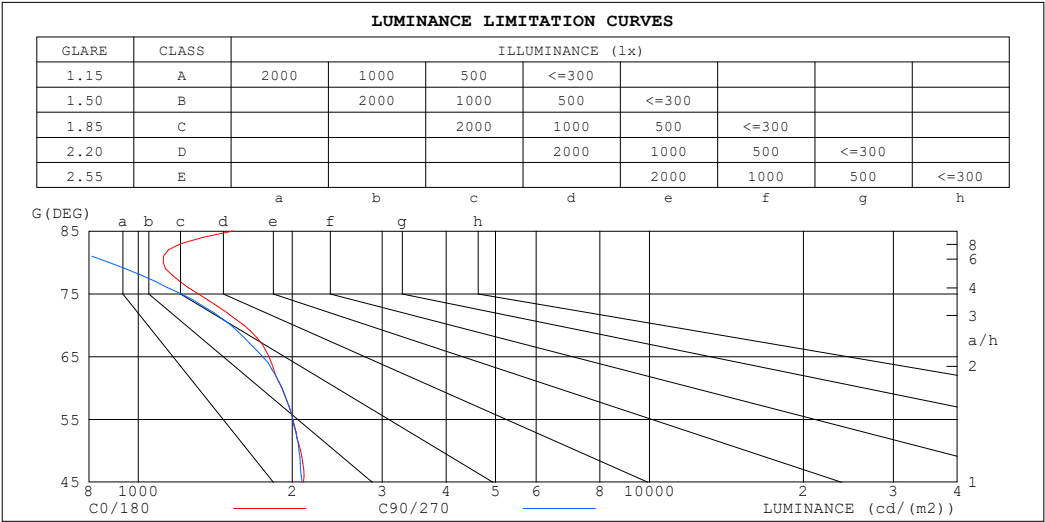
Humidity:65.0%

Test Distance:6.820m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	DIM.: 1000x10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1534	560
80	1119	876
75	1308	1211
70	1608	1516
65	1800	1750
60	1908	1909
55	2005	2005
50	2075	2062
45	2105	2091

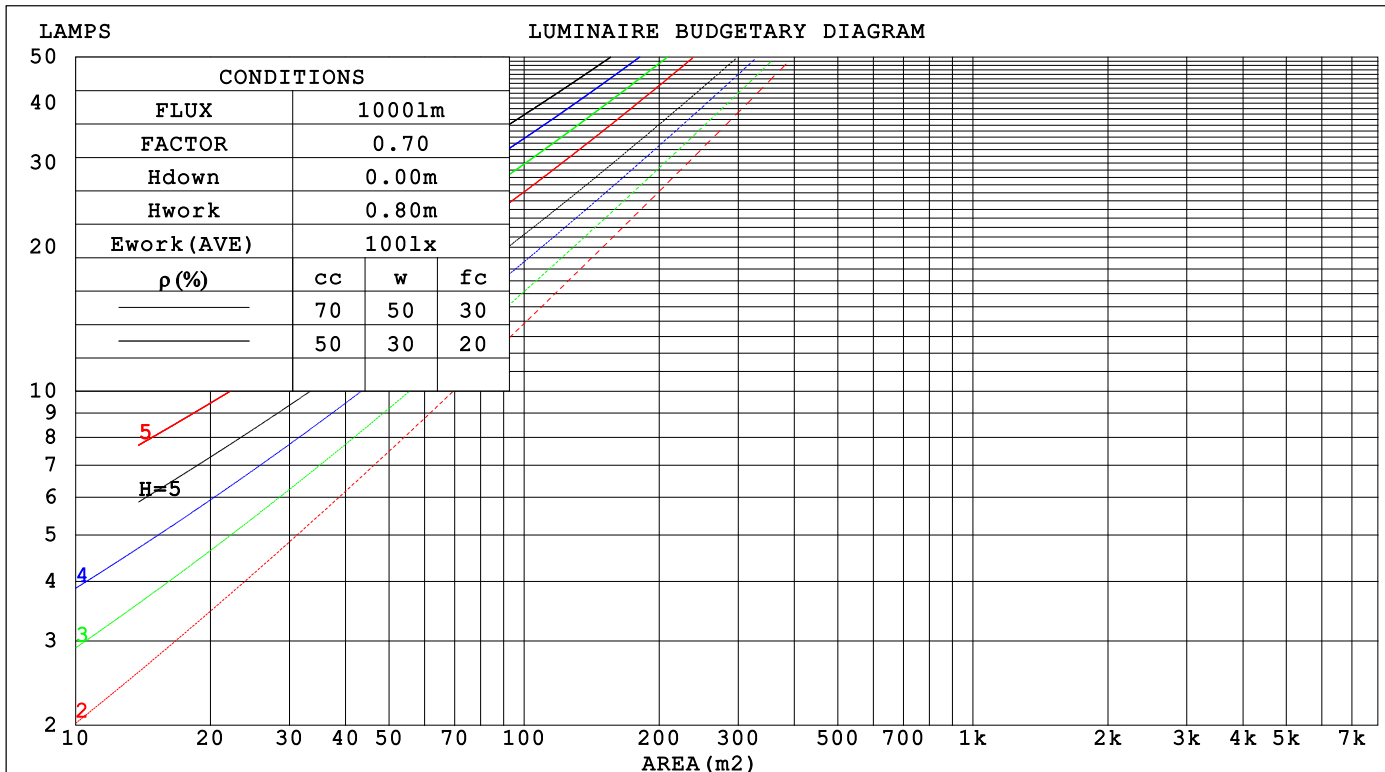
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIU YUAN FEN
Test Date:2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	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	.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	.63	.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:LIU YUAN FEN
Test Date:2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	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	.305	.173	.055	.297	.169	.054	.281	.161	.052	.267	.154	.049	.254	.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	.210	.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	.178	.091	.026	.170	.089	.026		
8.0	.184	.090	.025	.181	.089	.025	.173	.087	.025	.167	.084	.024	.160	.082	.024		
9.0	.173	.084	.023	.169	.083	.023	.163	.081	.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	.223	.223	.223	.190	.190	.190	.130	.130	.130	.075	.075	.075	.024	.024	.024		
1.0	.212	.188	.167	.182	.162	.144	.124	.111	.099	.072	.064	.058	.023	.021	.019		
2.0	.204	.164	.131	.175	.142	.113	.120	.098	.079	.069	.057	.046	.022	.018	.015		
3.0	.196	.147	.108	.168	.127	.093	.116	.088	.065	.067	.051	.039	.021	.017	.013		
4.0	.189	.134	.092	.162	.116	.080	.112	.081	.056	.065	.047	.033	.021	.015	.011		
5.0	.182	.123	.080	.156	.107	.070	.107	.075	.049	.062	.044	.029	.020	.014	.010		
6.0	.175	.115	.072	.150	.100	.063	.104	.070	.045	.060	.041	.027	.019	.013	.009		
7.0	.168	.108	.067	.144	.094	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008		
8.0	.162	.103	.062	.139	.089	.054	.096	.062	.038	.056	.037	.023	.018	.012	.008		
9.0	.156	.098	.059	.134	.085	.051	.093	.060	.036	.054	.035	.022	.018	.012	.007		
10.0	.150	.093	.056	.129	.081	.049	.090	.057	.035	.052	.034	.021	.017	.011	.007		

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:LIU YUAN FEN

Test Date:2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm										
NAME: ruan deng tiao					TYPE: LED			WEIGHT:		
SPEC.: S010060CA3SA1 R					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	24.8	26.2	25.1	26.5	26.8	24.7	26.2	25.0	26.4	26.7
3H	26.1	27.4	26.4	27.7	28.1	26.0	27.3	26.3	27.6	27.9
4H	26.5	27.8	26.9	28.1	28.4	26.3	27.6	26.7	27.9	28.3
6H	26.7	27.9	27.1	28.3	28.6	26.5	27.7	26.9	28.0	28.4
8H	26.8	28.0	27.2	28.3	28.7	26.5	27.7	26.9	28.0	28.4
12H	26.9	28.0	27.3	28.4	28.8	26.5	27.6	26.9	28.0	28.4
4H 2H	25.3	26.6	25.7	26.9	27.2	25.3	26.5	25.6	26.8	27.2
3H	26.8	27.9	27.2	28.3	28.7	26.7	27.8	27.1	28.1	28.5
4H	27.3	28.3	27.7	28.7	29.1	27.1	28.2	27.6	28.6	29.0
6H	27.6	28.5	28.1	29.0	29.4	27.4	28.3	27.9	28.7	29.2
8H	27.8	28.6	28.2	29.0	29.5	27.5	28.3	27.9	28.7	29.2
12H	27.9	28.7	28.4	29.2	29.7	27.5	28.2	28.0	28.7	29.2
8H 4H	27.5	28.3	27.9	28.7	29.2	27.3	28.1	27.8	28.6	29.1
6H	27.9	28.6	28.4	29.1	29.6	27.7	28.4	28.2	28.9	29.4
8H	28.1	28.7	28.6	29.2	29.8	27.8	28.4	28.3	28.9	29.5
12H	28.4	28.9	28.9	29.4	30.0	27.9	28.4	28.4	28.9	29.5
12H 4H	27.4	28.2	27.9	28.7	29.2	27.3	28.1	27.8	28.5	29.0
6H	27.9	28.5	28.5	29.0	29.6	27.7	28.3	28.3	28.8	29.4
8H	28.2	28.7	28.7	29.2	29.8	27.9	28.4	28.4	28.9	29.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 63.48 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -9.6)
Area: 0.01 m2

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:LIU YUAN FEN

Test Date:2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	DIM.: 1000x10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

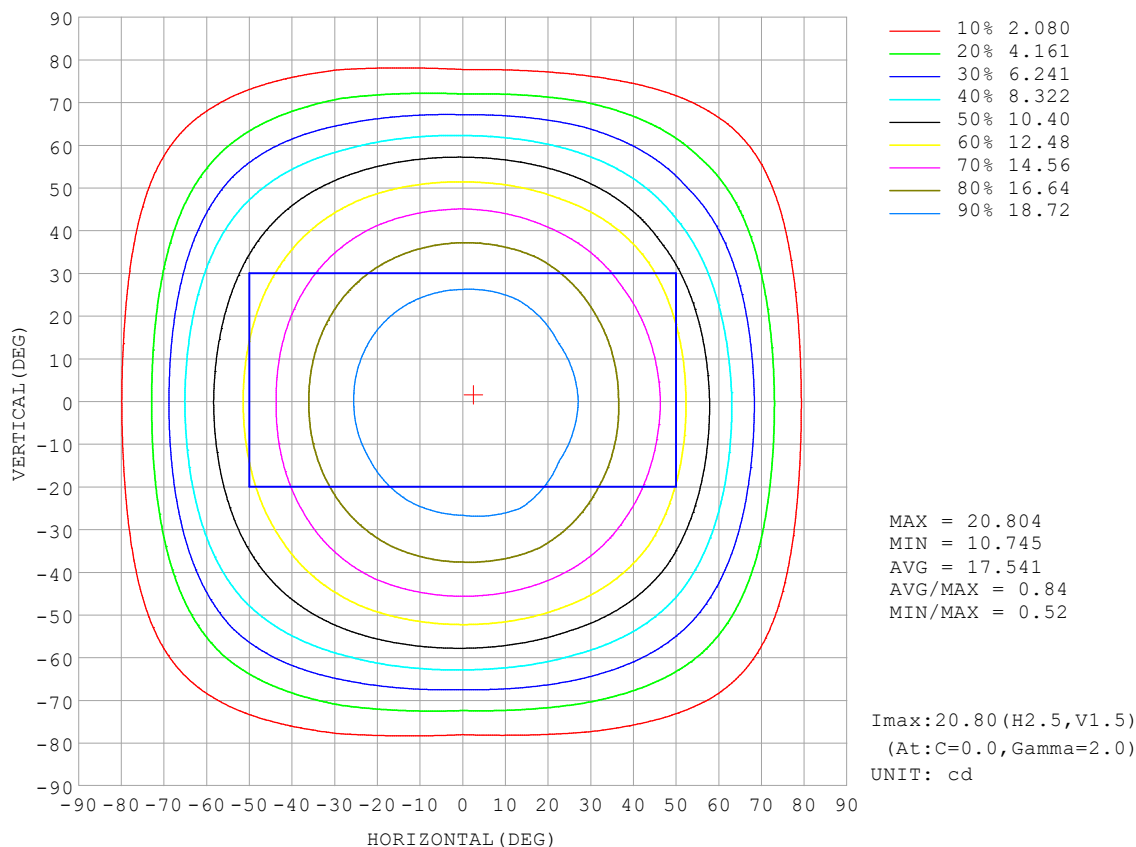
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	31
0.80	66	54	47	65	54	47	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	77	88	81	76	67
2.50	98	90	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	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℃
Operators: LIU YUAN FEN
Test Date: 2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	DIM.: 1000x10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

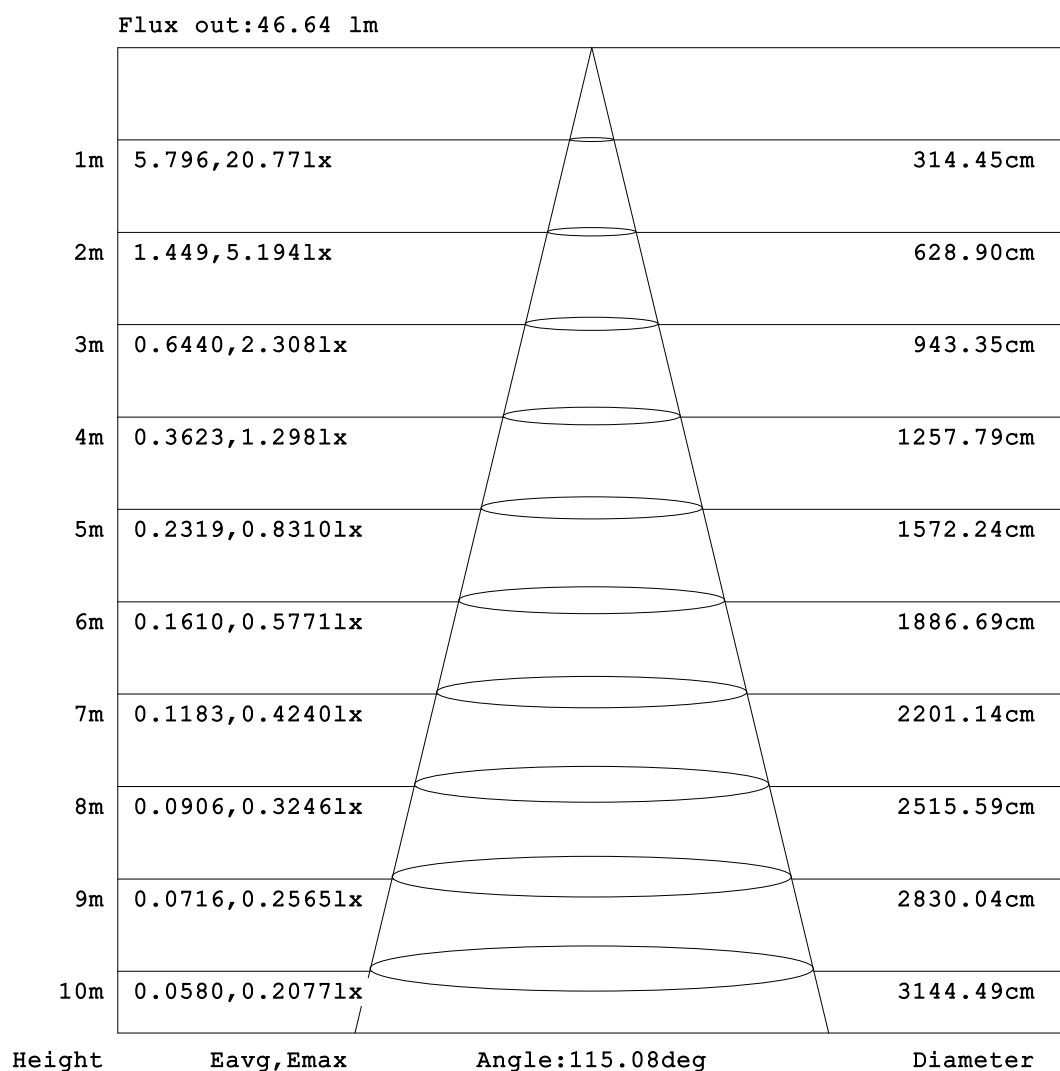


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIU YUAN FEN
Test Date:2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	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:LIU YUAN FEN

Test Date:2024-08-23

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488

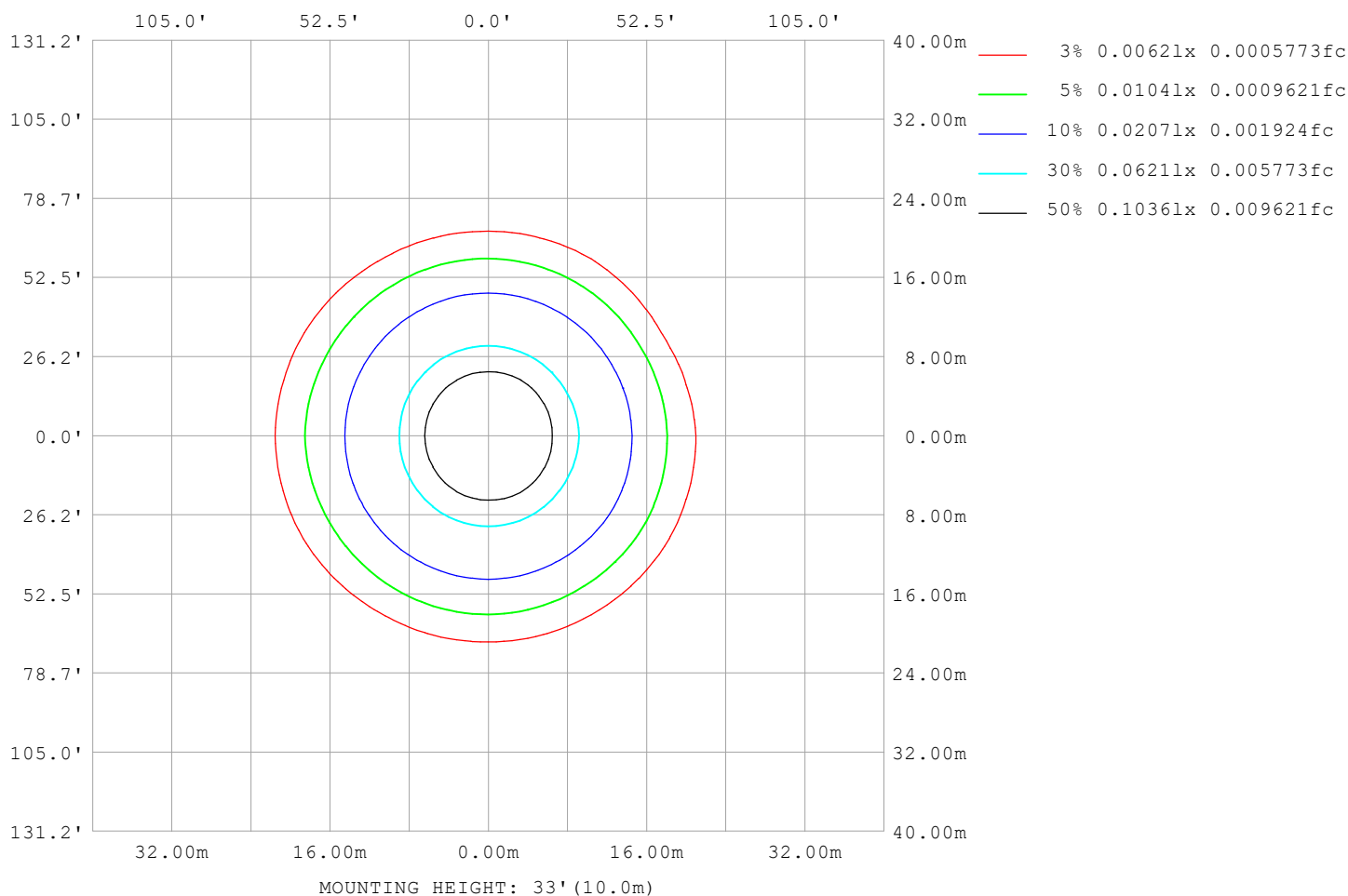
Humidity:65.0%

Test Distance:6.820m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	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: LIU YUAN FEN
Test Date: 2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	DIM.: 1000x10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

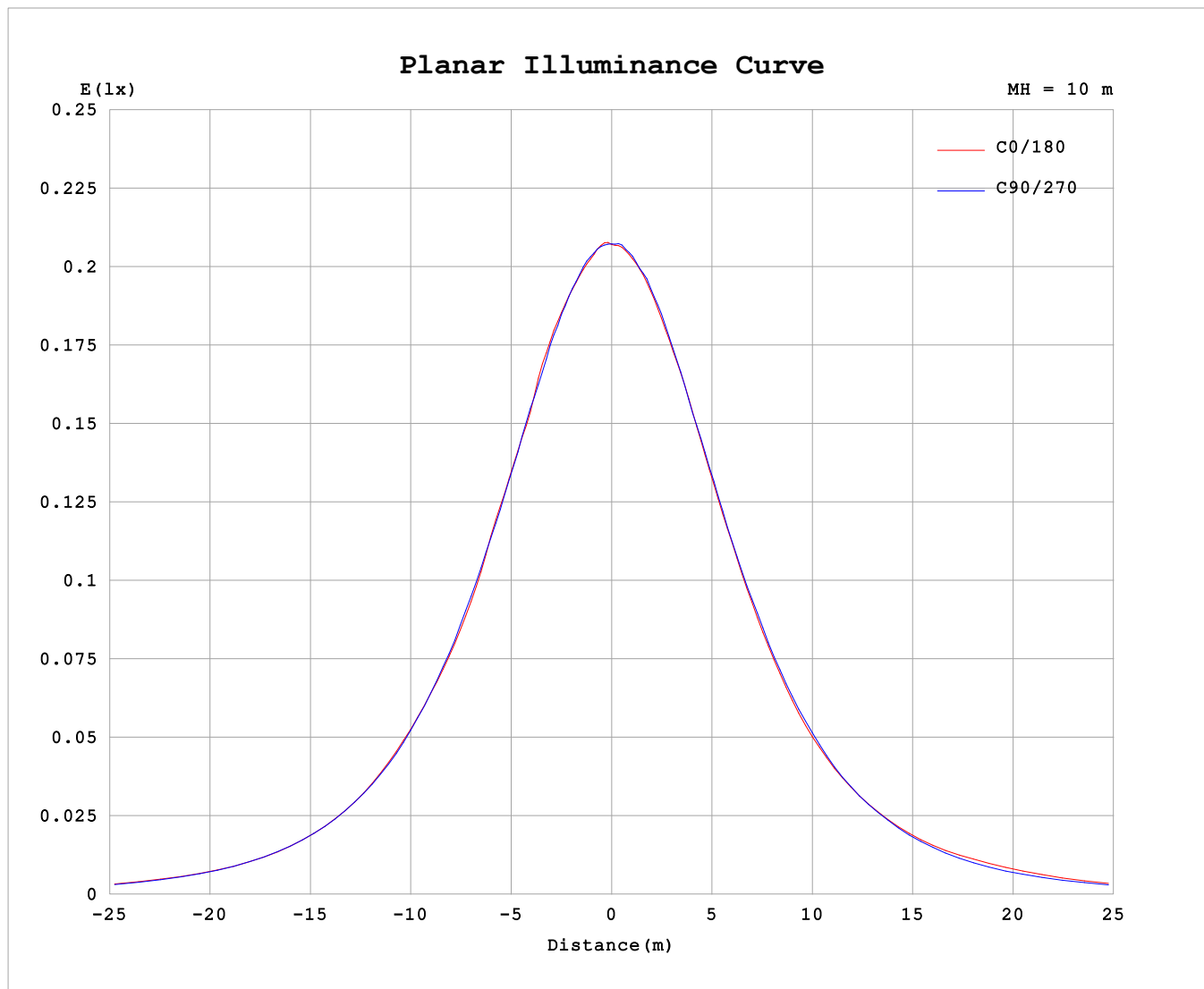
AvgL	cd/m2
L_0~180 (65) av	1893
L_0~180 (75) av	1283
L_0~180 (85) av	1728
L_90~270 (65) av	1721
L_90~270 (75) av	1181
L_90~270 (85) av	558
L_45 (65) av	1785
L_45 (75) av	1320
L_45 (85) av	1273

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LIU YUAN FEN
Test Date:2024-08-23

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: LIU YUAN FEN
Test Date: 2024-08-23

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:4.8010V I:0.7983A P:3.8323W PF:0.9998 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:63.477x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010060CA3SA1 R	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	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7						
5	20.6	20.6	20.8	20.7	20.7	20.7	20.6	20.7	20.7	20.7	20.7	20.6						
10	20.4	20.5	20.4	20.5	20.5	20.4	20.4	20.5	20.5	20.5	20.4	20.5						
15	20.3	20.3	20.1	20.1	20.0	20.1	20.0	20.1	20.1	20.1	20.0	20.2						
20	19.8	19.9	19.7	19.6	19.6	19.4	19.6	19.5	19.5	19.6	19.4	19.8						
25	19.0	18.9	19.2	19.0	18.9	18.8	18.8	18.9	18.9	18.9	18.9	18.9						
30	18.4	18.2	18.5	18.2	18.1	18.0	18.0	18.0	18.1	18.0	18.2	18.2						
35	17.0	17.3	17.5	17.3	17.1	17.0	16.9	16.9	17.1	17.1	17.2	17.1						
40	16.0	15.9	16.1	16.1	16.1	15.7	15.7	15.8	15.9	15.9	15.8	15.8						
45	14.9	14.7	14.8	14.8	14.7	14.4	14.2	14.4	14.6	14.6	14.4	14.5						
50	13.3	13.5	13.3	13.3	13.2	12.9	12.9	12.9	13.0	12.9	13.0	13.3						
55	11.5	11.7	11.5	11.5	11.5	11.4	11.4	11.4	11.3	11.2	11.2	11.2						
60	9.54	9.69	9.46	9.55	9.63	9.78	10.1	9.71	9.41	9.25	9.13	9.06						
65	7.61	7.69	7.49	7.40	7.59	8.18	8.39	8.06	7.41	7.15	7.20	6.79						
70	5.50	5.56	5.42	5.19	5.55	5.89	5.62	5.72	5.42	4.97	5.23	4.97						
75	3.39	3.47	3.43	3.13	3.60	3.51	3.25	3.36	3.51	2.98	3.13	3.10						
80	1.94	1.93	1.84	1.52	1.91	1.95	2.07	1.93	1.85	1.45	1.59	1.74						
85	1.34	1.20	0.91	0.49	0.93	1.50	1.67	1.50	0.88	0.48	0.70	1.17						
90	1.21	1.18	0.65	0.07	0.79	1.32	1.42	1.28	0.79	0.07	0.60	1.07						
95	1.87	1.59	0.66	0.09	0.97	1.88	1.97	1.86	0.93	0.06	0.59	1.58						
100	1.34	1.02	0.39	0.10	0.46	1.65	1.96	1.68	0.38	0.06	0.37	1.02						
105	0.85	0.64	0.21	0.12	0.24	0.85	1.23	0.84	0.18	0.08	0.20	0.67						
110	0.65	0.44	0.17	0.13	0.14	0.46	0.66	0.44	0.15	0.10	0.17	0.49						
115	0.45	0.25	0.16	0.15	0.14	0.32	0.42	0.32	0.16	0.12	0.15	0.34						
120	0.35	0.20	0.16	0.17	0.14	0.20	0.27	0.19	0.17	0.13	0.16	0.29						
125	0.27	0.19	0.16	0.18	0.15	0.19	0.18	0.18	0.18	0.15	0.18	0.21						
130	0.22	0.19	0.17	0.20	0.17	0.21	0.19	0.19	0.20	0.16	0.20	0.20						
135	0.20	0.21	0.18	0.22	0.18	0.22	0.21	0.19	0.22	0.18	0.22	0.20						
140	0.21	0.23	0.20	0.24	0.20	0.23	0.23	0.20	0.23	0.20	0.23	0.20						
145	0.21	0.24	0.21	0.25	0.22	0.26	0.24	0.21	0.25	0.22	0.25	0.22						
150	0.22	0.26	0.23	0.26	0.23	0.27	0.26	0.23	0.26	0.23	0.27	0.23						
155	0.24	0.28	0.24	0.28	0.25	0.28	0.27	0.24	0.28	0.25	0.27	0.25						
160	0.25	0.29	0.26	0.29	0.26	0.30	0.29	0.26	0.29	0.26	0.29	0.27						
165	0.26	0.30	0.27	0.30	0.27	0.31	0.29	0.27	0.30	0.27	0.30	0.28						
170	0.28	0.30	0.28	0.30	0.29	0.31	0.30	0.28	0.30	0.28	0.30	0.29						
175	0.29	0.30	0.29	0.30	0.29	0.31	0.30	0.29	0.30	0.29	0.30	0.30						
180	0.30	0.30	0.30	0.30	0.29	0.31	0.30	0.30	0.30	0.30	0.30	0.31						

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:LIU YUAN FEN

Test Date:2024-08-23

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]

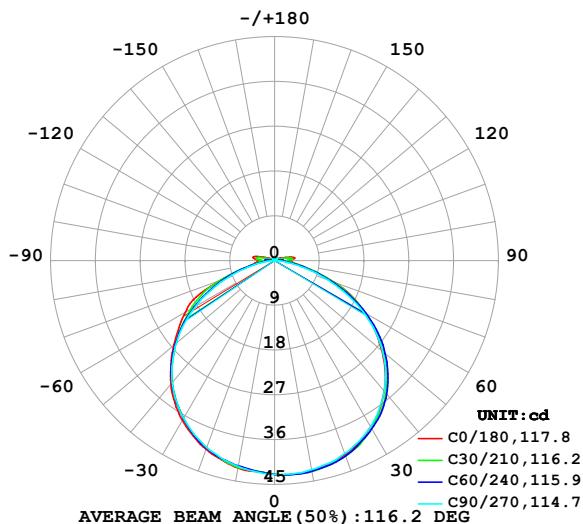
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

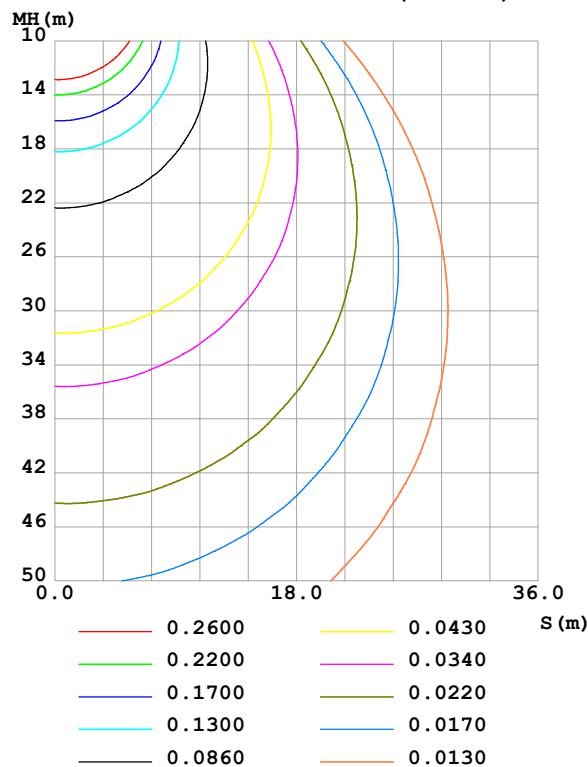
Test:U:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 25.63 lm/W
MODEL	S010030CA3SA1 Mixed	Imax (cd)	43.16	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	6W	LOR(%)	100.0	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	5	TOTAL FLUX(lm)	134.15	η UP,DN(C0-180)	2.2,49.0	
NOMINAL FLUX(lm)	134.15	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.3,46.5	
LAMPS INSIDE	1	η up (%)	4.5	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	5	η down (%)	95.5	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°C
Operators: LEIXIAOLAN
Test Date: 2024-08-28

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	42.90	43.02	42.65	42.58	42.34	42.06	42.04	42.48	0- 10	4.078	4.078	3.04,3.04
20	41.48	41.79	41.25	41.03	40.36	40.06	39.99	40.92	10- 20	11.83	15.90	11.9,11.9
30	38.63	39.01	38.60	38.05	37.11	36.64	36.60	37.80	20- 30	18.23	34.13	25.4,25.4
40	34.27	34.94	34.28	33.72	32.46	32.03	32.04	33.38	30- 40	22.41	56.54	42.1,42.1
50	28.14	28.89	28.36	27.59	26.46	25.97	25.84	27.27	40- 50	23.56	80.09	59.7,59.7
60	21.00	21.21	20.55	20.51	20.69	19.11	18.30	19.74	50- 60	21.31	101.4	75.6,75.6
70	12.68	12.43	11.46	12.13	11.46	11.18	9.994	11.38	60- 70	15.89	117.3	87.4,87.4
80	4.797	4.566	3.540	4.255	4.458	3.975	3.150	4.252	70- 80	7.946	125.2	93.4,93.4
90	2.665	1.983	0.1332	2.094	2.840	2.102	0.1664	1.903	80- 90	2.903	128.1	95.5,95.5
100	3.895	2.101	0.1944	2.436	4.391	2.294	0.1800	2.051	90-100	2.431	130.6	97.3,97.3
110	1.759	0.7289	0.2628	0.7653	1.806	0.7731	0.2446	0.8131	100-110	1.516	132.1	98.5,98.5
120	0.7126	0.3349	0.3347	0.3261	0.5132	0.3584	0.3203	0.4309	110-120	0.5885	132.7	98.9,98.9
130	0.4781	0.3728	0.3959	0.3928	0.4170	0.4052	0.3814	0.4055	120-130	0.3478	133.0	99.2,99.2
140	0.4386	0.4412	0.4643	0.4523	0.4818	0.4736	0.4534	0.4541	130-140	0.3302	133.4	99.4,99.4
150	0.4924	0.5078	0.5328	0.5207	0.5429	0.5367	0.5218	0.5190	140-150	0.3061	133.7	99.6,99.6
160	0.5535	0.5709	0.5939	0.5784	0.6004	0.5943	0.5830	0.5838	150-160	0.2550	133.9	99.8,99.8
170	0.6074	0.6213	0.6443	0.6235	0.6434	0.6321	0.6226	0.6271	160-170	0.1712	134.1	100,100
180	0.6399	0.6447	0.6478	0.6415	0.6434	0.6429	0.6442	0.6415	170-180	0.0606	134.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 68.388 lm

%lum = 51.0%

%lamp = 51.0%

Conical surface Flux(130deg): 110.24 lm

%lum = 82.2%

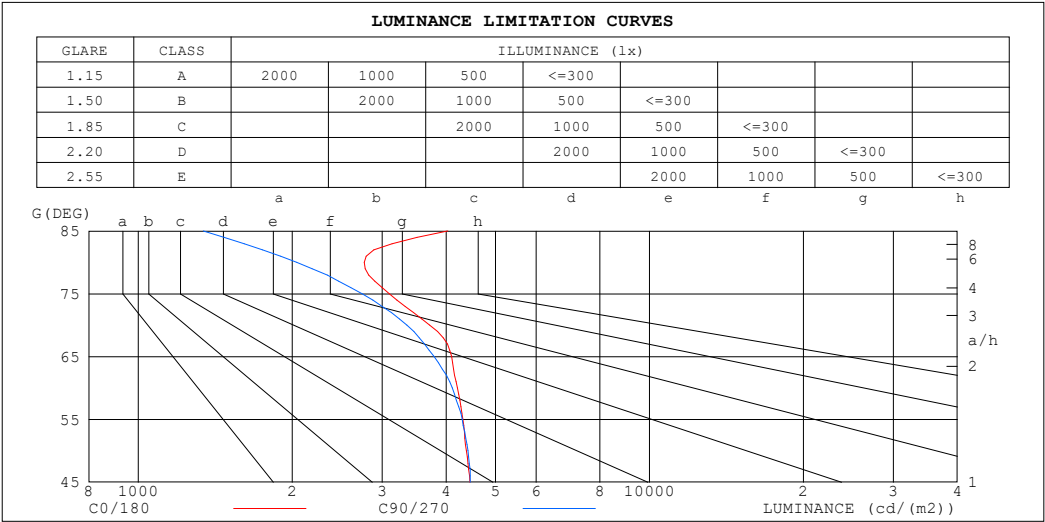
%lamp = 82.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LEIXIAOLAN
 Test Date:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4030	1339
80	2767	2040
75	3098	2740
70	3713	3352
65	4099	3791
60	4207	4111
55	4313	4304
50	4385	4414
45	4456	4460

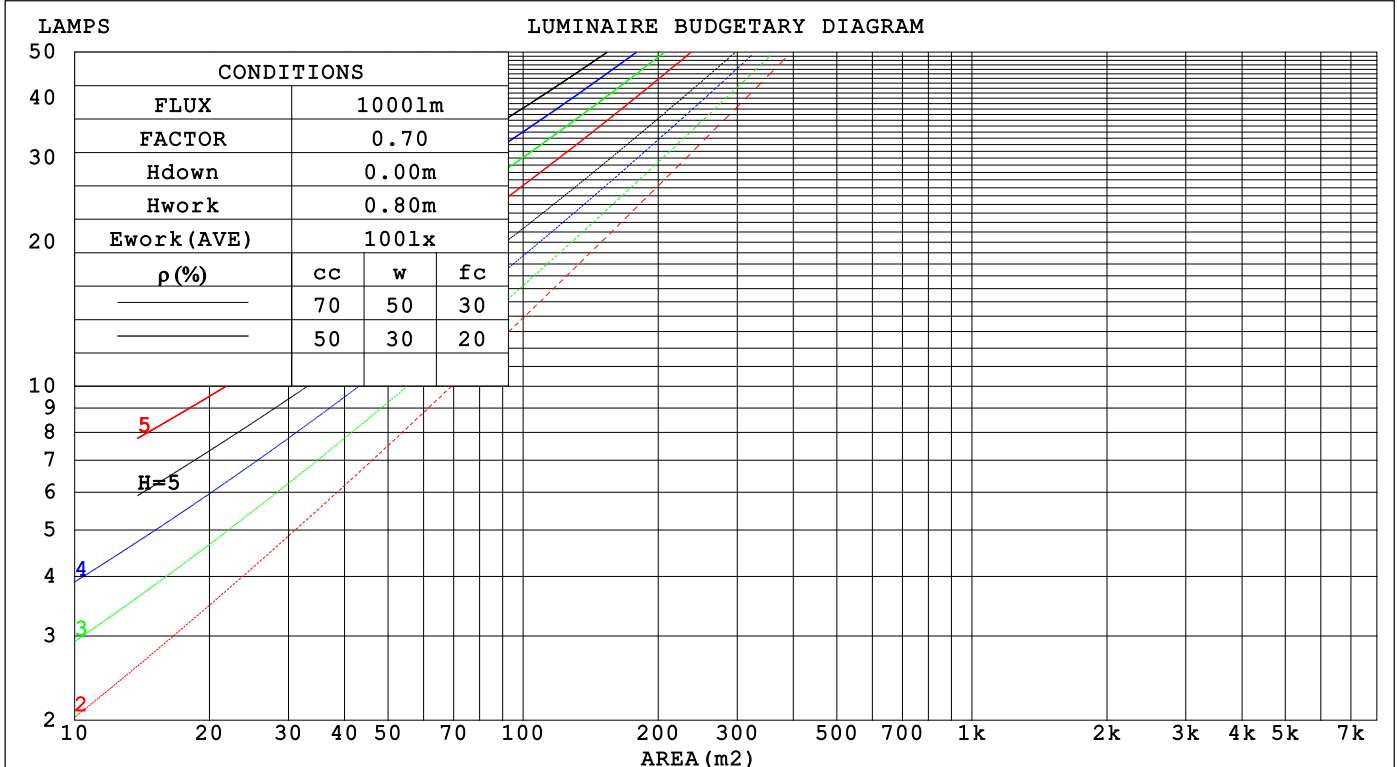
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	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	1.18	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	.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	.67	.62	.58	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.42	.38	.36
7.0	.50	.42	.36	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.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	.31	.25	.37	.30	.25	.36	.29	.25	.34	.29	.24	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	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	.309	.175	.056	.300	.171	.054	.284	.163	.052	.270	.156	.050	.256	.149	.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	.247	.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	.196	.104	.031		
6.0	.212	.107	.030	.208	.105	.030	.199	.102	.030	.190	.099	.029	.182	.096	.029		
7.0	.198	.098	.028	.194	.096	.027	.185	.094	.027	.178	.091	.027	.171	.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	.225	.225	.225	.192	.192	.192	.131	.131	.131	.075	.075	.075	.024	.024	.024		
1.0	.215	.191	.169	.184	.164	.145	.126	.113	.101	.072	.065	.058	.023	.021	.019		
2.0	.207	.167	.133	.177	.143	.115	.121	.099	.080	.070	.058	.047	.022	.019	.015		
3.0	.199	.149	.109	.171	.129	.095	.117	.089	.067	.068	.052	.039	.022	.017	.013		
4.0	.191	.136	.094	.164	.117	.081	.113	.082	.057	.065	.048	.034	.021	.016	.011		
5.0	.184	.126	.082	.158	.109	.072	.109	.076	.051	.063	.045	.030	.020	.015	.010		
6.0	.177	.117	.075	.152	.102	.065	.105	.071	.046	.061	.042	.027	.020	.014	.009		
7.0	.170	.111	.069	.147	.096	.060	.101	.067	.042	.059	.040	.025	.019	.013	.008		
8.0	.164	.105	.064	.141	.091	.056	.098	.064	.040	.057	.038	.024	.018	.012	.008		
9.0	.158	.100	.061	.136	.087	.053	.094	.061	.038	.055	.036	.022	.018	.012	.007		
10.0	.152	.096	.058	.131	.083	.051	.091	.058	.036	.053	.035	.021	.017	.011	.007		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm											
NAME: ruan deng tiao					TYPE: LED			WEIGHT:			
SPEC.: S010030CA3SA1 Mixed					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	25.0	26.4	25.3	26.7	27.0	24.9	26.4	25.2	26.7	26.9	
	3H	26.4	27.8	26.8	28.1	28.4	26.2	27.5	26.6	27.8	28.2
	4H	26.9	28.2	27.3	28.5	28.8	26.6	27.9	27.0	28.2	28.5
	6H	27.2	28.4	27.6	28.7	29.1	26.8	28.0	27.2	28.3	28.7
	8H	27.3	28.5	27.7	28.8	29.2	26.8	28.0	27.2	28.3	28.7
	12H	27.5	28.6	27.9	29.0	29.4	26.8	27.9	27.2	28.3	28.7
4H	2H	25.5	26.8	25.9	27.1	27.5	25.5	26.8	25.9	27.1	27.5
	3H	27.2	28.3	27.6	28.6	29.0	26.9	28.0	27.4	28.4	28.8
	4H	27.7	28.7	28.2	29.1	29.6	27.4	28.5	27.9	28.9	29.3
	6H	28.1	29.0	28.6	29.5	29.9	27.7	28.6	28.2	29.1	29.5
	8H	28.3	29.1	28.8	29.6	30.1	27.8	28.6	28.3	29.1	29.6
	12H	28.6	29.3	29.0	29.8	30.3	27.8	28.6	28.3	29.1	29.6
8H	4H	27.9	28.7	28.4	29.2	29.7	27.6	28.5	28.1	28.9	29.4
	6H	28.4	29.1	29.0	29.6	30.1	28.1	28.8	28.6	29.2	29.8
	8H	28.7	29.3	29.2	29.8	30.4	28.2	28.8	28.7	29.3	29.9
	12H	29.1	29.6	29.6	30.1	30.7	28.3	28.8	28.8	29.3	29.9
12H	4H	27.9	28.7	28.4	29.1	29.6	27.6	28.4	28.1	28.9	29.4
	6H	28.5	29.1	29.0	29.6	30.1	28.1	28.7	28.6	29.2	29.8
	8H	28.8	29.3	29.3	29.8	30.4	28.3	28.8	28.8	29.3	29.9
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117, 134.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.0)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

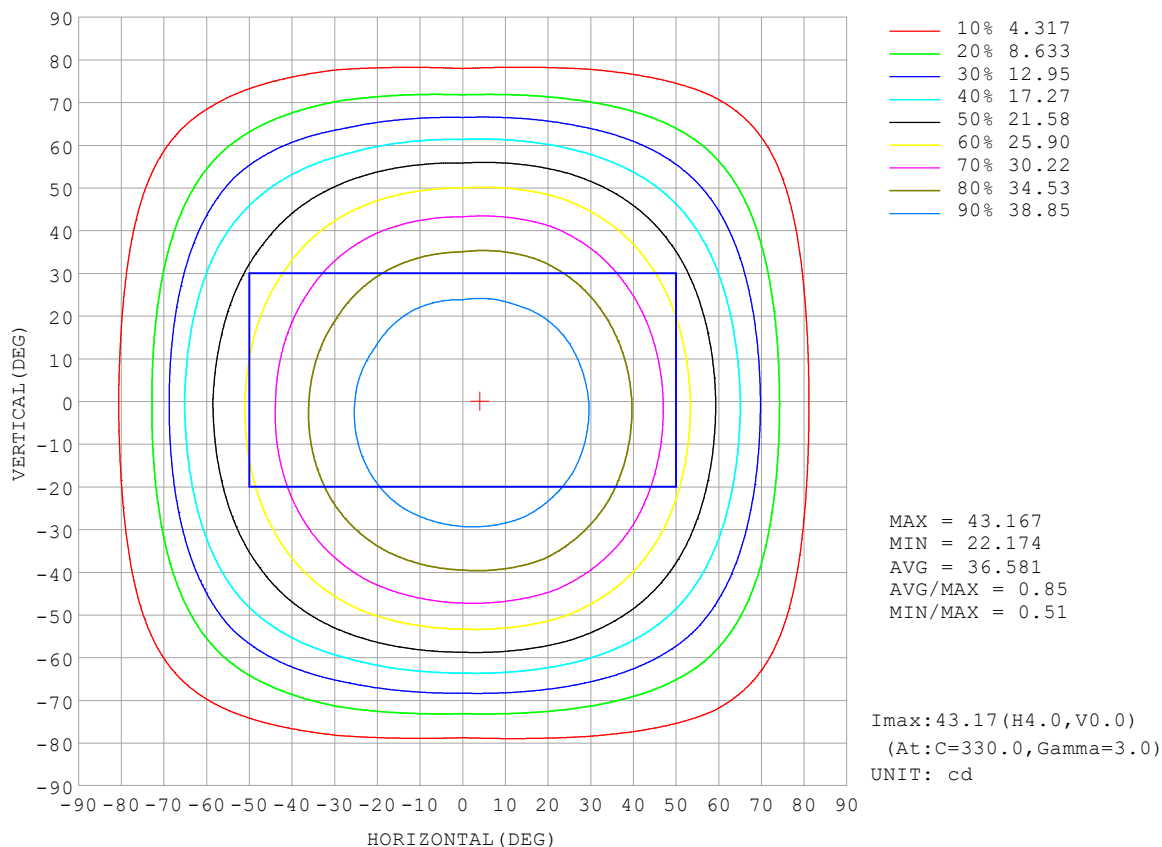
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	53	46	63	53	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	85	75	68	81	73	67	59
2.00	93	85	78	91	83	77	87	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	88	84	75
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:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

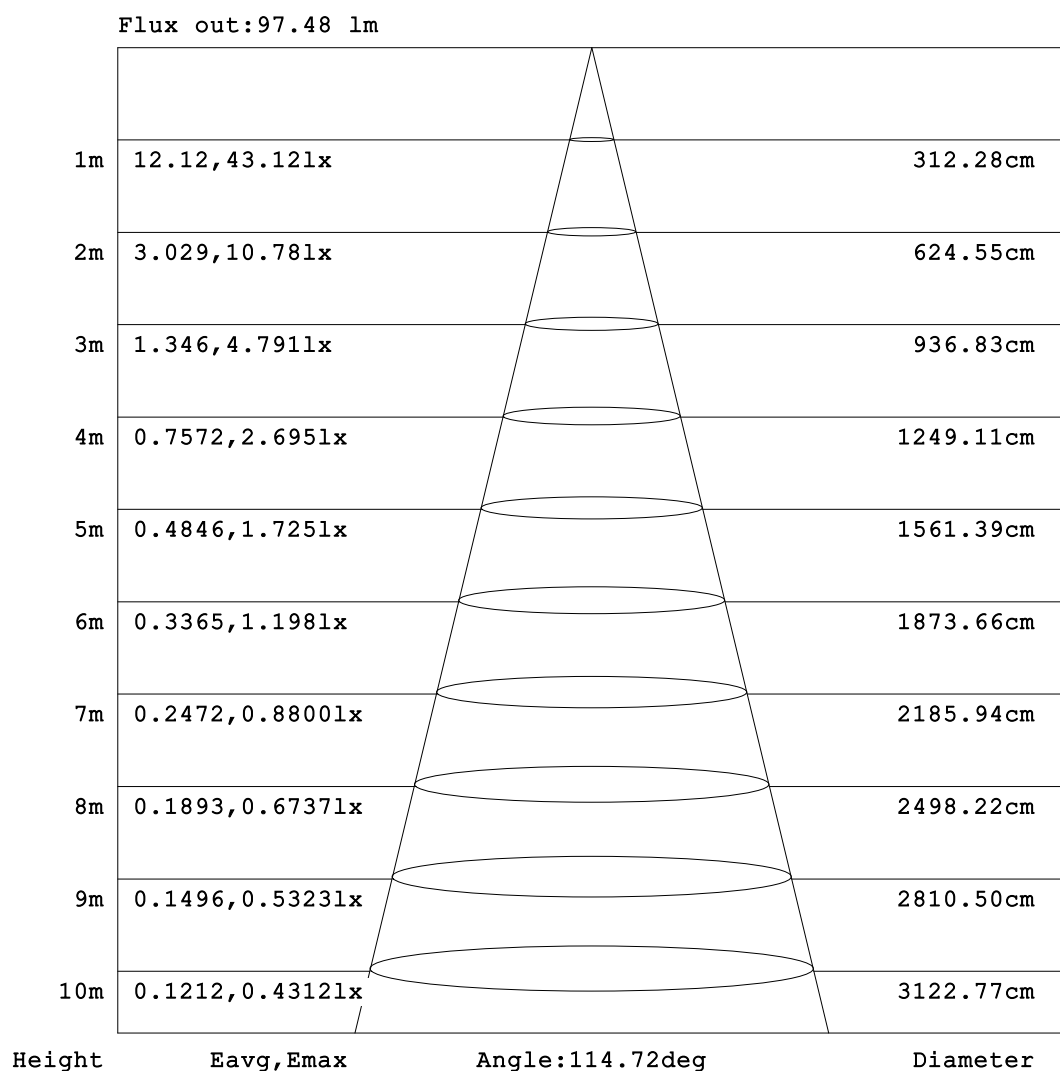


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LEIXIAOLAN
Test Date: 2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:



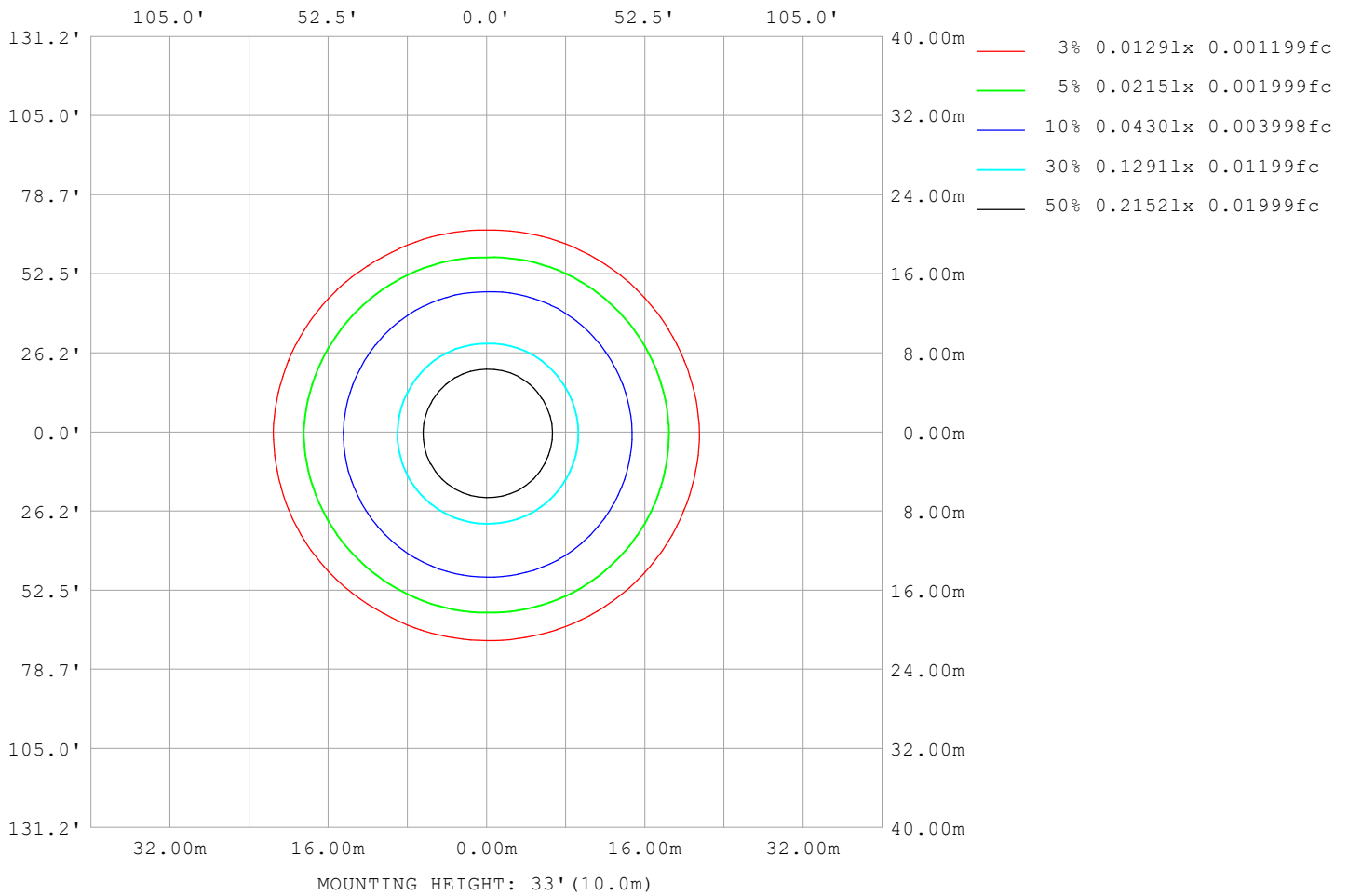
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	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:2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	DIM.: 1000X10mm	SERIAL No.:
MFR.: iPixel LED	SUR.:	Shielding Angle:

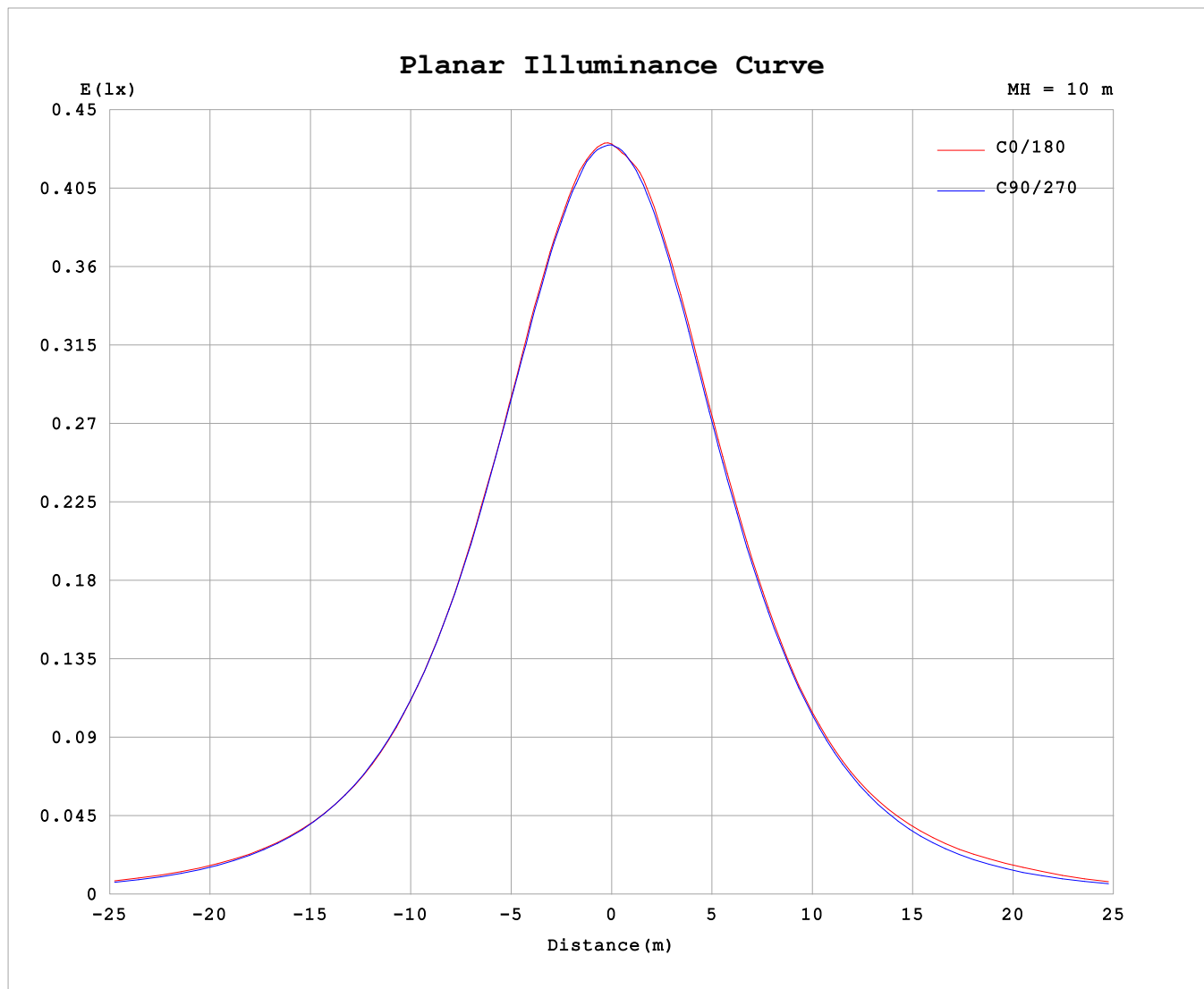
AvgL	cd/m2
L_0~180 (65) av	4104
L_0~180 (75) av	2871
L_0~180 (85) av	4060
L_90~270 (65) av	3569
L_90~270 (75) av	2571
L_90~270 (85) av	1297
L_45 (65) av	3815
L_45 (75) av	2920
L_45 (85) av	3019

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-28

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: 2024-08-28

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:4.6933V I:1.1155A P:5.2350W PF:0.9999 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% Lamp Flux:134.15x1 lm		
NAME: ruan deng tiao	TYPE: LED	WEIGHT:
SPEC.: S010030CA3SA1 Mixed	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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0							
5	43.1	43.1	43.1	43.0	42.7	42.7	42.6	42.4	42.5	42.6	42.8	43.1							
10	42.9	43.0	43.0	42.7	42.5	42.7	42.3	42.3	41.9	42.0	42.2	42.8							
15	42.3	42.5	42.6	42.1	42.1	41.8	41.4	41.3	41.2	41.2	41.5	42.1							
20	41.5	41.8	41.8	41.2	41.2	40.8	40.4	40.0	40.1	40.0	40.5	41.3							
25	40.2	40.7	40.5	40.1	39.9	39.6	38.9	38.5	38.6	38.4	39.0	40.0							
30	38.6	39.0	39.0	38.6	38.3	37.8	37.1	36.6	36.7	36.6	37.4	38.2							
35	36.7	37.1	37.4	36.6	36.3	35.8	35.0	34.4	34.6	34.5	35.5	36.1							
40	34.3	34.8	35.1	34.3	34.0	33.5	32.5	32.0	32.1	32.0	33.1	33.6							
45	31.5	32.0	32.2	31.5	31.2	30.5	29.5	29.1	29.3	29.1	30.2	30.7							
50	28.1	28.8	29.0	28.4	28.0	27.2	26.5	25.9	26.0	25.8	27.0	27.5							
55	24.7	25.1	25.4	24.7	24.5	24.0	23.5	22.7	22.5	22.2	23.3	23.9							
60	21.0	21.2	21.2	20.5	20.5	20.6	20.7	19.5	18.7	18.3	19.3	20.2							
65	17.3	17.1	16.7	16.0	16.1	17.1	17.4	16.2	14.6	14.2	15.0	16.2							
70	12.7	12.8	12.1	11.5	11.8	12.4	11.5	11.7	10.7	9.99	10.8	12.0							
75	8.00	8.19	7.79	7.09	7.77	7.46	6.86	7.01	7.10	6.22	7.02	7.69							
80	4.80	4.82	4.31	3.54	4.18	4.33	4.46	4.05	3.90	3.15	3.99	4.52							
85	3.51	3.19	2.19	1.17	2.07	3.26	3.57	3.11	1.94	1.09	2.06	2.97							
90	2.66	2.49	1.48	0.13	1.63	2.56	2.84	2.57	1.63	0.17	1.41	2.40							
95	3.67	3.45	1.69	0.17	1.96	3.61	3.87	3.48	1.94	0.16	1.56	3.23							
100	3.89	3.21	0.99	0.19	1.09	3.78	4.39	3.54	1.05	0.18	1.00	3.10							
105	2.65	1.92	0.47	0.23	0.45	2.21	3.14	2.10	0.43	0.21	0.46	1.95							
110	1.76	1.14	0.32	0.26	0.26	1.27	1.81	1.25	0.30	0.24	0.31	1.32							
115	1.26	0.61	0.29	0.30	0.27	0.63	1.12	0.65	0.34	0.27	0.31	0.77							
120	0.71	0.38	0.29	0.33	0.30	0.35	0.51	0.35	0.36	0.32	0.34	0.52							
125	0.52	0.37	0.33	0.36	0.33	0.38	0.38	0.36	0.39	0.35	0.37	0.45							
130	0.48	0.39	0.36	0.40	0.37	0.41	0.42	0.38	0.43	0.38	0.40	0.41							
135	0.44	0.42	0.39	0.43	0.40	0.44	0.45	0.43	0.46	0.42	0.44	0.41							
140	0.44	0.46	0.43	0.46	0.43	0.47	0.48	0.46	0.49	0.45	0.47	0.44							
145	0.46	0.49	0.45	0.50	0.47	0.51	0.52	0.49	0.52	0.49	0.51	0.47							
150	0.49	0.52	0.49	0.53	0.50	0.54	0.54	0.51	0.56	0.52	0.54	0.50							
155	0.52	0.55	0.52	0.57	0.53	0.57	0.58	0.54	0.59	0.55	0.57	0.54							
160	0.55	0.59	0.56	0.59	0.56	0.60	0.60	0.58	0.61	0.58	0.60	0.56							
165	0.59	0.61	0.58	0.62	0.59	0.62	0.63	0.60	0.63	0.60	0.62	0.58							
170	0.61	0.64	0.61	0.64	0.61	0.64	0.64	0.62	0.65	0.62	0.65	0.61							
175	0.63	0.65	0.63	0.65	0.63	0.64	0.64	0.63	0.65	0.63	0.64	0.63							
180	0.64	0.65	0.64	0.65	0.64	0.64	0.64	0.64	0.65	0.64	0.64	0.64							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LEIXIAOLAN
Test Date:2024-08-28

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: