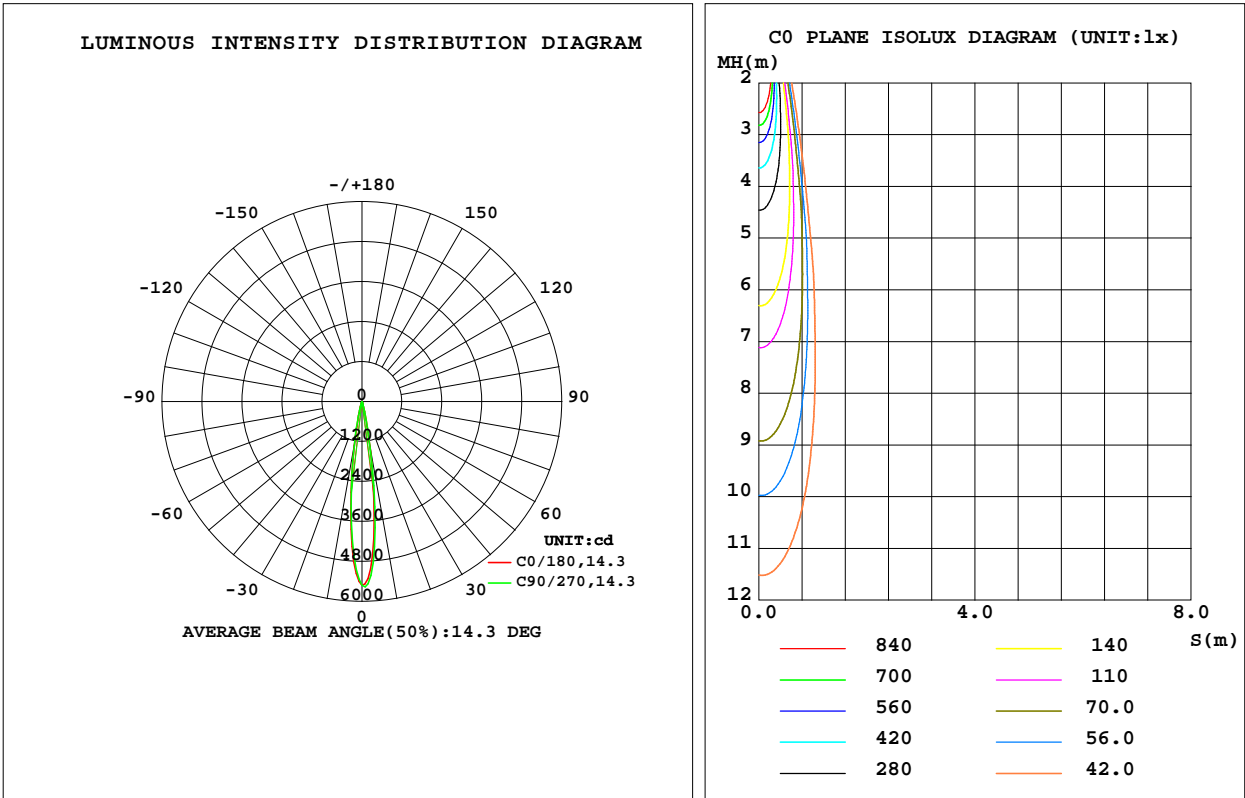


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.02V I:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.93 lm/W			
MODEL	C9-92-1201-3000K	I _{max} (cd)	5580	S/MH(C0/180)	0.24
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.23
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	458.74	h UP,DN(C0-180)	0.0,51.5
NOMINAL FLUX(lm)	458.74	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,48.5
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:

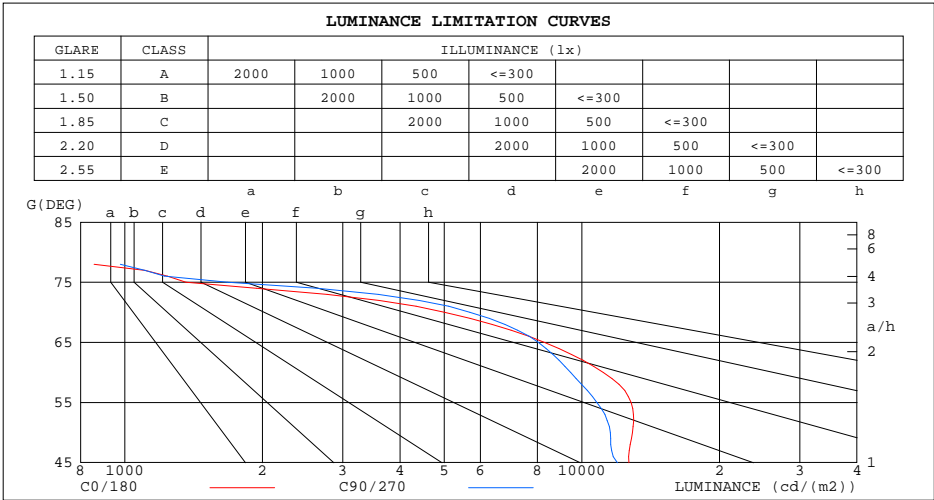
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1448	1554	1472	1397	1354	1319	1373	1388	0~ 10	291.9	291.9	63.6,63.6
20	92.58	93.86	93.38	97.62	103.1	101.8	104.0	96.42	10~ 20	115.2	407.1	88.7,88.7
30	26.05	26.14	26.77	27.19	27.76	25.95	26.38	25.20	20~ 30	22.16	429.3	93.6,93.6
40	11.73	12.10	12.17	12.81	12.83	12.58	13.00	12.33	30~ 40	11.16	440.4	96,96
50	8.354	7.987	7.567	8.084	8.759	9.536	9.905	9.591	40~ 50	7.654	448.1	97.7,97.7
60	5.615	5.091	4.822	5.234	5.570	5.793	5.940	5.773	50~ 60	6.537	454.6	99.1,99.1
70	1.724	1.913	1.984	1.934	1.804	1.630	1.548	1.616	60~ 70	3.468	458.1	99.9,99.9
80	0.0365	0.0153	0.0732	0.0155	0.0202	0.0264	0	0.0216	70~ 80	0.6518	458.7	100,100
90	0	0	0	0	0	0	0	0	80~ 90	0.0015	458.7	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:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	0	0
80	209	413
75	1360	1679
70	5006	5687
65	8289	8033
60	11152	9456
55	12831	10799
50	12907	11543
45	12688	11966

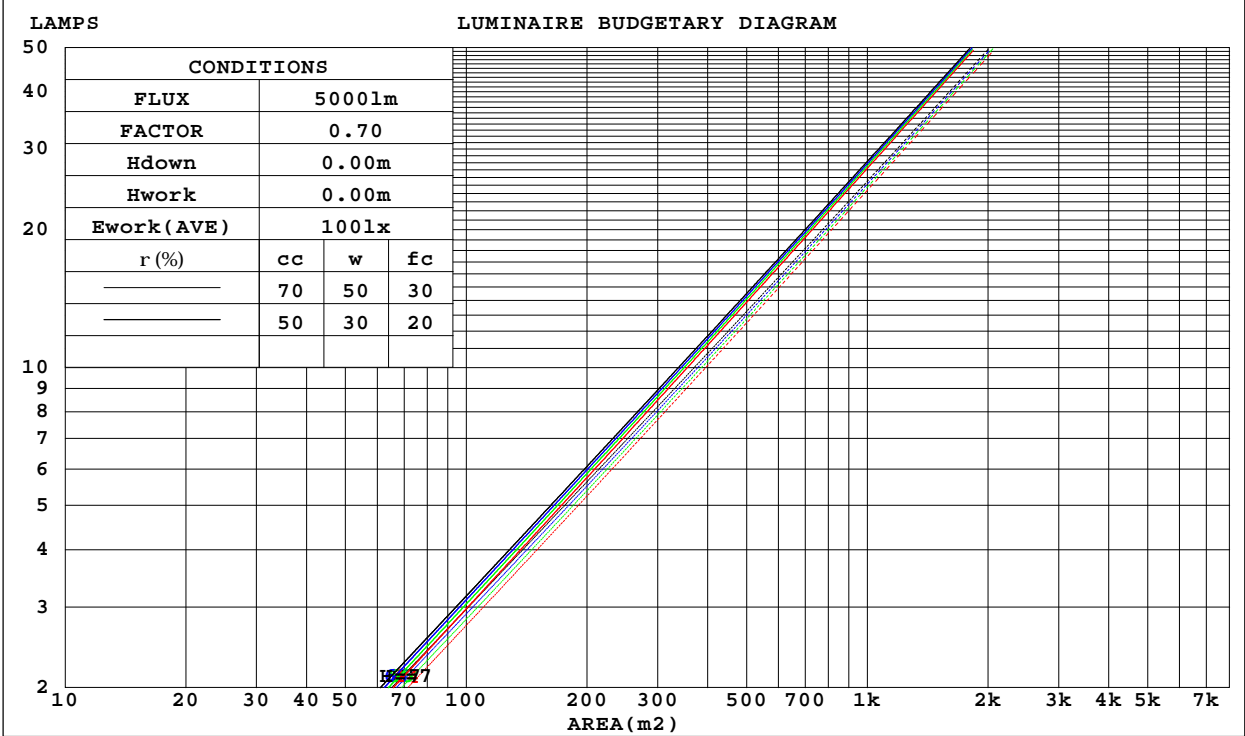
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

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

Test:U:220.02V I:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	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			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.14	1.12	1.10	1.12	1.10	1.09	1.08	1.06	1.05	1.04	1.03	1.02	1.01	.00	.99	.98
2.0	1.09	1.07	1.04	1.08	1.05	1.03	1.04	1.03	1.01	1.02	1.00	.99	.99	.98	.97	.95
3.0	1.05	1.02	.00	1.04	1.01	.99	1.02	.99	.97	.00	.98	.96	.97	.96	.95	.93
4.0	1.02	.99	.96	1.01	.98	.96	.99	.97	.95	.98	.95	.94	.96	.94	.93	.92
5.0	.00	.96	.94	.99	.96	.93	.97	.95	.92	.96	.93	.92	.94	.93	.91	.90
6.0	.97	.94	.91	.97	.93	.91	.95	.93	.90	.94	.92	.90	.93	.91	.89	.88
7.0	.95	.92	.89	.95	.91	.89	.94	.91	.89	.93	.90	.88	.92	.90	.88	.87
8.0	.93	.90	.88	.93	.90	.88	.92	.89	.87	.91	.89	.87	.91	.88	.87	.86
9.0	.92	.89	.86	.91	.88	.86	.91	.88	.86	.90	.88	.86	.89	.87	.86	.85
10.0	.90	.87	.85	.90	.87	.85	.89	.87	.85	.89	.86	.85	.88	.86	.84	.84



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:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	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	.122	.070	.022	.116	.066	.021	.103	.059	.019	.092	.053	.017	.082	.047	.015	
2.0	.112	.061	.019	.107	.059	.018	.097	.054	.017	.087	.049	.015	.079	.045	.014	
3.0	.103	.055	.016	.099	.053	.016	.090	.049	.015	.083	.045	.014	.075	.042	.013	
4.0	.095	.049	.015	.091	.048	.014	.084	.045	.013	.078	.042	.013	.072	.039	.012	
5.0	.088	.045	.013	.085	.044	.013	.079	.041	.012	.074	.039	.012	.069	.037	.011	
6.0	.082	.041	.012	.080	.040	.012	.075	.038	.011	.070	.036	.011	.066	.035	.010	
7.0	.077	.038	.011	.075	.037	.011	.071	.036	.010	.067	.034	.010	.063	.033	.010	
8.0	.073	.035	.010	.071	.035	.010	.067	.033	.010	.063	.032	.009	.060	.031	.009	
9.0	.068	.033	.009	.067	.033	.009	.064	.031	.009	.061	.030	.009	.058	.029	.008	
10.0	.065	.031	.009	.063	.031	.009	.061	.030	.008	.058	.029	.008	.055	.028	.008	

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	.167	.158	.149	.143	.135	.128	.098	.093	.089	.056	.054	.052	.018	.017	.017	
2.0	.148	.133	.120	.127	.114	.104	.087	.079	.072	.050	.046	.042	.016	.015	.014	
3.0	.132	.113	.098	.113	.098	.085	.078	.068	.060	.045	.040	.035	.014	.013	.011	
4.0	.119	.098	.081	.102	.084	.071	.070	.059	.050	.041	.034	.029	.013	.011	.010	
5.0	.107	.085	.068	.092	.073	.059	.064	.051	.042	.037	.030	.025	.012	.010	.008	
6.0	.098	.075	.058	.084	.065	.051	.058	.045	.036	.034	.027	.021	.011	.009	.007	
7.0	.089	.066	.050	.077	.057	.043	.053	.040	.031	.031	.024	.018	.010	.008	.006	
8.0	.082	.059	.043	.071	.051	.038	.049	.036	.027	.029	.021	.016	.009	.007	.005	
9.0	.076	.053	.038	.066	.046	.033	.045	.032	.023	.026	.019	.014	.009	.006	.005	
10.0	.071	.048	.033	.061	.042	.029	.042	.029	.021	.025	.017	.012	.008	.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:220.02V I:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm											
NAME: DP-M1CRO明装筒灯						TYPE:		WEIGHT:			
SPEC.:ZHT-Y2-35-15°						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	13.1	13.6	13.3	13.8	13.9	12.6	13.2	12.8	13.3	13.5	
	3H	13.7	14.2	13.9	14.3	14.5	13.3	13.9	13.6	14.0	14.2
	4H	13.6	14.1	13.9	14.3	14.5	13.4	13.8	13.6	14.0	14.3
	6H	13.6	14.0	13.8	14.2	14.5	13.3	13.7	13.6	14.0	14.2
	8H	13.5	14.0	13.8	14.2	14.4	13.2	13.7	13.5	13.9	14.2
	12H	13.5	13.9	13.8	14.2	14.4	13.2	13.6	13.5	13.9	14.1
4H	2H	13.5	14.0	13.7	14.2	14.4	13.1	13.6	13.4	13.8	14.0
	3H	14.1	14.5	14.4	14.8	15.0	13.8	14.3	14.1	14.5	14.8
	4H	14.0	14.4	14.4	14.7	15.0	13.8	14.2	14.2	14.5	14.8
	6H	13.9	14.3	14.3	14.6	15.0	13.7	14.1	14.1	14.4	14.8
	8H	13.9	14.2	14.3	14.6	14.9	13.7	14.0	14.1	14.4	14.7
	12H	13.8	14.1	14.2	14.5	14.9	13.6	13.9	14.0	14.3	14.7
8H	4H	13.9	14.3	14.3	14.6	15.0	13.7	14.1	14.1	14.4	14.8
	6H	13.8	14.1	14.2	14.5	14.9	13.6	13.9	14.0	14.3	14.7
	8H	13.8	14.0	14.2	14.4	14.9	13.6	13.8	14.0	14.2	14.7
	12H	13.7	13.9	14.2	14.3	14.8	13.5	13.7	14.0	14.2	14.6
12H	4H	13.9	14.2	14.3	14.5	14.9	13.7	14.0	14.1	14.4	14.7
	6H	13.8	14.0	14.2	14.4	14.9	13.6	13.8	14.0	14.2	14.7
	8H	13.7	13.9	14.2	14.3	14.8	13.5	13.7	14.0	14.2	14.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.6					+ 0.5 / - 0.8					
1.5H	+ 0.4 / - 0.7					+ 0.4 / - 0.5					
2.0H	+ 0.9 / - 1.0					+ 0.8 / - 0.8					

CIE Pub.117, 458.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.7)
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:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

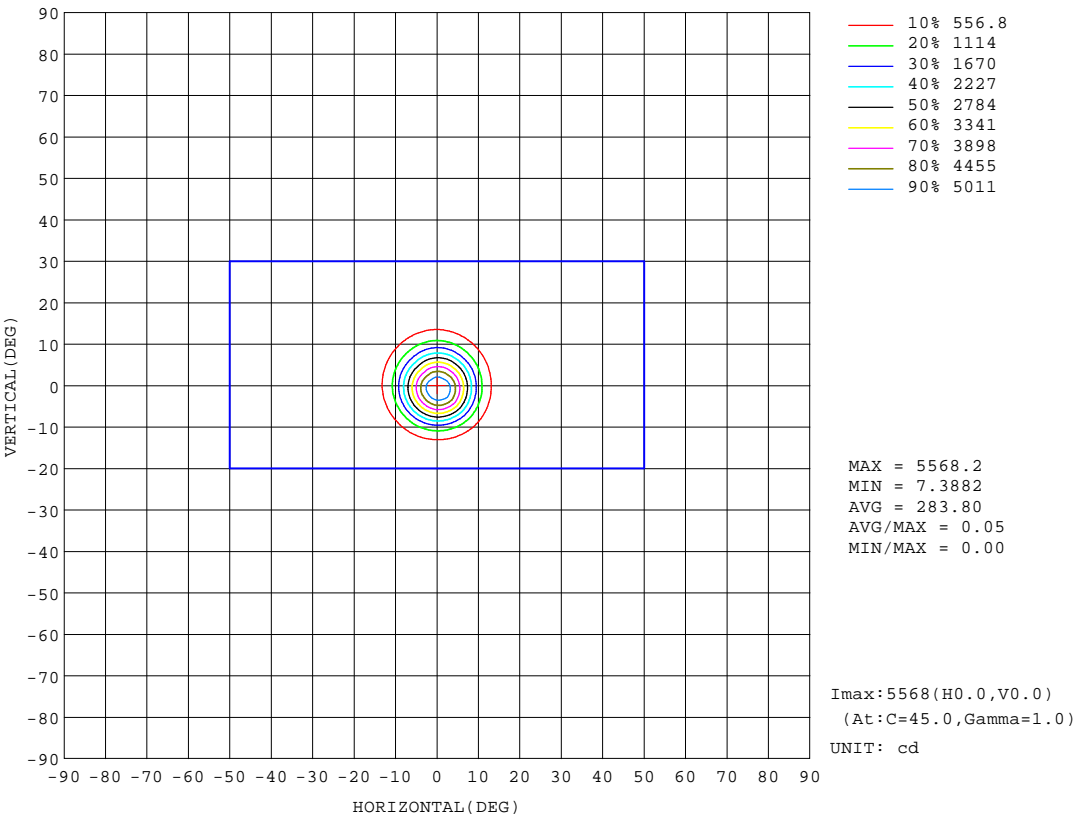
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	89	83	79	89	83	79	88	82	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	99	95	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
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:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA



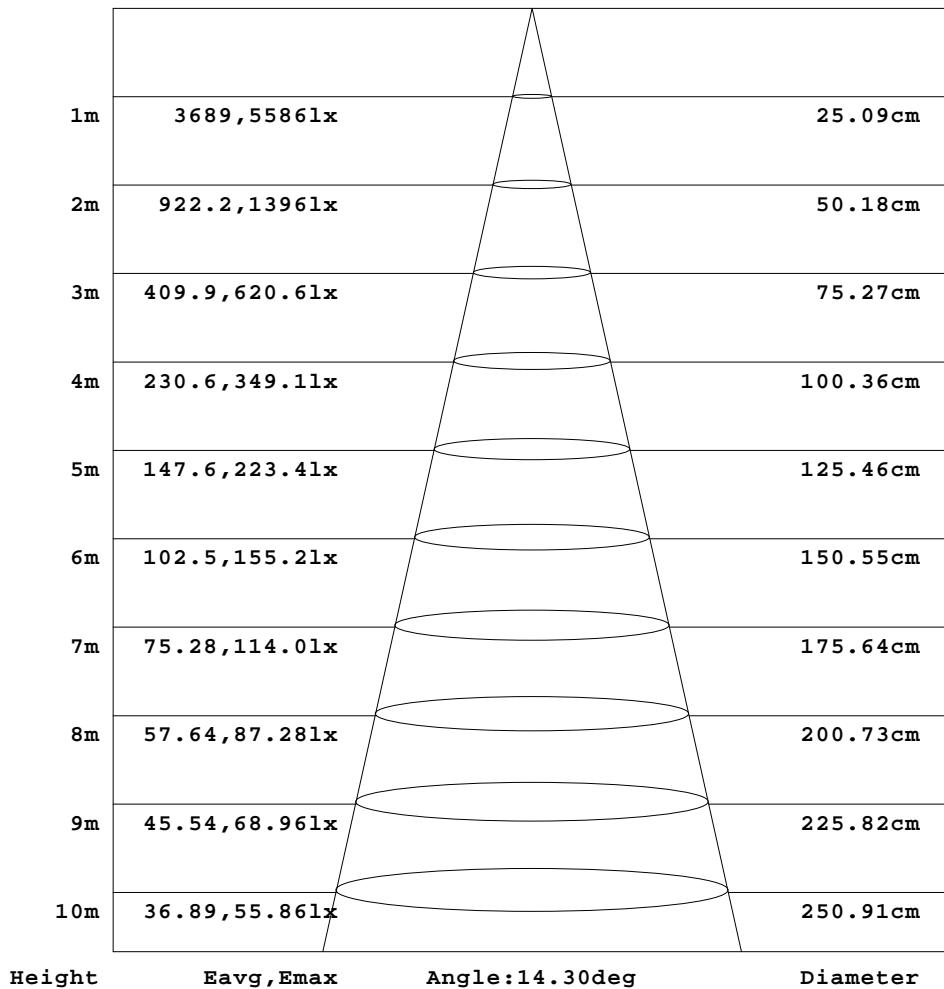
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:谭玉珠
Test Date:2026-06-02

g Range: 0 - 90DEG
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:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

Flux out:228.9 lm



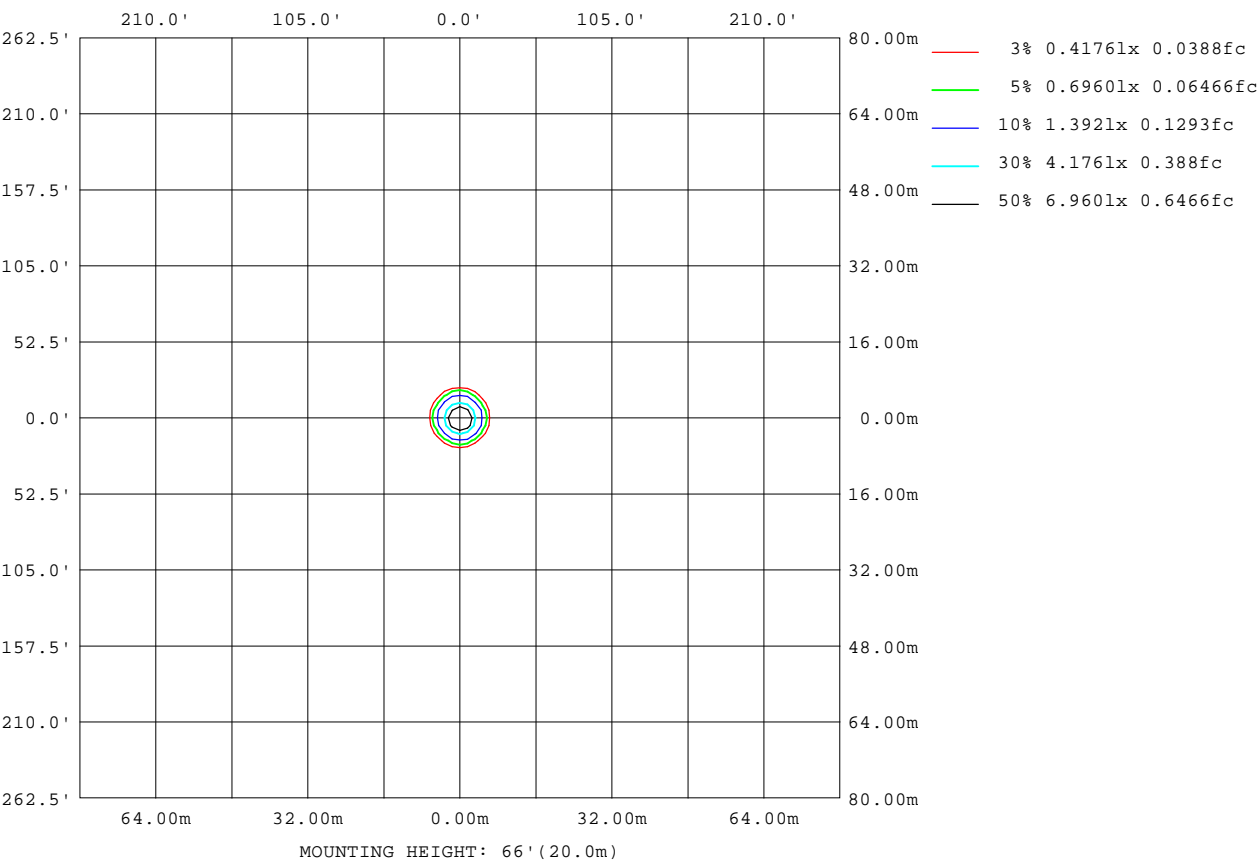
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.02V I:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	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:0.0710A P:7.1755W PF:0.4591 Freq:64.98Hz Lamp Flux:458.74x1 lm		
NAME: DP-M1CRO明装筒灯	TYPE:	WEIGHT:
SPEC.:ZHT-Y2-35-15°	DIM.:	SERIAL No.:
MFR.: 石客照明	SUR.:36	Shielding Angle:NA

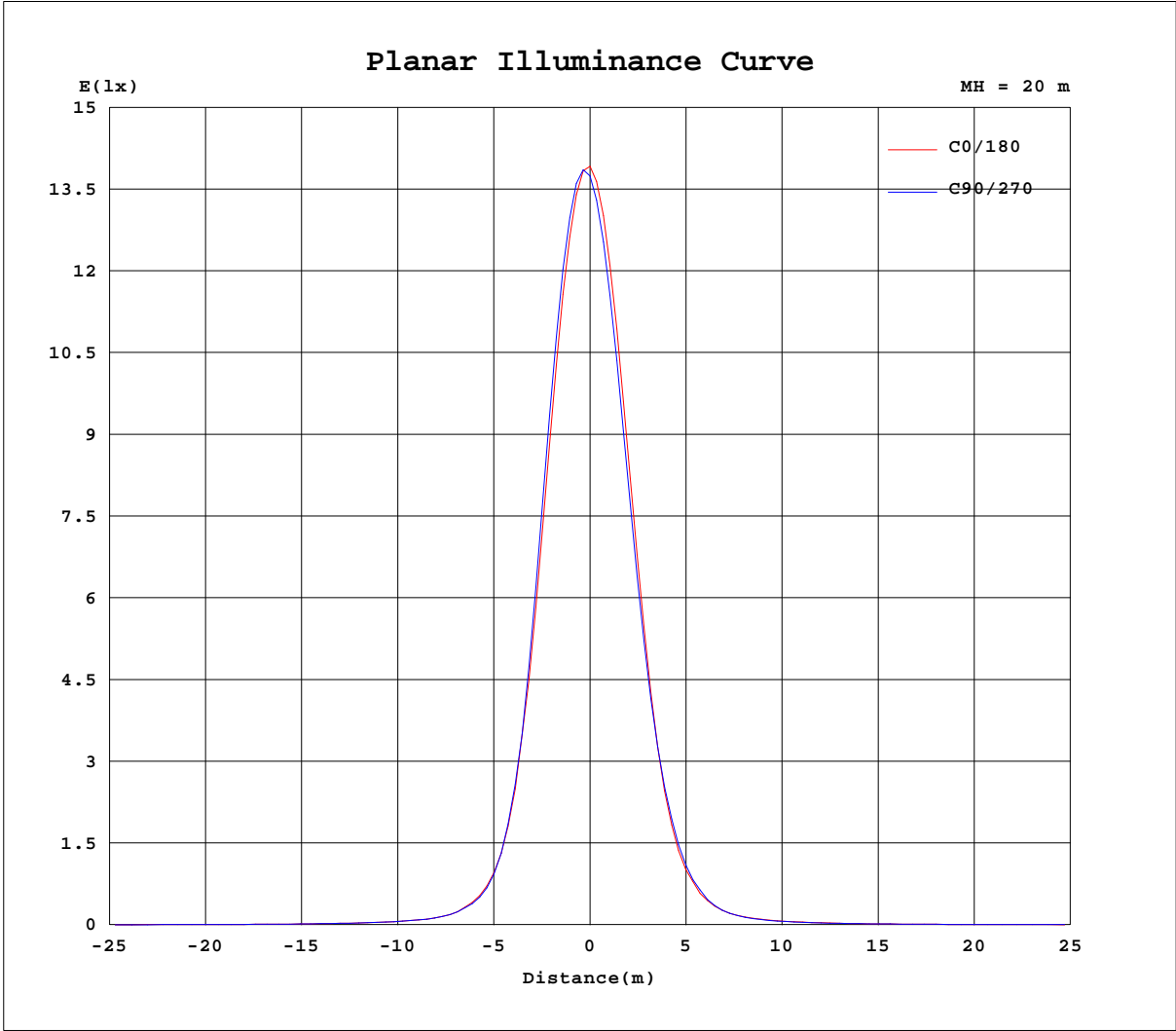
AvgL	cd/m2
L_0~180(65)av	8206
L_0~180(75)av	1322
L_0~180(85)av	0
L_90~270(65)av	7912
L_90~270(75)av	1577
L_90~270(85)av	0
L_45(65)av	8056
L_45(75)av	1524
L_45(85)av	0

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

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:

