

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

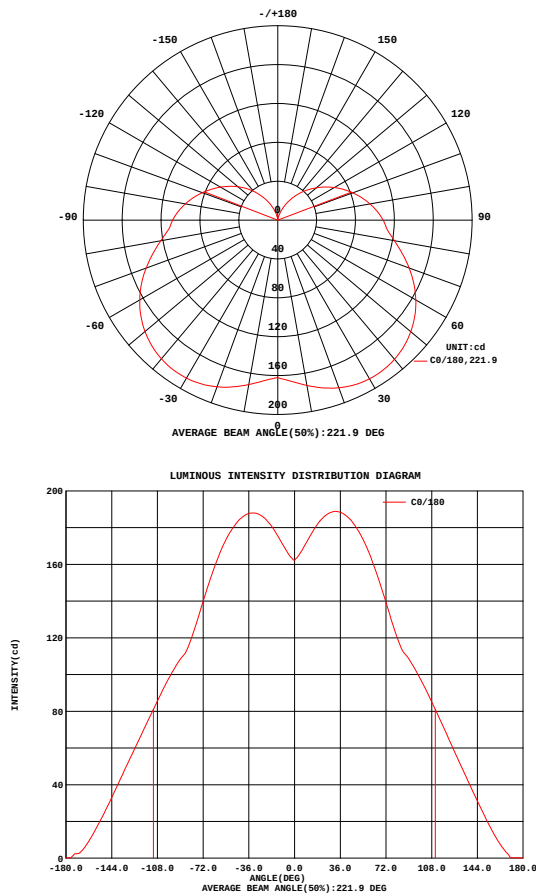


Fig. C0/C180

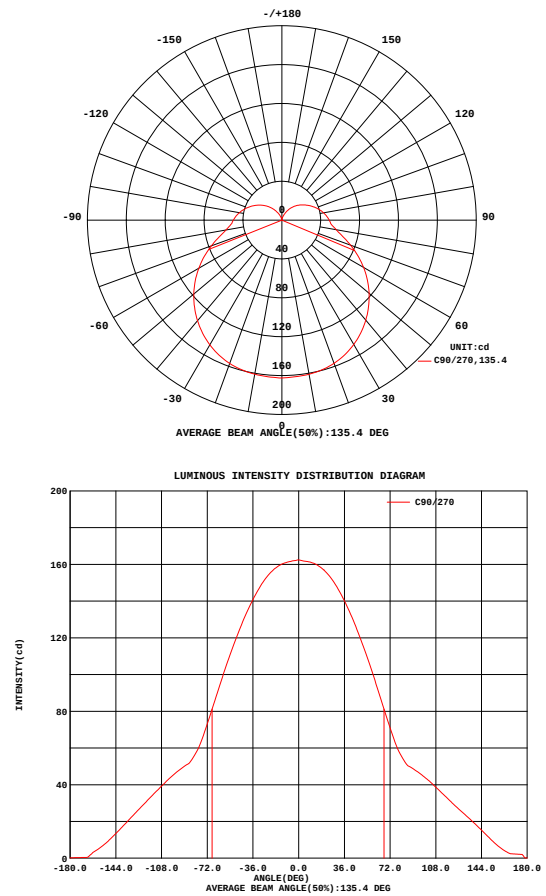


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-08-10

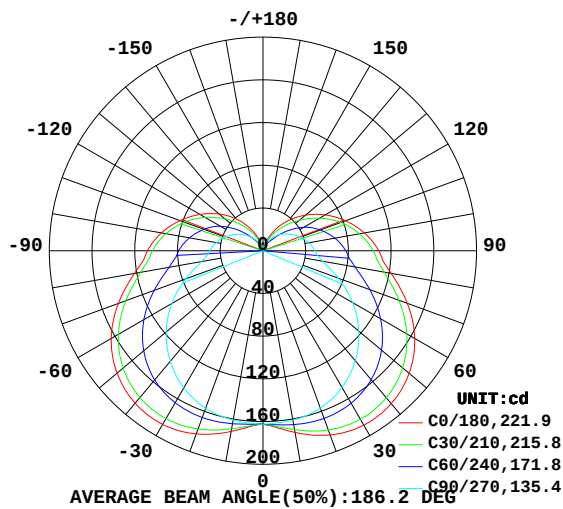
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9597]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

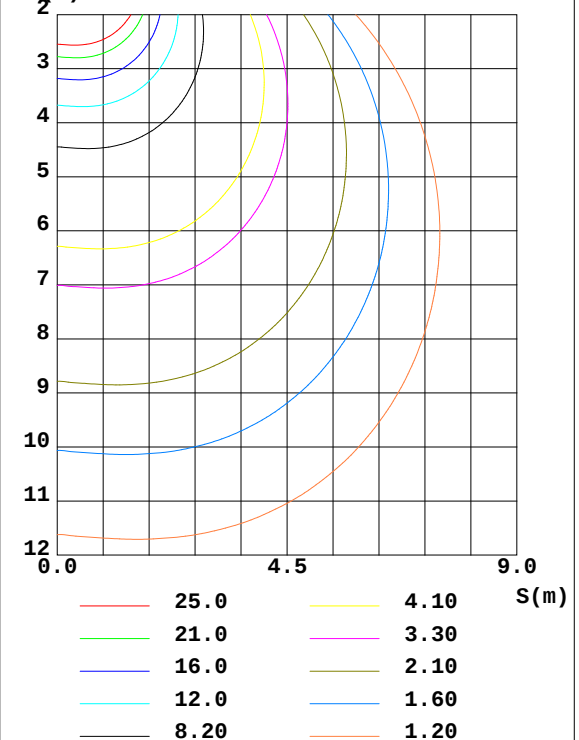
NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.39 lm/W			
MODEL		Imax(cd)	188.9	S/MH(C0/180)	1.73
NOMINAL POWER(W)	13.65	LOR(%)	100.0	S/MH(C90/270)	1.35
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1152.0	η UP, DN(C0-180)	13.3, 36.7
NOMINAL FLUX(lm)	1152.01	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	13.4, 36.6
LAMPS INSIDE	1	η up(%)	26.6	CIBSE SHR NOM	1.75
TEST VOLTAGE(V)	230.393	η down(%)	73.4	CIBSE SHR MAX	1.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-08-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9597]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

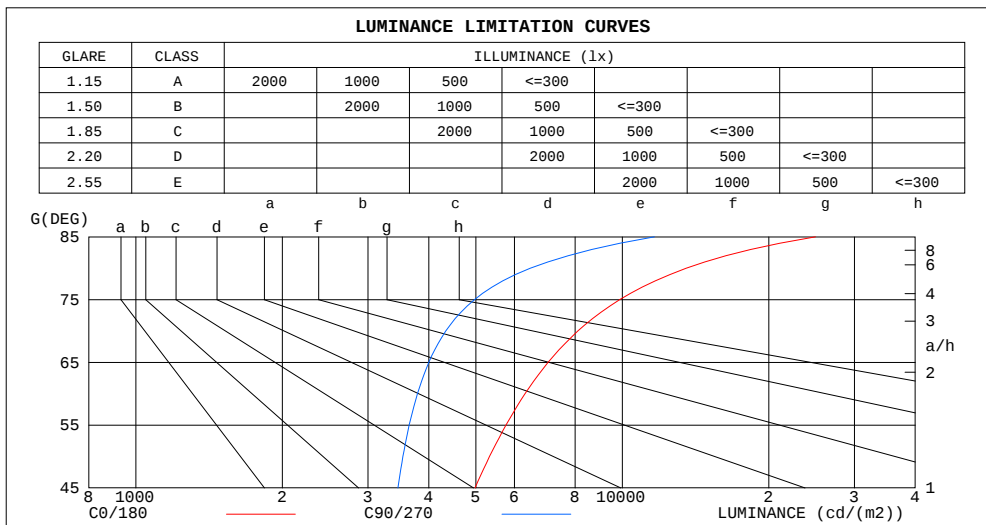
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	171.7	167.0	160.9	167.9	172.7	167.9	161.0	166.7	0- 10	15.77	15.77	1.37,1.37
20	182.5	172.5	156.9	173.2	183.6	173.4	156.9	172.0	10- 20	48.13	63.90	5.55,5.55
30	187.8	174.2	148.3	174.3	188.6	174.8	147.8	173.3	20- 30	79.55	143.4	12.5,12.5
40	186.3	170.5	135.1	169.7	186.8	170.5	134.3	168.9	30- 40	106.1	249.5	21.7,21.7
50	178.3	160.7	118.3	159.2	178.6	160.0	117.1	158.8	40- 50	124.1	373.6	32.4,32.4
60	164.0	145.0	98.58	143.3	164.0	143.6	97.00	143.4	50- 60	131.3	505.0	43.8,43.8
70	144.1	125.0	77.12	123.5	143.7	123.2	75.20	123.7	60- 70	126.9	631.9	54.9,54.9
80	122.2	105.3	58.43	104.1	121.8	103.9	56.78	104.4	70- 80	113.5	745.4	64.7,64.7
90	108.3	93.85	50.05	93.06	108.5	93.00	48.75	93.38	80- 90	99.64	845.0	73.4,73.4
100	96.57	83.57	44.52	82.25	96.44	82.44	43.64	83.22	90-100	89.52	934.6	81.1,81.1
110	82.66	70.91	37.82	69.19	82.29	69.62	37.39	70.54	100-110	75.19	1010	87.7,87.7
120	68.16	55.18	30.73	54.89	67.23	53.27	30.68	56.24	110-120	58.08	1068	92.7,92.7
130	53.57	37.93	23.51	40.27	51.94	35.78	24.34	43.28	120-130	40.36	1108	96.2,96.2
140	38.84	23.66	16.23	26.14	37.03	21.69	17.98	30.56	130-140	24.71	1133	98.3,98.3
150	24.40	13.53	9.303	13.35	22.57	12.04	11.16	16.94	140-150	12.87	1146	99.5,99.5
160	11.47	5.135	3.963	3.581	9.667	5.192	5.098	6.629	150-160	5.039	1151	99.9,99.9
170	2.537	0.7211	0.3689	0.3783	0.2863	1.867	2.296	3.866	160-170	1.108	1152	100,100
180	0.1603	0.1550	0.1498	0.1069	0.1694	0.1640	0.1600	0.1614	170-180	0.1019	1152	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-08-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9597]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	24932	11634
80	13532	6471
75	9881	4968
70	8102	4336
65	7038	4002
60	6308	3792
55	5765	3646
50	5333	3539
45	4981	3457

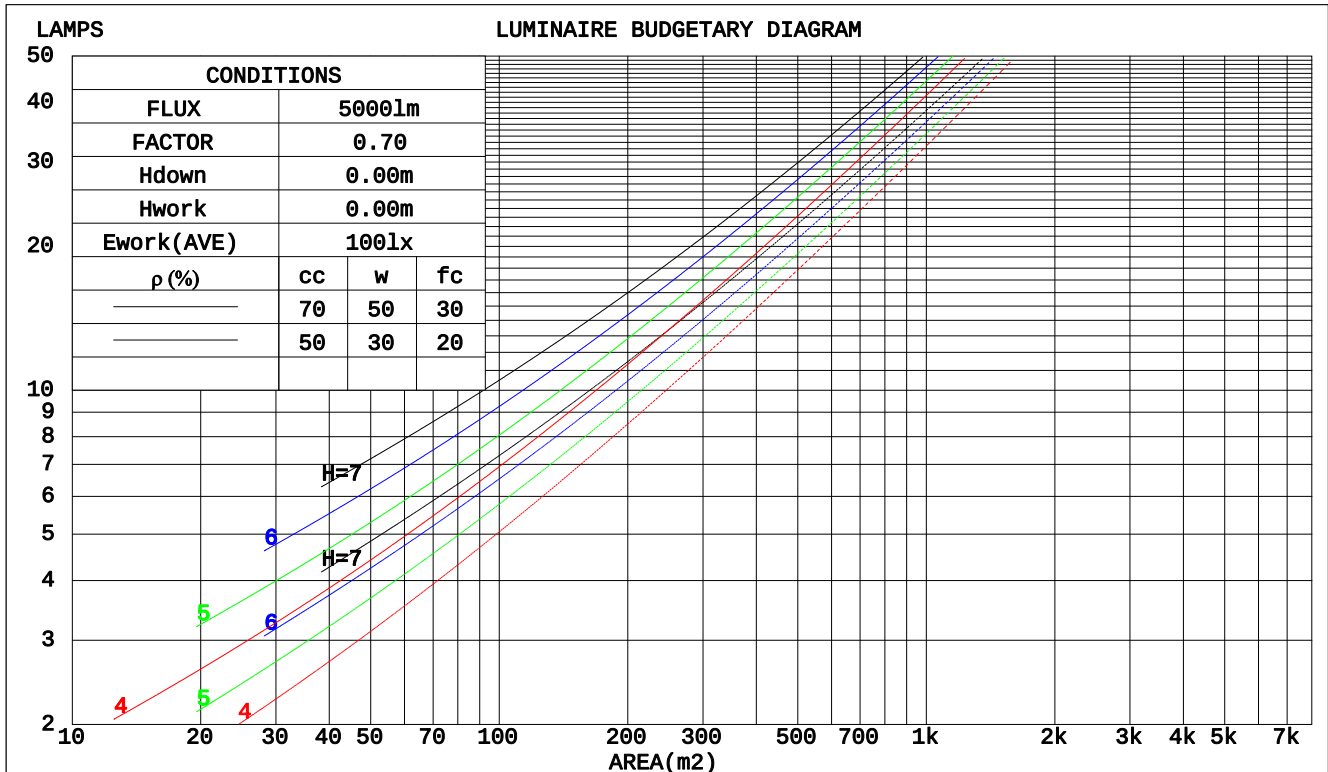
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9597]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.96	.96	.96	.87	.87	.87	.78	.78	.78	.73
1.0	.93	.87	.82	.88	.83	.78	.78	.74	.71	.70	.67	.64	.62	.60	.57	.53
2.0	.79	.71	.64	.74	.67	.61	.66	.60	.55	.59	.54	.50	.52	.49	.45	.41
3.0	.68	.59	.51	.64	.56	.49	.57	.50	.45	.51	.45	.41	.45	.41	.37	.33
4.0	.59	.50	.42	.56	.47	.41	.50	.43	.37	.45	.39	.34	.39	.35	.30	.27
5.0	.52	.43	.36	.50	.41	.34	.44	.37	.31	.40	.33	.29	.35	.30	.26	.23
6.0	.47	.37	.30	.44	.36	.29	.40	.32	.27	.35	.29	.25	.32	.26	.22	.20
7.0	.42	.33	.26	.40	.31	.25	.36	.29	.23	.32	.26	.21	.29	.23	.19	.17
8.0	.38	.29	.23	.36	.28	.22	.33	.26	.21	.29	.23	.19	.26	.21	.17	.15
9.0	.35	.26	.20	.33	.25	.20	.30	.23	.18	.27	.21	.17	.24	.19	.15	.13
10.0	.32	.24	.18	.30	.23	.18	.27	.21	.16	.25	.19	.15	.22	.17	.14	.12



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: YT
 Test Date: 2023-08-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9597]
 Remarks:

WEC AND CCEC

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	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	.403	.229	.073	.388	.221	.070	.359	.206	.066	.332	.192	.062	.308	.178	.058		
2.0	.343	.188	.058	.330	.182	.056	.303	.169	.052	.279	.157	.049	.257	.145	.046		
3.0	.303	.161	.048	.290	.155	.047	.266	.144	.044	.244	.134	.041	.224	.124	.038		
4.0	.271	.141	.041	.260	.136	.040	.238	.126	.038	.218	.117	.035	.199	.108	.033		
5.0	.245	.125	.036	.235	.121	.035	.215	.112	.033	.197	.104	.031	.180	.096	.029		
6.0	.224	.112	.032	.215	.108	.031	.197	.101	.029	.180	.093	.027	.164	.086	.026		
7.0	.206	.102	.029	.198	.098	.028	.181	.091	.026	.165	.085	.025	.151	.078	.023		
8.0	.191	.093	.026	.183	.090	.025	.168	.084	.024	.153	.078	.022	.140	.072	.021		
9.0	.178	.086	.024	.170	.083	.023	.156	.077	.022	.143	.072	.020	.130	.066	.019		
10.0	.166	.080	.022	.159	.077	.021	.146	.072	.020	.134	.066	.019	.122	.061	.018		

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	.393	.393	.393	.336	.336	.336	.230	.230	.230	.132	.132	.132	.042	.042	.042	
1.0	.391	.360	.332	.335	.309	.285	.229	.213	.197	.132	.123	.115	.042	.040	.037	
2.0	.385	.338	.298	.330	.291	.257	.226	.201	.180	.130	.117	.105	.042	.038	.034	
3.0	.378	.322	.277	.324	.278	.240	.222	.193	.168	.128	.113	.099	.041	.037	.033	
4.0	.370	.310	.263	.318	.267	.229	.219	.186	.161	.126	.109	.095	.041	.036	.031	
5.0	.363	.300	.254	.311	.260	.221	.215	.181	.156	.124	.106	.092	.040	.035	.030	
6.0	.355	.292	.247	.305	.253	.215	.211	.177	.152	.122	.104	.090	.039	.034	.030	
7.0	.348	.286	.242	.300	.248	.211	.207	.174	.150	.120	.102	.089	.039	.034	.029	
8.0	.342	.280	.238	.294	.243	.208	.203	.171	.147	.118	.101	.088	.038	.033	.029	
9.0	.335	.276	.235	.289	.239	.205	.200	.168	.146	.117	.099	.087	.038	.033	.029	
10.0	.329	.272	.233	.284	.236	.203	.197	.166	.145	.115	.098	.086	.037	.032	.029	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-08-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9597]
Remarks:

UGR(Unified Glare Rating) Table

NAME：双正方LED-EU壁灯						TYPE:5197401118			WEIGHT：		
SPEC.：						DIM.：			SERIAL No.:B2023081002		
MFR.：						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		17.9	19.2	18.5	19.8	20.5	15.7	17.0	16.4	17.7	18.4
3H		20.6	21.8	21.2	22.4	23.2	17.8	19.0	18.4	19.6	20.4
4H		22.0	23.2	22.7	23.8	24.6	18.8	19.9	19.4	20.6	21.4
6H		23.6	24.7	24.3	25.4	26.2	19.9	21.0	20.6	21.7	22.5
8H		24.5	25.5	25.2	26.3	27.1	20.5	21.6	21.2	22.3	23.1
12H		25.5	26.5	26.2	27.2	28.1	21.3	22.3	22.0	23.0	23.9
4H 2H		18.5	19.7	19.2	20.3	21.1	17.1	18.2	17.7	18.9	19.7
3H		21.5	22.5	22.2	23.2	24.0	19.3	20.3	20.0	21.0	21.9
4H		23.1	24.0	23.8	24.7	25.6	20.5	21.4	21.2	22.1	23.0
6H		24.9	25.7	25.7	26.5	27.4	21.7	22.6	22.5	23.3	24.2
8H		25.9	26.7	26.7	27.4	28.4	22.4	23.2	23.2	24.0	24.9
12H		27.1	27.8	27.8	28.6	29.5	23.2	23.9	24.0	24.7	25.7
8H 4H		23.5	24.3	24.3	25.1	26.0	21.5	22.3	22.3	23.1	24.0
6H		25.7	26.3	26.4	27.1	28.1	23.1	23.8	23.9	24.6	25.5
8H		26.9	27.5	27.7	28.3	29.3	24.0	24.6	24.8	25.4	26.4
12H		28.3	28.8	29.1	29.6	30.6	25.0	25.5	25.8	26.3	27.3
12H 4H		23.6	24.3	24.4	25.1	26.0	21.8	22.5	22.6	23.3	24.3
6H		25.8	26.4	26.6	27.2	28.2	23.6	24.2	24.4	25.0	26.0
8H		27.2	27.7	28.0	28.5	29.5	24.7	25.2	25.5	26.0	27.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 1152 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.5$)
Area: 0.052 m²

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:YT
Test Date:2023-08-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity:52.2%
Test Distance:1.200m [K=0.9597]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:

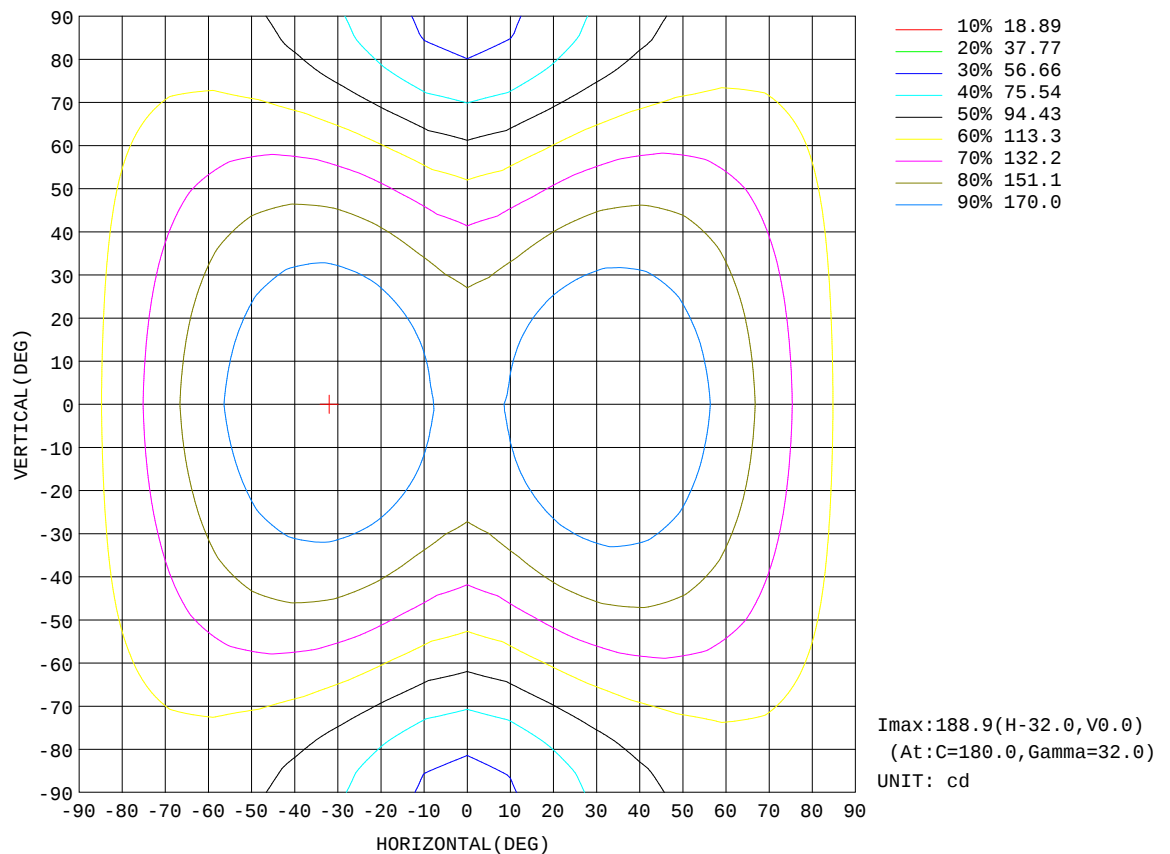
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	43	31	23	42	30	23	40	29	22	15
0.80	52	39	30	50	38	30	47	36	29	21
1.00	60	46	37	58	45	37	53	45	35	26
1.25	67	53	44	64	52	43	59	49	41	31
1.50	72	59	50	69	57	49	63	53	46	34
2.00	80	68	59	76	65	57	69	60	53	40
2.50	84	73	65	80	70	62	73	65	58	44
3.00	88	78	70	84	75	68	76	69	63	47
4.00	93	85	77	89	81	74	80	74	69	52
5.00	96	89	82	92	85	79	83	77	72	55
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
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 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9597]
Remarks:

ISOCANDELA DIAGRAM

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:

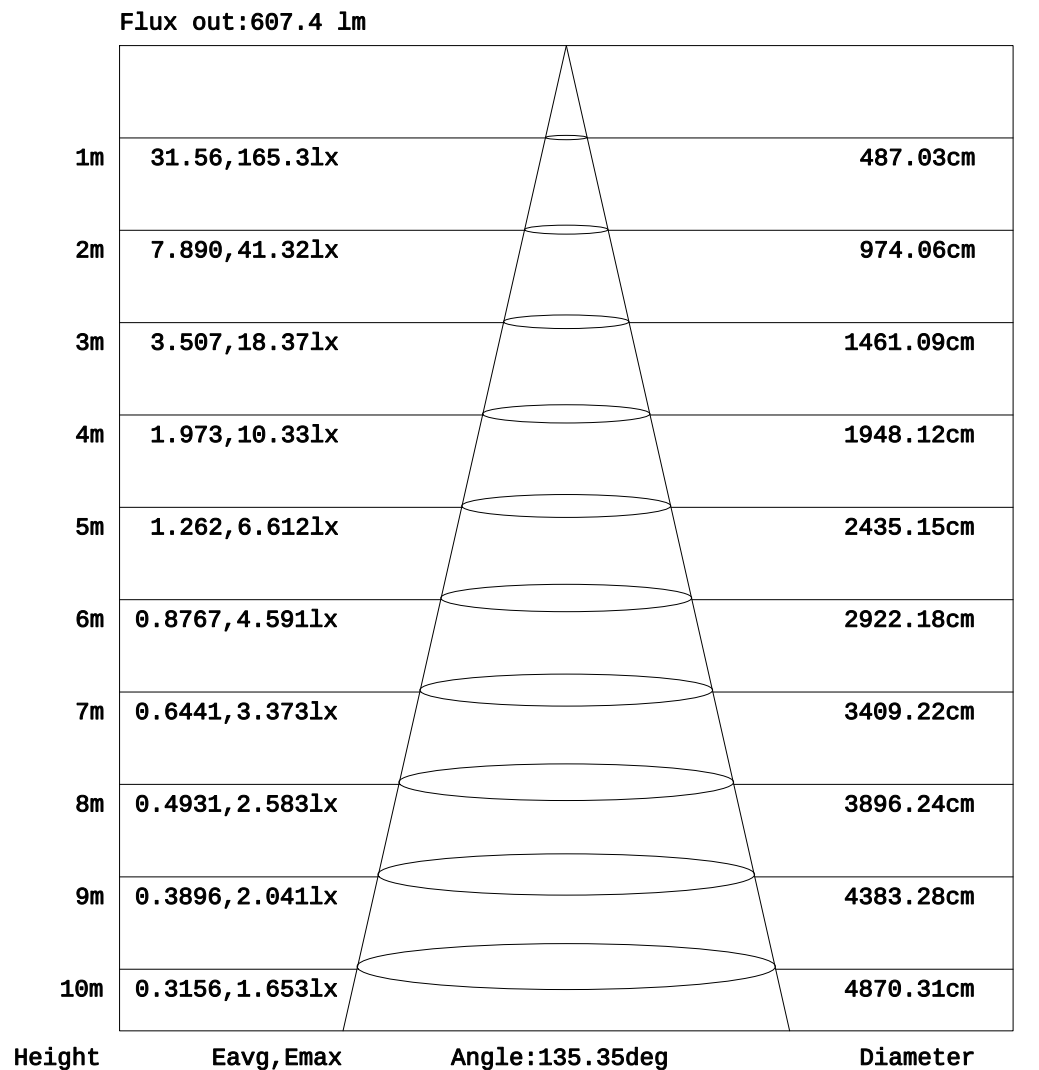


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AAI Figure

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:



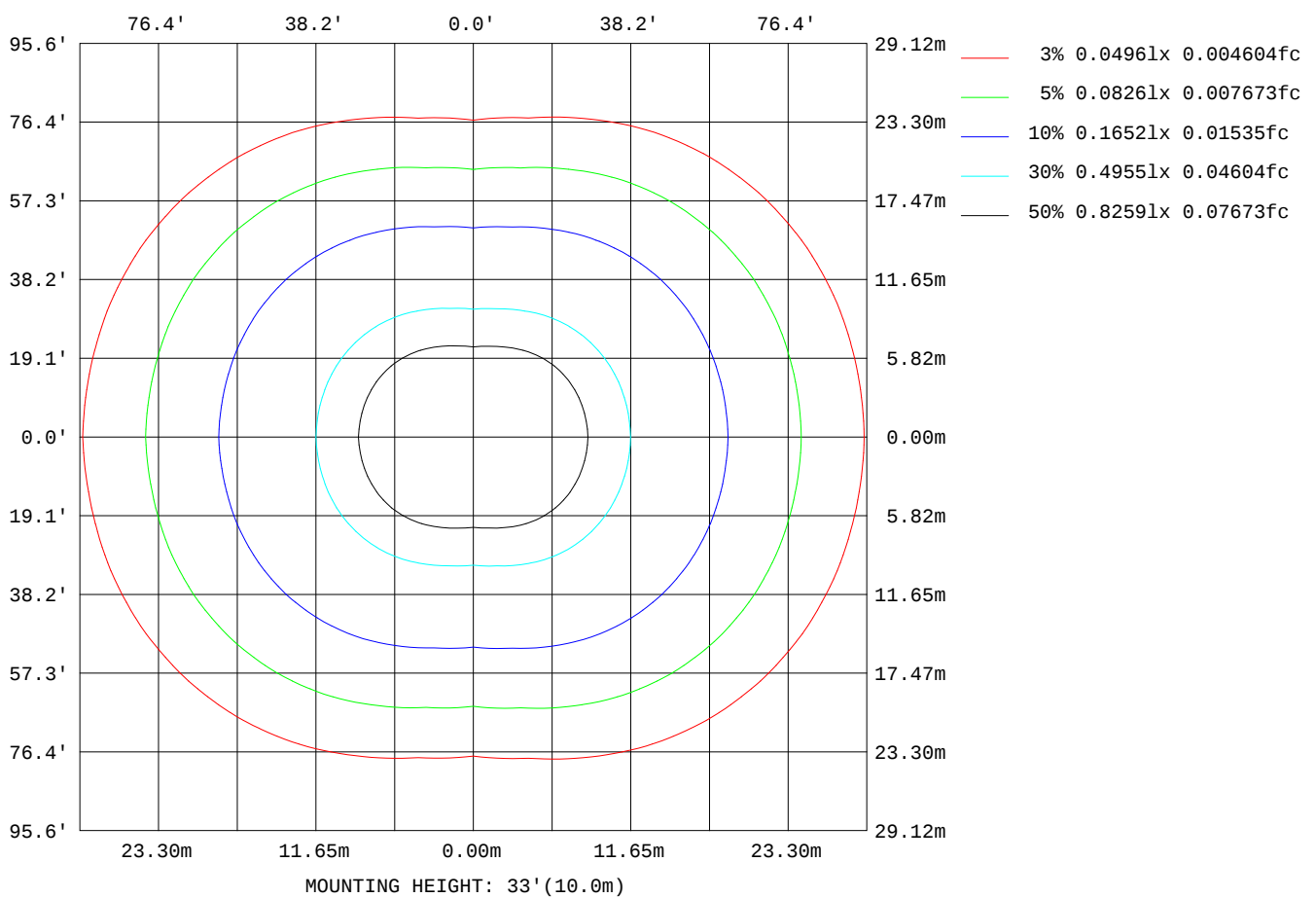
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:



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LED Avg.L Report

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:

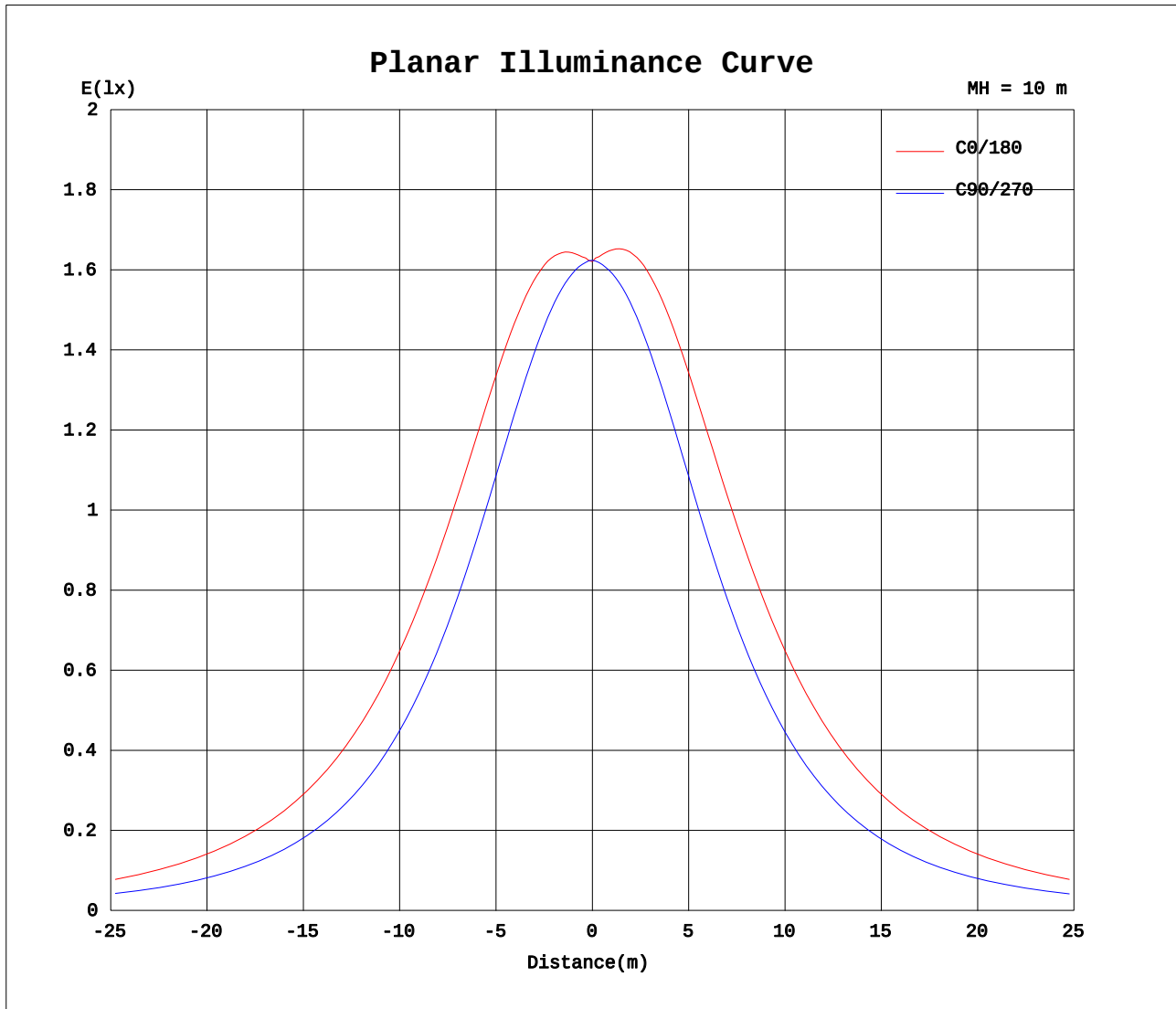
AvgL	cd/m2
L_0~180(65)av	7033
L_0~180(75)av	9865
L_0~180(85)av	24935
L_90~270(65)av	3961
L_90~270(75)av	4895
L_90~270(85)av	11455
L_45(65)av	6118
L_45(75)av	8459
L_45(85)av	21548

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-08-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9597]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-08-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9597]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(°) \ γ (°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162
5	166	166	165	165	164	164	163	163	162	162	163	163	164	164	165	166	166	167	167
10	172	171	170	169	168	166	164	163	162	161	162	164	165	167	169	170	172	173	173
15	178	177	176	174	171	169	166	163	161	159	161	164	166	170	172	175	177	178	179
20	182	182	180	178	174	171	166	162	159	157	159	163	167	171	175	178	181	183	184
25	186	185	183	180	176	171	166	160	156	153	156	161	166	172	177	181	184	186	187
30	188	187	185	181	177	171	164	157	151	148	152	157	164	171	177	182	185	187	189
35	188	187	185	181	176	170	162	153	146	142	146	153	161	169	176	181	185	187	189
40	186	185	183	179	174	167	158	148	139	135	139	147	157	166	173	179	183	185	187
45	183	182	180	176	170	162	152	142	132	127	132	141	151	161	169	175	179	181	184
50	178	177	175	171	165	156	146	134	124	118	123	133	144	155	164	170	174	176	179
55	172	170	168	164	158	149	138	125	114	109	114	124	136	147	156	163	167	170	172
60	164	162	160	156	150	140	129	116	104	98.6	104	115	127	139	148	155	159	162	164
65	155	153	151	147	140	131	119	106	93.7	87.9	93.2	105	118	129	138	145	150	152	154
70	144	143	141	137	130	120	108	95.1	82.8	77.1	82.3	94.1	107	119	128	135	139	141	144
75	133	132	130	126	119	110	98.2	84.9	72.5	66.9	71.9	83.8	96.9	109	118	125	129	130	133
80	122	121	120	116	110	101	89.3	76.2	64.0	58.4	63.3	75.2	88.1	99.5	109	115	119	120	122
85	113	112	111	108	102	93.8	82.7	70.1	58.0	52.7	57.3	69.0	81.6	92.7	101	107	111	112	113
90	108	107	107	104	98.0	89.7	79.0	66.6	55.0	50.1	54.2	65.6	78.0	88.8	97.3	103	106	107	109
95	103	102	101	98.4	93.1	85.2	74.9	62.9	51.9	47.5	51.0	61.6	73.6	83.9	92.1	97.6	100	101	103
100	96.6	95.5	94.7	92.3	87.3	79.8	70.0	58.6	48.3	44.5	47.3	57.1	68.5	78.4	86.1	91.3	94.0	94.8	96.4
105	89.8	88.7	87.8	85.6	81.0	73.9	64.6	53.9	44.3	41.3	43.3	52.1	62.8	72.3	79.6	84.4	86.9	87.8	89.6
110	82.7	81.5	80.6	78.4	74.2	67.6	58.8	48.8	40.1	37.8	39.2	47.0	56.8	65.8	72.6	77.2	79.5	80.5	82.3
115	75.4	74.2	73.1	70.7	66.5	60.8	52.9	42.9	35.9	34.3	35.1	41.6	50.6	58.9	65.3	69.6	71.8	73.0	74.8
120	68.2	66.9	65.5	62.6	57.8	52.6	46.0	36.7	31.5	30.7	31.1	36.2	44.3	51.9	57.9	61.9	64.0	65.4	67.2
125	60.8	59.6	57.9	54.5	49.0	43.8	37.9	29.9	26.8	27.2	27.2	30.9	37.9	44.8	50.3	54.0	56.1	57.7	59.6
130	53.6	52.3	50.3	46.6	40.6	35.3	30.0	23.4	22.3	23.5	23.4	25.8	31.7	37.8	42.7	46.2	48.3	50.2	51.9
135	46.3	45.1	42.8	39.1	32.9	27.2	22.5	17.9	18.2	19.8	19.8	20.9	25.7	30.9	35.3	38.4	40.5	42.6	44.5
140	38.8	37.8	35.6	32.0	26.6	20.7	15.7	13.0	14.3	16.2	16.3	16.4	19.9	24.2	28.0	30.9	33.1	35.3	37.0
145	31.4	30.6	28.5	25.3	20.9	16.0	11.3	9.33	11.0	12.6	12.9	12.1	14.5	18.0	21.0	23.6	25.8	28.2	29.7
150	24.4	23.7	21.9	19.1	15.5	11.5	8.21	7.07	8.31	9.30	9.60	8.47	9.57	12.1	14.6	16.9	19.4	21.3	22.6
155	17.8	17.3	15.7	13.3	10.4	7.49	5.49	5.39	5.90	6.38	6.44	5.46	5.25	7.05	8.80	10.7	13.1	14.8	15.8
160	11.5	11.1	10.0	8.29	6.09	4.18	3.45	3.98	3.88	3.96	3.67	2.71	2.40	2.99	4.17	5.97	7.67	8.92	9.67
165	6.14	5.92	5.29	4.31	3.28	2.52	2.48	2.13	0.81	1.18	1.14	0.77	0.48	0.50	1.23	2.53	3.43	4.16	4.64
170	2.54	2.46	2.36	1.92	1.03	0.42	0.38	0.38	0.40	0.37	0.37	0.41	0.40	0.38	0.37	0.37	0.37	0.37	0.29
175	0.99	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.32	0.34	0.33	0.32	0.31	0.19
180	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.11	0.11	0.12	0.12	0.13	0.17

C Range: 0 - 360°
 C Interval: 10.0°
 Test Speed: HIGH
 Temperature: 25.1°
 Operators: YT
 Test Date: 2023-08-10

γ Range: 0 - 180°
 γ Interval: 1.0°
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 52.2%
 Test Distance: 1.200m [K=0.9597]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 双正方LED-EU壁灯	TYPE: 5197401118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: B2023081002
MFR.:	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	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162	162		
5	167	166	166	165	164	163	163	162	162	162	162	163	163	164	164	165	165		
10	172	171	170	169	167	165	164	162	161	162	163	164	166	167	169	170	171		
15	178	177	175	172	170	167	164	161	159	161	163	165	168	171	173	175	176		
20	183	181	179	175	171	167	163	159	157	159	162	166	170	174	177	180	181		
25	186	184	181	177	172	167	161	156	153	155	160	165	171	176	180	183	184		
30	187	185	182	178	172	165	158	152	148	151	156	163	170	176	181	184	186		
35	187	185	182	177	170	162	153	146	142	145	152	160	168	175	181	184	186		
40	185	183	180	174	167	158	148	139	134	138	146	156	165	173	179	182	185		
45	182	180	176	170	162	152	141	131	126	131	140	150	160	169	175	179	181		
50	177	175	171	164	156	145	133	123	117	122	132	144	154	163	170	174	177		
55	170	168	164	157	148	137	124	113	107	113	123	136	147	156	163	168	170		
60	162	160	155	148	139	127	114	103	97.0	102	114	127	139	148	155	160	162		
65	153	150	146	139	129	117	104	91.7	86.2	91.8	104	117	129	139	146	151	153		
70	142	140	135	128	118	106	93.0	80.7	75.2	81.0	93.3	107	119	129	136	141	143		
75	131	129	125	118	108	96.2	82.8	70.4	64.9	70.6	83.2	96.7	109	118	126	130	132		
80	121	119	115	109	99.2	87.6	74.3	62.0	56.8	62.4	74.7	88.0	99.7	109	116	120	121		
85	112	111	108	101	92.4	81.0	68.1	56.1	51.1	56.5	68.6	81.6	92.9	102	108	111	112		
90	108	107	103	97.3	88.7	77.6	64.9	53.3	48.7	53.8	65.5	78.2	89.1	97.7	104	107	107		
95	102	101	97.9	92.2	83.9	73.3	61.1	50.2	46.4	50.7	61.9	74.1	84.6	92.8	98.4	101	102		
100	95.4	94.5	91.7	86.4	78.5	68.4	56.8	46.7	43.6	47.2	57.7	69.3	79.3	87.1	92.3	94.9	95.8		
105	88.4	87.5	85.0	80.0	72.5	62.9	52.0	42.9	40.7	43.5	53.0	63.9	73.5	80.8	85.7	88.1	88.9		
110	81.0	80.1	77.6	73.1	66.1	57.1	46.8	39.0	37.4	39.6	48.1	58.1	67.0	74.1	78.6	80.8	81.8		
115	73.5	72.4	69.6	65.0	59.1	51.1	40.9	35.1	34.1	35.7	43.2	52.3	60.5	66.3	71.1	73.3	74.5		
120	65.9	64.5	61.1	55.9	50.6	44.0	34.8	31.1	30.7	31.8	38.1	46.5	53.6	58.9	62.6	65.8	67.2		
125	58.2	56.5	52.6	46.9	41.9	36.1	28.4	27.0	27.5	28.3	33.3	40.5	47.4	52.0	54.2	56.6	59.9		
130	50.6	48.5	44.4	38.2	33.3	28.3	22.7	23.1	24.3	24.9	29.0	35.4	41.3	45.3	47.1	47.8	51.8		
135	43.2	40.9	36.8	30.5	25.2	21.0	17.7	19.3	21.2	21.7	24.8	30.2	35.2	38.6	40.2	40.7	42.2		
140	35.9	33.5	29.7	24.5	18.9	14.6	13.4	15.7	18.0	18.6	20.4	24.7	29.4	31.8	33.3	33.7	34.4		
145	28.7	26.5	23.2	19.0	14.4	10.9	10.9	12.5	14.6	18.2	16.6	18.9	22.5	25.6	26.8	27.7	27.9		
150	21.8	20.0	17.1	13.7	10.3	8.39	8.76	9.57	11.2	15.5	14.1	13.4	15.7	18.1	20.5	22.0	22.6		
155	15.3	13.9	11.7	9.06	6.83	6.58	6.28	6.88	7.90	10.8	14.3	9.86	10.0	11.6	13.3	15.5	16.8		
160	9.47	8.60	7.17	5.59	4.79	4.18	4.01	4.53	5.10	5.94	10.0	9.75	6.78	6.47	8.10	9.42	10.3		
165	4.68	4.28	3.70	3.19	2.53	2.23	2.34	2.70	2.96	3.24	5.21	6.47	6.07	4.86	4.75	4.98	5.44		
170	0.47	1.62	1.75	1.83	1.91	2.00	2.09	2.19	2.30	2.43	2.67	3.48	3.96	3.77	2.96	2.44	2.32		
175	0.19	0.19	0.19	0.20	0.52	1.13	1.80	2.02	2.08	2.13	2.17	2.19	2.19	2.18	2.16	2.12	2.06		
180	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: YT
Test Date: 2023-08-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 52.2%
Test Distance: 1.200m [K=0.9597]
Remarks: