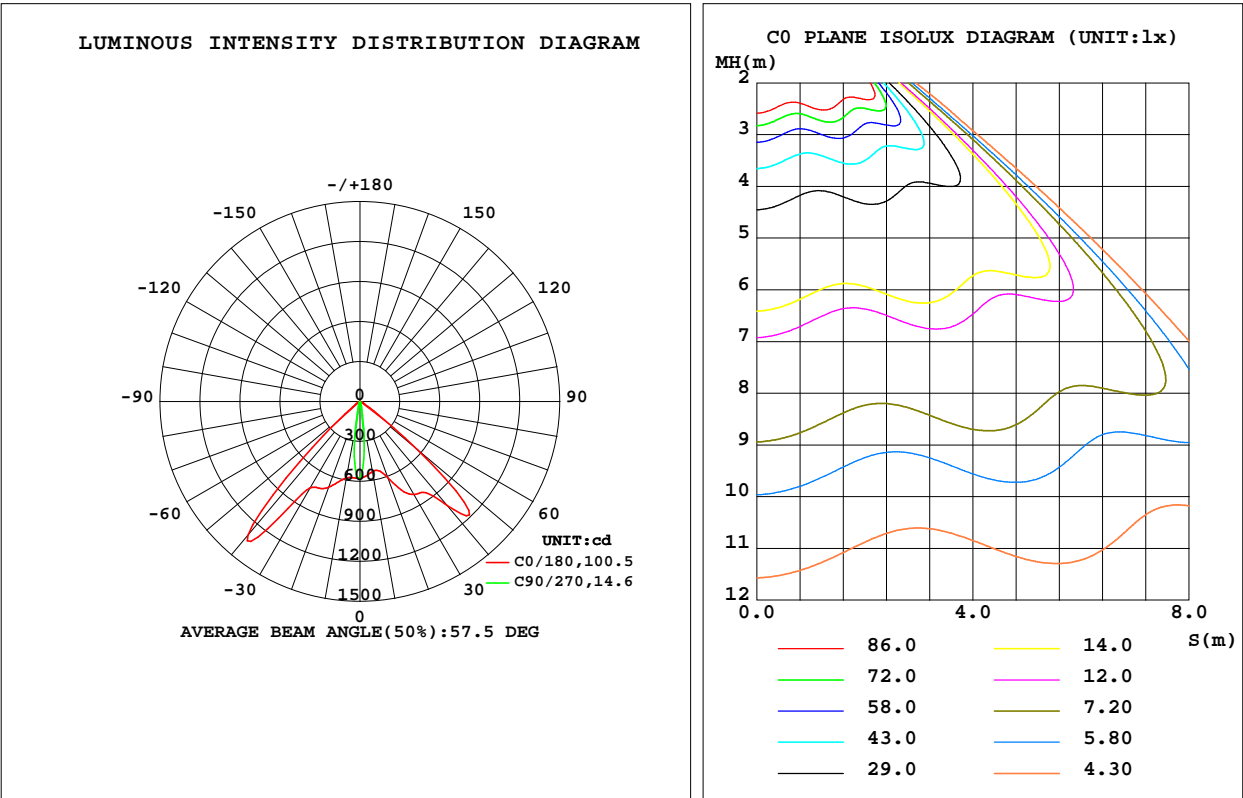


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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: 80.34 lm/W
MODEL	C9-92-1201-3000K	Imax(cd)	1346	S/MH(C0/180)	1.49	
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.28	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	572.75	h UP,DN(C0-180)	0.0,51.7	
NOMINAL FLUX(lm)	572.748	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,48.3	
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:

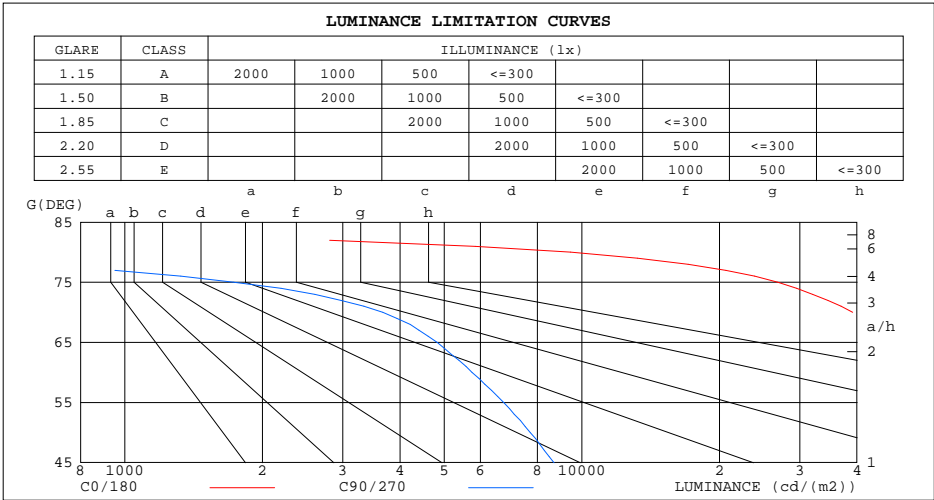
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	536.0	249.6	137.4	259.5	583.0	350.6	198.3	326.7	0~ 10	41.41	41.41	7.23,7.23
20	606.5	58.60	29.90	58.09	684.1	77.58	36.41	74.02	10~ 20	66.84	108.3	18.9,18.9
30	806.4	25.68	13.40	24.97	749.5	29.89	15.40	29.79	20~ 30	95.95	204.2	35.7,35.7
40	1015	13.95	7.777	13.48	1310	15.49	8.573	15.66	30~ 40	160.9	365.1	63.7,63.7
50	568.3	8.075	5.054	7.637	148.9	8.630	5.456	8.858	40~ 50	167.6	532.7	93,93
60	39.08	4.751	2.930	4.393	26.91	4.900	3.215	5.182	50~ 60	30.77	563.4	98.4,98.4
70	13.60	2.251	1.277	1.669	8.853	1.982	1.527	2.649	60~ 70	7.246	570.7	99.6,99.6
80	1.669	0.0358	0.0004	0	0	0.0003	0.0255	0.1921	70~ 80	2.023	572.7	100,100
90	0	0	0	0	0.0258	0	0	0	80~ 90	0.0339	572.7	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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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

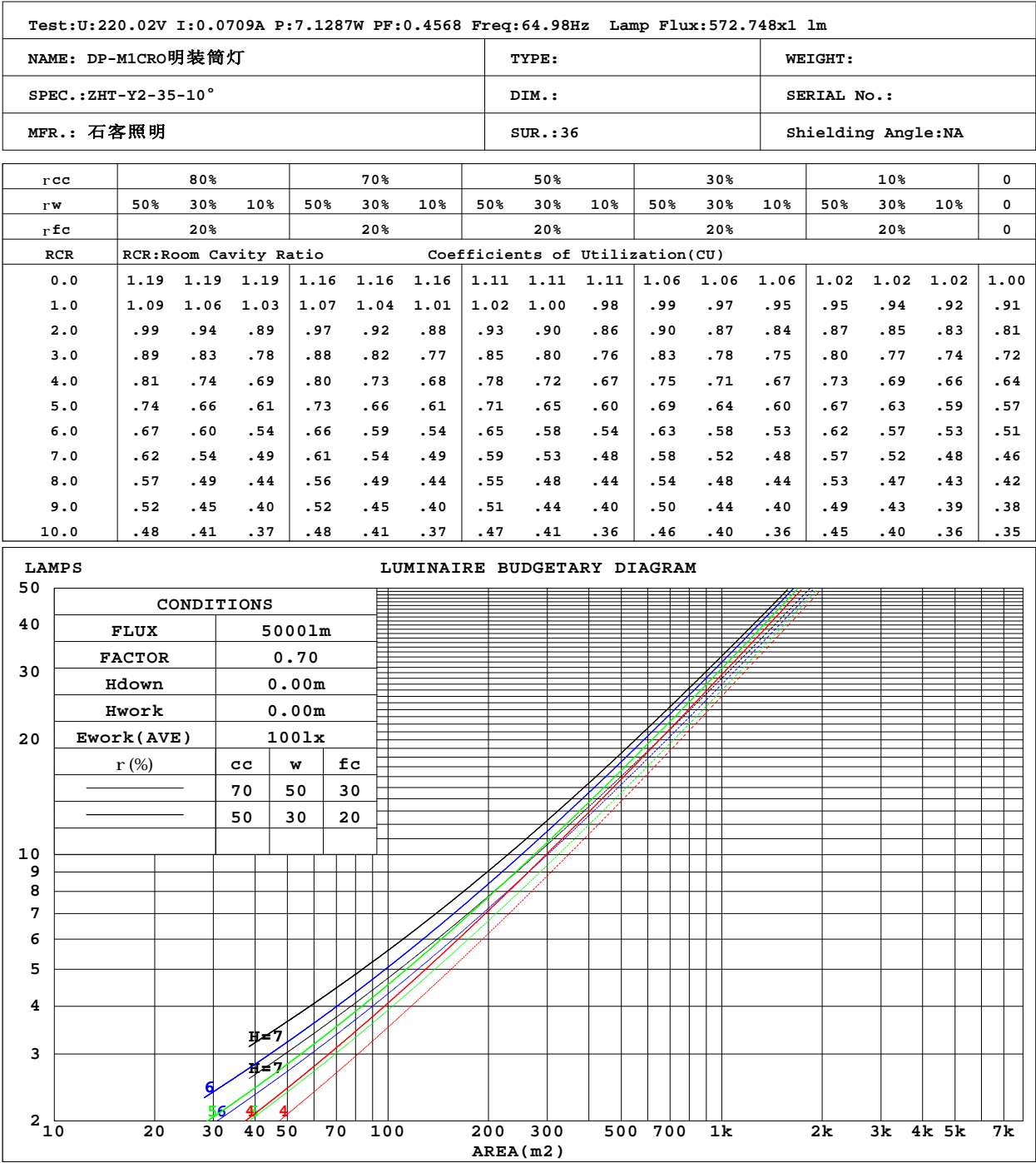


LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	9456	2
75	26853	1731
70	39135	3666
65	51949	4827
60	76910	5753
55	221881	6749
50	869812	7719
45	1610034	8694

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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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	.217	.124	.039	.210	.120	.038	.198	.113	.036	.186	.107	.034	.175	.101	.033	
2.0	.214	.117	.036	.208	.115	.035	.197	.109	.034	.187	.105	.033	.177	.100	.032	
3.0	.206	.110	.033	.201	.108	.032	.191	.104	.032	.182	.100	.031	.174	.096	.030	
4.0	.197	.102	.030	.193	.101	.030	.184	.098	.029	.176	.095	.029	.169	.092	.028	
5.0	.188	.096	.028	.184	.094	.027	.176	.092	.027	.169	.089	.027	.163	.087	.026	
6.0	.179	.090	.026	.175	.088	.025	.168	.086	.025	.162	.084	.025	.156	.082	.024	
7.0	.170	.084	.024	.167	.083	.024	.161	.081	.023	.155	.080	.023	.150	.078	.023	
8.0	.161	.079	.022	.159	.078	.022	.153	.077	.022	.148	.075	.022	.144	.074	.021	
9.0	.154	.074	.021	.151	.074	.021	.146	.072	.021	.142	.071	.020	.137	.070	.020	
10.0	.146	.070	.019	.144	.070	.019	.140	.068	.019	.136	.067	.019	.132	.066	.019	

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	.174	.157	.142	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.162	.132	.107	.139	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.152	.114	.083	.130	.098	.072	.090	.068	.051	.052	.040	.030	.017	.013	.010	
4.0	.144	.100	.066	.124	.086	.057	.085	.060	.040	.049	.035	.024	.016	.011	.008	
5.0	.137	.089	.054	.118	.077	.047	.081	.054	.033	.047	.032	.019	.015	.010	.006	
6.0	.130	.080	.044	.112	.069	.038	.077	.049	.027	.045	.029	.016	.014	.009	.005	
7.0	.124	.073	.037	.107	.063	.032	.074	.044	.023	.043	.026	.014	.014	.009	.005	
8.0	.119	.067	.032	.102	.058	.028	.071	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.114	.062	.028	.098	.054	.024	.068	.038	.017	.040	.022	.010	.013	.007	.003	
10.0	.109	.058	.024	.094	.051	.021	.065	.036	.015	.038	.021	.009	.012	.007	.003	

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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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	36.3	37.6	36.6	37.8	38.0	18.9	20.2	19.2	20.3	20.5	
	3H	36.2	37.3	36.4	37.5	37.7	18.8	19.9	19.1	20.1	20.3
	4H	36.1	37.1	36.4	37.4	37.6	18.7	19.8	19.0	20.0	20.2
	6H	36.0	37.0	36.3	37.2	37.5	18.6	19.6	18.9	19.9	20.1
	8H	35.9	36.9	36.3	37.2	37.4	18.6	19.5	18.9	19.8	20.0
	12H	35.9	36.8	36.2	37.1	37.4	18.5	19.4	18.8	19.7	20.0
4H	2H	36.1	37.1	36.3	37.4	37.6	19.6	20.6	19.9	20.9	21.1
	3H	35.9	36.8	36.2	37.1	37.4	19.5	20.4	19.8	20.6	20.9
	4H	35.8	36.6	36.2	36.9	37.2	19.4	20.2	19.7	20.5	20.8
	6H	35.7	36.4	36.1	36.8	37.1	19.3	20.0	19.7	20.3	20.7
	8H	35.7	36.3	36.1	36.7	37.1	19.2	19.9	19.6	20.3	20.6
	12H	35.6	36.2	36.0	36.6	37.0	19.2	19.8	19.6	20.2	20.6
8H	4H	35.7	36.3	36.1	36.7	37.1	19.3	20.0	19.7	20.3	20.7
	6H	35.6	36.1	36.0	36.5	36.9	19.2	19.8	19.7	20.2	20.6
	8H	35.5	36.0	36.0	36.4	36.9	19.2	19.7	19.6	20.1	20.5
	12H	35.5	35.9	36.0	36.3	36.8	19.1	19.5	19.6	20.0	20.5
12H	4H	35.6	36.2	36.0	36.6	37.0	19.3	19.9	19.7	20.3	20.7
	6H	35.5	36.0	36.0	36.4	36.9	19.2	19.7	19.6	20.1	20.5
	8H	35.5	35.9	36.0	36.3	36.8	19.1	19.5	19.6	20.0	20.5
Variations with the observer position at spacings:											
S = 1.0H	+ 4.2 / - 8.3					+ 5.5 / - 5.0					
1.5H	+ 6.0 / -17.2					+ 5.5 / - 3.9					
2.0H	+ 8.6 / -18.4					+ 1.6 / - 2.0					

CIE Pub.117, 572.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.9)
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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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

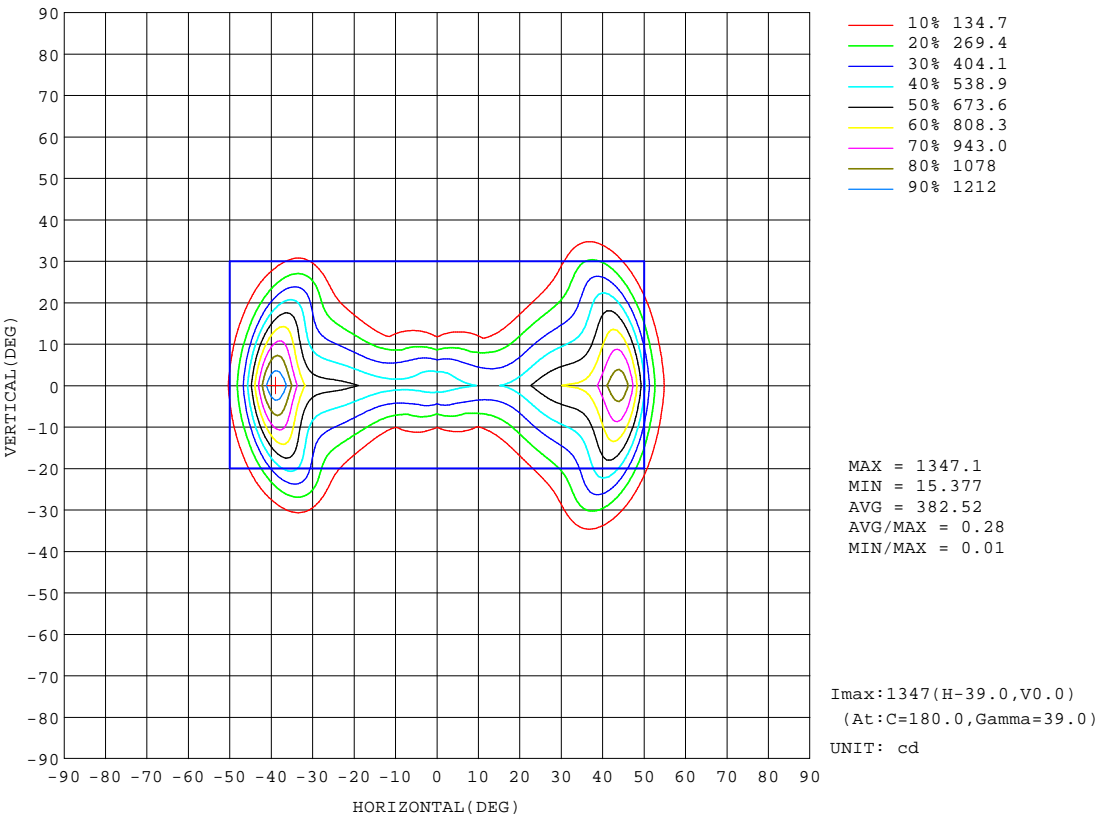
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	68	59	53	68	59	53	67	58	53	47
0.80	79	70	64	78	69	64	77	69	63	58
1.00	87	79	74	86	79	73	84	79	73	67
1.25	94	86	81	93	86	81	90	84	80	74
1.50	98	91	86	97	90	86	94	89	85	79
2.00	103	97	93	102	96	92	99	94	91	84
2.50	106	100	96	104	99	95	101	96	93	86
3.00	108	103	99	106	102	98	102	99	96	89
4.00	111	107	103	108	105	102	105	102	99	91
5.00	112	109	106	110	107	104	106	103	101	93
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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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



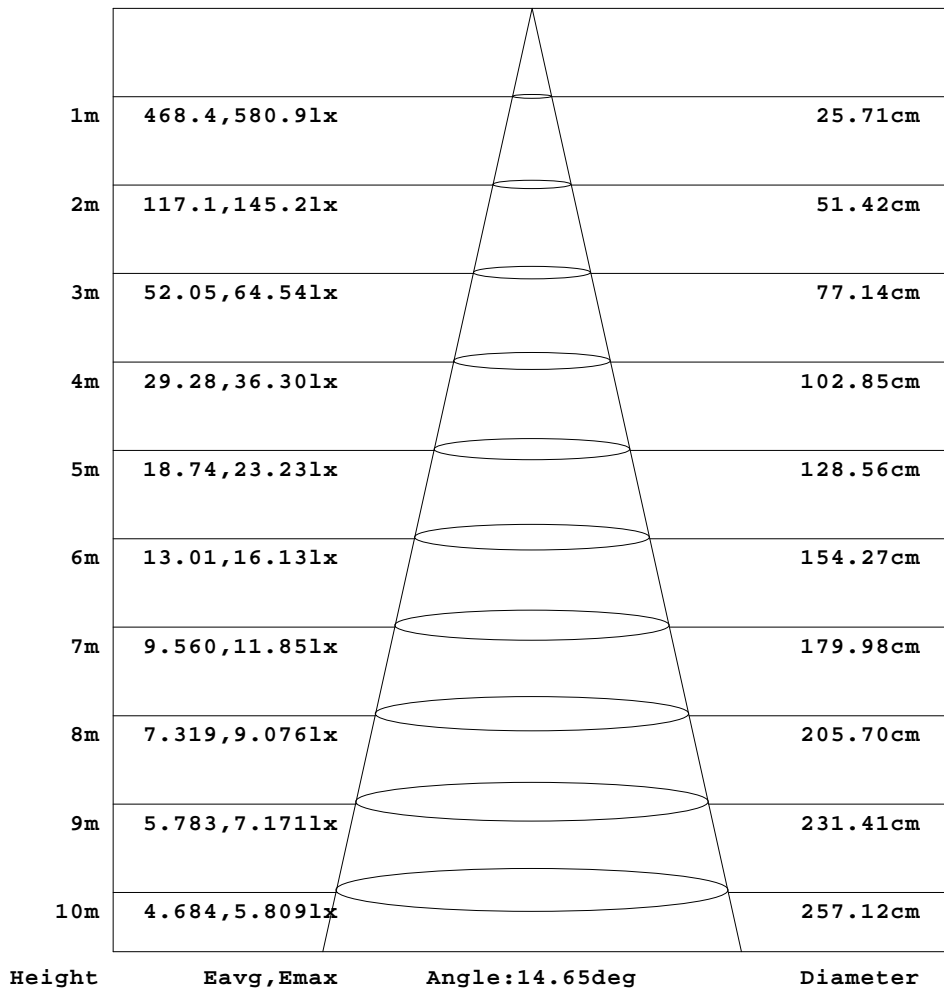
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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:29.07 lm



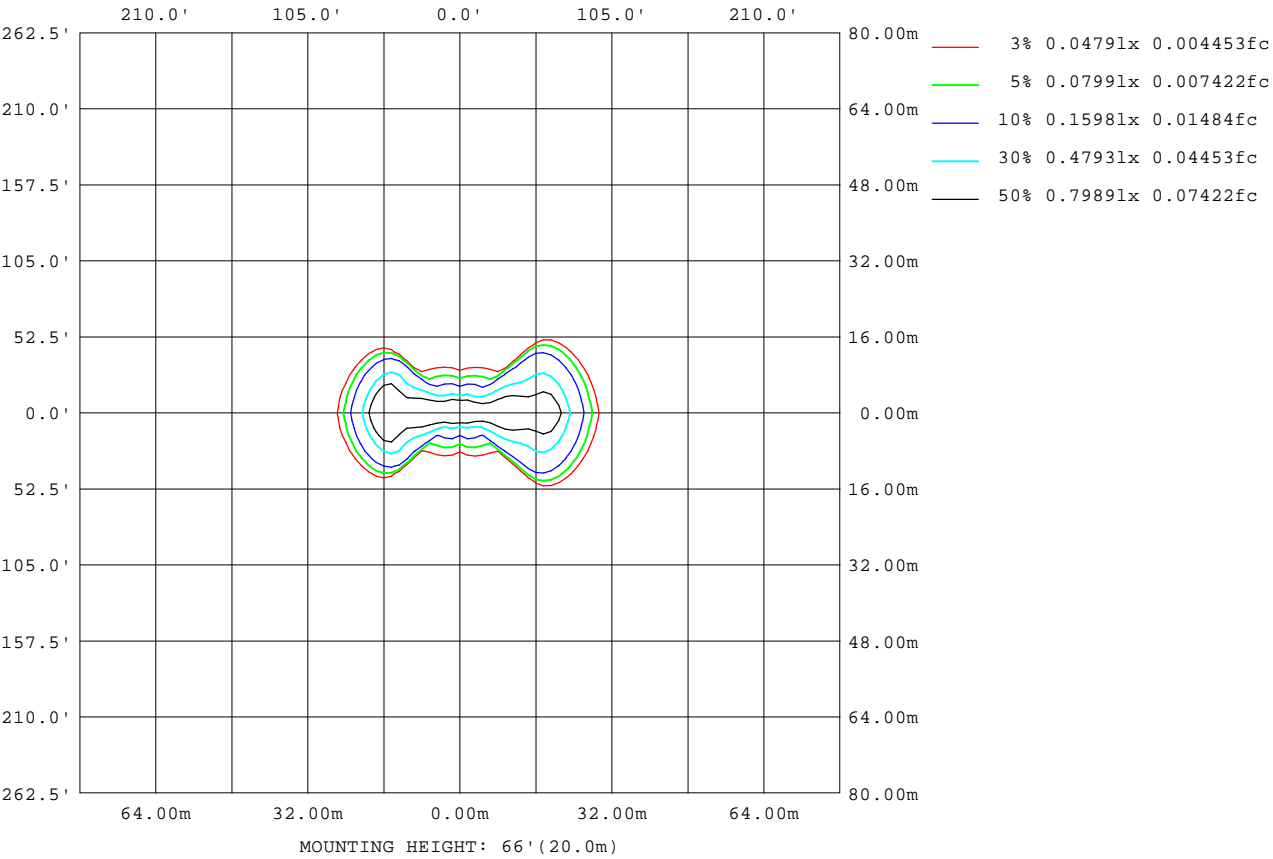
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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
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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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:220.02V I:0.0709A P:7.1287W PF:0.4568 Freq:64.98Hz Lamp Flux:572.748x1 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

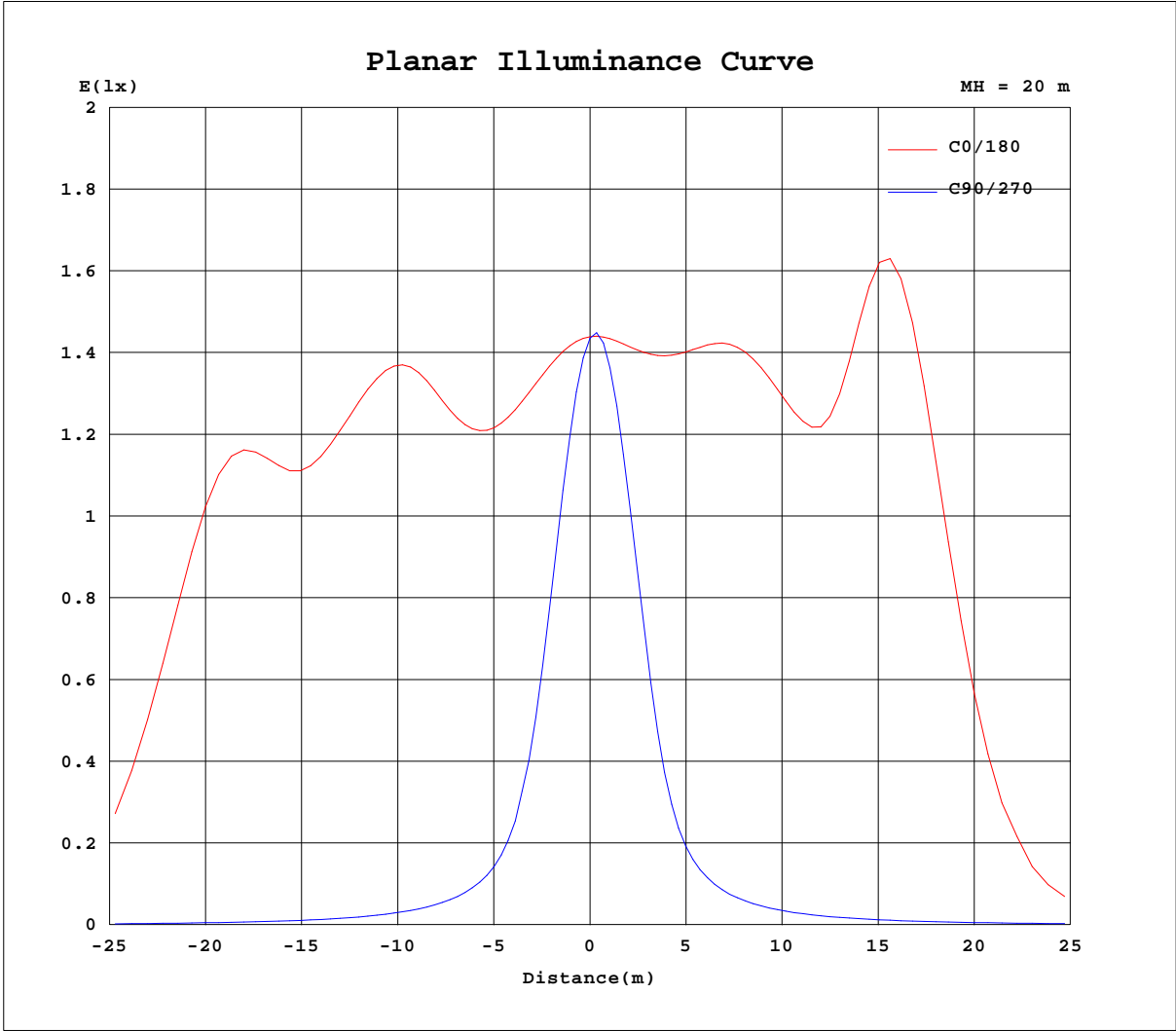
AvgL	cd/m2
L_0~180(65)av	45021
L_0~180(75)av	18874
L_0~180(85)av	0
L_90~270(65)av	5105
L_90~270(75)av	2177
L_90~270(85)av	0
L_45(65)av	8070
L_45(75)av	3003
L_45(85)av	0

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
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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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:

```