

Report No.: HB-100W暗房测试

Test Time: 2025-12-23 10:11

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.0000 A
Power Factor: 0.0000

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 0.00 V
Power: 0.00 W

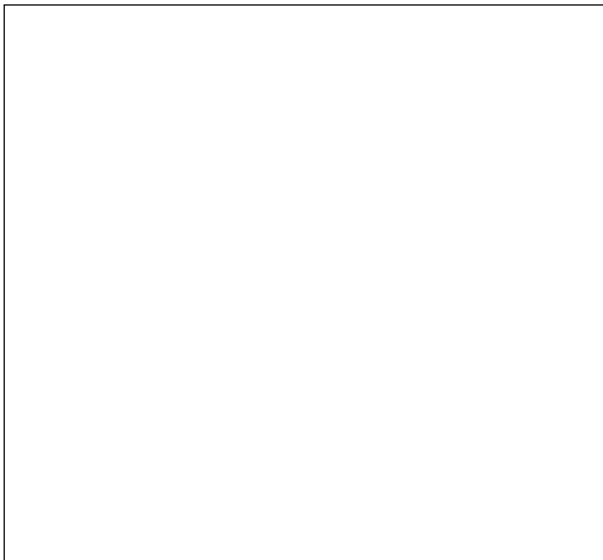
Photometric Results

CIE Class: Direct
Measurement Flux: 330 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(50%): H114.4
Vertical Diffuse Angle(50%): V109.2
Luminous Efficacy (lm/w): 329.98
Max. Intensity: 136.72 cd
S/MH(C0/C180): 1.30

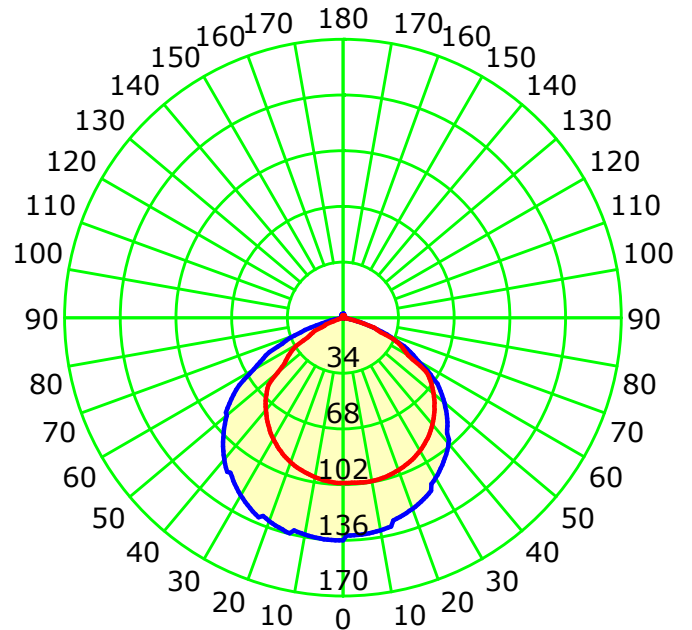
Total Rated Lamp Lumens: 330.0 lm
Efficiency: 100%
Upward Ratio: 1%

C0r0 Intensity: 136.71 cd
Pos of Max. Intensity: H0 V0
S/MH(C90/C270): 1.32

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 111.8°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0
Test Lab: FOSHANHESHI
Test Type: TYPE C
Temperature: 25
Operator: 黄贤

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.004 m [K=1.0000]
Humidity:
Inspector:

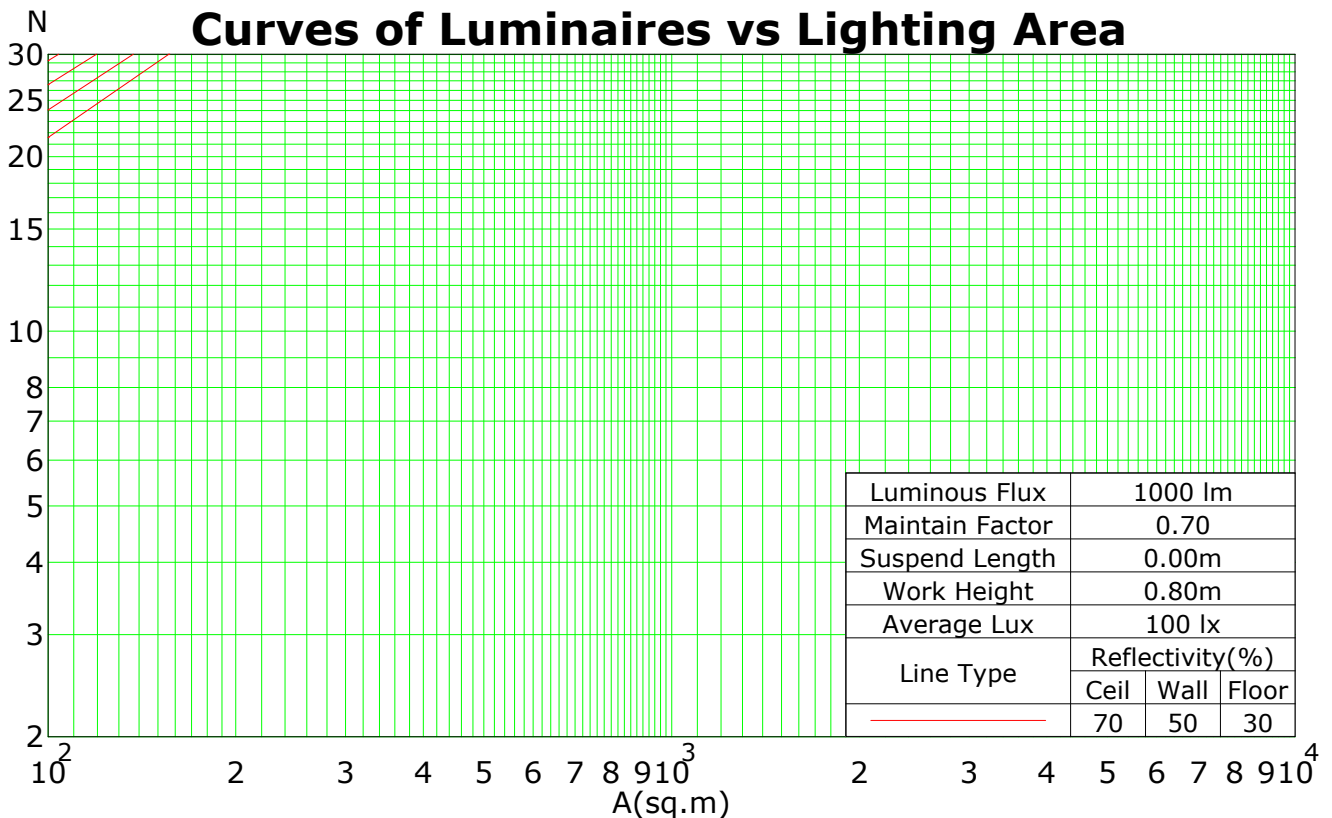
Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	0.99
1	1.10	1.06	1.02	0.98	1.07	1.03	1.00	0.97	0.99	0.96	0.93	0.95	0.92	0.90	0.91	0.89	0.87	0.85
2	1.00	0.93	0.87	0.81	0.98	0.91	0.85	0.80	0.87	0.82	0.78	0.84	0.80	0.76	0.81	0.77	0.74	0.72
3	0.92	0.82	0.74	0.68	0.89	0.80	0.73	0.68	0.77	0.71	0.66	0.74	0.69	0.65	0.72	0.67	0.64	0.62
4	0.84	0.73	0.65	0.58	0.82	0.71	0.64	0.58	0.69	0.62	0.57	0.66	0.61	0.56	0.64	0.59	0.55	0.53
5	0.78	0.65	0.57	0.50	0.75	0.64	0.56	0.50	0.62	0.55	0.49	0.60	0.53	0.48	0.58	0.52	0.48	0.46
6	0.72	0.59	0.50	0.44	0.70	0.58	0.49	0.44	0.56	0.48	0.43	0.54	0.47	0.43	0.52	0.47	0.42	0.40
7	0.66	0.53	0.45	0.39	0.65	0.52	0.44	0.38	0.51	0.43	0.38	0.49	0.43	0.38	0.48	0.42	0.37	0.35
8	0.62	0.48	0.40	0.34	0.60	0.48	0.40	0.34	0.46	0.39	0.34	0.45	0.38	0.34	0.44	0.38	0.33	0.31
9	0.58	0.44	0.36	0.31	0.56	0.44	0.36	0.31	0.43	0.35	0.31	0.41	0.35	0.30	0.40	0.34	0.30	0.28
10	0.54	0.41	0.33	0.28	0.53	0.40	0.33	0.28	0.39	0.32	0.28	0.38	0.32	0.27	0.37	0.31	0.27	0.26

Spacing Criteria (0-180): 1.30

Spacing Criteria (90-270): 1.32

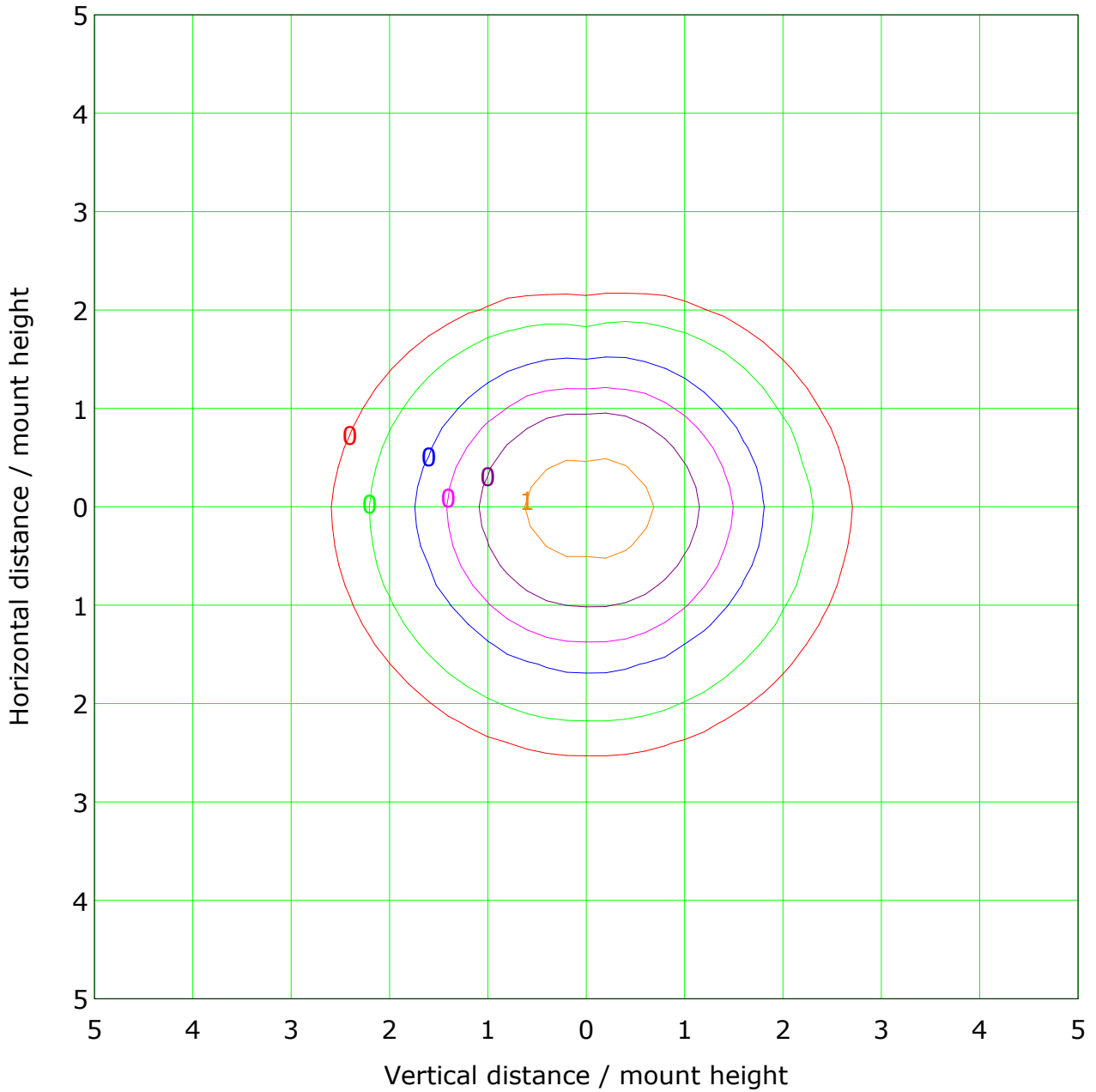
Spacing Criteria (Diagonal): 1.33



C Plane (°):0.0-360.0: 90.0
 Test Lab: FOSHANHESHI
 Test Type: TYPE C
 Temperature: 25
 Operator: 黄贤

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.004 m [K=1.0000]
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 1.4 lx	
<ul style="list-style-type: none"> — (1%): 0.0 lx — (5%): 0.1 lx — (20%): 0.3 lx — (100%): 1.4 lx 	<ul style="list-style-type: none"> — (2%): 0.0 lx — (10%): 0.1 lx — (50%): 0.7 lx 		

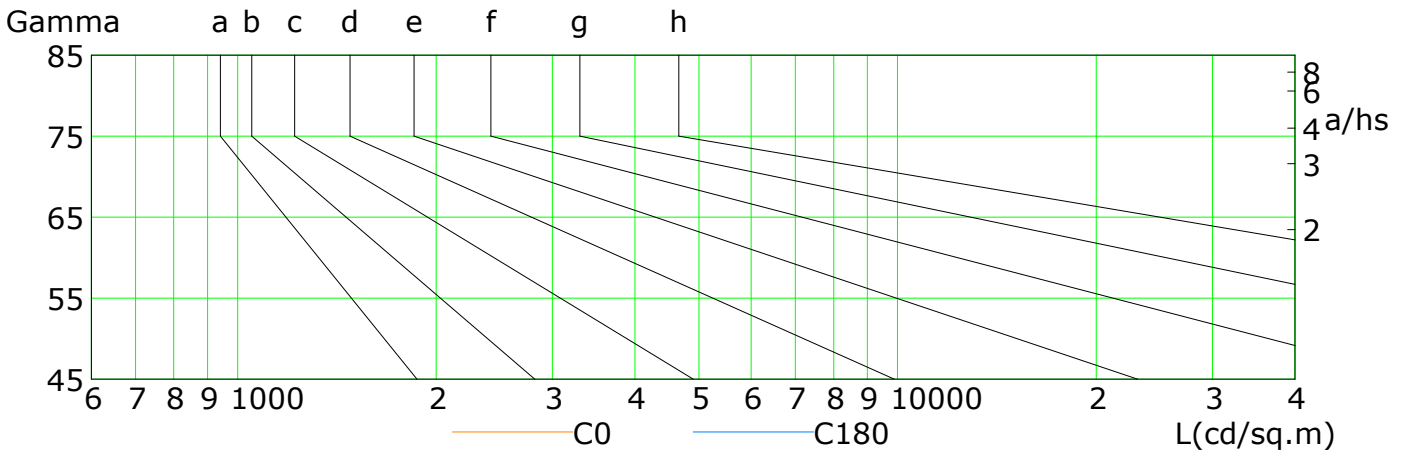
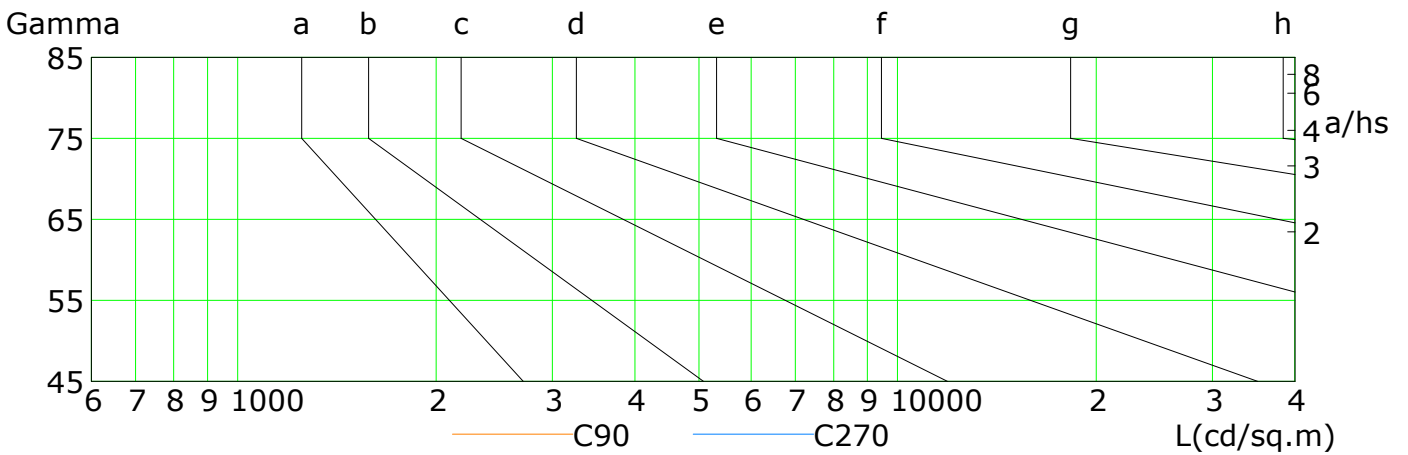
C Plane (°):0.0-360.0: 90.0
 Test Lab: FOSHANHESHI
 Test Type: TYPE C
 Temperature: 25
 Operator: 黄贤

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.004 m [K=1.0000]
 Humidity:
 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

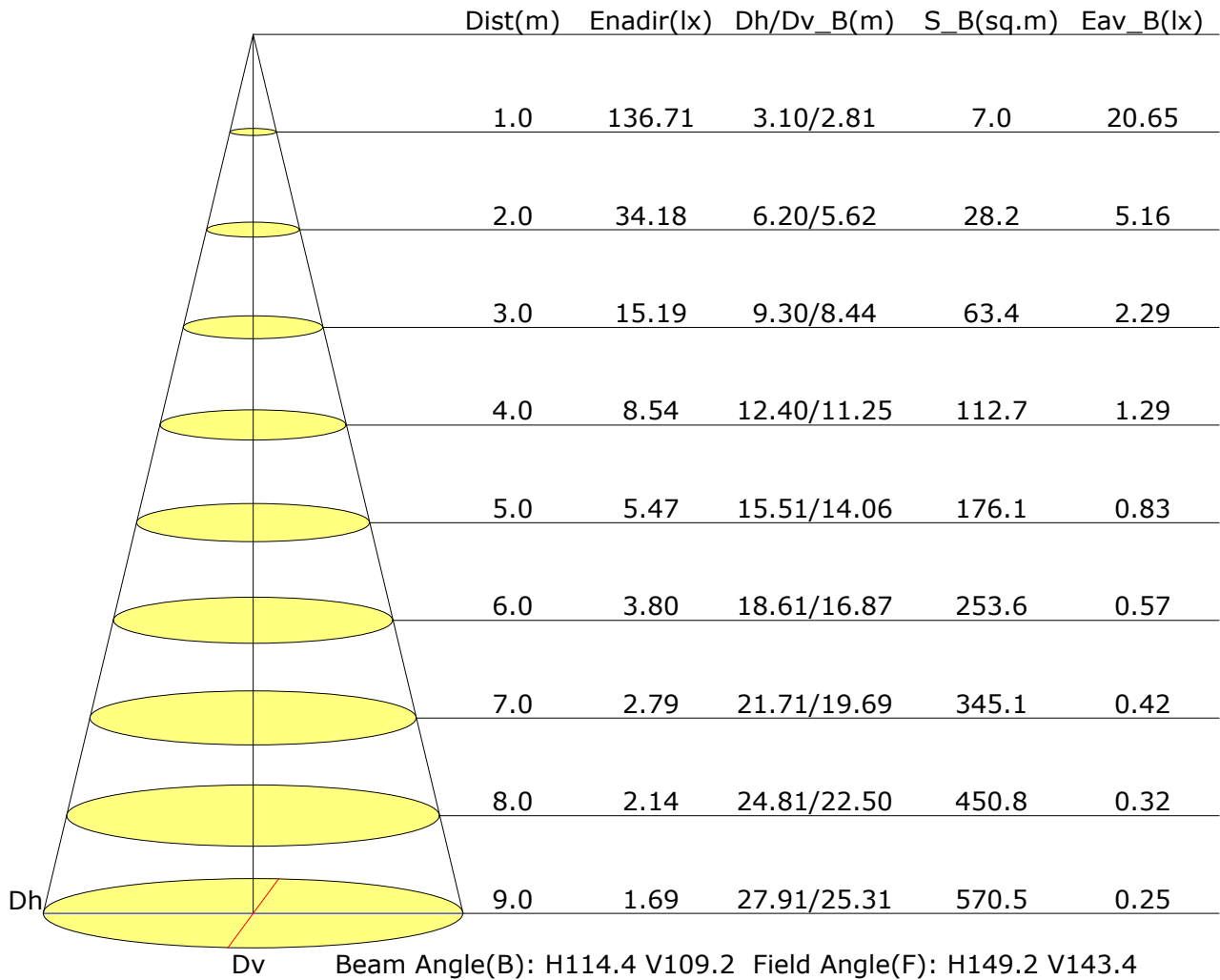


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	91	81	71	53	41	26	11	2	0
C90	80	73	65	46	38	23	10	2	0
C180	104	93	82	63	50	32	14	1	0
C270	67	52	41	28	19	6	1	0	0

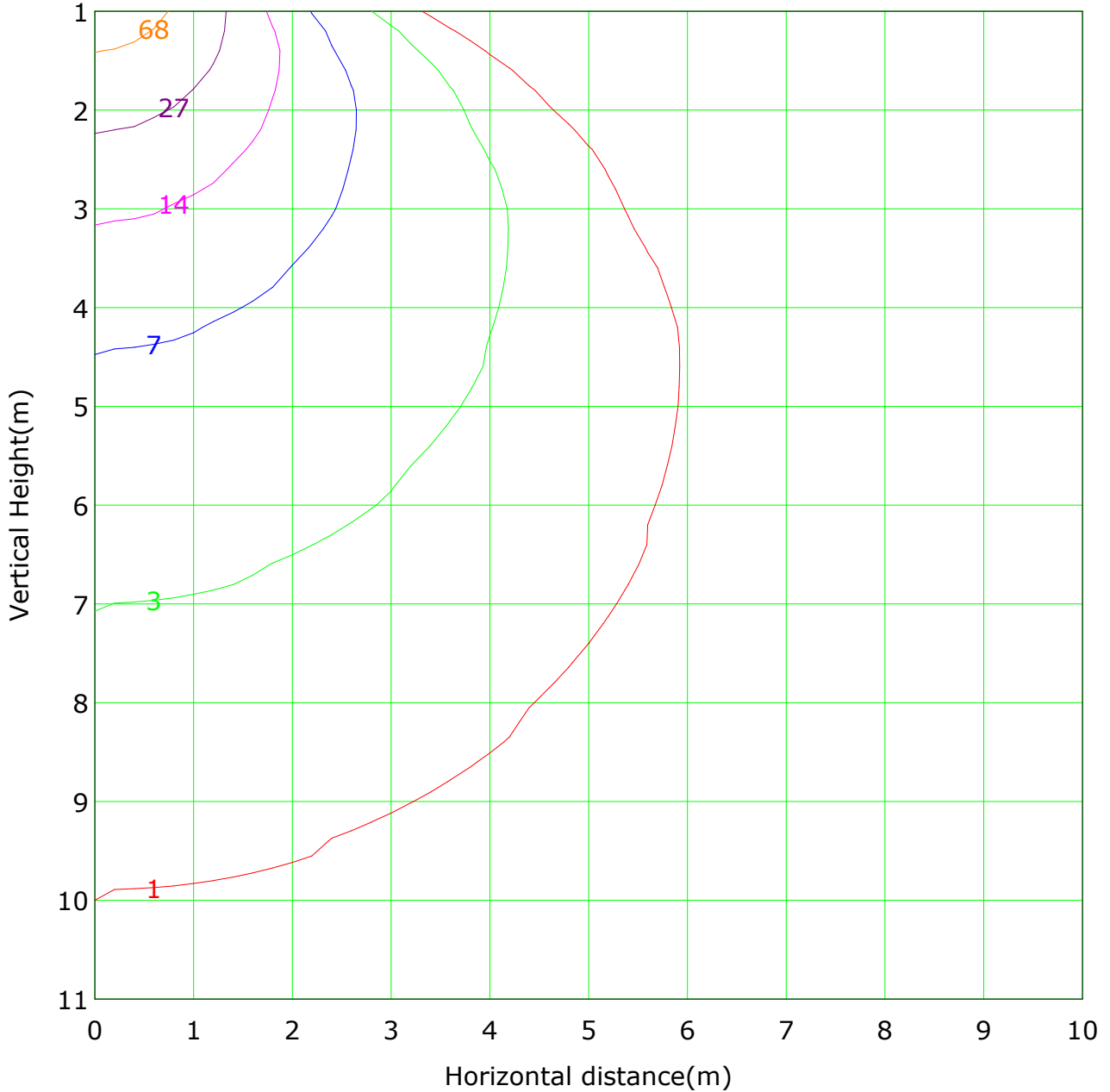
C Plane (°):0.0-360.0: 90.0
 Test Lab: FOSHANHESHI
 Test Type: TYPE C
 Temperature: 25
 Operator: 黄贤

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.004 m [K=1.0000]
 Humidity:
 Inspector:

Illuminance at a Distance

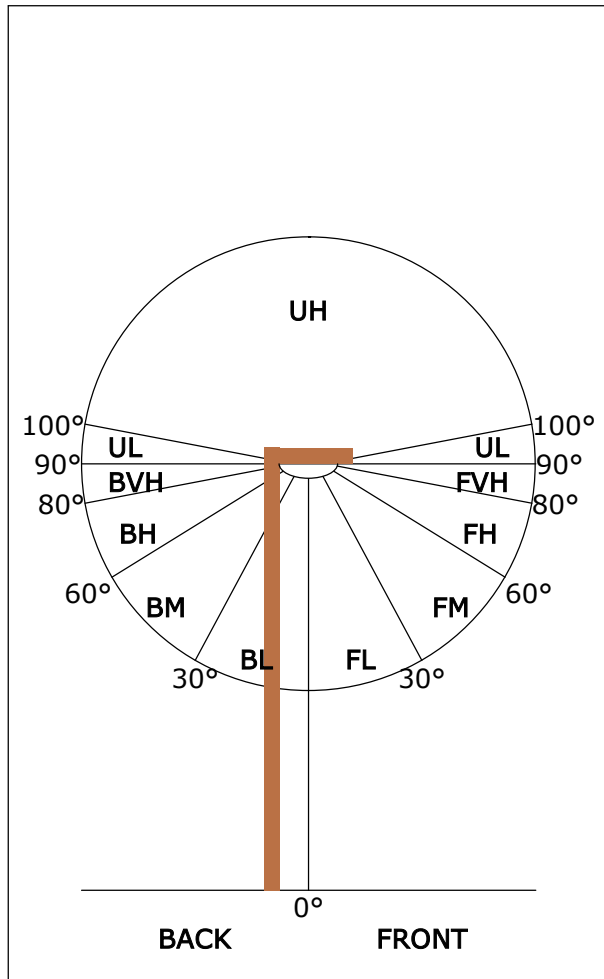


Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 136.7 lx
— (1%): 1.4 lx	— (2%): 2.7 lx	
— (5%): 6.8 lx	— (10%): 13.7 lx	
— (20%): 27.3 lx	— (50%): 68.4 lx	
— (100%): 136.7 lx		

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	171	51.9
FL (0°-30°)	48	14.5
FM (30°-60°)	97	29.4
FH (60°-80°)	26	8.0
FVH (80°-90°)	0	0.1
BACK LIGHT	154	46.6
BL (0°-30°)	47	14.1
BM (30°-60°)	88	26.6
BH (60°-80°)	19	5.8
BVH (80°-90°)	0	0.0
UP LIGHT	5	1.5
UL (90°-100°)	0	0.1
UH (100°-180°)	5	1.4
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

C Plane (°):0.0-360.0: 90.0
 Test Lab: FOSHANHESHI
 Test Type: TYPE C
 Temperature: 25
 Operator: 黄贤

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.004 m [K=1.0000]
 Humidity:
 Inspector: