

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

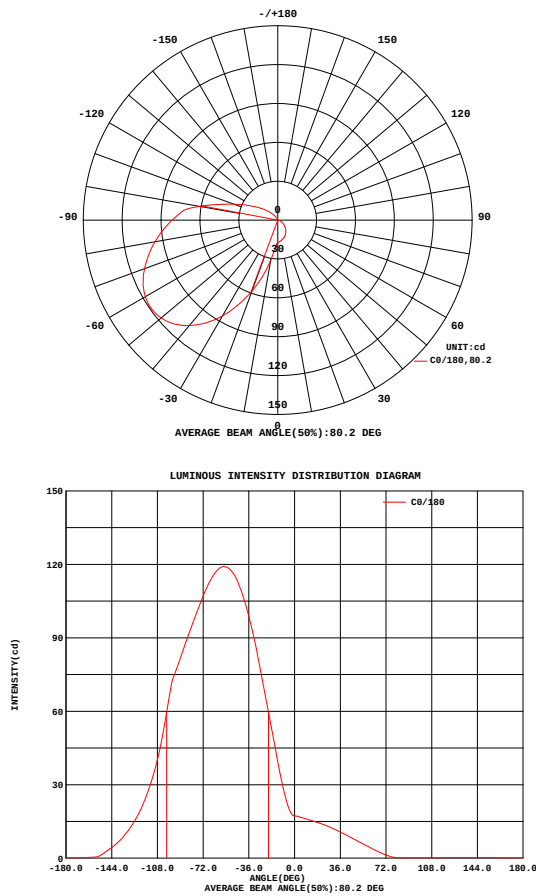


Fig. C0/C180

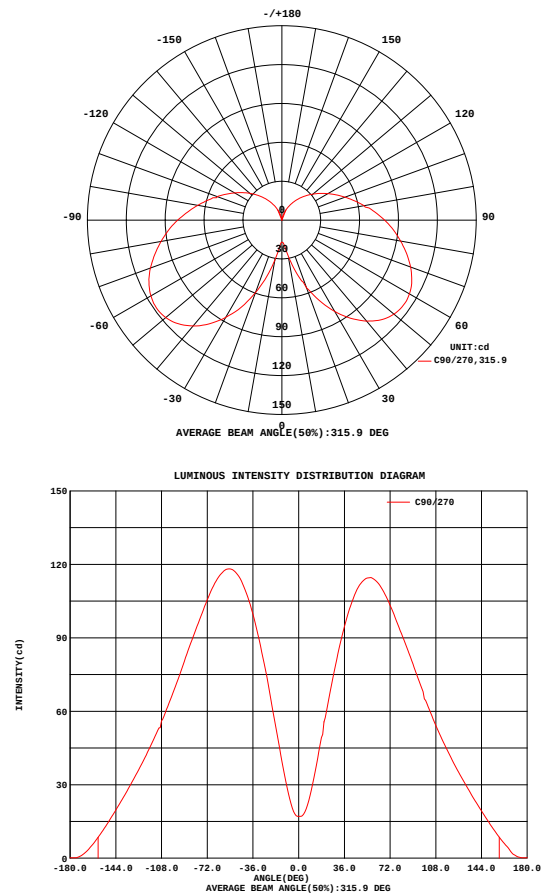


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-03-12

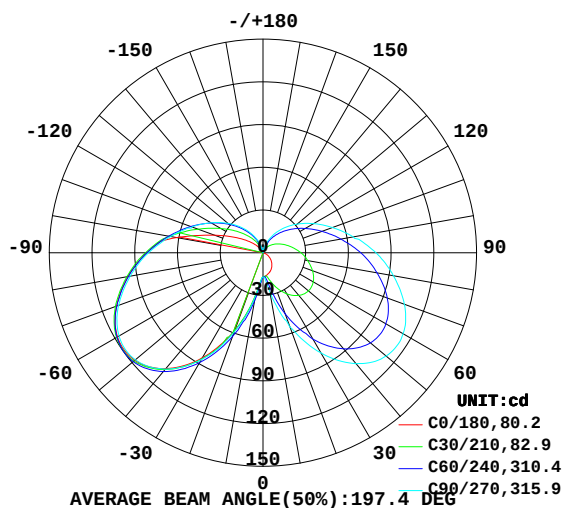
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.606m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

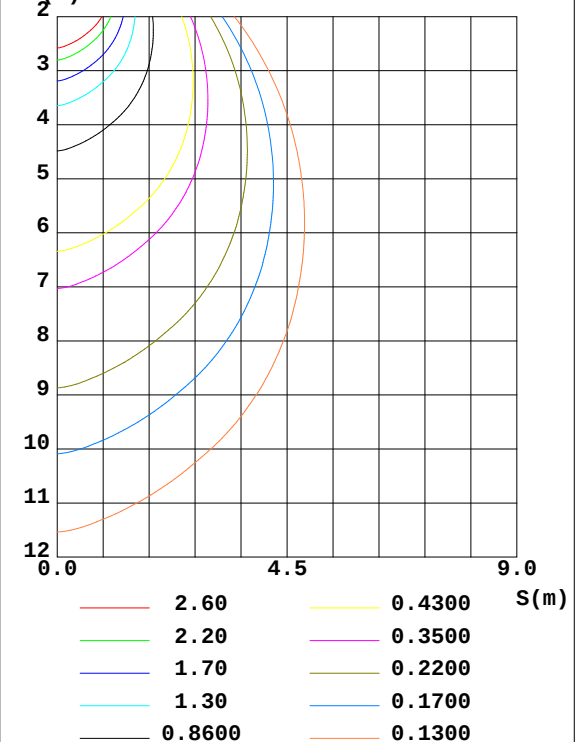
NAME: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 68.12 lm/W
MODEL		Imax(cd)	120.1	S/MH(C0/180)	3.91	
NOMINAL POWER(W)	10.13	LOR(%)	100.0	S/MH(C90/270)	3.91	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	690.16	η UP, DN(C0-180)	13.8, 33.9	
NOMINAL FLUX(lm)	690.156	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	14.4, 37.9	
LAMPS INSIDE	1	η up(%)	28.2	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	230	η down(%)	71.8	CIBSE SHR MAX	1.15	

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: 2022-03-12

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

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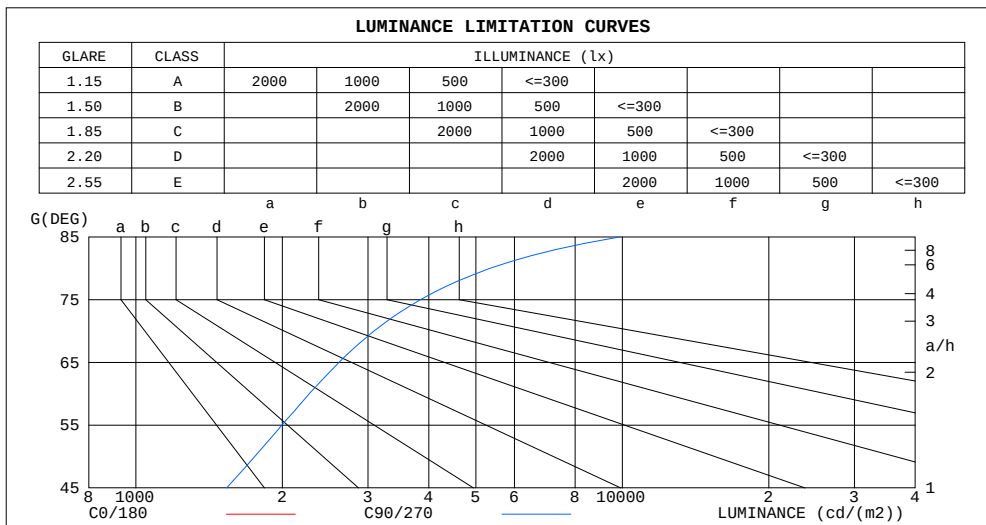
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	15.90	20.31	27.83	28.30	31.20	32.33	31.21	25.61	0- 10	2.060	2.060	0.30,0.30
20	14.27	36.67	55.64	56.27	58.19	60.53	59.26	45.20	10- 20	10.81	12.87	1.86,1.86
30	12.19	52.64	81.18	84.88	85.23	87.97	86.59	63.23	20- 30	27.60	40.47	5.86,5.86
40	9.633	65.15	101.7	106.3	106.2	108.2	106.7	76.20	30- 40	49.13	89.60	13,13
50	6.920	72.00	112.9	118.1	117.5	118.9	117.0	82.62	40- 50	69.91	159.5	23.1,23.1
60	4.178	72.37	113.6	118.9	118.0	118.8	116.7	81.61	50- 60	84.57	244.1	35.4,35.4
70	1.713	66.86	105.6	110.5	109.3	109.9	107.9	74.17	60- 70	89.64	333.7	48.4,48.4
80	0.2127	57.93	92.94	97.19	96.26	96.63	94.71	63.98	70- 80	85.65	419.4	60.8,60.8
90	0.1663	48.41	79.35	82.92	81.59	82.18	80.43	52.89	80- 90	76.16	495.5	71.8,71.8
100	0.1727	38.69	64.44	68.64	61.65	67.95	65.97	41.97	90-100	63.33	558.9	81,81
110	0.1761	30.36	51.93	55.34	36.24	52.88	53.16	32.73	100-110	48.14	607.0	88,88
120	0.2096	23.41	41.03	42.45	21.19	39.68	42.15	25.01	110-120	34.39	641.4	92.9,92.9
130	0.2314	17.41	31.39	31.70	11.93	28.58	32.20	18.39	120-130	23.15	664.5	96.3,96.3
140	0.2266	12.11	22.62	22.31	6.055	19.18	23.08	12.54	130-140	14.25	678.8	98.4,98.4
150	0.2127	7.389	14.48	13.98	2.119	11.17	14.61	7.374	140-150	7.565	686.4	99.5,99.5
160	0.2015	3.417	7.227	6.786	0.3913	4.721	7.033	3.095	150-160	3.053	689.4	99.9,99.9
170	0.1830	0.7355	1.314	1.248	0.1861	0.7861	1.448	0.3849	160-170	0.7022	690.1	100,100
180	0.1520	0.1255	0.1701	0.1710	0.1575	0.1353	0.1720	0.1655	170-180	0.0394	690.2	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:2022-03-12

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: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:



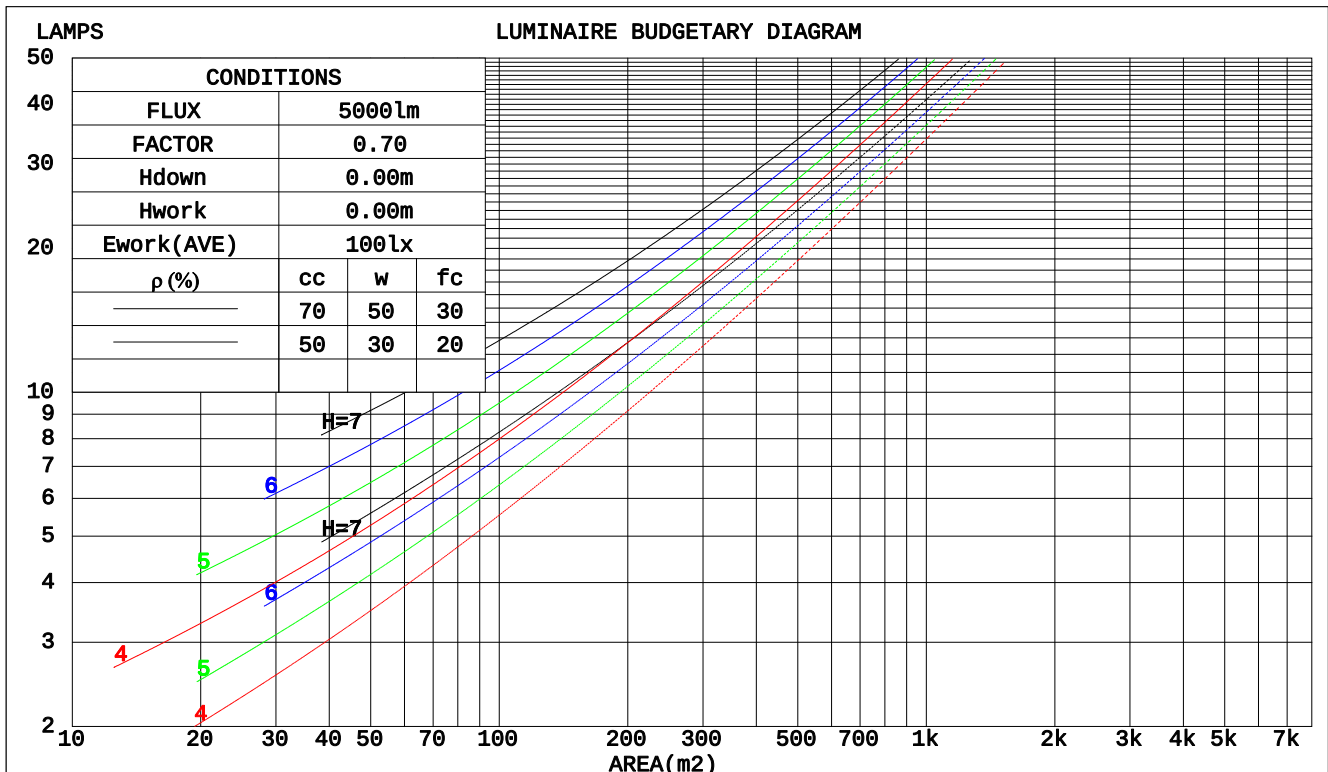
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-03-12

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
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	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.76	.76	.76	.72
1.0	.90	.83	.78	.85	.79	.74	.75	.70	.66	.66	.63	.59	.58	.55	.53	.48
2.0	.75	.66	.58	.70	.62	.55	.62	.55	.50	.54	.49	.44	.47	.43	.39	.35
3.0	.63	.53	.45	.60	.51	.43	.52	.45	.39	.46	.40	.35	.40	.35	.30	.27
4.0	.55	.44	.36	.51	.42	.35	.45	.37	.31	.39	.33	.28	.34	.29	.24	.21
5.0	.48	.37	.30	.45	.35	.28	.39	.32	.25	.34	.28	.23	.30	.24	.20	.17
6.0	.42	.32	.25	.40	.30	.24	.35	.27	.21	.30	.24	.19	.26	.21	.16	.14
7.0	.38	.28	.21	.35	.26	.20	.31	.24	.18	.27	.21	.16	.24	.18	.14	.11
8.0	.34	.24	.18	.32	.23	.17	.28	.21	.15	.25	.18	.14	.21	.16	.12	.10
9.0	.30	.22	.16	.29	.21	.15	.25	.18	.13	.22	.16	.12	.19	.14	.10	.08
10.0	.28	.19	.14	.26	.18	.13	.23	.16	.12	.20	.15	.10	.18	.13	.09	.07



C Range: 0 - 360DEG
C Interval: 10.0DEG
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Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-03-12

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:

WEC AND CCEC

NAME: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.451	.256	.081	.435	.248	.079	.405	.232	.074	.377	.218	.070	.352	.204	.066		
2.0	.377	.207	.063	.363	.200	.062	.335	.186	.058	.310	.174	.054	.287	.162	.051		
3.0	.328	.175	.052	.315	.169	.051	.290	.157	.048	.267	.146	.045	.246	.136	.042		
4.0	.291	.151	.044	.279	.146	.043	.256	.136	.041	.235	.126	.038	.216	.117	.036		
5.0	.261	.133	.039	.251	.129	.037	.230	.120	.035	.211	.111	.033	.193	.103	.031		
6.0	.237	.119	.034	.227	.115	.033	.208	.107	.031	.191	.099	.029	.174	.092	.027		
7.0	.217	.107	.030	.208	.104	.030	.191	.096	.028	.174	.089	.026	.159	.083	.024		
8.0	.200	.098	.028	.192	.094	.027	.176	.088	.025	.161	.081	.023	.146	.075	.022		
9.0	.186	.090	.025	.178	.087	.024	.163	.081	.023	.149	.075	.021	.136	.069	.020		
10.0	.173	.083	.023	.166	.080	.022	.152	.074	.021	.139	.069	.020	.127	.064	.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	.405	.405	.405	.346	.346	.346	.236	.236	.236	.136	.136	.136	.043	.043	.043	
1.0	.407	.372	.340	.348	.319	.292	.238	.219	.202	.137	.127	.118	.044	.041	.038	
2.0	.402	.350	.306	.344	.301	.264	.236	.208	.184	.136	.121	.108	.044	.039	.035	
3.0	.395	.334	.285	.339	.288	.247	.232	.200	.174	.134	.117	.102	.043	.038	.034	
4.0	.387	.322	.272	.332	.278	.237	.229	.194	.167	.132	.114	.099	.043	.037	.032	
5.0	.380	.313	.264	.326	.271	.229	.225	.189	.162	.130	.111	.096	.042	.036	.032	
6.0	.372	.305	.257	.320	.264	.224	.221	.185	.159	.128	.109	.094	.041	.036	.031	
7.0	.365	.299	.253	.314	.259	.220	.217	.182	.156	.126	.107	.093	.041	.035	.031	
8.0	.358	.294	.249	.308	.255	.218	.213	.179	.154	.124	.105	.092	.040	.035	.030	
9.0	.351	.289	.247	.302	.251	.215	.210	.176	.153	.122	.104	.091	.040	.034	.030	
10.0	.345	.285	.245	.297	.247	.214	.206	.174	.152	.120	.103	.091	.039	.034	.030	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-03-12

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: 圆柱70光效LED(ERP)壁灯					TYPE:5193602118					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:A2022031401				
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					6.2	7.6	6.9	8.3	9.1	15.6	17.0	16.3	17.7	18.5
3H					6.6	7.9	7.3	8.6	9.4	18.8	20.1	19.5	20.8	21.6
4H					6.6	7.8	7.2	8.5	9.3	20.5	21.7	21.1	22.4	23.2
6H					6.4	7.6	7.1	8.3	9.2	22.2	23.4	22.9	24.1	24.9
8H					6.3	7.4	7.1	8.2	9.1	23.2	24.3	23.9	25.0	25.9
12H					6.3	7.3	7.0	8.1	9.0	24.3	25.3	25.0	26.1	27.0
4H 2H					10.9	12.1	11.6	12.8	13.6	16.0	17.2	16.7	17.9	18.7
3H					12.0	13.1	12.8	13.8	14.7	19.5	20.5	20.2	21.3	22.2
4H					12.4	13.4	13.1	14.1	15.0	21.4	22.4	22.1	23.1	24.0
6H					12.5	13.4	13.3	14.2	15.1	23.4	24.3	24.2	25.1	26.0
8H					12.5	13.3	13.2	14.1	15.0	24.5	25.3	25.3	26.1	27.1
12H					12.4	13.2	13.2	14.0	14.9	25.8	26.5	26.5	27.3	28.3
8H 4H					15.6	16.5	16.4	17.3	18.2	21.6	22.4	22.4	23.2	24.2
6H					16.4	17.1	17.2	18.0	18.9	24.0	24.7	24.8	25.5	26.5
8H					16.7	17.3	17.5	18.1	19.2	25.4	26.0	26.2	26.8	27.8
12H					16.8	17.3	17.6	18.2	19.2	26.9	27.5	27.7	28.3	29.3
12H 4H					16.6	17.4	17.4	18.2	19.2	21.6	22.3	22.4	23.2	24.1
6H					17.8	18.5	18.7	19.3	20.3	24.1	24.7	24.9	25.5	26.5
8H					18.4	19.0	19.2	19.8	20.8	25.5	26.1	26.4	27.0	28.0
Variations with the observer position at spacings:														
S = 1.0H					+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H					+ 0.1 / - 0.1					+ 0.2 / - 0.3				
2.0H					+ 0.2 / - 0.2					+ 0.3 / - 0.4				

CIE Pub.117, 690.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.3)
Area: 0.1 m2

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C Interval: 10.0DEG
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Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-03-12

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: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:

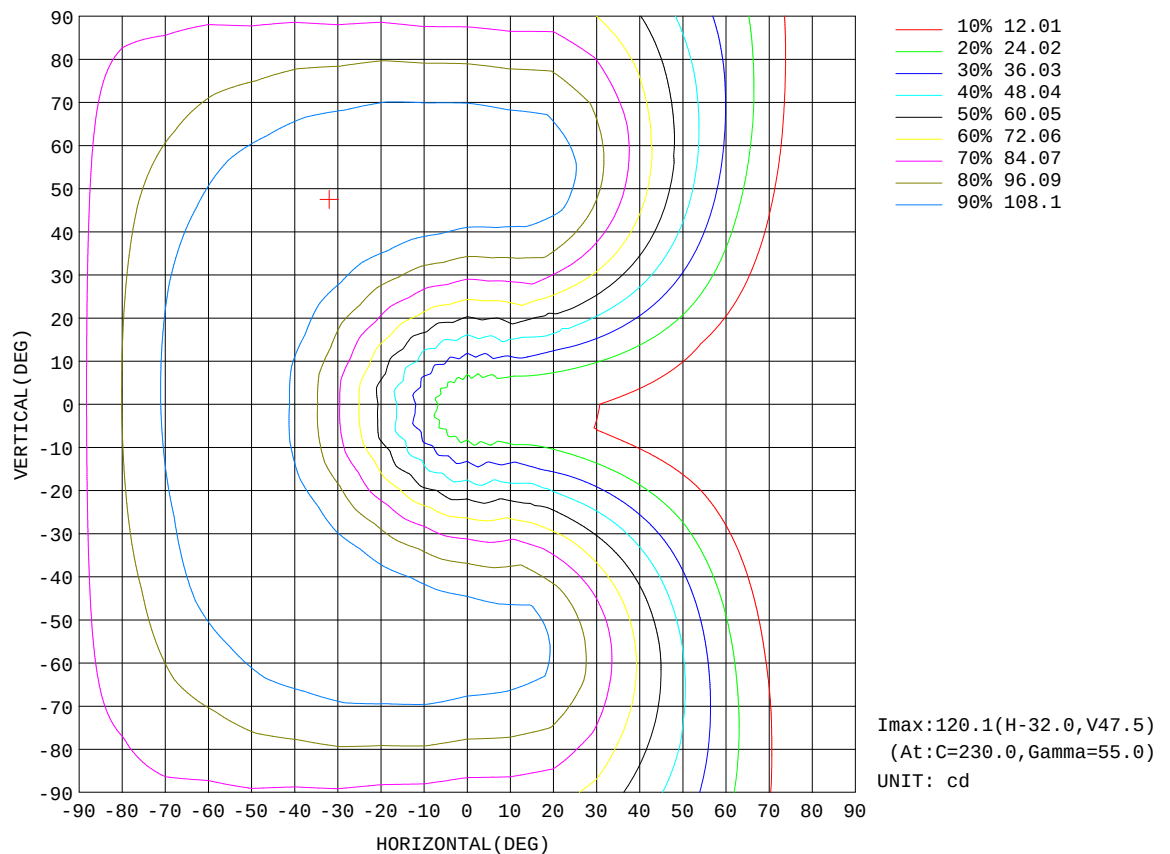
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	38	25	17	37	24	17	35	23	16	9
0.80	47	32	24	45	32	23	42	30	22	13
1.00	55	40	30	52	39	30	48	39	28	18
1.25	62	47	37	59	46	36	54	42	34	23
1.50	67	53	43	64	51	42	58	47	39	27
2.00	75	62	52	72	60	51	65	55	47	33
2.50	81	68	59	76	65	57	69	60	52	37
3.00	85	74	65	80	70	62	72	64	57	41
4.00	90	81	73	86	77	69	77	70	64	46
5.00	94	85	78	89	81	75	80	73	68	49
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

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Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
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Remarks:

ISOCANDELA DIAGRAM

NAME: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:

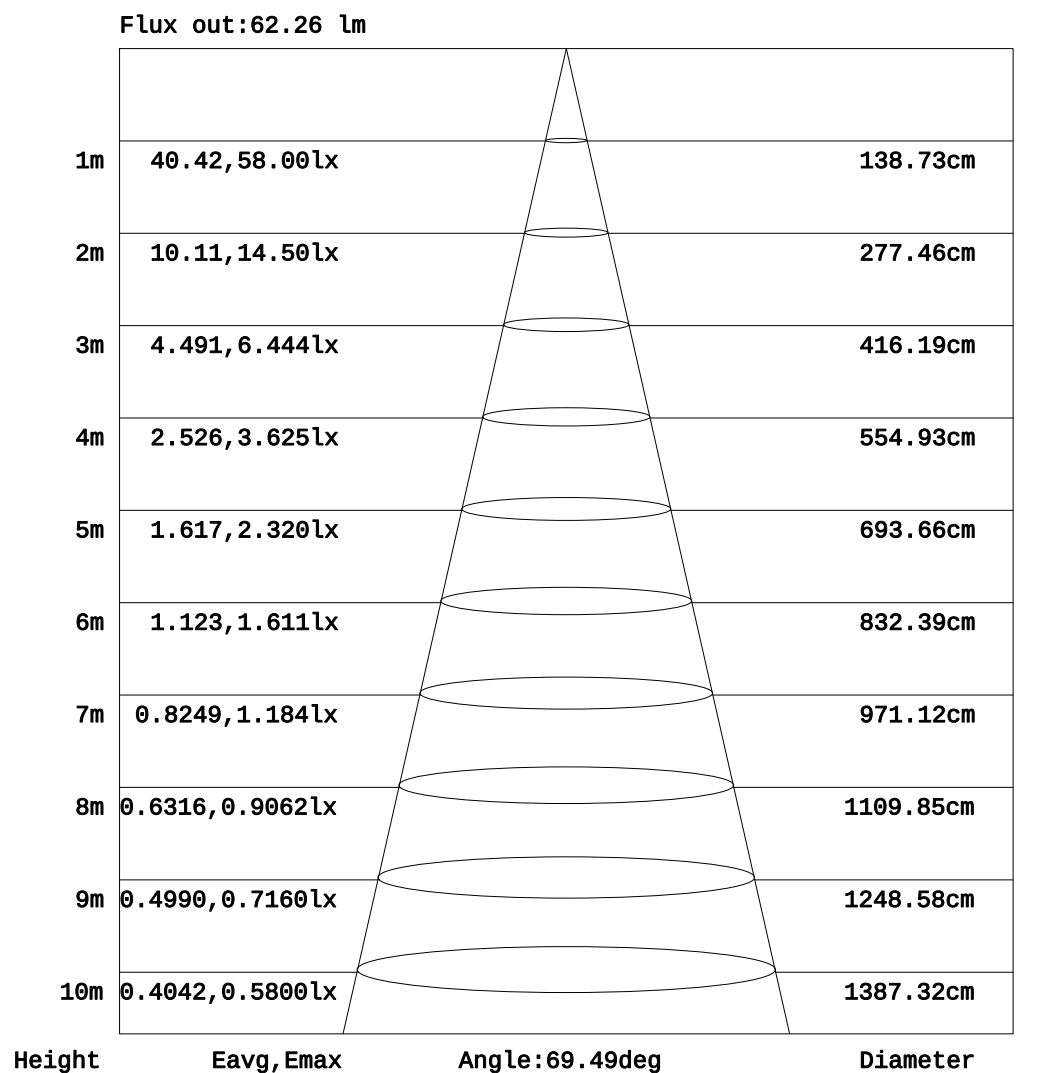


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Remarks:

AAI Figure

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SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:



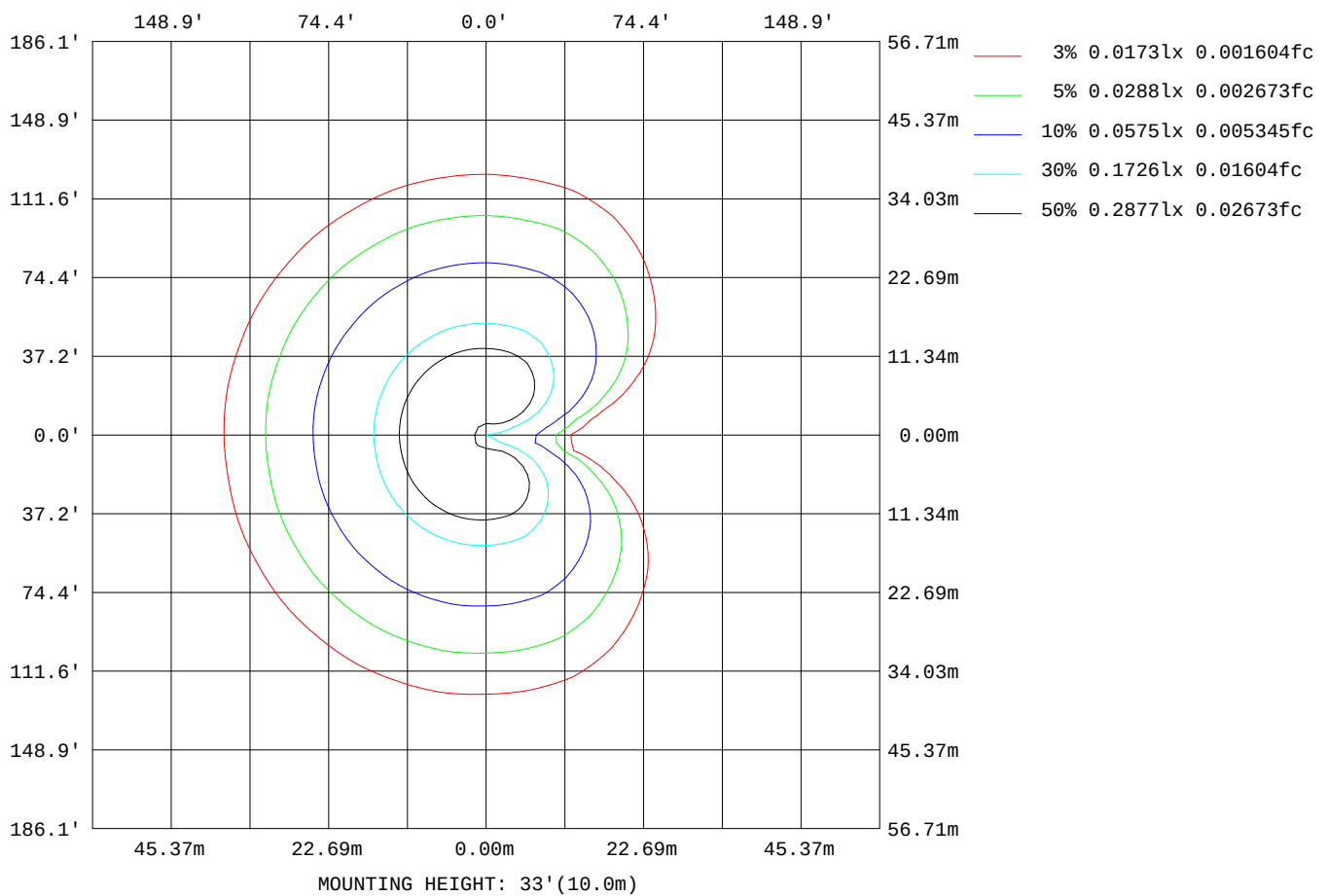
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Remarks:

ISOLUX DIAGRAM

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SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:



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Humidity: 65.0%
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Remarks:

LED Avg.L Report

NAME: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
MFR.: EVERFINE	SUR.:	Shielding Angle:

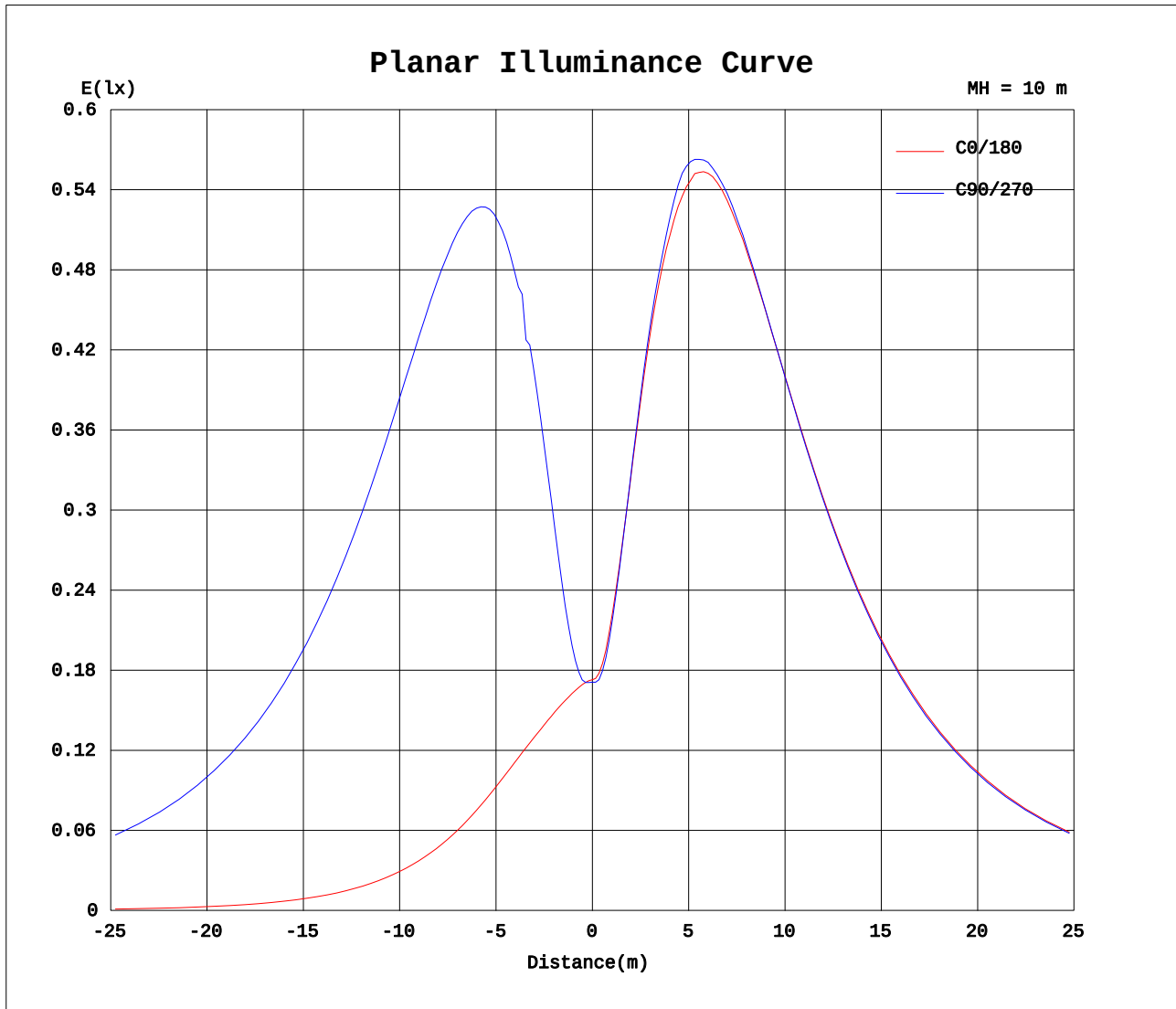
AvgL	cd/m2
L_0~180(65)av	1390
L_0~180(75)av	2006
L_0~180(85)av	5114
L_90~270(65)av	2647
L_90~270(75)av	3884
L_90~270(85)av	9984
L_45(65)av	2251
L_45(75)av	3284
L_45(85)av	8373

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-03-12

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: 2022-03-12

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: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
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	17.3	17.2	17.3	17.1	17.2	17.1	17.2	17.1	17.2	17.1	17.1	17.1	17.2	17.1	17.1	17.2	17.1	17.2	17.3
5	16.7	16.5	16.7	16.5	16.7	17.1	17.1	18.2	17.7	18.9	18.1	19.5	18.4	19.8	18.6	20.0	19.0	20.5	21.1
10	15.9	15.7	15.9	17.2	18.5	22.1	22.2	25.8	24.4	27.8	25.9	29.0	26.7	29.5	27.1	29.9	27.5	30.2	31.2
15	15.1	14.9	15.9	20.9	24.7	31.6	33.1	38.4	36.6	40.9	38.7	42.5	39.8	43.2	40.1	43.4	40.2	43.5	44.4
20	14.3	14.1	17.2	25.1	31.9	41.4	45.6	51.3	50.5	55.6	53.1	56.7	54.7	57.7	54.9	57.6	54.5	57.0	58.2
25	13.3	13.1	18.6	29.4	39.0	51.1	57.8	65.1	64.2	68.4	66.0	71.1	70.4	72.2	70.8	71.9	70.2	71.1	71.9
30	12.2	12.0	20.1	33.3	45.6	59.6	70.0	77.6	78.3	81.2	81.8	84.4	84.0	85.5	84.3	85.3	83.6	84.4	85.2
35	10.9	10.8	21.2	36.6	51.5	67.4	79.8	88.7	89.6	92.4	93.3	95.7	95.8	97.1	96.1	96.8	95.2	95.9	96.8
40	9.63	9.64	22.0	39.1	56.3	74.0	88.1	97.8	99.0	102	103	105	105	107	106	106	105	105	106
45	8.29	8.54	22.4	40.9	59.9	78.9	94.3	105	106	109	110	112	113	114	113	113	112	112	113
50	6.92	7.47	22.4	41.7	62.2	81.8	98.4	109	111	113	115	116	117	118	118	118	117	116	117
55	5.53	6.38	21.9	41.7	63.0	83.0	100	111	113	115	117	118	119	120	120	120	119	118	119
60	4.18	5.12	20.5	40.8	62.4	82.3	99.6	111	112	114	116	117	118	119	119	119	118	117	118
65	2.89	3.77	18.9	39.2	60.6	79.8	97.2	108	110	111	113	114	115	115	116	115	115	114	115
70	1.71	2.52	17.3	37.1	57.7	76.0	92.8	103	105	106	108	109	110	110	111	110	110	108	109
75	0.75	1.54	15.8	34.5	54.1	71.2	87.4	97.2	99.3	99.6	102	103	104	104	104	103	103	102	103
80	0.21	1.04	14.5	31.9	50.0	65.9	81.3	90.7	92.7	92.9	95.3	95.8	97.2	96.9	97.5	96.5	96.7	95.3	96.3
85	0.17	0.94	13.5	29.4	46.1	60.4	75.2	83.9	86.1	86.3	88.4	88.8	90.2	89.9	90.5	89.4	89.6	88.1	89.0
90	0.17	0.98	12.4	26.7	41.9	54.9	68.7	77.0	79.2	79.3	81.4	81.7	83.0	82.6	83.2	82.1	82.2	80.8	81.6
95	0.15	0.95	11.3	23.9	37.6	49.2	62.0	69.8	71.9	72.2	74.2	74.5	75.8	75.4	76.1	74.9	75.1	73.7	74.4
100	0.17	0.89	10.1	21.3	33.5	43.9	55.6	62.1	64.8	64.4	67.1	67.6	68.7	68.4	68.9	67.7	67.0	63.3	61.6
105	0.17	0.79	8.89	18.8	29.7	39.0	49.7	55.3	58.2	58.0	60.5	60.2	62.1	61.1	62.0	58.3	56.8	50.9	47.2
110	0.18	0.66	7.68	16.6	26.3	34.5	44.1	49.1	52.1	51.9	52.6	54.1	56.0	54.7	56.0	50.4	47.7	41.1	36.2
115	0.19	0.57	6.55	14.5	23.1	30.4	39.0	43.3	46.3	46.3	48.8	48.4	50.2	48.5	48.4	43.4	39.9	33.1	27.8
120	0.21	0.52	5.63	12.6	20.2	26.6	34.2	38.1	41.0	41.0	43.4	43.1	44.5	42.7	42.2	37.1	33.3	26.7	21.2
125	0.23	0.48	4.79	10.8	17.5	23.1	29.9	33.2	35.9	36.1	38.3	38.0	39.3	37.3	36.5	31.6	27.7	21.3	16.0
130	0.23	0.43	4.01	9.14	15.0	19.8	25.7	28.5	31.2	31.4	33.5	33.1	34.1	32.1	31.3	26.6	22.9	16.8	11.9
135	0.23	0.38	3.30	7.59	12.6	16.8	21.9	24.2	26.7	26.9	28.9	28.4	29.3	27.3	26.4	22.1	18.6	13.1	8.68
140	0.23	0.33	2.63	6.15	10.4	13.8	18.2	20.1	22.5	22.6	24.5	23.9	24.7	22.7	21.9	17.9	14.8	9.88	6.05
145	0.23	0.28	2.02	4.80	8.34	11.0	14.7	16.2	18.4	18.5	20.2	19.5	20.2	18.4	17.6	14.1	11.5	7.16	3.93
150	0.21	0.26	1.47	3.56	6.38	8.40	11.5	12.5	14.5	14.5	16.0	15.3	16.0	14.3	13.7	10.6	8.42	4.80	2.12
155	0.21	0.24	1.01	2.47	4.58	6.00	8.39	9.05	10.8	10.7	12.1	11.4	12.0	10.5	10.0	7.49	5.72	2.73	0.60
160	0.20	0.21	0.68	1.54	2.96	3.87	5.59	5.98	7.39	7.23	8.31	7.66	8.18	6.89	6.68	4.72	3.58	1.67	0.39
165	0.19	0.19	0.40	0.83	1.63	2.13	3.17	3.35	4.35	4.20	4.95	4.44	4.85	3.89	3.76	2.51	1.94	0.79	0.25
170	0.18	0.18	0.22	0.33	0.66	0.81	1.29	1.19	1.61	1.31	1.56	1.73	1.53	1.23	1.26	0.86	0.74	0.45	0.19
175	0.15	0.15	0.15	0.15	0.19	0.22	0.31	0.28	0.29	0.22	0.41	0.33	0.49	0.38	0.39	0.24	0.21	0.21	0.15
180	0.15	0.14	0.13	0.13	0.12	0.13	0.14	0.13	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.19	0.16

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-03-12

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: 圆柱70光效LED(ERP)壁灯	TYPE: 5193602118	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: A2022031401
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	17.2	17.3	17.1	17.2	17.1	17.2	17.1	17.2	17.1	17.1	17.1	17.2	17.1	17.1	17.2	17.1	17.2		
5	19.7	21.6	20.2	22.2	20.6	22.6	20.8	22.6	20.5	22.0	19.8	20.6	18.6	18.7	17.3	16.9	16.6		
10	28.9	32.2	30.1	33.5	31.1	34.5	31.6	34.4	31.2	33.4	29.5	30.6	25.9	25.4	20.7	18.6	16.1		
15	41.8	45.9	43.5	47.5	44.9	48.6	45.5	48.4	45.0	47.0	42.8	43.8	37.2	33.9	26.3	21.4	16.2		
20	56.0	59.6	58.1	61.4	59.6	62.5	60.1	62.4	59.3	60.7	56.8	56.9	48.2	42.2	31.8	24.0	16.4		
25	71.3	73.8	73.3	75.5	74.8	76.4	75.2	76.2	74.2	74.1	71.4	69.7	58.9	50.1	37.0	26.4	16.4		
30	84.6	86.7	86.4	88.3	87.6	89.1	88.1	88.7	86.6	86.6	84.2	81.3	69.4	57.1	41.7	28.3	16.2		
35	96.2	98.3	97.7	99.5	99.0	100.0	99.1	99.6	97.7	97.3	95.1	91.2	77.7	63.1	45.5	29.7	15.8		
40	106	107	107	108	108	109	108	108	107	106	104	99.2	84.4	67.9	48.5	30.6	15.2		
45	113	114	114	115	115	115	115	115	113	112	110	105	89.4	71.2	50.5	30.8	14.4		
50	117	118	118	119	119	119	119	118	117	116	115	108	92.2	73.0	51.3	30.5	13.4		
55	119	120	120	120	120	120	120	119	118	117	116	109	92.9	73.1	51.1	29.6	12.2		
60	118	118	119	119	119	118	119	117	117	115	115	108	91.6	71.7	49.9	28.3	10.3		
65	115	115	115	115	115	115	115	114	113	112	111	104	88.5	68.9	47.8	26.6	8.34		
70	110	110	110	110	110	109	110	108	108	107	106	98.9	83.9	64.4	45.0	24.6	6.46		
75	104	103	104	103	104	103	103	102	101	100	100	92.7	78.5	60.0	41.9	22.6	4.90		
80	97.0	96.5	97.1	96.4	96.9	95.9	96.5	95.0	94.7	93.3	93.4	86.2	72.6	55.3	38.6	20.9	3.77		
85	89.8	89.3	90.0	89.2	89.9	88.9	89.4	87.8	87.7	86.3	86.4	79.3	66.7	50.4	35.4	19.0	3.09		
90	82.3	81.9	82.5	81.9	82.5	81.5	82.2	80.6	80.4	78.9	79.0	72.0	60.4	45.4	31.9	17.0	2.98		
95	75.0	74.7	75.3	74.7	75.2	74.3	74.8	73.3	73.0	71.5	71.5	64.0	54.1	40.4	28.4	15.0	2.67		
100	65.2	63.9	67.0	67.6	68.3	67.3	67.7	64.5	66.0	63.9	64.1	57.1	48.1	35.8	25.1	13.2	2.25		
105	51.3	52.0	57.3	58.9	61.5	60.4	61.2	59.1	59.4	57.1	57.2	50.7	42.6	31.6	22.1	11.4	1.62		
110	39.9	42.4	48.6	51.1	54.7	54.0	55.1	53.0	53.2	50.9	50.9	44.8	37.7	27.8	19.4	9.76	1.23		
115	31.0	34.4	40.8	44.0	48.1	47.8	49.2	47.3	47.6	45.2	45.1	39.4	33.1	24.3	16.8	8.27	1.01		
120	24.0	27.7	34.1	37.5	41.8	41.9	43.6	41.9	42.1	39.8	39.6	34.5	28.9	21.1	14.5	6.95	0.83		
125	18.3	22.2	28.3	31.8	36.0	36.4	38.2	36.7	37.1	34.8	34.5	29.8	25.0	18.1	12.4	5.75	0.69		
130	13.7	17.5	23.2	26.5	30.6	31.2	33.1	31.8	32.2	30.1	29.7	25.5	21.4	15.4	10.4	4.65	0.57		
135	10.1	13.4	18.6	21.8	25.6	26.2	28.2	27.1	27.6	25.6	25.2	21.5	18.0	12.7	8.53	3.67	0.46		
140	7.04	10.00	14.6	17.4	21.0	21.6	23.5	22.5	23.1	21.2	20.9	17.6	14.8	10.3	6.81	2.77	0.34		
145	4.60	7.03	11.0	13.4	16.6	17.1	19.0	18.1	18.8	17.0	16.8	13.9	11.8	7.99	5.23	2.00	0.25		
150	2.56	4.45	7.78	9.77	12.6	13.0	14.7	13.9	14.6	13.1	12.9	10.5	8.89	5.86	3.78	1.30	0.21		
155	0.77	2.30	4.99	6.52	8.87	9.14	10.7	9.98	10.7	9.32	9.30	7.30	6.24	3.93	2.50	0.79	0.19		
160	0.32	1.21	2.87	3.82	5.62	5.74	6.98	6.41	7.03	5.93	5.98	4.49	3.88	2.31	1.43	0.43	0.17		
165	0.19	0.52	1.32	1.80	2.86	2.94	3.78	3.38	3.87	3.11	3.16	2.24	1.95	0.98	0.43	0.19	0.16		
170	0.16	0.21	0.43	0.57	1.00	1.01	1.42	1.21	1.45	1.09	1.13	0.71	0.55	0.22	0.16	0.15	0.15		
175	0.14	0.13	0.12	0.13	0.18	0.16	0.22	0.16	0.18	0.14	0.17	0.15	0.15	0.14	0.13	0.14	0.13		
180	0.15	0.15	0.12	0.13	0.14	0.13	0.16	0.15	0.17	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.17		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-03-12

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: