

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

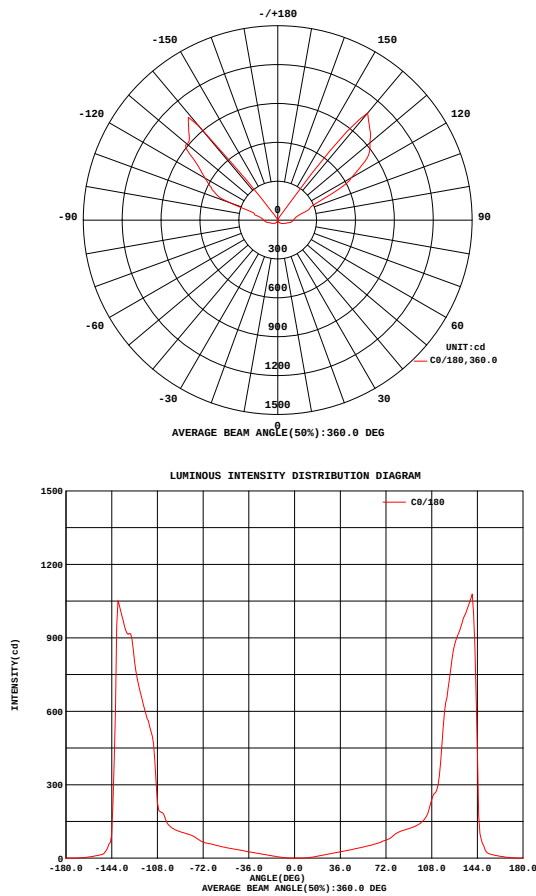


Fig. C0/C180

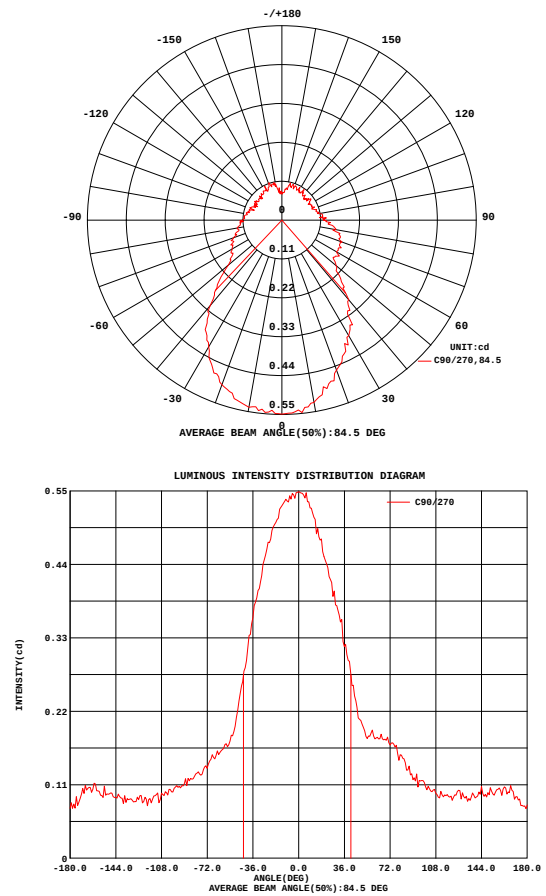


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-17

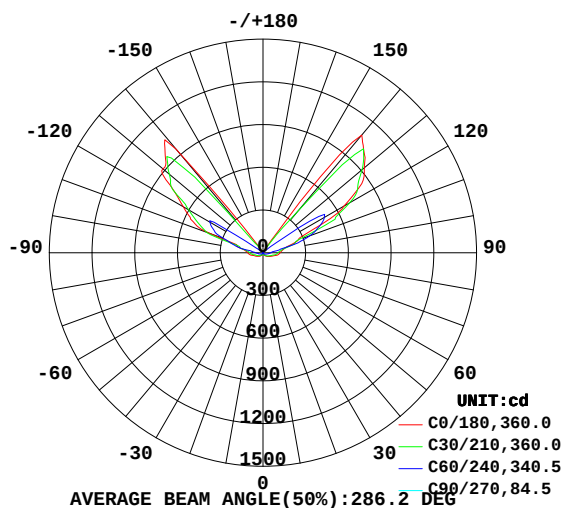
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

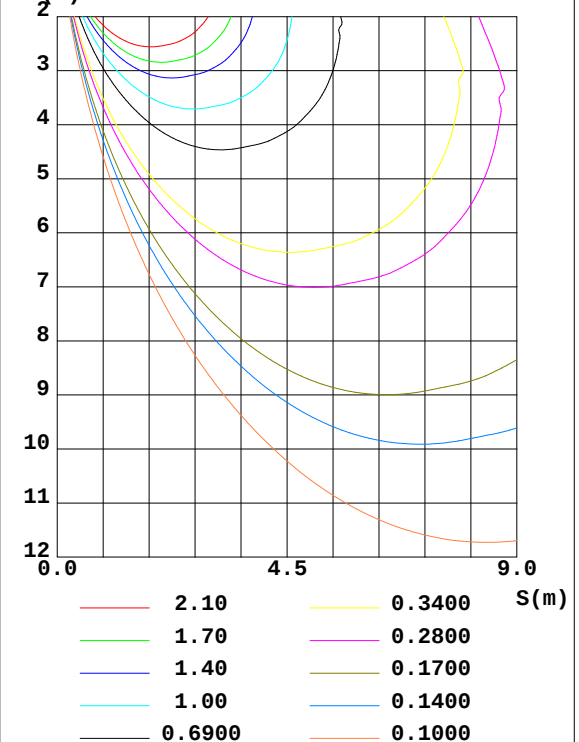
NAME: 长方形220LED双向	TYPE: 5189101118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.95 lm/W			
MODEL		Imax(cd)	1085	S/MH(C0/180)	23.80
NOMINAL POWER(W)	20.35	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1606.7	η UP, DN(C0-180)	44.3, 6.1
NOMINAL FLUX(lm)	1606.72	CIE CLASS	SEMI-IND.	η UP, DN(C180-360)	43.5, 6.1
LAMPS INSIDE	1	η up(%)	87.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	12.2	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
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 Test Date: 2022-04-17

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 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
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ZONAL FLUX DIAGRAM

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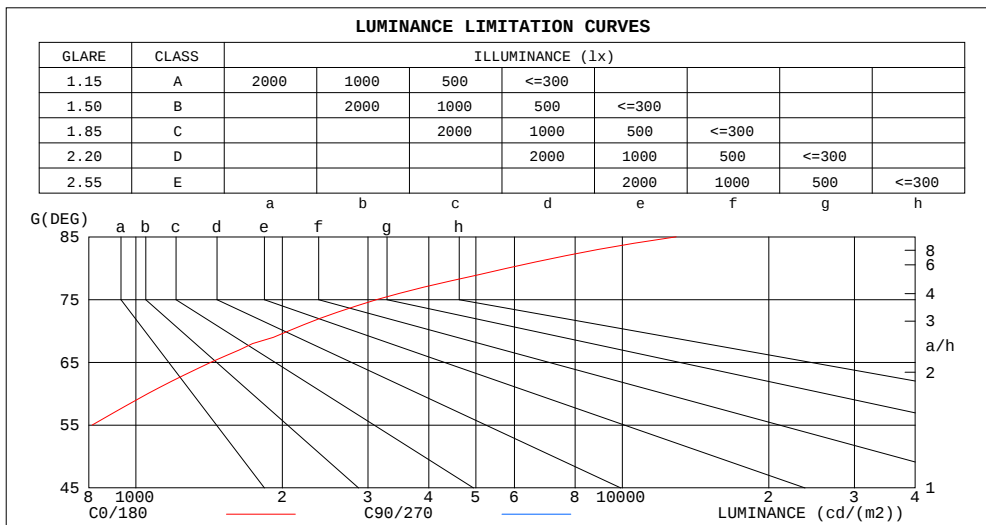
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1.599	0.7767	0.5239	1.302	3.323	1.638	0.5374	0.7443	0- 10	0.0658	0.0658	0.00,0.00
20	9.809	5.290	0.4517	5.575	11.76	6.536	0.4960	4.676	10- 20	0.9680	1.034	0.06,0.06
30	20.07	12.06	0.3781	11.32	20.75	12.77	0.4145	10.72	20- 30	3.856	4.890	0.30,0.30
40	29.81	19.11	0.2946	16.98	30.26	18.78	0.3149	17.24	30- 40	8.645	13.54	0.84,0.84
50	40.88	25.80	0.2007	22.70	39.40	25.02	0.1976	23.52	40- 50	15.03	28.56	1.78,1.78
60	52.90	33.63	0.1787	28.89	50.41	31.63	0.1629	30.69	50- 60	22.71	51.27	3.19,3.19
70	70.46	44.63	0.1814	38.30	62.49	41.68	0.1456	40.92	60- 70	32.47	83.74	5.21,5.21
80	100.7	62.89	0.1550	49.61	90.69	55.05	0.1274	56.70	70- 80	46.40	130.1	8.1,8.1
90	120.7	84.19	0.1176	69.51	108.1	75.56	0.1117	78.24	80- 90	66.36	196.5	12.2,12.2
100	146.5	119.9	0.1067	113.9	141.4	121.4	0.0994	117.6	90-100	87.15	283.6	17.7,17.7
110	263.6	336.7	0.0914	353.7	397.8	360.6	0.0831	350.8	100-110	174.7	458.4	28.5,28.5
120	655.7	638.2	0.0929	586.3	647.3	583.8	0.0884	600.3	110-120	347.2	805.5	50.1,50.1
130	929.2	726.0	0.0921	435.5	917.8	622.1	0.0843	573.3	120-130	420.6	1226	76.3,76.3
140	1079	46.95	0.0917	25.53	951.3	29.24	0.0901	28.16	130-140	326.1	1552	96.6,96.6
150	34.39	11.06	0.0950	7.921	20.04	8.437	0.0958	9.812	140-150	50.69	1603	99.8,99.8
160	9.477	4.764	0.0941	2.958	6.263	2.737	0.1112	4.131	150-160	3.120	1606	100,100
170	2.246	1.012	0.0883	0.4657	1.053	0.4772	0.1045	0.7074	160-170	0.6305	1607	100,100
180	0.0769	0.0807	0.0796	0.0794	0.0842	0.0774	0.0746	0.0801	170-180	0.0328	1607	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 长方形220LED双向	TYPE: 5189101118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:



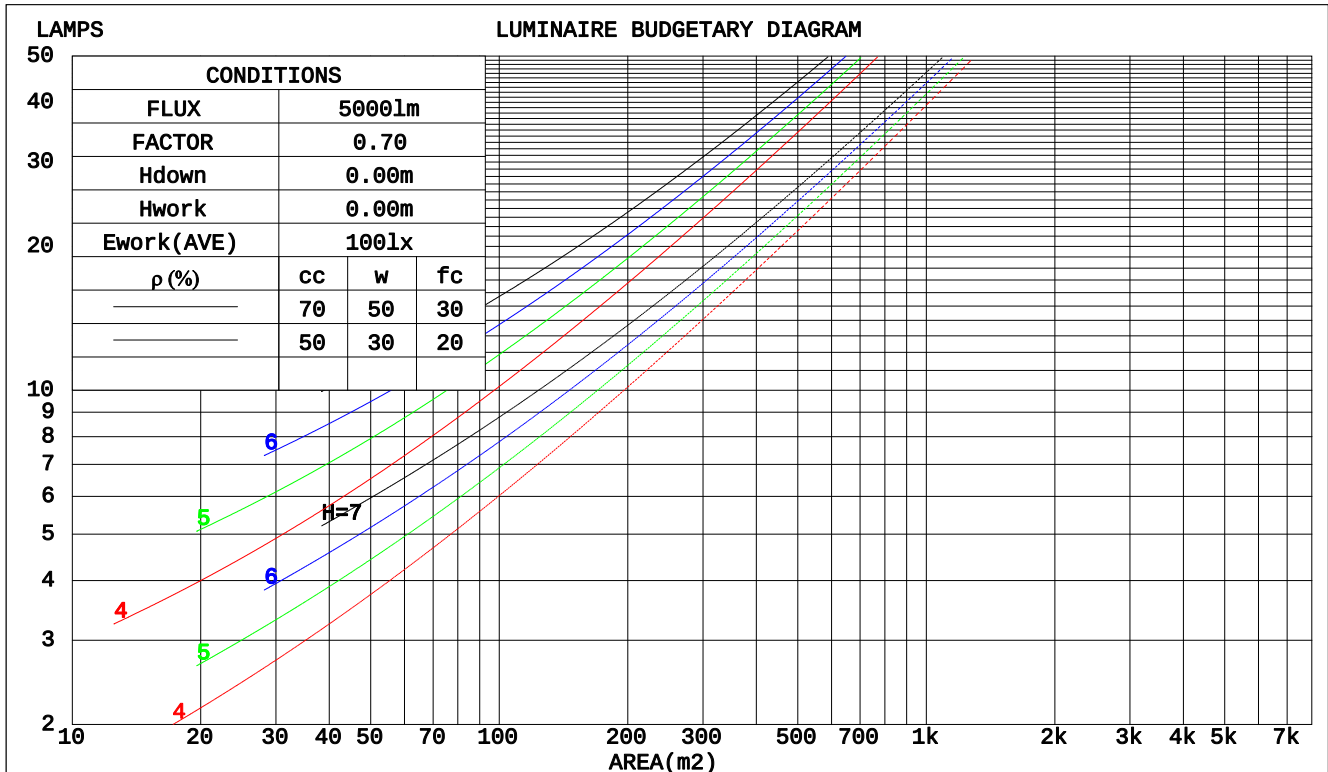
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 长方形220LED双向	TYPE: 5189101118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.98	.98	.98	.86	.86	.86	.62	.62	.62	.41	.41	.41	.21	.21	.21	.12
1.0	.82	.78	.74	.72	.68	.65	.51	.49	.47	.33	.31	.30	.16	.15	.14	.06
2.0	.71	.65	.59	.62	.56	.52	.44	.40	.37	.28	.26	.24	.13	.12	.11	.04
3.0	.62	.54	.48	.54	.47	.42	.38	.34	.31	.24	.22	.19	.11	.10	.08	.03
4.0	.54	.46	.40	.47	.40	.35	.34	.29	.26	.21	.18	.16	.10	.08	.07	.02
5.0	.48	.40	.34	.42	.35	.30	.30	.25	.22	.19	.16	.14	.08	.07	.06	.01
6.0	.43	.35	.29	.37	.30	.25	.27	.22	.18	.17	.14	.12	.08	.06	.05	.01
7.0	.38	.30	.25	.33	.27	.22	.24	.19	.16	.15	.12	.10	.07	.05	.04	.01
8.0	.34	.27	.22	.30	.23	.19	.21	.17	.14	.14	.11	.09	.06	.05	.04	.01
9.0	.31	.24	.19	.27	.21	.17	.19	.15	.12	.12	.10	.08	.06	.04	.03	.01
10.0	.28	.21	.17	.25	.19	.15	.18	.14	.11	.11	.09	.07	.05	.04	.03	.00



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 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.606m [K=1.0000]
 Remarks:

WEC AND CCEC

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SPEC.:	DIM.:	SERIAL No.: A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0	
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.316	.180	.057	.283	.161	.051	.220	.126	.040	.162	.093	.030	.109	.063	.020		
2.0	.275	.150	.046	.244	.134	.041	.186	.104	.032	.133	.075	.023	.084	.047	.015		
3.0	.246	.131	.039	.218	.117	.035	.165	.089	.027	.116	.063	.019	.070	.039	.012		
4.0	.223	.116	.034	.197	.103	.031	.148	.079	.024	.103	.055	.017	.061	.033	.010		
5.0	.205	.104	.030	.181	.093	.027	.135	.071	.021	.093	.049	.015	.054	.029	.009		
6.0	.189	.095	.027	.167	.084	.024	.125	.064	.019	.085	.044	.013	.049	.026	.008		
7.0	.175	.087	.025	.155	.077	.022	.116	.058	.017	.079	.040	.012	.044	.023	.007		
8.0	.163	.080	.022	.144	.071	.020	.108	.054	.015	.073	.037	.011	.041	.021	.006		
9.0	.153	.074	.021	.135	.066	.018	.101	.050	.014	.068	.034	.010	.038	.019	.006		
10.0	.143	.069	.019	.127	.061	.017	.094	.046	.013	.064	.032	.009	.035	.018	.005		

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.859	.859	.859	.734	.734	.734	.501	.501	.501	.288	.288	.288	.092	.092	.092	
1.0	.855	.830	.808	.732	.713	.696	.500	.490	.481	.288	.284	.280	.092	.091	.090	
2.0	.849	.811	.779	.727	.698	.673	.498	.483	.470	.287	.281	.275	.092	.091	.090	
3.0	.842	.797	.760	.722	.687	.659	.496	.477	.462	.286	.279	.272	.092	.091	.089	
4.0	.836	.786	.748	.717	.679	.649	.493	.473	.457	.285	.277	.271	.092	.090	.089	
5.0	.830	.777	.739	.713	.673	.643	.491	.470	.454	.284	.276	.269	.092	.090	.089	
6.0	.824	.771	.733	.708	.667	.638	.488	.467	.451	.283	.275	.268	.091	.090	.089	
7.0	.818	.765	.728	.704	.663	.634	.486	.465	.450	.282	.274	.268	.091	.090	.088	
8.0	.813	.760	.725	.700	.660	.632	.484	.463	.448	.282	.273	.267	.091	.090	.088	
9.0	.808	.756	.722	.696	.656	.630	.482	.461	.447	.281	.273	.267	.091	.089	.088	
10.0	.803	.753	.720	.692	.654	.628	.480	.460	.446	.280	.272	.266	.091	.089	.088	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
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Operators: DAMIN
Test Date: 2022-04-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 长方形220LED双向					TYPE:5189101118					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2022041602				
MFR.: EVERFINE					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	3.3	4.0	4.5	5.2	6.9	-6.1	-5.4	-4.9	-4.2	-2.5				
3H	8.0	8.7	9.3	9.9	11.6	-4.6	-3.9	-3.4	-2.7	-1.0				
4H	10.8	11.4	12.0	12.6	14.3	-4.0	-3.4	-2.8	-2.2	-0.5				
6H	14.0	14.6	15.2	15.8	17.5	-3.6	-3.0	-2.4	-1.8	-0.1				
8H	15.8	16.3	17.0	17.5	19.2	-3.4	-2.8	-2.1	-1.6	0.1				
12H	17.6	18.1	18.8	19.3	21.0	-3.2	-2.6	-1.9	-1.4	0.3				
4H 2H	3.8	4.4	5.0	5.6	7.3	-0.5	0.1	0.7	1.3	3.0				
3H	8.9	9.4	10.1	10.6	12.3	1.7	2.2	3.0	3.4	5.2				
4H	11.8	12.2	13.0	13.4	15.2	2.8	3.3	4.0	4.5	6.2				
6H	15.2	15.6	16.5	16.9	18.6	3.6	4.0	4.8	5.2	7.0				
8H	17.1	17.5	18.3	18.7	20.5	3.9	4.3	5.1	5.5	7.2				
12H	19.1	19.4	20.3	20.6	22.4	4.0	4.4	5.3	5.6	7.4				
8H 4H	12.2	12.5	13.4	13.8	15.5	7.0	7.4	8.3	8.6	10.4				
6H	16.0	16.3	17.2	17.5	19.3	8.8	9.1	10.0	10.3	12.1				
8H	18.1	18.4	19.3	19.6	21.4	9.4	9.7	10.7	11.0	12.7				
12H	20.3	20.6	21.6	21.8	23.6	10.0	10.2	11.2	11.5	13.3				
12H 4H	12.2	12.5	13.4	13.8	15.5	8.6	8.9	9.8	10.1	11.9				
6H	16.1	16.4	17.4	17.7	19.4	10.7	11.0	11.9	12.2	14.0				
8H	18.4	18.6	19.6	19.9	21.6	11.8	12.0	13.0	13.2	15.0				
Variations with the observer position at spacings:														
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1								
1.5H	+ 0.3 / - 0.4					+ 0.1 / - 0.1								
2.0H	+ 0.4 / - 0.5					+ 0.2 / - 0.2								

CIE Pub.117, 1607 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.6)
Area: 0.1 m2

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Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 长方形220LED双向	TYPE: 5189101118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022041602
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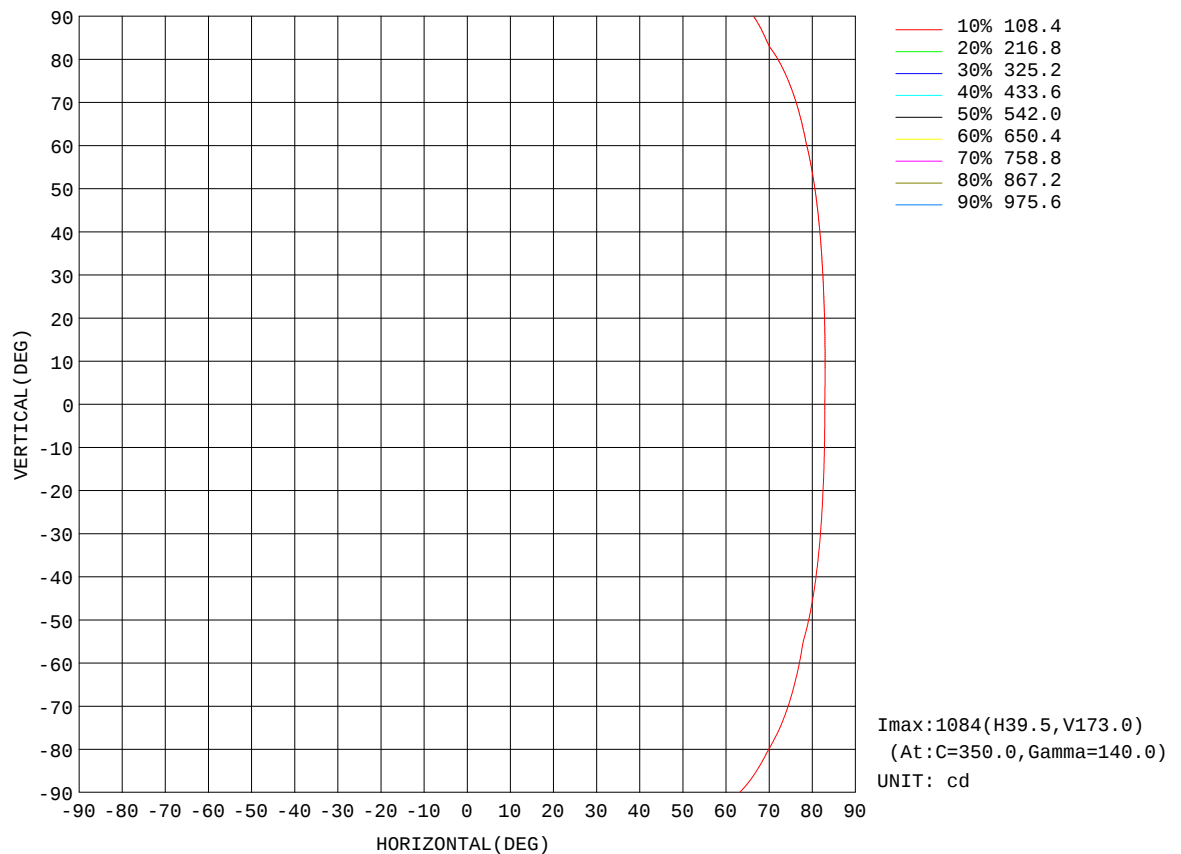
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	30	18	12	26	16	11	21	13	8	1
0.80	38	26	18	34	23	16	26	17	12	1
1.00	45	32	24	40	29	21	30	22	16	1
1.25	52	39	31	46	35	27	34	26	20	2
1.50	58	45	36	50	40	32	37	29	24	2
2.00	65	54	45	57	47	40	42	35	29	3
2.50	70	60	51	61	52	45	45	38	33	4
3.00	74	64	56	65	56	49	47	41	36	5
4.00	79	71	64	69	62	56	50	45	41	6
5.00	82	75	69	72	66	60	52	48	44	6
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

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ISOCANDELA DIAGRAM

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SPEC.:	DIM.:	SERIAL No.: A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:

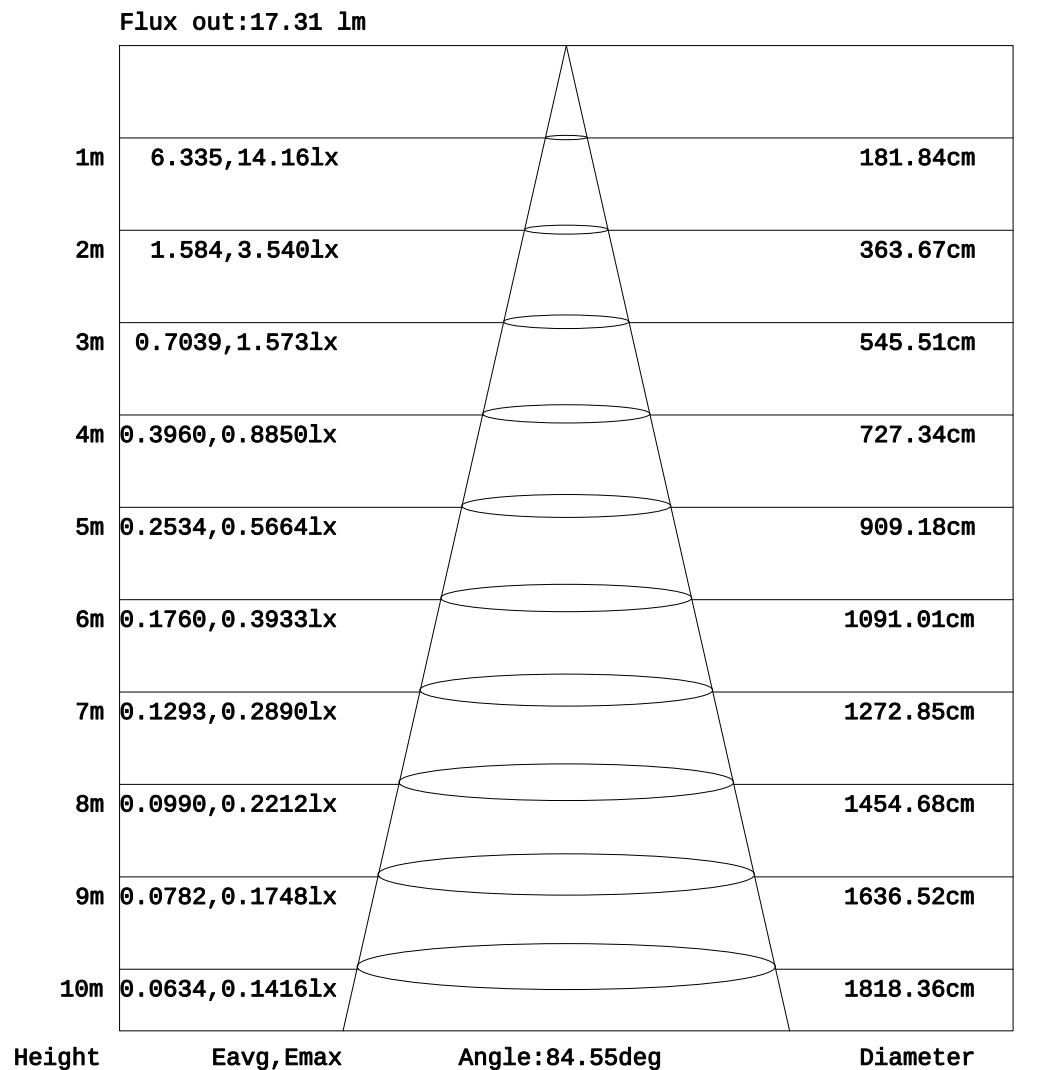


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AAI Figure

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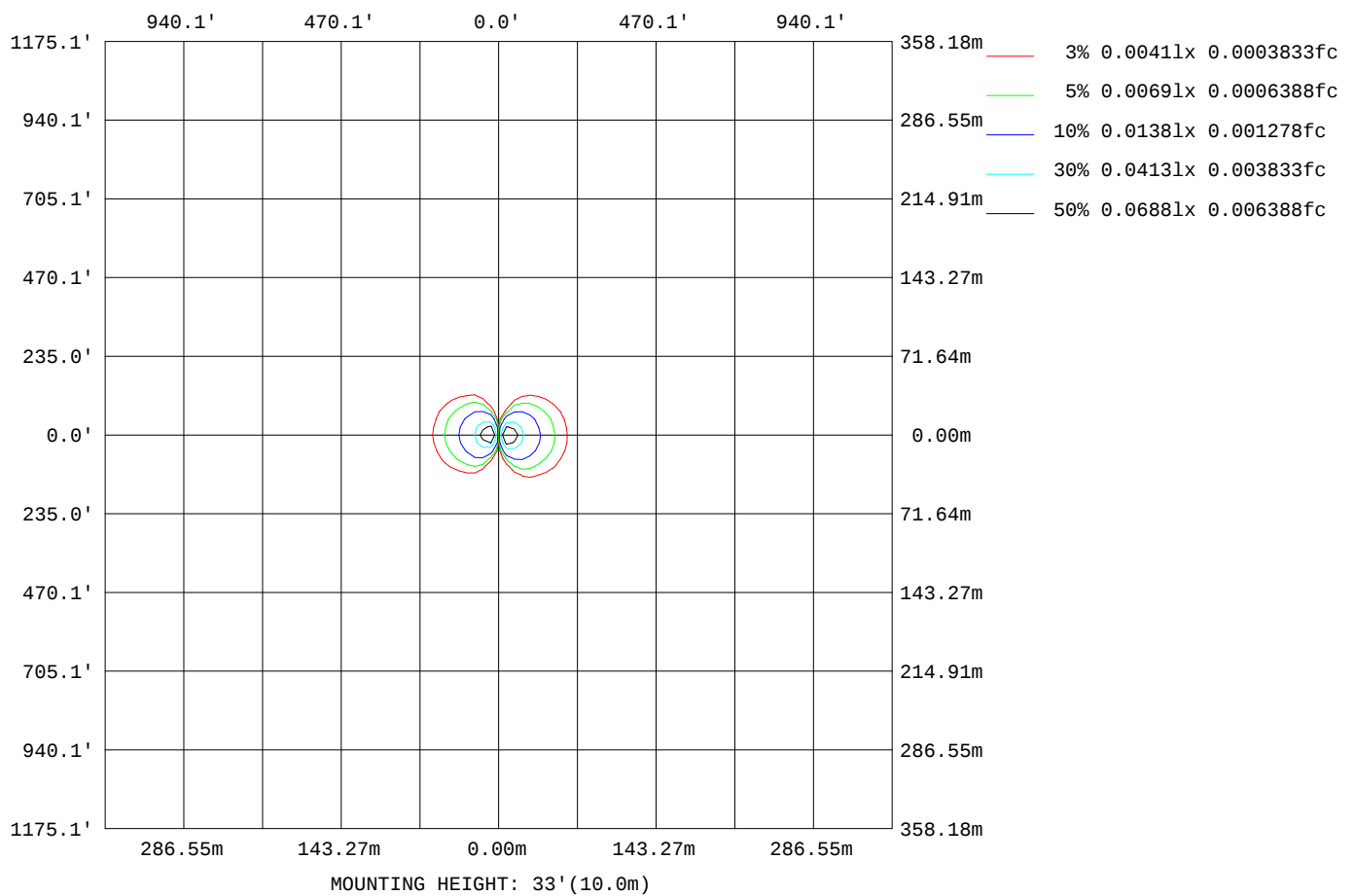
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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LED Avg.L Report

NAME: 长方形220LED双向	TYPE: 5189101118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:

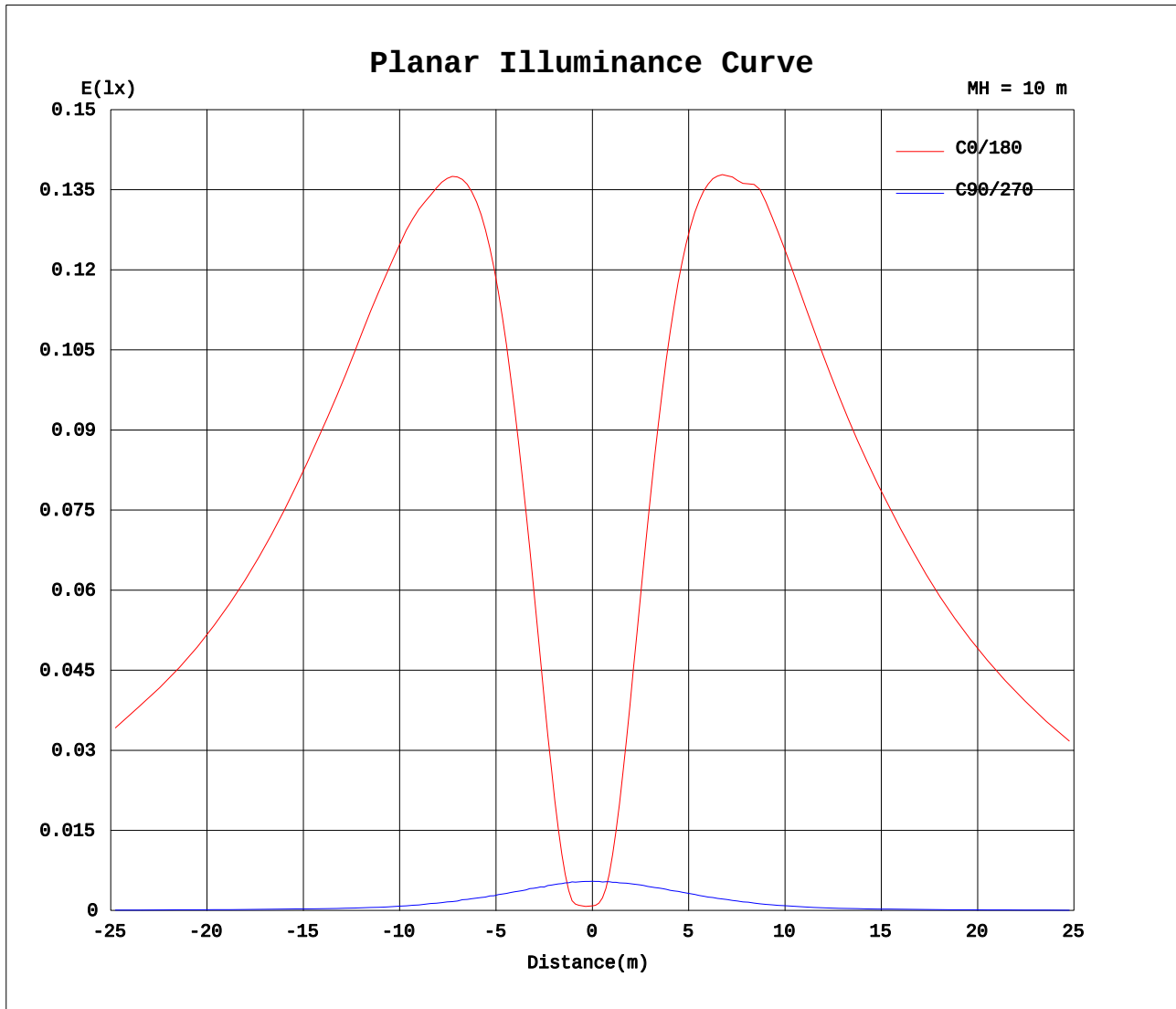
AvgL	cd/m2
L_0~180(65)av	1388
L_0~180(75)av	2992
L_0~180(85)av	12197
L_90~270(65)av	4
L_90~270(75)av	6
L_90~270(85)av	14
L_45(65)av	847
L_45(75)av	1867
L_45(85)av	7938

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-04-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.606m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 长方形220LED双向	TYPE:5189101118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	0.09	0.09	0.12	0.12	0.25	0.38	0.49	0.52	0.54	0.55	0.53	0.52	0.46	0.38	0.24	0.12	0.09	0.08	0.09
5	0.12	0.21	0.13	0.17	0.24	0.38	0.46	0.51	0.53	0.54	0.54	0.52	0.48	0.47	0.34	0.44	0.29	0.59	0.69
10	1.60	2.16	1.35	1.53	0.77	0.78	0.49	0.51	0.51	0.52	0.52	0.57	0.71	1.25	1.35	2.23	2.09	3.08	3.32
15	5.16	5.97	4.55	4.55	2.82	2.33	1.05	0.60	0.49	0.49	0.52	0.81	1.43	2.81	3.45	5.17	5.34	6.85	7.26
20	9.81	10.7	8.83	8.51	5.91	4.67	2.32	1.07	0.47	0.45	0.50	1.25	2.59	4.89	6.26	8.74	9.29	11.2	11.8
25	14.9	15.9	13.6	12.9	9.57	7.53	4.07	1.88	0.46	0.42	0.52	1.86	4.04	7.35	9.40	12.5	13.5	15.6	16.3
30	20.1	20.9	18.5	17.4	13.5	10.7	6.17	2.92	0.57	0.38	0.57	2.63	5.71	9.92	12.7	16.3	17.6	19.9	20.7
35	25.0	25.8	23.2	21.7	17.4	13.9	8.44	4.14	0.78	0.32	0.66	3.50	7.47	12.5	15.9	19.9	21.6	24.1	25.0
40	29.8	30.6	27.7	25.8	21.2	17.1	10.8	5.49	1.09	0.29	0.76	4.40	9.26	15.0	19.0	23.5	25.5	29.0	30.3
45	35.3	35.9	32.6	30.1	24.8	20.2	13.2	6.86	1.46	0.24	0.91	5.31	11.0	17.4	22.0	27.8	30.6	33.8	35.0
50	40.9	41.4	37.7	34.7	28.5	23.1	15.5	8.28	1.88	0.20	1.05	6.22	12.7	19.7	25.7	31.4	34.4	37.9	39.4
55	46.7	47.2	42.9	39.6	32.6	26.4	17.7	9.75	2.37	0.18	1.22	7.10	14.3	22.9	28.9	35.1	38.5	42.7	44.5
60	52.9	52.7	48.8	45.0	37.1	30.1	20.1	11.2	2.90	0.18	1.41	7.97	16.0	25.6	32.2	39.6	43.6	48.5	50.4
65	60.3	61.1	55.6	51.4	42.4	34.5	23.2	12.6	3.45	0.19	1.61	8.87	18.5	28.8	36.8	45.3	49.6	54.7	57.0
70	70.5	70.2	64.2	59.6	49.0	40.2	26.8	14.5	4.06	0.18	1.83	9.95	21.1	34.0	42.6	51.3	55.6	60.1	62.5
75	81.0	81.4	74.8	68.1	58.0	48.3	32.4	16.9	4.83	0.17	2.10	11.2	25.2	39.8	46.9	57.6	63.7	70.5	73.9
80	101	101	93.2	84.7	69.6	56.2	40.0	20.7	5.92	0.16	2.52	13.2	29.5	43.7	55.5	71.4	79.7	87.0	90.7
85	112	112	106	97.3	83.4	68.1	46.6	27.2	7.74	0.13	3.06	17.6	34.6	55.6	69.3	81.9	90.2	96.7	100
90	121	120	114	106	92.2	76.2	54.8	33.4	9.99	0.12	3.22	22.1	41.8	62.0	77.1	90.2	98.1	104	108
95	130	130	124	118	104	86.3	64.1	49.7	11.0	0.12	3.24	36.2	53.1	74.2	87.9	104	109	115	119
100	147	148	142	142	121	119	114	106	11.0	0.11	2.78	57.6	127	103	125	146	135	140	141
105	184	194	189	212	191	177	226	168	9.21	0.10	2.09	89.9	189	257	232	176	173	182	187
110	264	262	255	259	284	389	349	214	5.39	0.09	1.68	70.3	292	336	371	417	428	411	398
115	389	425	449	560	520	532	434	137	3.85	0.09	1.34	13.9	345	475	461	506	526	545	561
120	656	679	660	704	663	613	498	21.8	3.01	0.09	1.02	7.41	289	554	618	610	608	639	647
125	846	859	829	813	750	700	315	9.67	2.39	0.10	0.78	5.64	37.9	620	700	771	748	745	767
130	929	915	901	908	850	602	54.1	7.54	1.91	0.09	0.59	4.30	13.6	63.6	807	859	861	892	918
135	1003	1018	1009	998	774	120	14.4	5.91	1.50	0.09	0.44	3.19	9.25	23.2	124	841	972	977	972
140	1079	1078	934	382	75.5	18.4	10.5	4.56	1.14	0.09	0.32	2.33	6.88	11.9	39.1	175	666	703	951
145	175	101	89.5	38.6	22.8	12.2	7.90	3.45	0.83	0.10	0.24	1.62	4.97	8.62	14.3	22.8	59.8	131	63.7
150	34.4	24.9	25.1	15.8	13.4	8.76	5.81	2.44	0.58	0.09	0.17	1.05	3.39	5.96	9.89	12.0	17.0	17.8	20.0
155	15.2	13.5	13.6	10.5	9.14	5.98	3.97	1.59	0.40	0.10	0.15	0.62	2.16	3.80	6.58	7.91	10.5	10.7	11.2
160	9.48	8.35	8.57	6.58	5.82	3.71	2.51	0.94	0.27	0.09	0.11	0.34	1.16	2.04	3.88	4.64	6.46	6.33	6.26
165	5.29	4.56	4.79	3.61	3.23	1.94	1.29	0.50	0.20	0.10	0.10	0.16	0.53	0.95	1.84	2.19	2.89	2.77	2.93
170	2.25	1.83	2.00	1.42	1.32	0.71	0.49	0.19	0.15	0.09	0.09	0.10	0.18	0.30	0.63	0.73	1.08	1.02	1.05
175	0.41	0.32	0.40	0.20	0.20	0.13	0.12	0.11	0.09	0.08	0.08	0.09	0.08	0.09	0.11	0.10	0.15	0.14	0.15
180	0.08	0.07	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.08	0.08

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 长方形220LED双向	TYPE: 5189101118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022041602
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	0.09	0.12	0.12	0.25	0.38	0.49	0.52	0.54	0.55	0.53	0.52	0.46	0.38	0.24	0.12	0.09	0.08		
5	0.38	0.61	0.34	0.53	0.47	0.55	0.53	0.54	0.55	0.52	0.50	0.44	0.37	0.27	0.13	0.17	0.13		
10	2.51	2.98	1.96	2.04	1.24	1.06	0.63	0.57	0.54	0.51	0.49	0.49	0.52	0.97	0.95	1.82	1.51		
15	6.16	6.66	4.96	4.63	2.95	2.18	1.03	0.60	0.52	0.47	0.49	0.95	1.53	3.00	3.43	5.15	4.90		
20	10.6	10.9	8.61	7.80	5.27	3.77	1.69	0.71	0.50	0.46	0.63	1.95	3.40	5.95	6.95	9.38	9.33		
25	15.1	15.2	12.6	11.3	7.97	5.63	2.60	0.90	0.46	0.43	1.01	3.41	5.80	9.31	11.0	14.0	14.3		
30	19.5	19.3	16.5	14.7	10.8	7.65	3.67	1.16	0.41	0.40	1.63	5.14	8.47	13.0	15.3	18.7	19.3		
35	23.8	23.4	20.2	18.0	13.6	9.73	4.84	1.47	0.38	0.39	2.44	7.03	11.4	16.6	19.5	23.2	24.0		
40	28.4	27.6	24.0	21.3	16.3	11.8	6.03	1.80	0.31	0.43	3.36	9.03	14.3	20.2	23.5	27.5	28.7		
45	33.5	32.6	28.4	24.5	19.0	13.8	7.27	2.18	0.26	0.52	4.35	11.1	17.1	23.6	27.4	32.3	33.9		
50	37.8	36.6	32.3	28.5	21.5	15.6	8.45	2.56	0.20	0.67	5.39	13.1	19.9	27.2	31.9	37.4	39.3		
55	42.4	41.0	36.1	31.8	24.9	17.5	9.59	2.97	0.17	0.87	6.50	15.1	22.7	31.1	36.5	42.5	44.8		
60	48.2	46.7	40.5	35.5	27.7	20.3	10.7	3.38	0.16	1.11	7.63	17.1	25.9	35.5	41.5	48.3	50.8		
65	54.8	52.8	46.0	40.7	31.1	22.6	11.9	3.80	0.15	1.37	8.75	19.6	30.0	40.6	47.2	56.0	57.9		
70	60.6	58.8	52.9	47.1	36.2	26.1	13.6	4.28	0.15	1.69	10.0	23.3	34.7	47.1	54.8	64.1	67.5		
75	71.1	68.1	58.5	52.0	42.7	31.5	15.3	4.93	0.13	2.08	11.6	27.6	41.2	55.1	63.2	73.6	78.3		
80	88.1	84.5	74.1	63.4	46.7	35.0	18.0	5.94	0.13	2.71	13.7	34.2	47.8	65.6	79.0	92.4	97.5		
85	98.1	94.3	85.4	75.2	59.2	43.8	22.6	7.72	0.12	3.43	17.9	40.9	59.6	79.6	92.5	104	109		
90	106	102	93.4	83.5	67.6	50.9	29.2	9.49	0.11	3.74	23.5	48.1	68.6	87.9	101	112	118		
95	116	114	106	97.9	77.8	64.3	40.8	9.82	0.11	3.78	31.6	58.2	78.6	98.8	113	123	128		
100	137	140	135	134	109	119	83.7	9.16	0.10	3.21	62.4	102	113	122	137	144	145		
105	183	178	171	213	251	208	130	6.43	0.10	2.39	98.0	213	174	187	202	205	189		
110	353	434	422	386	335	291	169	3.83	0.08	1.93	118	296	352	349	256	264	262		
115	539	542	506	477	431	383	100.0	2.79	0.09	1.60	30.5	369	482	559	511	482	424		
120	637	624	603	606	562	430	19.9	2.13	0.09	1.32	9.89	356	560	641	665	683	660		
125	746	760	774	719	629	59.7	8.17	1.60	0.09	1.10	7.39	44.7	642	734	771	818	850		
130	901	888	858	802	442	20.7	6.28	1.20	0.08	0.91	5.81	15.5	322	825	875	901	907		
135	970	984	955	360	51.1	10.4	4.83	0.87	0.09	0.73	4.55	10.8	46.5	381	974	1005	1011		
140	921	458	111	42.2	16.3	7.84	3.57	0.58	0.09	0.56	3.49	8.20	16.2	40.2	312	679	1085		
145	81.5	76.5	39.8	14.3	10.5	5.36	2.12	0.39	0.09	0.43	2.65	6.09	11.6	16.2	45.2	59.6	108		
150	24.3	15.4	14.0	9.95	6.92	3.49	1.52	0.26	0.10	0.33	1.91	4.36	8.31	11.3	16.3	18.1	29.3		
155	12.1	9.96	9.28	5.80	4.58	2.21	0.99	0.19	0.09	0.25	1.24	2.94	5.70	7.60	10.9	11.8	14.3		
160	6.90	5.50	5.24	3.05	2.42	1.27	0.54	0.14	0.11	0.20	0.76	1.67	3.57	4.69	6.83	7.21	8.98		
165	3.37	2.45	2.17	1.41	1.17	0.54	0.25	0.11	0.11	0.16	0.37	0.81	1.83	2.42	3.75	3.92	4.94		
170	1.21	0.90	0.92	0.53	0.42	0.15	0.12	0.10	0.10	0.11	0.18	0.28	0.62	0.79	1.28	1.38	2.04		
175	0.20	0.12	0.11	0.09	0.08	0.09	0.08	0.08	0.09	0.09	0.09	0.10	0.13	0.13	0.19	0.19	0.35		
180	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.08	0.07	0.08	0.08	0.07	0.08	0.08		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-04-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.606m [K=1.0000]
 Remarks: