

Report No.: HB-200W暗房测试

Test Time: 2025-12-23 10:00

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

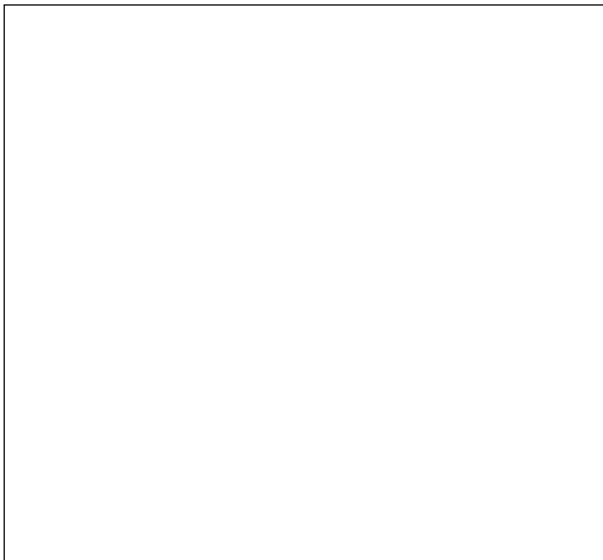
Photometric Results

CIE Class: Direct
Measurement Flux: 529.1 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(50%): H109
Vertical Diffuse Angle(50%): V108.5
Luminous Efficacy (lm/w): 529.14
Max. Intensity: 238.03 cd
S/MH(C0/C180): 1.33

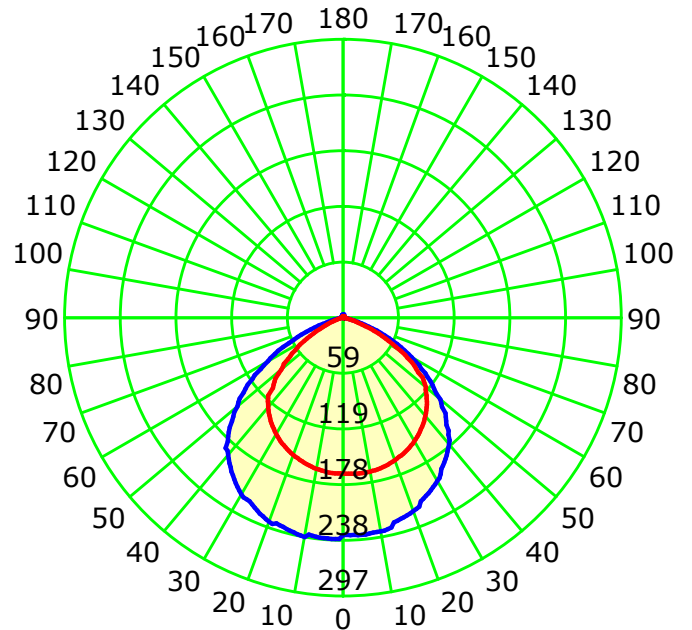
Total Rated Lamp Lumens: 529.1 lm
Efficiency: 100%
Upward Ratio: 1%

C0r0 Intensity: 232.43 cd
Pos of Max. Intensity: H180 V10
S/MH(C90/C270): 1.32

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 108.7°

— C0-C180 — C90-C270

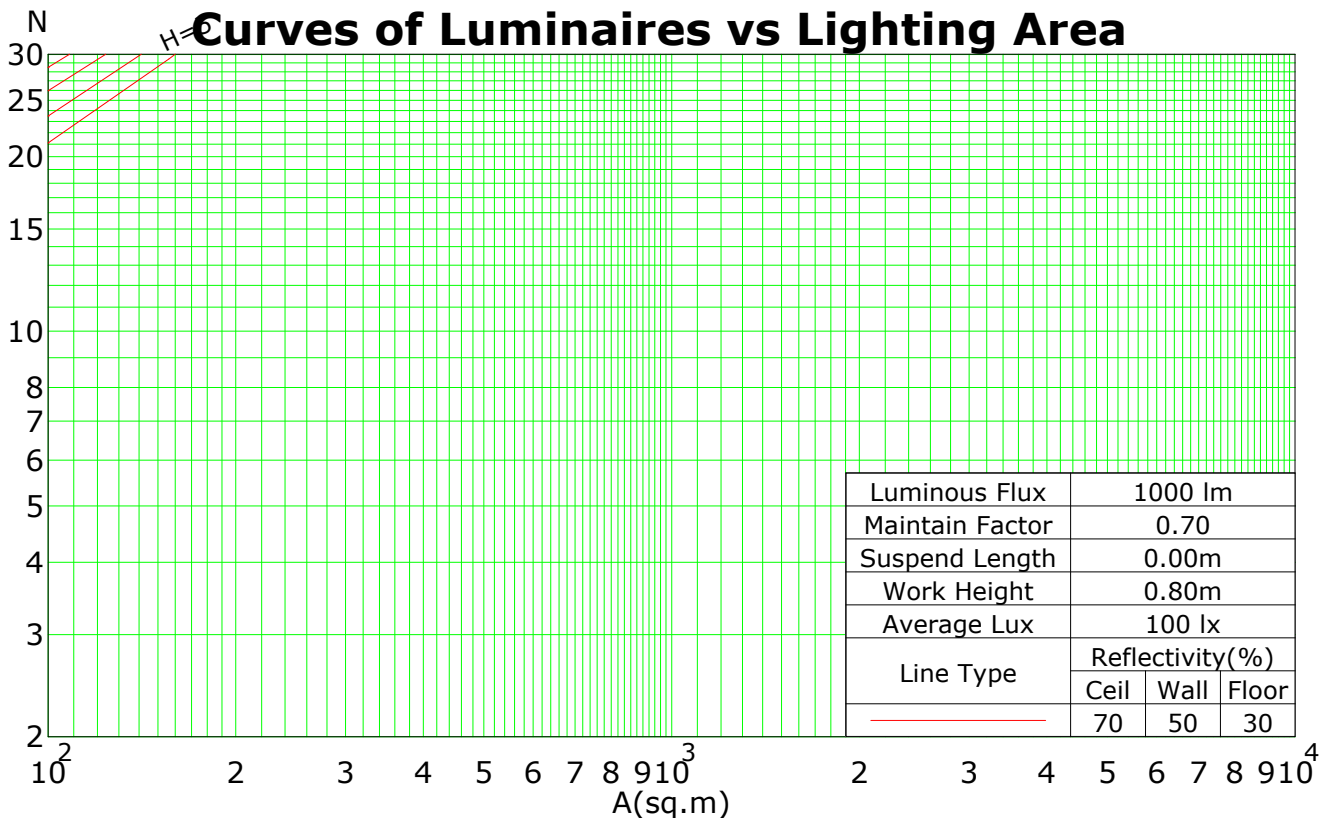
C Plane (°):0.0-360.0: 90.0
Test Lab: FOSHANHESHI
Test Type: TYPE C
Temperature: 25
Operator: 黄贤

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	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	0.99
1	1.10	1.06	1.03	0.99	1.08	1.04	1.01	0.98	1.00	0.97	0.94	0.96	0.93	0.91	0.92	0.90	0.89	0.86
2	1.01	0.94	0.88	0.83	0.99	0.92	0.86	0.82	0.88	0.84	0.80	0.85	0.81	0.78	0.82	0.79	0.76	0.74
3	0.93	0.83	0.76	0.70	0.90	0.82	0.75	0.69	0.79	0.73	0.68	0.76	0.71	0.67	0.73	0.69	0.65	0.63
4	0.85	0.74	0.66	0.60	0.83	0.73	0.65	0.59	0.70	0.64	0.58	0.68	0.62	0.58	0.66	0.61	0.57	0.55
5	0.79	0.66	0.58	0.52	0.76	0.65	0.57	0.51	0.63	0.56	0.51	0.61	0.55	0.50	0.59	0.54	0.50	0.48
6	0.73	0.60	0.51	0.45	0.71	0.59	0.51	0.45	0.57	0.50	0.45	0.55	0.49	0.44	0.54	0.48	0.44	0.42
7	0.67	0.54	0.46	0.40	0.66	0.54	0.46	0.40	0.52	0.45	0.40	0.51	0.44	0.39	0.49	0.43	0.39	0.37
8	0.63	0.50	0.41	0.36	0.61	0.49	0.41	0.36	0.48	0.40	0.35	0.46	0.40	0.35	0.45	0.39	0.35	0.33
9	0.59	0.46	0.38	0.32	0.57	0.45	0.37	0.32	0.44	0.37	0.32	0.43	0.36	0.32	0.42	0.36	0.32	0.30
10	0.55	0.42	0.34	0.29	0.54	0.41	0.34	0.29	0.40	0.34	0.29	0.39	0.33	0.29	0.39	0.33	0.29	0.27

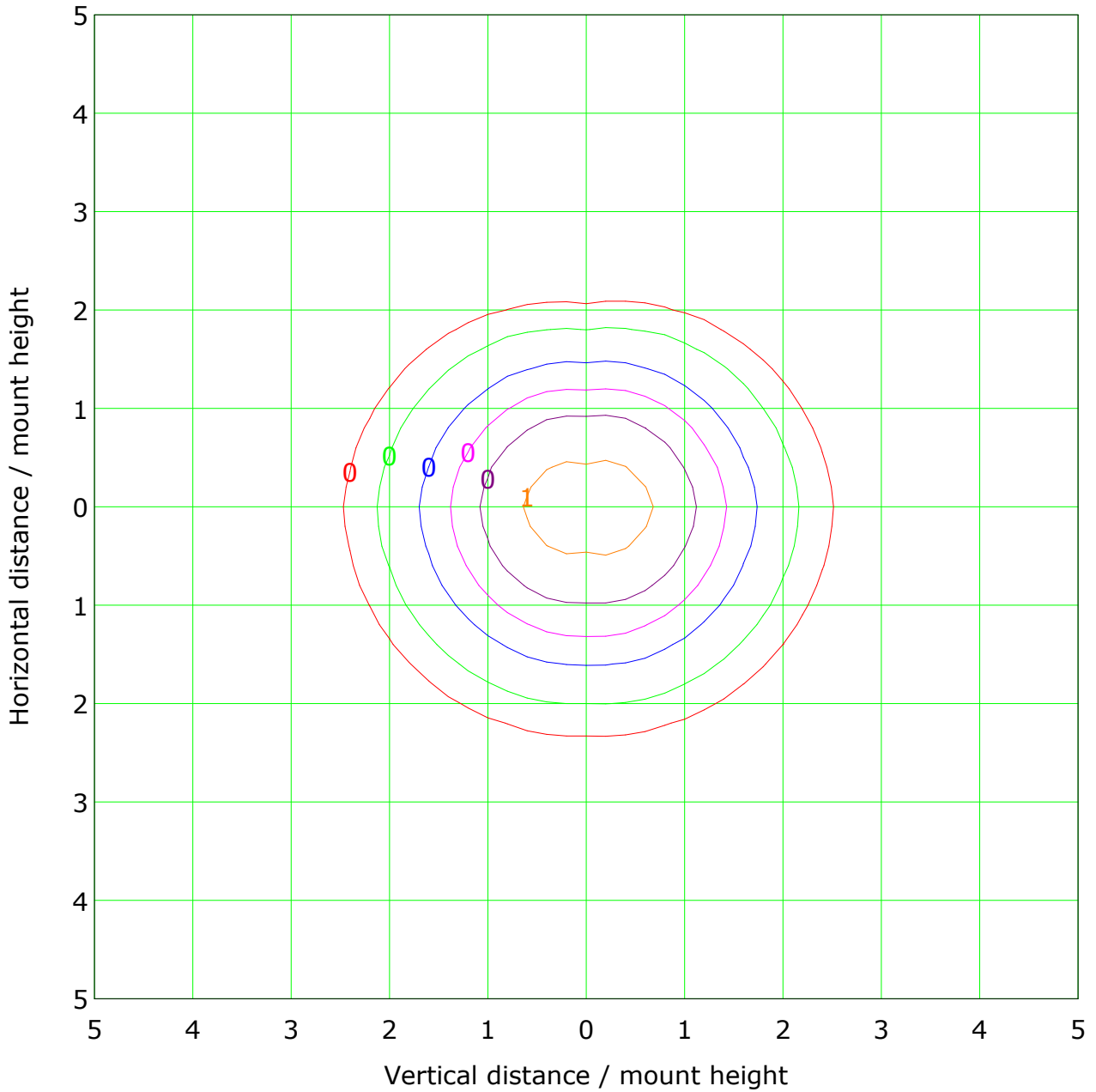
Spacing Criteria (0-180): 1.33
 Spacing Criteria (90-270): 1.32
 Spacing Criteria (Diagonal): 1.32



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%): 2.4 lx	
<ul style="list-style-type: none"> — (1%): 0.0 lx — (5%): 0.1 lx — (20%): 0.5 lx — (100%): 2.4 lx 	<ul style="list-style-type: none"> — (2%): 0.0 lx — (10%): 0.2 lx — (50%): 1.2 lx 		

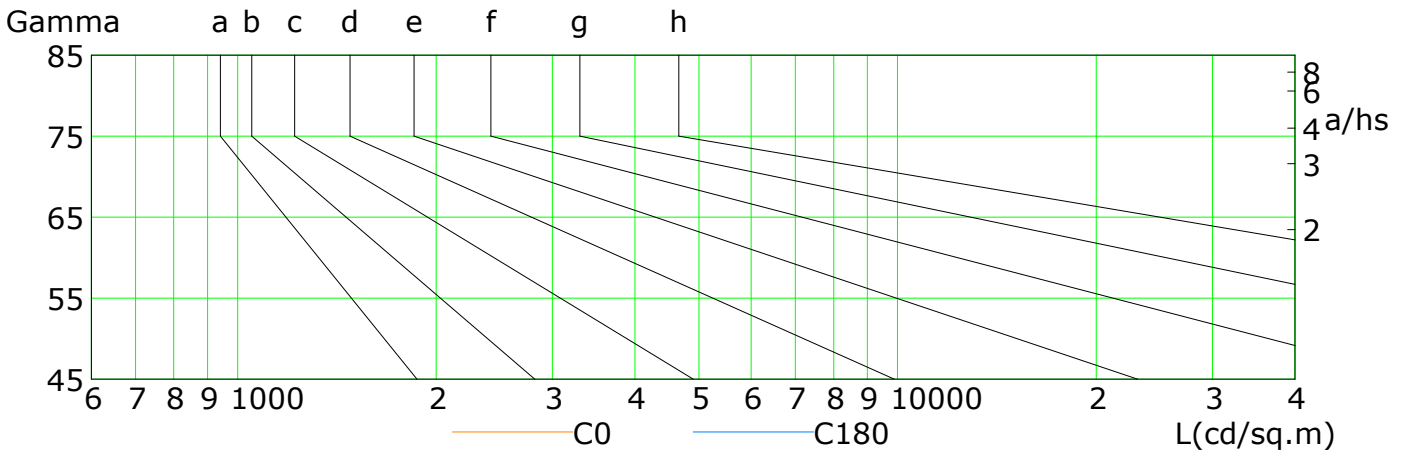
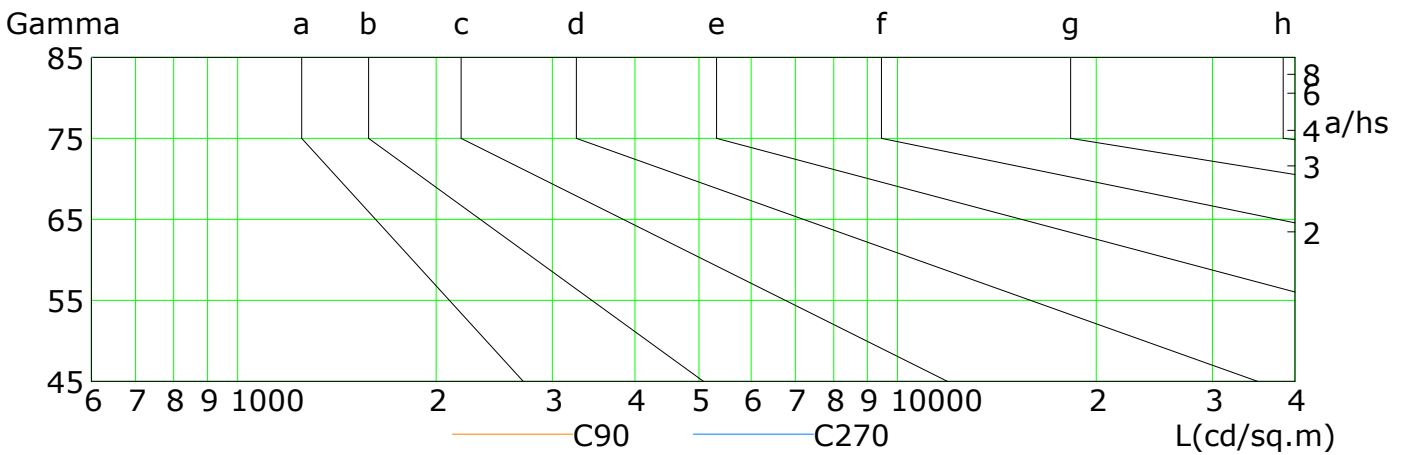
C Plane (°):0.0-360.0: 90.0
 Test Lab: FOSHANHESHI
 Test Type: TYPE C
 Temperature: 25
 Operator: 黄贤

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

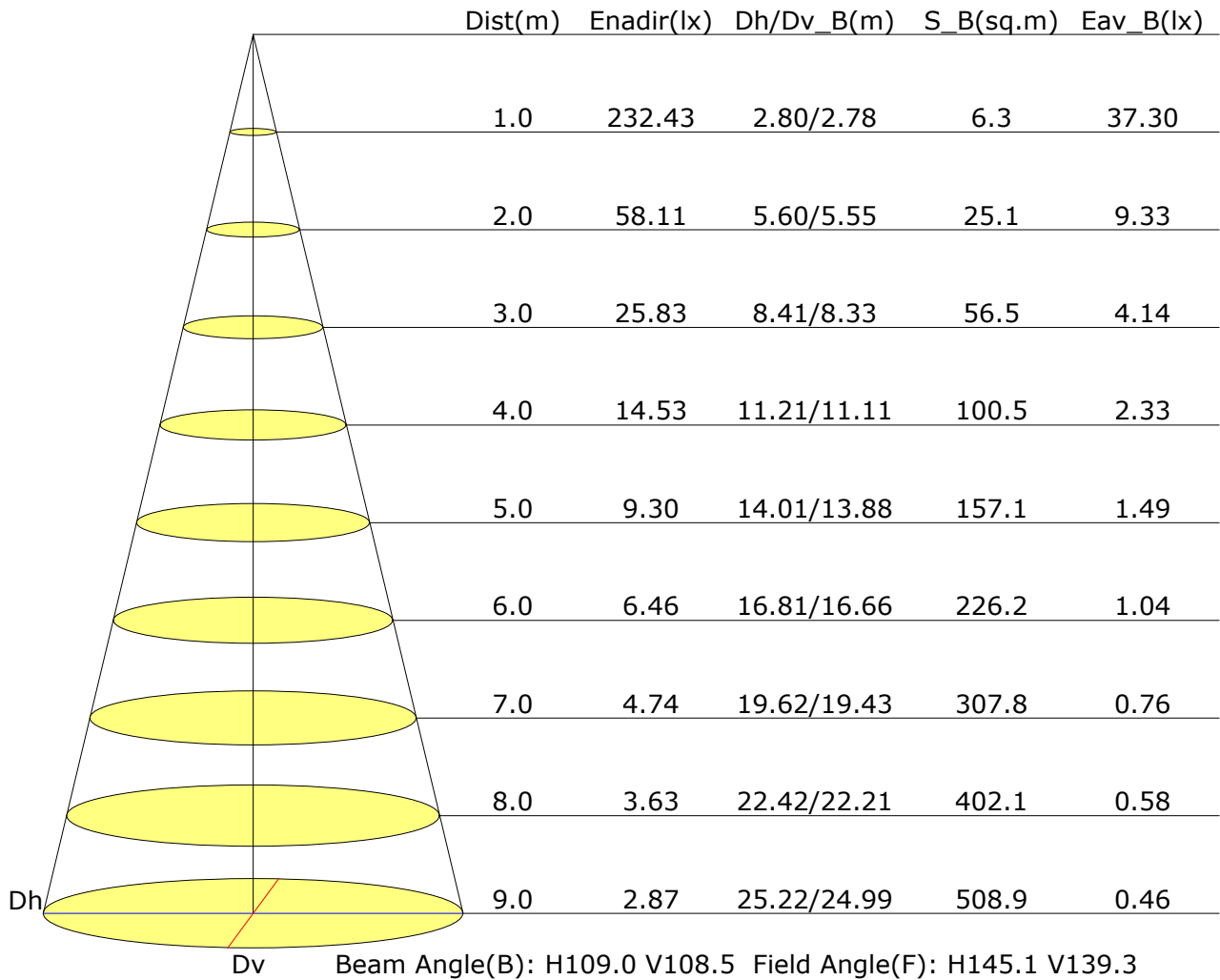


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	156	136	110	85	57	34	13	4	0
C90	127	116	95	72	46	22	9	3	0
C180	173	148	125	93	64	37	16	5	0
C270	106	87	67	45	24	12	5	1	0

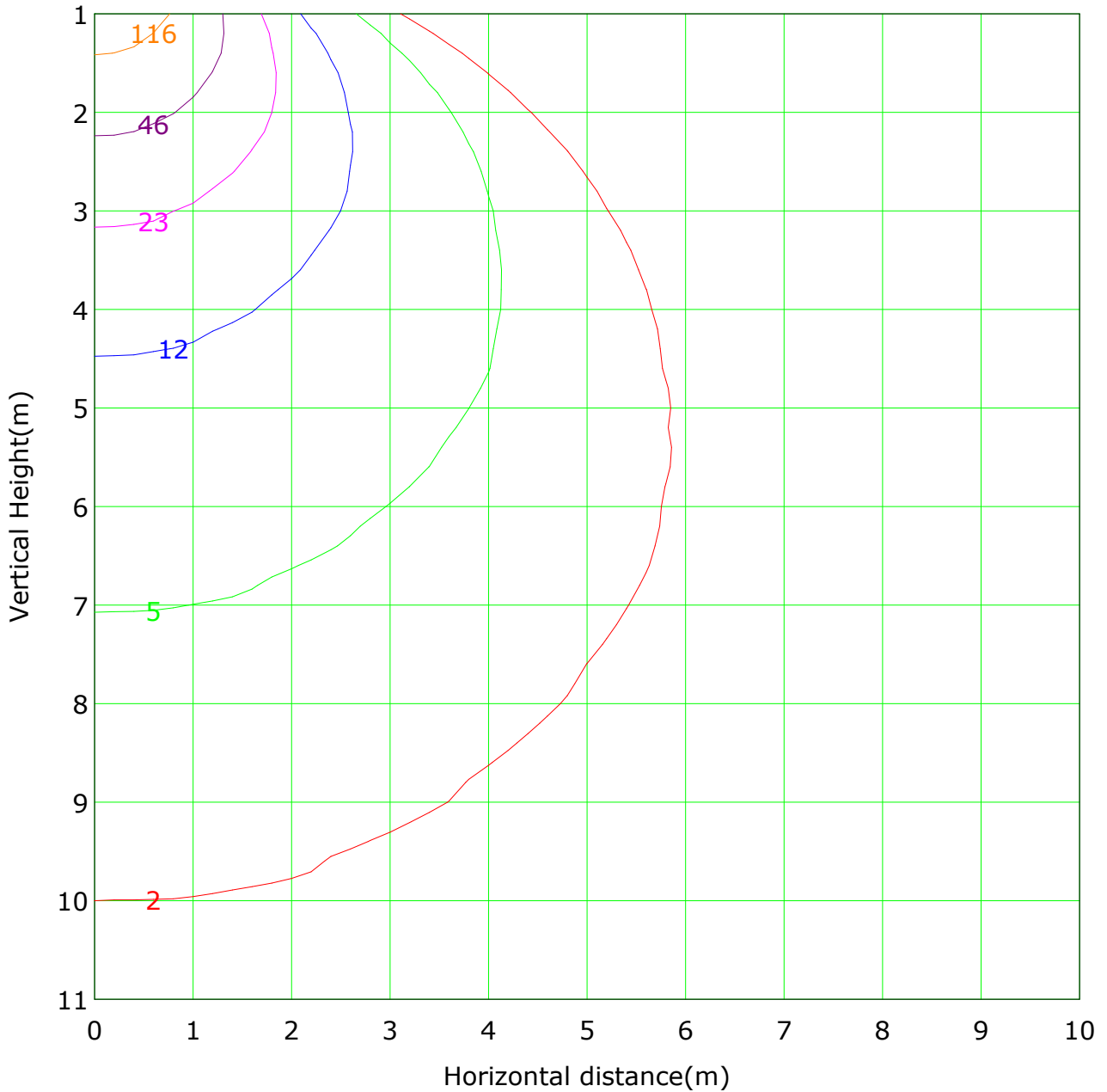
C Plane (°):0.0-360.0: 90.0
 Test Lab: FOSHANHESHI
 Test Type: TYPE C
 Temperature: 25
 Operator: 黄贤

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

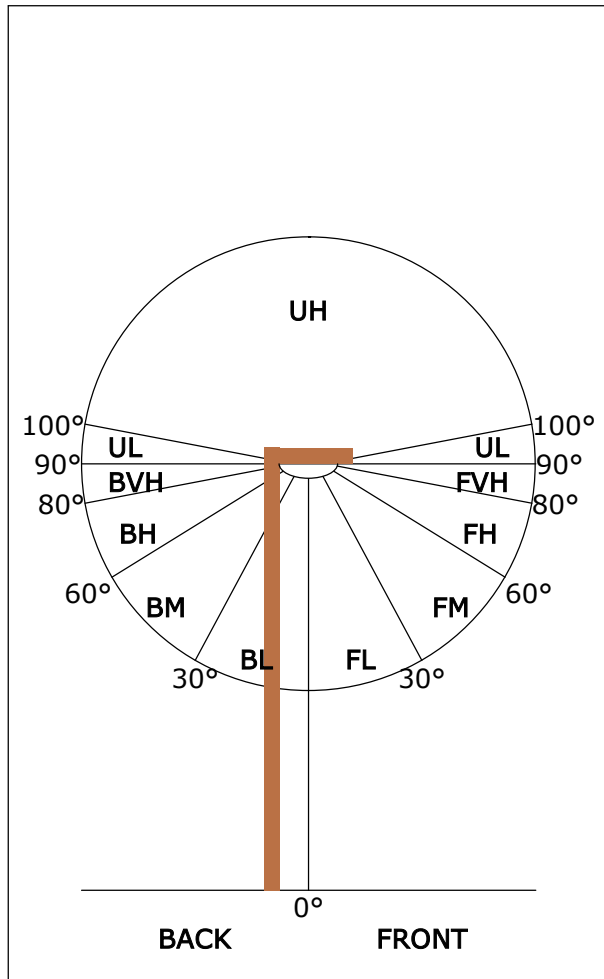


Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 232.4 lx
— (1%): 2.3 lx	— (2%): 4.6 lx	
— (5%): 11.6 lx	— (10%): 23.2 lx	
— (20%): 46.5 lx	— (50%): 116.2 lx	
— (100%): 232.4 lx		

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	272	51.4
FL (0°-30°)	81	15.3
FM (30°-60°)	157	29.7
FH (60°-80°)	34	6.4
FVH (80°-90°)	0	0.1
BACK LIGHT	252	47.7
BL (0°-30°)	80	15.0
BM (30°-60°)	145	27.4
BH (60°-80°)	27	5.2
BVH (80°-90°)	0	0.0
UP LIGHT	5	0.9
UL (90°-100°)	0	0.0
UH (100°-180°)	5	0.9
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: