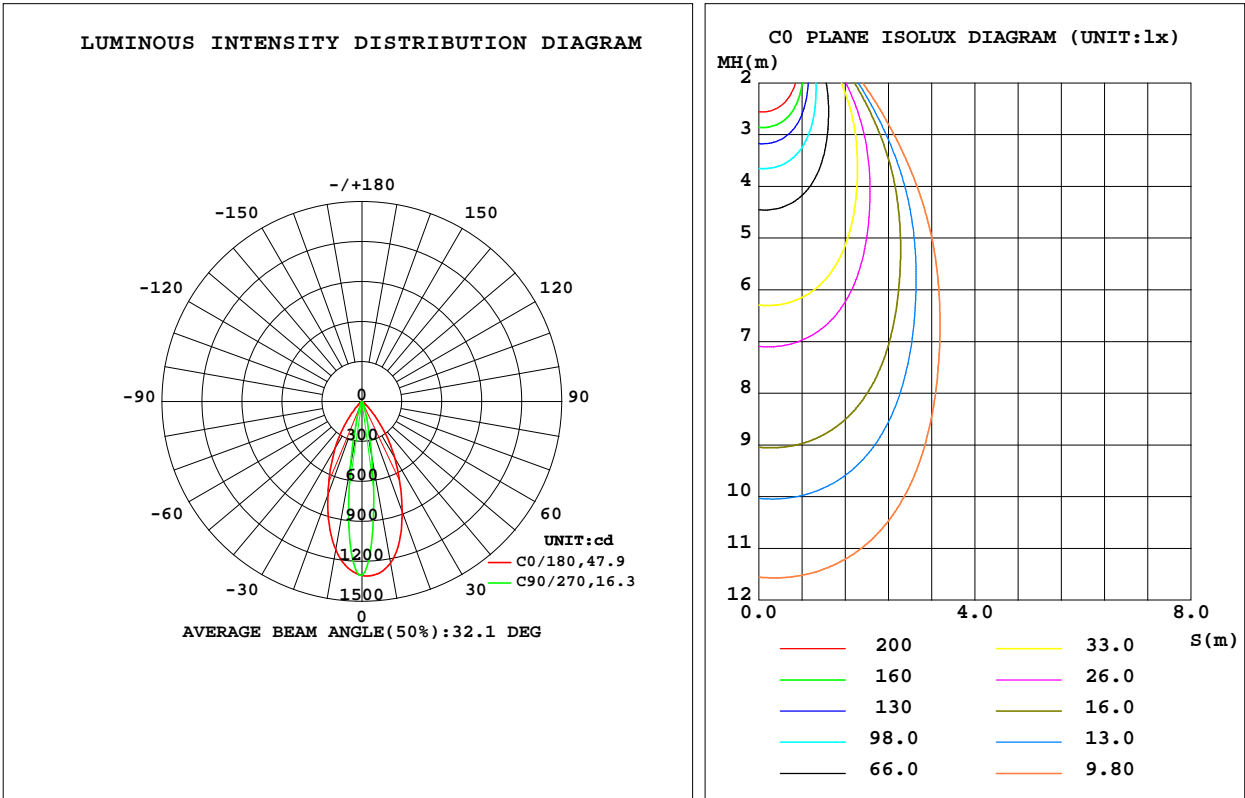


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.54 lm/W			
MODEL	C9-92-1201-3000K	I _{max} (cd)	1310	S/MH(C0/180)	0.70
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.30
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	424.31	h UP,DN(C0-180)	0.0,51.4
NOMINAL FLUX(lm)	424.308	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,48.6
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

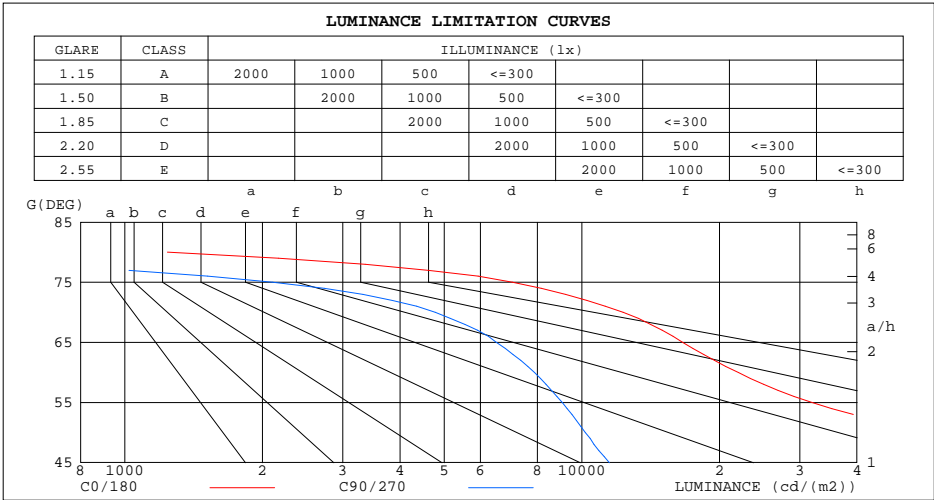
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1231	642.0	430.9	768.7	1133	683.4	511.5	881.5	0~ 10	96.70	96.70	22.8,22.8
20	885.3	125.6	67.25	202.2	750.7	128.5	74.36	253.0	10~ 20	137.9	234.6	55.3,55.3
30	494.7	34.07	21.23	51.90	404.0	33.01	22.34	59.24	20~ 30	95.98	330.6	77.9,77.9
40	190.4	15.53	10.66	20.50	136.4	14.89	11.36	22.41	30~ 40	57.50	388.1	91.5,91.5
50	37.63	8.499	6.673	9.840	27.88	8.244	7.198	11.22	40~ 50	22.47	410.5	96.8,96.8
60	11.16	4.958	4.012	5.142	9.399	4.757	4.337	6.150	50~ 60	8.508	419.0	98.8,98.8
70	4.275	2.204	1.666	1.857	3.189	1.921	1.862	2.684	60~ 70	4.210	423.3	99.8,99.8
80	0.2182	0.0204	0.0006	0	0	0.0002	0	0.0833	70~ 80	1.049	424.3	100,100
90	0	0	0	0	0	0	0	0	80~ 90	0.0035	424.3	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

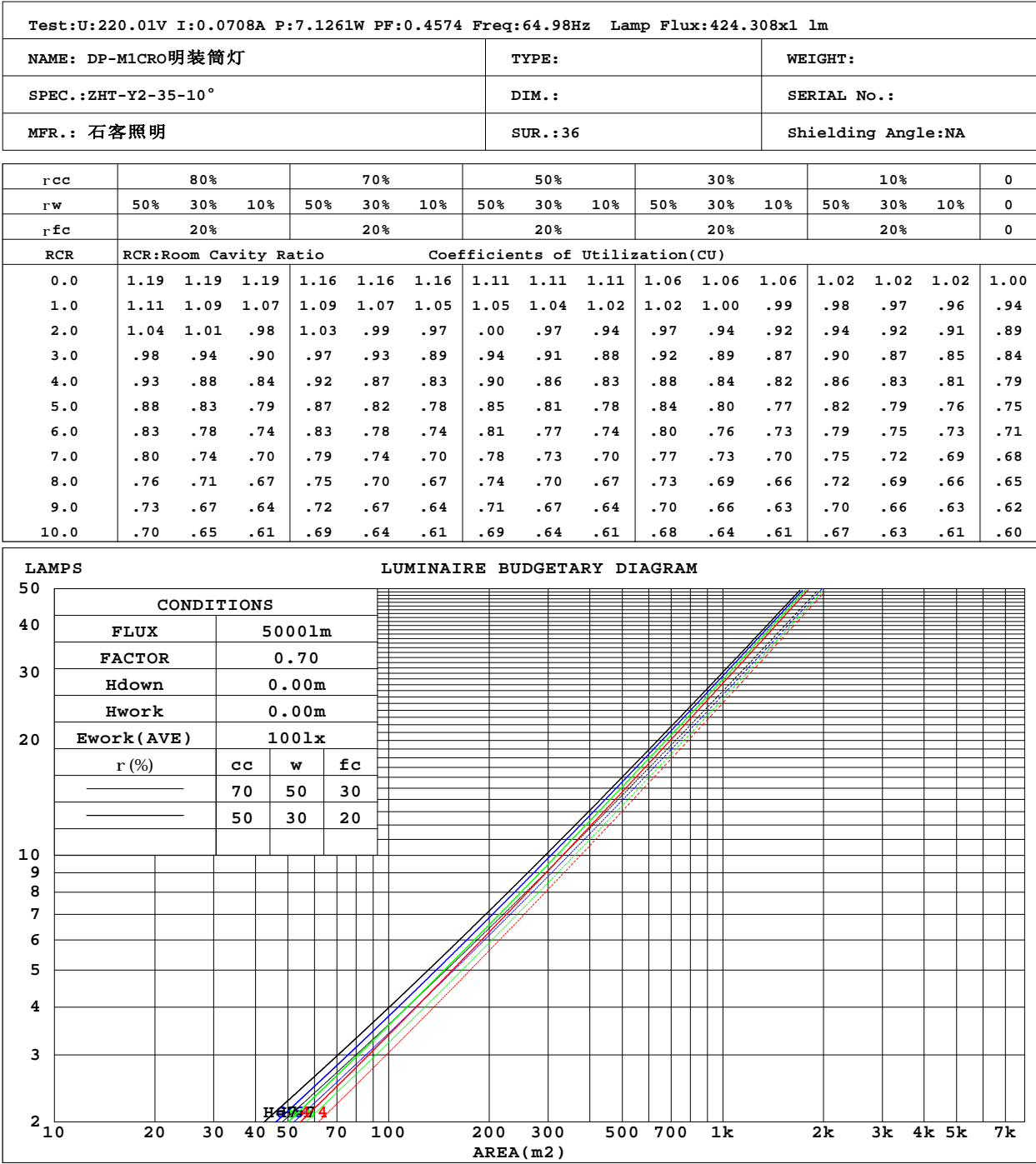


LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	0	0
80	1238	3
75	7052	2106
70	12321	4780
65	16634	6509
60	21995	7874
55	31940	9066
50	57693	10189
45	122532	11500

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.165	.094	.030	.159	.090	.029	.146	.084	.027	.135	.078	.025	.124	.072	.023	
2.0	.157	.086	.026	.152	.084	.026	.141	.078	.024	.131	.074	.023	.123	.069	.022	
3.0	.149	.079	.024	.144	.077	.023	.135	.073	.022	.127	.070	.021	.119	.066	.020	
4.0	.141	.073	.021	.137	.072	.021	.129	.068	.020	.122	.066	.020	.115	.063	.019	
5.0	.133	.068	.020	.130	.067	.019	.123	.064	.019	.117	.062	.018	.111	.060	.018	
6.0	.127	.063	.018	.124	.062	.018	.118	.060	.018	.112	.058	.017	.107	.057	.017	
7.0	.120	.060	.017	.118	.059	.017	.113	.057	.016	.108	.055	.016	.104	.054	.016	
8.0	.115	.056	.016	.113	.055	.016	.108	.054	.015	.104	.053	.015	.100	.051	.015	
9.0	.110	.053	.015	.108	.052	.015	.104	.051	.015	.100	.050	.014	.096	.049	.014	
10.0	.105	.050	.014	.103	.050	.014	.100	.049	.014	.096	.048	.014	.093	.047	.013	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.091	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.074	.112	.085	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.121	.087	.062	.104	.075	.054	.071	.052	.038	.041	.031	.022	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.106	.069	.044	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.059	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.094	.058	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.077	.046	.025	.054	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm											
NAME: DP-M1CRO明装筒灯						TYPE:		WEIGHT:			
SPEC.:ZHT-Y2-35-10°						DIM.:		SERIAL No.:			
MFR.: 石客照明						SUR.:36		Shielding Angle:NA			
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	25.1	25.9	25.3	26.1	26.2	12.7	13.6	13.0	13.8	13.9	
	3H	25.0	25.8	25.3	26.0	26.2	13.3	14.1	13.5	14.3	14.5
	4H	24.9	25.7	25.2	25.9	26.1	13.3	14.0	13.6	14.3	14.5
	6H	24.9	25.6	25.1	25.8	26.0	13.2	13.9	13.5	14.2	14.4
	8H	24.8	25.5	25.1	25.7	26.0	13.2	13.9	13.5	14.1	14.4
	12H	24.8	25.4	25.1	25.7	25.9	13.1	13.8	13.4	14.0	14.3
4H	2H	24.8	25.6	25.1	25.8	26.0	13.4	14.1	13.6	14.3	14.5
	3H	24.8	25.4	25.1	25.7	26.0	14.0	14.6	14.3	14.9	15.2
	4H	24.7	25.3	25.1	25.6	25.9	14.0	14.6	14.3	14.9	15.2
	6H	24.6	25.1	25.0	25.5	25.8	13.9	14.4	14.3	14.8	15.1
	8H	24.6	25.1	25.0	25.4	25.8	13.9	14.3	14.2	14.7	15.1
	12H	24.5	25.0	24.9	25.3	25.7	13.8	14.2	14.2	14.6	15.0
8H	4H	24.6	25.1	25.0	25.4	25.8	14.0	14.5	14.4	14.8	15.2
	6H	24.5	24.9	24.9	25.3	25.7	13.9	14.3	14.3	14.7	15.1
	8H	24.4	24.8	24.9	25.2	25.6	13.8	14.2	14.3	14.6	15.1
	12H	24.4	24.7	24.8	25.1	25.6	13.8	14.1	14.3	14.5	15.0
12H	4H	24.5	25.0	24.9	25.3	25.7	13.9	14.4	14.4	14.8	15.1
	6H	24.4	24.8	24.9	25.2	25.6	13.8	14.2	14.3	14.6	15.1
	8H	24.4	24.7	24.8	25.1	25.6	13.8	14.1	14.3	14.5	15.0
Variations with the observer position at spacings:											
S = 1.0H	+ 5.1 / - 7.7					+ 0.8 / - 1.1					
1.5H	+ 7.0 / - 9.4					+ 0.6 / - 0.9					
2.0H	+ 7.6 / - 6.6					+ 0.8 / - 1.3					

CIE Pub.117, 424.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.0)
Area: 0.00101736 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

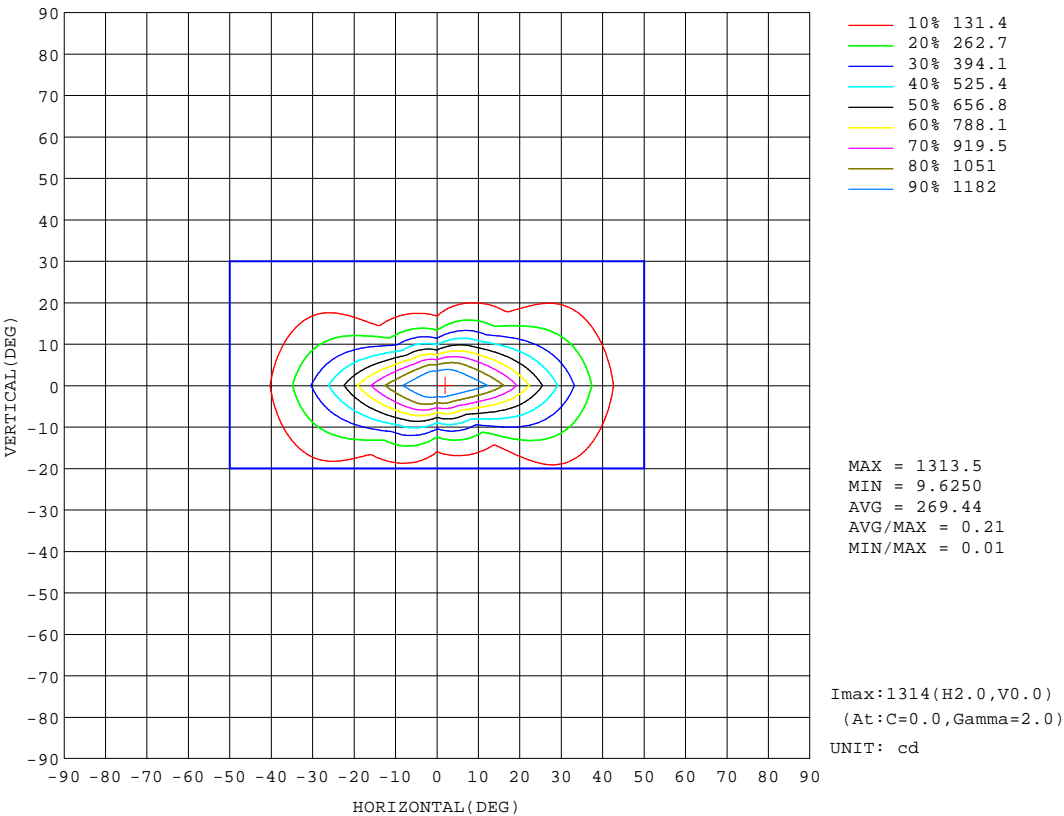
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	80	76	86	79	76	85	79	75	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	93	100	95	92	88
1.50	105	101	97	104	100	97	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:谭玉珠
 Test Date:2026-06-02

g Range: 0 - 90DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.446m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA



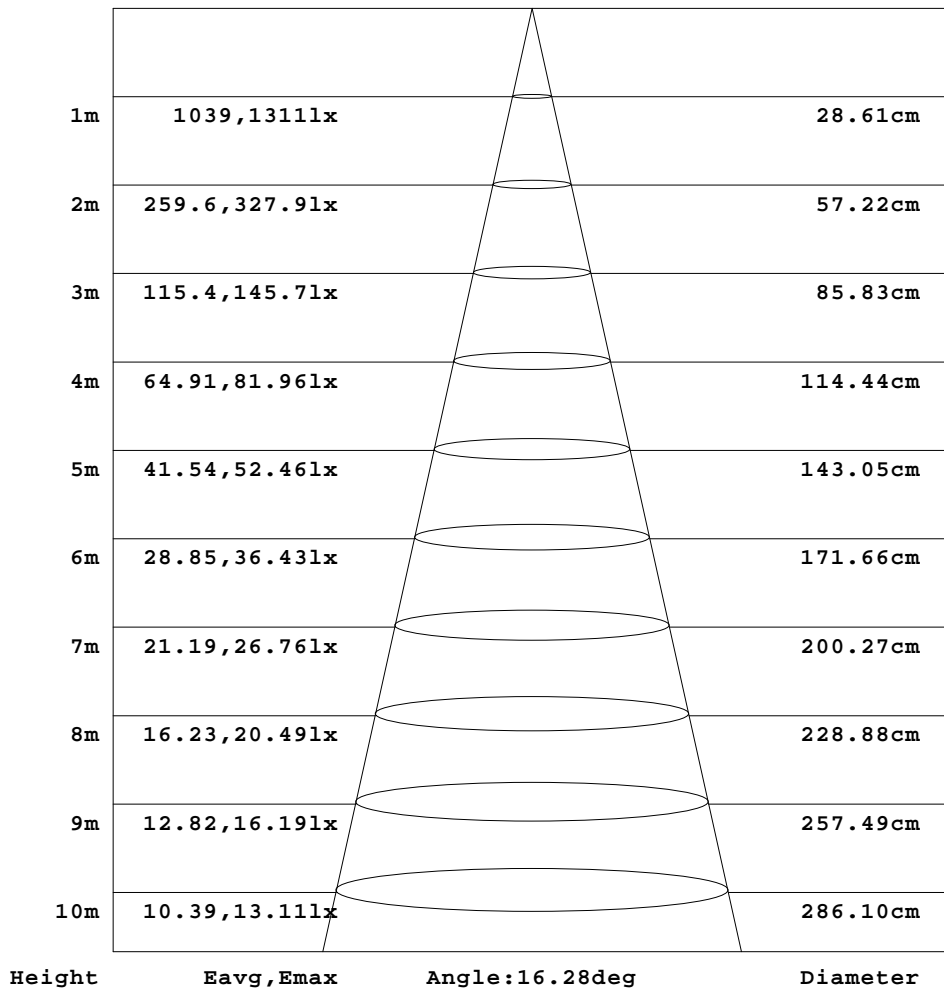
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

deg Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

Flux out:81.84 lm



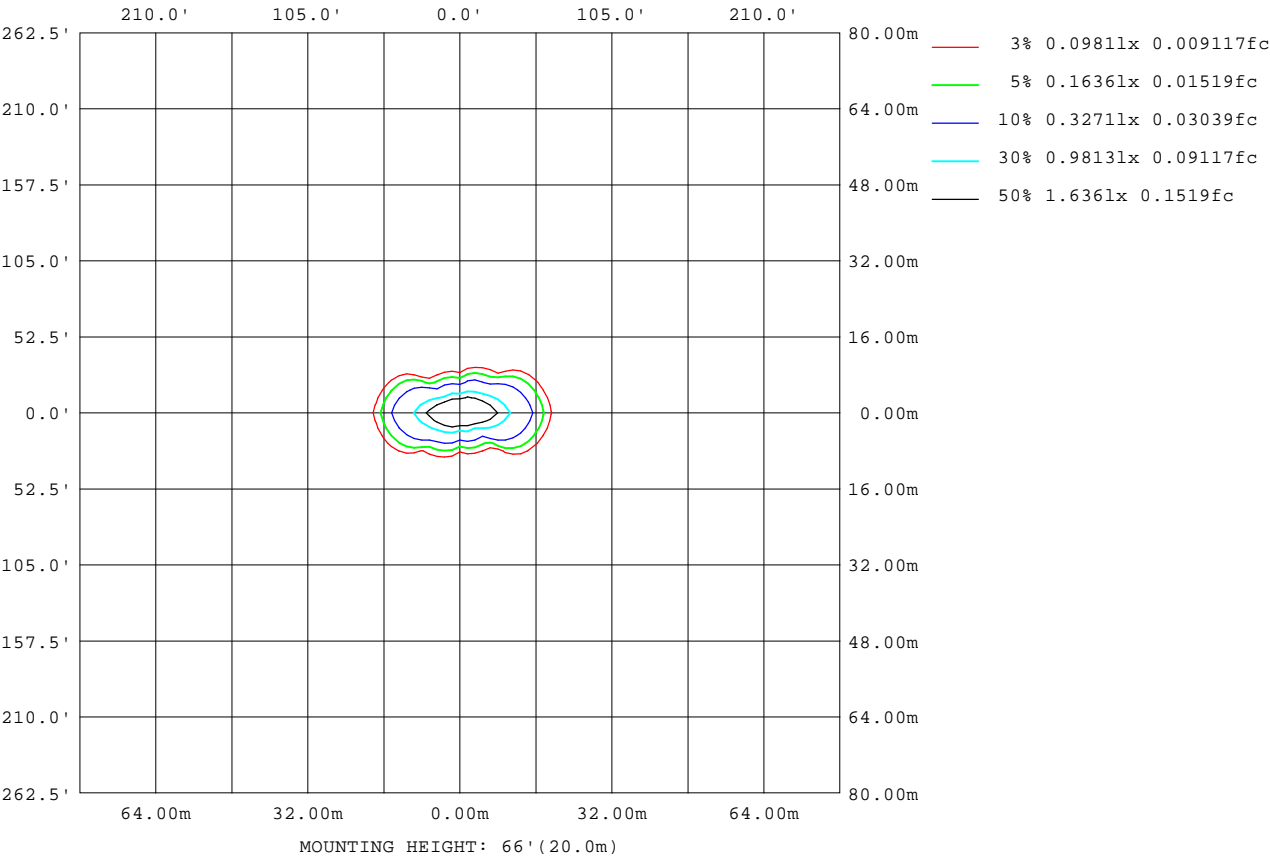
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 谭玉珠
 Test Date: 2026-06-02

g Range: 0 - 90DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.446m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.01V I:0.0708A P:7.1261W PF:0.4574 Freq:64.98Hz Lamp Flux:424.308x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-10°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

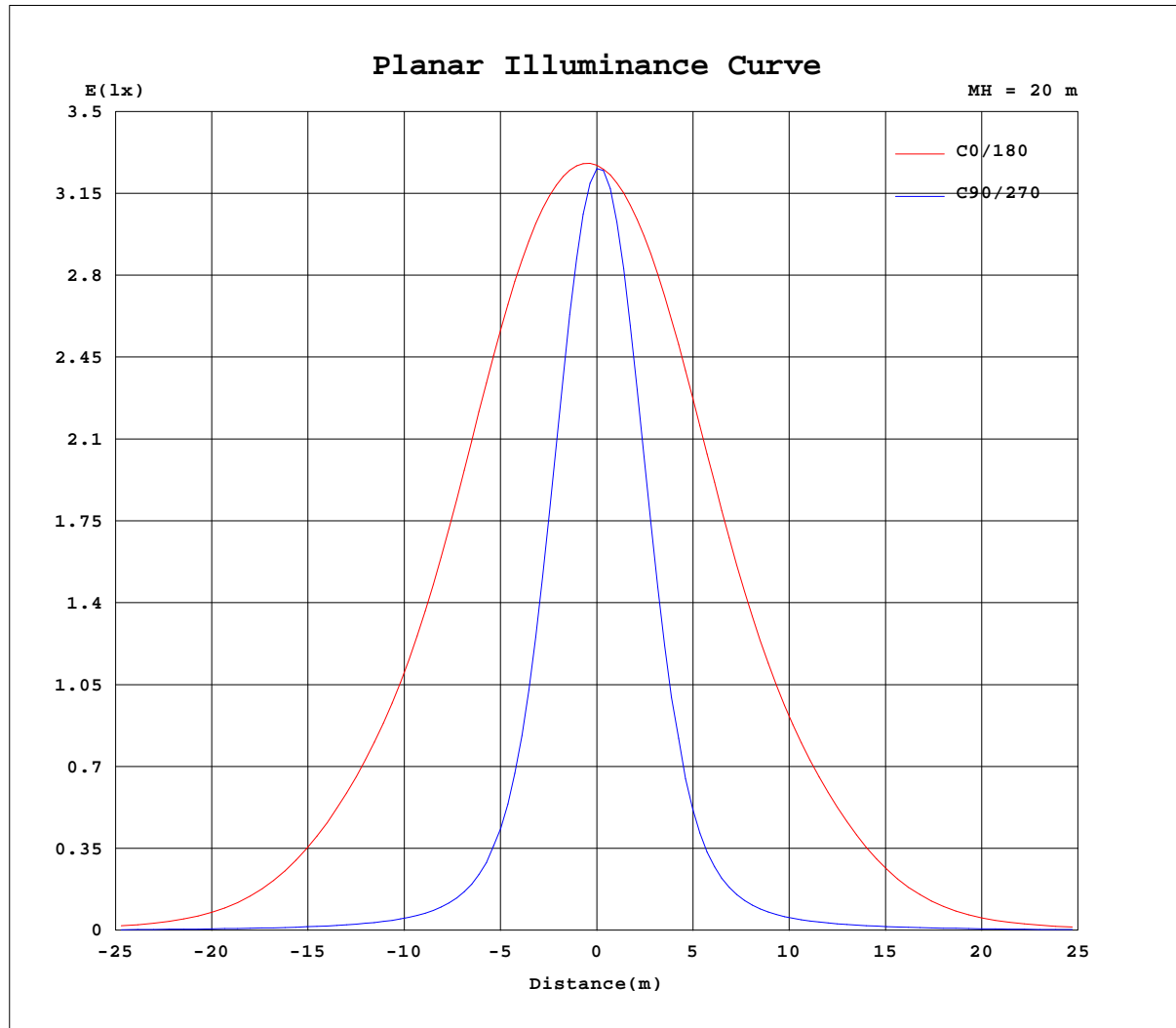
AvgL	cd/m2
L_0~180(65)av	15250
L_0~180(75)av	5356
L_0~180(85)av	0
L_90~270(65)av	6807
L_90~270(75)av	2355
L_90~270(85)av	0
L_45(65)av	8575
L_45(75)av	2824
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 谭玉珠
Test Date: 2026-06-02

deg Range: 0 - 90DEG
deg Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.446m [K=1.0000]
Remarks:

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.446m [K=1.0000]
Remarks:

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