

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

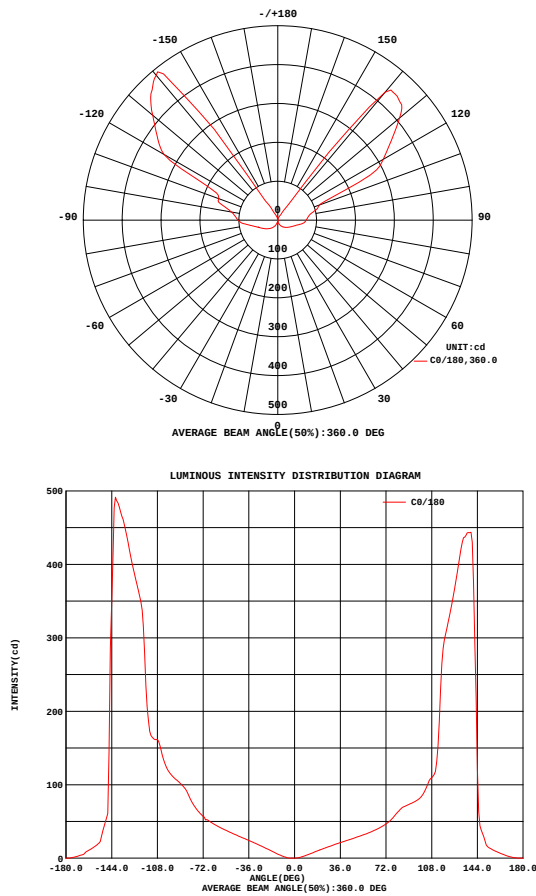


Fig. C0/C180

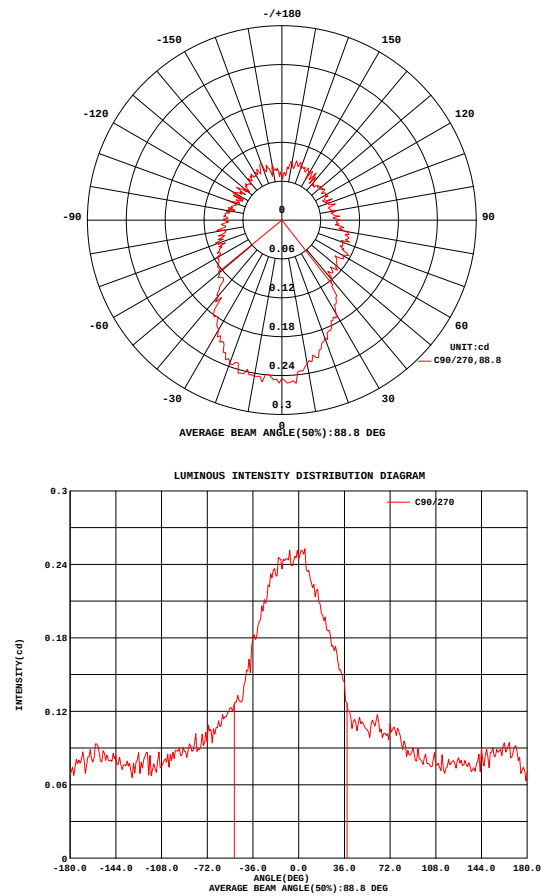


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-22

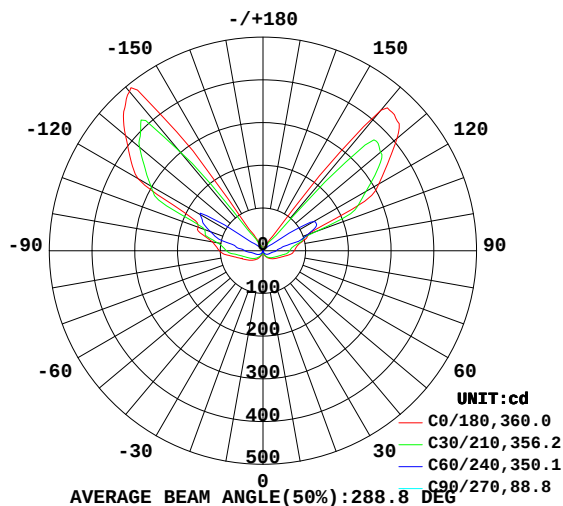
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

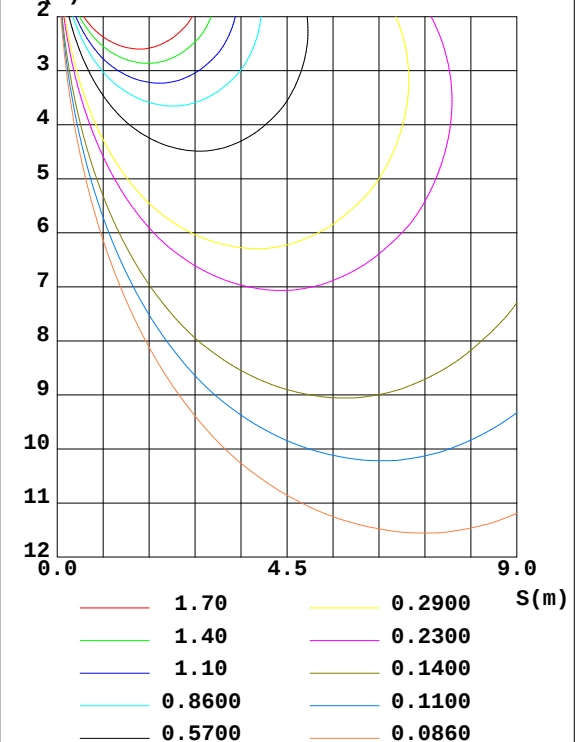
NAME: 长方形140LED双向(ERP)壁灯	TYPE: 5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 84.90 lm/W
MODEL		Imax(cd)	491.3	S/MH(C0/180)	24.52	
NOMINAL POWER(W)	9.89	LOR(%)	100.0	S/MH(C90/270)	1.20	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	839.42	η UP, DN(C0-180)	40.2, 9.1	
NOMINAL FLUX(lm)	839.425	CIE CLASS	SEMI-IND.	η UP, DN(C180-360)	41.4, 9.3	
LAMPS INSIDE	1	η up(%)	81.6	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	230	η down(%)	18.4	CIBSE SHR MAX	1.10	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-04-22

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

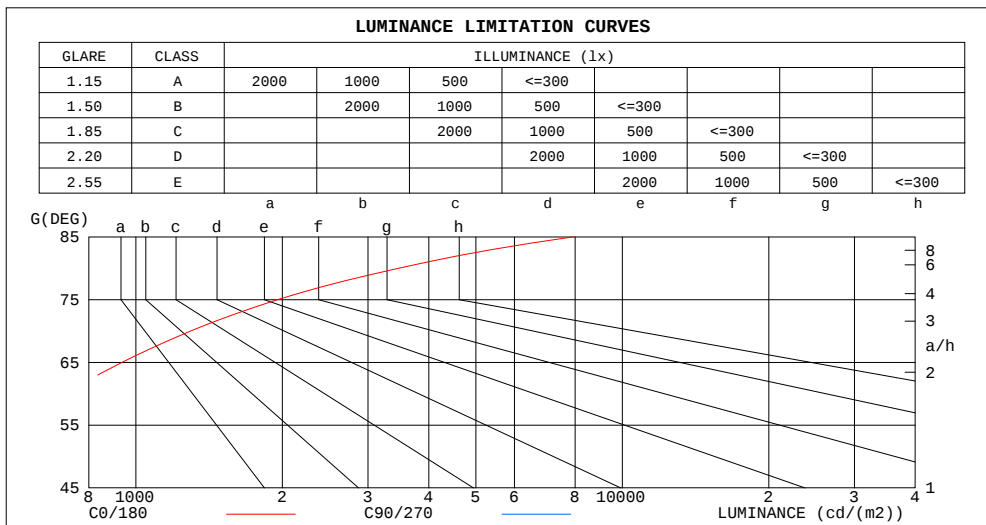
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4.395	2.853	0.2249	1.080	3.239	1.120	0.2447	2.983	0- 10	0.1041	0.1041	0.01,0.01
20	11.22	7.401	0.1939	5.939	11.37	5.872	0.2353	7.612	10- 20	1.209	1.313	0.16,0.16
30	17.60	11.97	0.1678	11.80	19.56	11.60	0.1946	12.18	20- 30	3.978	5.292	0.63,0.63
40	23.43	16.13	0.1200	17.37	27.11	17.04	0.1529	16.39	30- 40	8.096	13.39	1.59,1.59
50	29.25	19.86	0.1115	22.44	34.64	22.08	0.1275	20.18	40- 50	13.10	26.49	3.16,3.16
60	35.62	23.56	0.1079	27.46	43.06	27.21	0.1176	24.06	50- 60	18.78	45.27	5.39,5.39
70	44.35	28.44	0.1016	33.47	51.88	33.56	0.1039	29.37	60- 70	25.33	70.60	8.41,8.41
80	60.30	37.06	0.1001	44.01	74.04	45.00	0.0872	39.08	70- 80	34.36	105.0	12.5,12.5
90	73.17	48.97	0.0902	65.87	101.9	67.07	0.0872	50.19	80- 90	49.32	154.3	18.4,18.4
100	84.29	64.20	0.0850	87.34	120.9	96.22	0.0797	66.88	90-100	62.14	216.4	25.8,25.8
110	113.9	152.6	0.0775	146.4	161.5	167.5	0.0867	172.8	100-110	89.43	305.8	36.4,36.4
120	313.4	240.1	0.0774	252.9	337.6	261.3	0.0865	249.2	110-120	152.1	457.9	54.6,54.6
130	409.3	205.6	0.0761	308.5	420.0	291.3	0.0777	226.2	120-130	186.8	644.8	76.8,76.8
140	430.1	22.64	0.0770	84.21	486.4	38.18	0.0764	20.63	130-140	150.4	795.2	94.7,94.7
150	23.40	8.982	0.0738	15.11	43.28	14.24	0.0805	8.804	140-150	39.08	834.3	99.4,99.4
160	8.129	3.907	0.0838	7.617	12.77	7.104	0.0934	3.869	150-160	4.114	838.4	99.9,99.9
170	1.802	0.6969	0.0909	2.114	3.136	1.631	0.0868	0.5721	160-170	0.9520	839.4	100,100
180	0.0737	0.0692	0.0704	0.0659	0.0684	0.0669	0.0681	0.0689	170-180	0.0593	839.4	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:2022-04-22

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140LED双向(ERP)壁灯	TYPE: 5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:



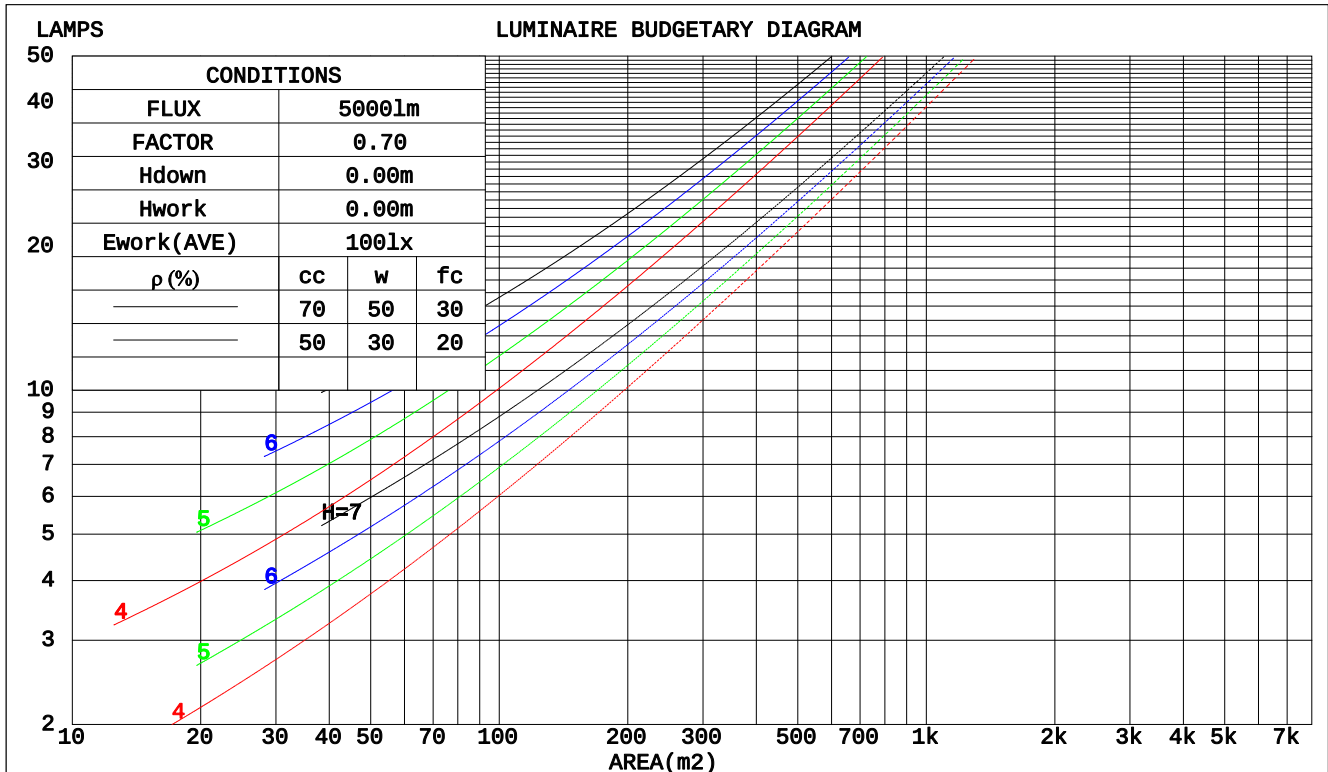
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Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.606m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 长方形140LED双向(ERP)壁灯	TYPE: 5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022042301
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	.00	.00	.00	.88	.88	.88	.66	.66	.66	.46	.46	.46	.27	.27	.27	.18
1.0	.83	.78	.74	.72	.68	.65	.53	.50	.48	.36	.34	.32	.19	.18	.17	.10
2.0	.71	.64	.58	.62	.56	.51	.45	.41	.38	.30	.27	.25	.16	.14	.13	.06
3.0	.61	.54	.47	.54	.47	.42	.39	.35	.31	.26	.23	.20	.13	.12	.10	.04
4.0	.54	.46	.39	.47	.40	.35	.34	.29	.25	.23	.19	.17	.12	.10	.08	.03
5.0	.47	.39	.33	.42	.34	.29	.30	.25	.21	.20	.17	.14	.10	.08	.07	.02
6.0	.42	.34	.28	.37	.30	.25	.27	.22	.18	.18	.14	.12	.09	.07	.06	.02
7.0	.38	.30	.24	.33	.26	.21	.24	.19	.16	.16	.13	.10	.08	.06	.05	.02
8.0	.34	.26	.21	.30	.23	.18	.22	.17	.14	.14	.11	.09	.07	.05	.04	.01
9.0	.31	.23	.18	.27	.21	.16	.20	.15	.12	.13	.10	.08	.07	.05	.04	.01
10.0	.28	.21	.16	.25	.18	.14	.18	.14	.10	.12	.09	.07	.06	.04	.03	.01



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
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 Operators: DAMIN
 Test Date: 2022-04-22

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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

NAME: 长方形140LED双向(ERP)壁灯	TYPE:5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022042301
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	.342	.194	.062	.310	.177	.056	.250	.143	.046	.195	.113	.036	.145	.084	.027		
2.0	.291	.159	.049	.262	.144	.044	.207	.115	.036	.157	.088	.028	.110	.062	.020		
3.0	.258	.137	.041	.231	.124	.037	.181	.098	.030	.135	.074	.023	.092	.051	.016		
4.0	.233	.121	.036	.208	.109	.032	.162	.086	.026	.119	.064	.019	.079	.043	.013		
5.0	.212	.108	.031	.190	.097	.028	.147	.076	.023	.107	.056	.017	.070	.037	.011		
6.0	.195	.098	.028	.174	.088	.025	.135	.069	.020	.097	.051	.015	.063	.033	.010		
7.0	.180	.089	.025	.161	.080	.023	.124	.063	.018	.090	.046	.013	.057	.030	.009		
8.0	.168	.082	.023	.150	.074	.021	.115	.058	.016	.083	.042	.012	.052	.027	.008		
9.0	.157	.076	.021	.140	.068	.019	.108	.053	.015	.077	.039	.011	.049	.025	.007		
10.0	.147	.070	.020	.131	.063	.018	.101	.049	.014	.072	.036	.010	.045	.023	.007		

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.812	.812	.812	.694	.694	.694	.474	.474	.474	.272	.272	.272	.087	.087	.087	
1.0	.810	.783	.759	.693	.672	.653	.474	.462	.452	.273	.267	.263	.087	.086	.085	
2.0	.803	.763	.729	.688	.657	.630	.472	.454	.440	.272	.264	.258	.087	.086	.084	
3.0	.797	.749	.711	.683	.646	.616	.469	.449	.432	.271	.262	.255	.087	.085	.083	
4.0	.790	.738	.698	.678	.638	.607	.466	.444	.427	.270	.260	.253	.087	.085	.083	
5.0	.784	.730	.690	.673	.631	.600	.464	.441	.424	.269	.259	.251	.087	.084	.083	
6.0	.778	.723	.683	.668	.626	.595	.461	.438	.421	.267	.258	.250	.086	.084	.083	
7.0	.772	.717	.679	.664	.622	.592	.459	.436	.419	.266	.257	.250	.086	.084	.083	
8.0	.766	.712	.675	.659	.618	.589	.456	.434	.418	.265	.256	.249	.086	.084	.082	
9.0	.761	.708	.673	.655	.615	.587	.454	.432	.417	.264	.255	.248	.086	.084	.082	
10.0	.756	.705	.671	.651	.612	.585	.452	.431	.416	.264	.255	.248	.085	.084	.082	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-22

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140LED双向(ERP)壁灯					TYPE:5189102032					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2022042301				
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					5.2	6.0	6.3	7.1	8.7	-3.1	-2.3	-2.0	-1.2	0.4
3H					9.6	10.3	10.8	11.5	13.1	-1.7	-1.0	-0.6	0.1	1.7
4H					12.2	12.9	13.4	14.0	15.7	-1.3	-0.6	-0.1	0.5	2.2
6H					15.2	15.9	16.4	17.0	18.7	-1.0	-0.4	0.2	0.8	2.5
8H					16.9	17.5	18.1	18.7	20.3	-0.9	-0.3	0.3	0.9	2.6
12H					18.8	19.3	19.9	20.5	22.2	-0.8	-0.2	0.4	1.0	2.6
4H 2H					5.7	6.3	6.8	7.5	9.1	1.5	2.2	2.7	3.3	5.0
3H					10.4	10.9	11.5	12.1	13.8	3.6	4.2	4.8	5.3	7.0
4H					13.2	13.7	14.4	14.8	16.5	4.6	5.1	5.7	6.2	7.9
6H					16.4	16.9	17.6	18.1	19.8	5.3	5.7	6.5	6.9	8.6
8H					18.3	18.7	19.5	19.9	21.6	5.5	5.9	6.7	7.1	8.8
12H					20.2	20.6	21.4	21.8	23.5	5.6	5.9	6.8	7.1	8.8
8H 4H					13.5	13.9	14.7	15.1	16.8	8.4	8.8	9.6	10.0	11.7
6H					17.1	17.5	18.3	18.7	20.4	9.9	10.2	11.1	11.4	13.2
8H					19.2	19.5	20.4	20.7	22.4	10.5	10.8	11.7	12.0	13.7
12H					21.5	21.7	22.7	22.9	24.7	11.0	11.2	12.2	12.4	14.2
12H 4H					13.5	13.9	14.7	15.1	16.8	9.7	10.1	10.9	11.3	13.0
6H					17.3	17.6	18.5	18.8	20.5	11.7	12.0	12.9	13.2	15.0
8H					19.5	19.7	20.7	21.0	22.7	12.7	13.0	13.9	14.2	15.9
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					+ 0.3 / - 0.2				

CIE Pub.117, 839.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.6)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-22

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:

UTILIZATION FACTORS TABLE

NAME: 长方形140LED双向(ERP)壁灯	TYPE: 5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:

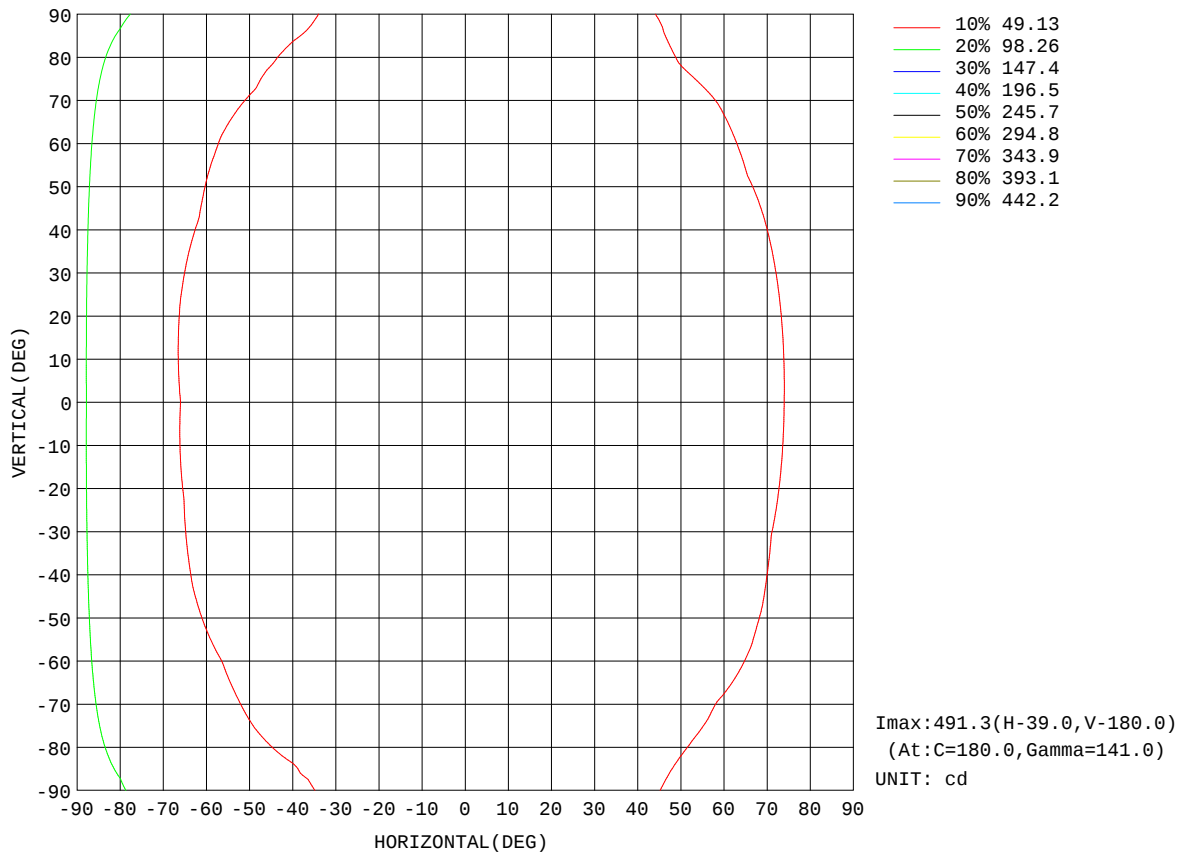
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	30	19	12	27	17	11	22	13	9	1
0.80	39	26	18	35	23	16	27	18	13	2
1.00	46	32	24	41	29	21	31	23	17	3
1.25	53	39	30	47	35	27	36	27	21	3
1.50	58	45	36	51	40	32	39	30	24	4
2.00	66	54	44	58	47	40	43	36	30	6
2.50	71	59	51	62	53	45	47	40	34	7
3.00	75	64	56	66	57	50	49	43	37	7
4.00	80	71	63	70	62	56	52	47	42	9
5.00	83	75	68	73	66	61	54	50	46	10
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
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Operators: DAMIN
Test Date: 2022-04-22

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:

ISOCANDELA DIAGRAM

NAME: 长方形140LED双向(ERP)壁灯	TYPE: 5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:



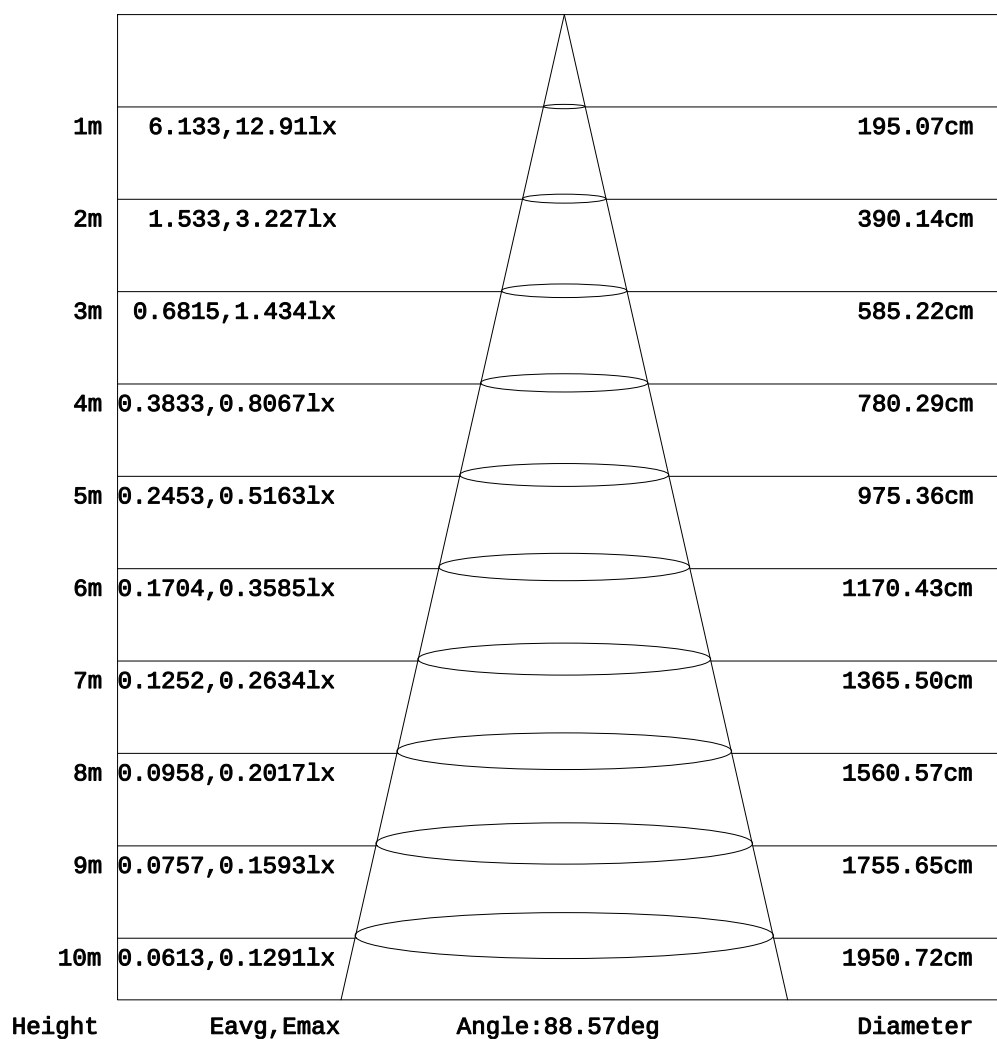
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Remarks:

AAI Figure

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SPEC.:	DIM.:	SERIAL No.: A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out: 19.27 lm



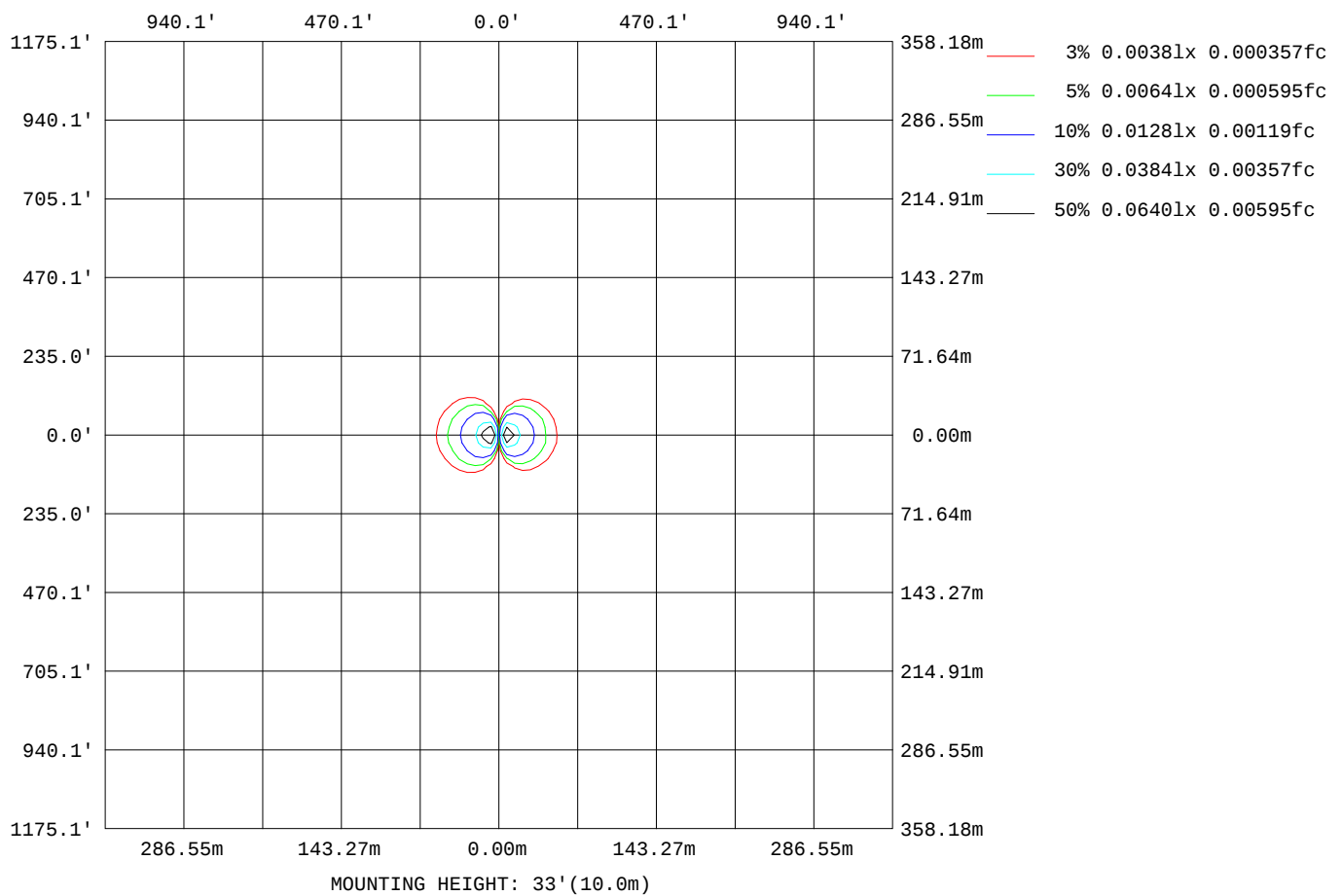
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

NAME: 长方形140LED双向(ERP)壁灯	TYPE: 5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:



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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:

LED Avg.L Report

NAME: 长方形140LED双向(ERP)壁灯	TYPE: 5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:

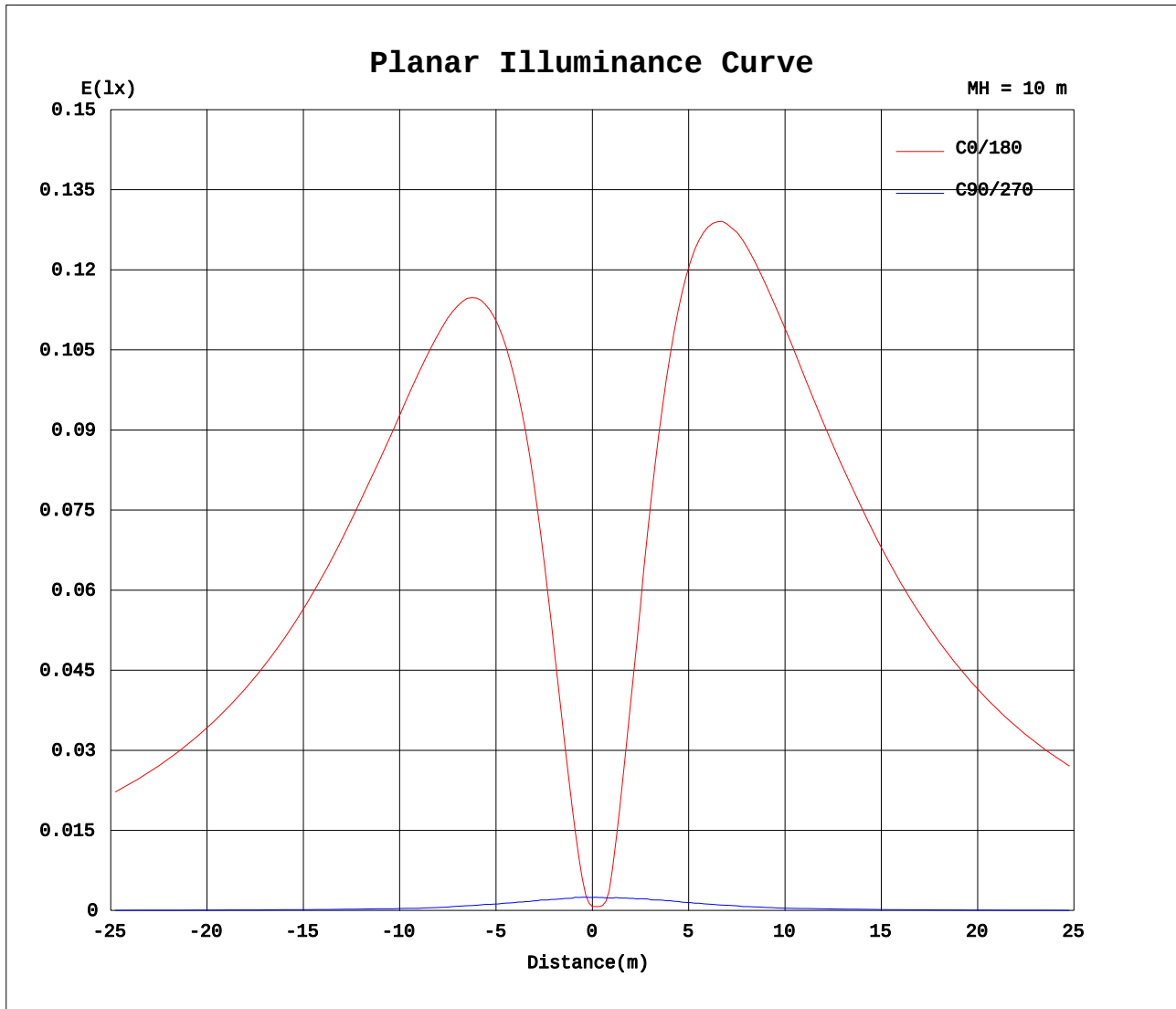
AvgL	cd/m2
L_0~180(65)av	1036
L_0~180(75)av	2182
L_0~180(85)av	9238
L_90~270(65)av	3
L_90~270(75)av	4
L_90~270(85)av	10
L_45(65)av	668
L_45(75)av	1372
L_45(85)av	5808

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-04-22

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: 2022-04-22

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140LED双向(ERP)壁灯	TYPE:5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	0.08	0.16	0.10	0.16	0.13	0.20	0.21	0.26	0.24	0.24	0.25	0.22	0.22	0.15	0.16	0.08	0.15	0.08	0.08
5	1.47	1.99	1.33	1.62	0.99	1.09	0.62	0.53	0.31	0.25	0.22	0.20	0.18	0.14	0.11	0.21	0.13	0.35	0.38
10	4.40	5.01	3.99	4.17	2.96	2.74	1.65	1.14	0.45	0.22	0.21	0.20	0.31	1.00	1.16	2.26	2.10	3.08	3.24
15	7.82	8.41	7.16	7.09	5.40	4.71	2.98	1.91	0.67	0.22	0.21	0.47	1.26	2.94	3.61	5.39	5.48	6.87	7.12
20	11.2	11.7	10.4	10.0	7.98	6.82	4.47	2.78	0.94	0.19	0.19	1.20	2.78	5.29	6.59	8.99	9.41	11.0	11.4
25	14.5	14.9	13.4	12.8	10.5	8.93	6.04	3.69	1.25	0.18	0.26	2.19	4.54	7.91	9.83	12.7	13.4	15.2	15.6
30	17.6	17.9	16.4	15.5	13.0	10.9	7.60	4.62	1.55	0.17	0.43	3.27	6.46	10.6	13.0	16.3	17.2	19.1	19.6
35	20.6	20.8	19.2	18.2	15.3	12.9	9.10	5.53	1.85	0.15	0.74	4.40	8.44	13.2	16.2	19.7	20.9	22.9	23.4
40	23.4	23.6	21.9	20.6	17.6	14.7	10.5	6.40	2.15	0.12	1.12	5.59	10.4	15.6	19.1	22.9	24.4	26.5	27.1
45	26.2	26.3	24.4	22.9	19.6	16.5	11.8	7.23	2.43	0.11	1.51	6.78	12.3	18.0	21.9	26.1	27.8	30.2	30.8
50	29.2	29.3	27.1	25.3	21.6	18.1	13.0	7.97	2.69	0.11	1.94	7.91	14.0	20.2	24.6	29.2	31.3	33.9	34.6
55	32.3	32.2	29.8	27.8	23.6	19.7	14.2	8.66	2.92	0.10	2.35	8.97	15.7	22.5	27.4	32.4	34.9	37.8	38.8
60	35.6	35.6	32.7	30.4	25.8	21.3	15.3	9.30	3.13	0.11	2.75	9.97	17.3	24.7	30.2	35.8	38.6	41.9	43.1
65	39.6	39.6	36.2	33.5	28.2	23.3	16.5	9.90	3.29	0.11	3.13	10.9	18.9	27.2	33.3	39.6	42.9	46.7	48.0
70	44.3	44.4	40.5	37.5	31.3	25.6	17.9	10.5	3.42	0.10	3.52	11.9	20.7	30.1	36.9	44.3	48.0	52.5	51.9
75	50.7	51.0	46.0	42.6	35.2	28.9	19.6	11.3	3.59	0.11	3.92	13.1	22.9	33.9	41.7	50.5	54.7	60.1	62.3
80	60.3	60.8	54.2	50.3	40.7	33.4	22.2	12.4	3.86	0.10	4.41	14.6	25.9	39.5	48.5	59.3	65.2	71.4	74.0
85	69.1	68.1	63.0	58.3	49.1	40.2	26.5	14.9	4.19	0.08	5.05	17.4	31.0	48.4	59.1	73.8	80.7	88.8	91.9
90	73.2	72.2	67.9	62.5	53.7	44.2	31.3	18.1	4.31	0.09	5.59	22.6	40.0	58.8	73.0	85.4	92.9	99.1	102
95	77.3	76.4	71.9	66.9	57.7	48.0	34.6	20.9	4.13	0.08	5.87	27.1	45.6	65.4	80.7	93.1	101	107	110
100	84.3	83.9	79.3	76.8	67.5	60.9	44.6	28.3	3.72	0.09	5.86	35.4	61.1	81.3	93.4	106	111	118	121
105	101	103	98.9	95.3	80.9	79.8	86.4	34.5	3.08	0.07	5.38	47.6	82.5	95.9	120	135	137	142	146
110	114	113	109	132	154	151	112	35.6	2.55	0.08	4.65	56.2	126	165	128	144	153	159	162
115	230	252	250	243	215	186	138	14.4	2.17	0.07	4.07	52.3	152	205	233	227	182	184	187
120	313	312	302	279	256	224	137	9.13	1.84	0.08	3.64	17.8	172	238	268	299	322	330	338
125	356	356	340	325	301	230	42.2	7.10	1.53	0.08	3.27	11.3	150	265	305	333	358	370	379
130	409	406	390	359	315	96.3	18.0	5.72	1.23	0.08	2.88	9.64	32.5	281	336	373	392	411	420
135	440	431	412	367	186	25.2	10.7	4.57	0.94	0.08	2.49	8.15	20.2	49.5	360	402	431	449	461
140	430	375	303	47.3	32.2	13.1	8.29	3.51	0.70	0.08	2.11	6.77	13.8	28.9	140	319	464	475	486
145	63.9	40.5	46.7	24.0	15.1	9.77	6.33	2.56	0.48	0.08	1.74	5.44	11.0	16.2	36.0	48.1	183	271	286
150	23.4	16.7	16.7	12.7	10.8	7.13	4.63	1.64	0.32	0.07	1.37	4.17	8.57	12.4	17.9	21.4	41.3	42.1	43.3
155	12.5	11.1	11.2	8.79	7.62	4.90	3.11	1.07	0.20	0.08	1.04	3.07	6.38	9.07	13.1	14.9	18.6	18.6	19.0
160	8.13	7.16	7.30	5.60	4.90	2.91	1.70	0.61	0.12	0.08	0.73	2.09	4.39	6.16	9.07	10.2	12.7	12.6	12.8
165	4.61	3.91	4.09	2.92	2.52	1.31	0.84	0.27	0.09	0.09	0.42	1.16	2.66	3.59	5.61	6.08	7.94	7.62	7.38
170	1.80	1.39	1.51	1.01	0.90	0.49	0.31	0.11	0.08	0.09	0.25	0.46	0.91	1.60	2.63	2.87	3.69	3.47	3.14
175	0.28	0.20	0.23	0.14	0.14	0.08	0.08	0.07	0.08	0.07	0.10	0.13	0.21	0.21	0.42	0.51	1.03	0.94	0.96
180	0.07	0.08	0.07	0.07	0.07	0.07	0.06	0.07	0.06	0.07	0.07	0.06	0.06	0.06	0.07	0.08	0.07	0.07	0.07

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-22

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140LED双向(ERP)壁灯	TYPE:5189102032	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2022042301
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	0.16	0.10	0.16	0.13	0.20	0.21	0.26	0.24	0.24	0.25	0.22	0.22	0.15	0.16	0.08	0.15	0.08		
5	0.17	0.30	0.12	0.17	0.17	0.20	0.22	0.23	0.24	0.35	0.44	0.84	0.82	1.41	1.19	1.87	1.44		
10	2.38	2.74	1.66	1.61	0.63	0.42	0.23	0.22	0.24	0.54	1.04	1.99	2.40	3.57	3.57	4.72	4.31		
15	6.00	6.27	4.62	4.13	2.36	1.48	0.34	0.22	0.24	0.83	1.83	3.43	4.36	6.11	6.47	7.94	7.67		
20	10.1	10.3	8.09	7.18	4.57	2.98	0.88	0.20	0.24	1.17	2.75	5.02	6.50	8.72	9.49	11.1	11.0		
25	14.3	14.2	11.7	10.4	7.06	4.69	1.71	0.25	0.21	1.52	3.72	6.62	8.65	11.2	12.3	14.1	14.2		
30	18.3	18.0	15.3	13.5	9.68	6.55	2.67	0.35	0.19	1.87	4.69	8.20	10.7	13.7	15.1	17.1	17.3		
35	22.1	21.6	18.7	16.5	12.2	8.44	3.71	0.54	0.18	2.23	5.66	9.69	12.7	16.0	17.7	19.8	20.2		
40	25.7	25.1	22.0	19.4	14.7	10.3	4.77	0.81	0.15	2.57	6.60	11.1	14.6	18.2	20.2	22.5	22.9		
45	29.3	28.5	25.2	22.2	17.1	12.1	5.88	1.13	0.13	2.89	7.46	12.4	16.4	20.2	22.5	25.1	25.7		
50	33.0	32.0	28.3	24.9	19.3	13.8	6.94	1.46	0.13	3.19	8.25	13.7	18.0	22.3	24.9	27.8	28.6		
55	37.0	35.7	31.5	27.6	21.5	15.4	7.98	1.79	0.12	3.45	8.98	14.9	19.6	24.5	27.5	30.6	31.5		
60	41.1	39.6	34.9	30.6	23.8	17.0	8.96	2.10	0.12	3.68	9.66	16.1	21.4	26.7	30.1	33.7	34.8		
65	45.7	44.1	38.7	33.9	26.3	18.7	9.90	2.43	0.11	3.87	10.3	17.4	23.3	29.4	33.3	37.4	38.7		
70	51.4	49.6	43.3	37.9	29.2	20.6	10.9	2.78	0.10	4.08	11.0	18.9	25.8	32.9	37.2	42.1	43.5		
75	59.0	57.0	49.4	43.4	33.0	23.1	12.0	3.18	0.09	4.36	11.8	21.2	29.2	37.5	42.4	48.6	49.8		
80	71.2	68.0	58.6	51.4	38.6	26.9	13.7	3.63	0.09	4.76	13.2	24.4	33.7	44.5	50.3	58.2	59.5		
85	88.5	85.1	75.0	65.4	48.5	34.8	16.7	4.06	0.09	5.21	16.0	29.7	40.7	51.6	58.4	65.1	67.9		
90	99.3	95.0	85.8	75.1	59.0	42.6	21.6	4.30	0.09	5.22	18.8	32.7	44.4	56.0	62.6	69.1	72.1		
95	107	103	93.7	83.6	67.9	50.9	26.2	4.41	0.09	5.01	21.9	38.1	48.1	61.5	67.9	73.8	76.4		
100	118	116	108	103	89.4	66.2	33.4	4.22	0.08	4.50	32.7	58.7	60.6	73.1	79.0	83.2	84.0		
105	143	146	139	121	101	108	41.4	3.81	0.08	3.69	42.2	93.7	98.4	82.8	96.3	103	103		
110	160	155	146	158	177	131	47.2	3.42	0.09	3.05	44.8	119	160	185	132	123	114		
115	183	212	249	246	209	155	35.3	3.10	0.07	2.55	19.8	144	192	225	247	271	249		
120	330	334	303	281	242	170	15.4	2.80	0.09	2.11	10.6	147	233	266	281	312	316		
125	373	371	337	316	266	66.5	10.5	2.49	0.07	1.72	7.39	24.2	250	305	329	352	357		
130	413	405	377	343	239	25.9	8.95	2.19	0.08	1.37	6.07	14.3	126	326	365	401	412		
135	456	440	405	292	50.8	15.2	7.60	1.89	0.08	1.03	4.93	9.87	26.8	79.4	386	424	435		
140	482	455	304	47.9	28.5	12.2	6.32	1.58	0.08	0.75	3.90	7.82	13.5	27.8	138	229	399		
145	260	61.1	50.4	25.3	16.3	9.72	5.09	1.29	0.08	0.53	2.93	6.01	10.3	13.6	27.9	33.1	46.4		
150	45.8	31.8	23.5	16.0	12.5	7.50	3.95	1.02	0.08	0.35	1.98	4.36	7.67	9.94	13.5	14.6	20.5		
155	19.9	16.7	15.6	11.6	9.24	5.47	2.93	0.76	0.08	0.21	1.23	2.88	5.37	6.93	9.46	10.0	11.9		
160	13.5	11.4	10.8	7.85	6.36	3.18	1.80	0.53	0.09	0.12	0.73	1.58	3.39	4.35	6.16	6.43	7.79		
165	8.27	5.22	5.24	3.95	3.32	1.87	1.17	0.34	0.08	0.09	0.33	0.69	1.67	2.22	3.36	3.48	4.36		
170	3.11	2.49	2.44	1.75	1.52	1.03	0.62	0.20	0.09	0.08	0.11	0.20	0.55	0.60	1.07	1.21	1.65		
175	1.09	0.69	0.66	0.38	0.39	0.21	0.17	0.11	0.08	0.07	0.06	0.07	0.08	0.08	0.12	0.11	0.22		
180	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.06	0.07	0.07	0.07	0.06	0.07		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-22

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: