



Tel:  
Fax:

Report No.:

Test Time: 2014-12-22 14:24

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: PLASTER 8429

Lamp Description: 科锐 XB-D

Lumens per Lamp: 280.71 lm

Luminous Width (mm): 82

Voltage: 0.0 V

Power: 0.00 W

Lamp Catalog: LED

Number of Lamps: 2

Luminous Length (mm): 47

Luminous Height (mm): 22

Current: 0.000 A

Power Factor: 0.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 117 lm

Downward Ratio: 20.83%

Field Angle: H180.0 V180.0

Luminaire Efficacy Rating (LER): 117

Max. Intensity: 53.39 cd

Total Rated Lamp Lumens: 561.4 lm

Efficiency: 20.83%

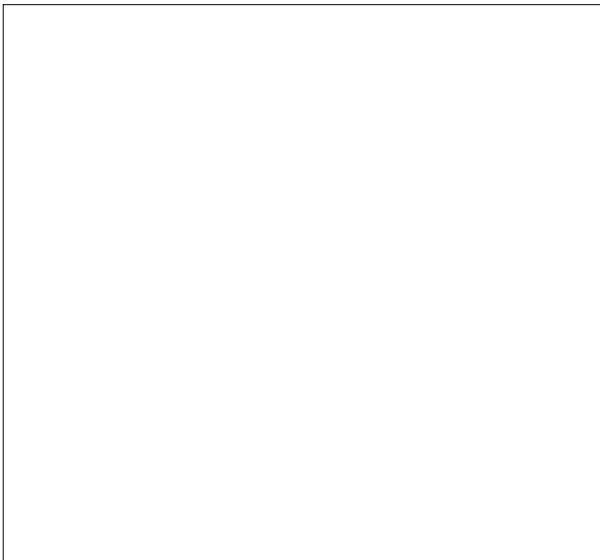
Upward Ratio: 0.00%

Beam Angle: H180.0 V180.0

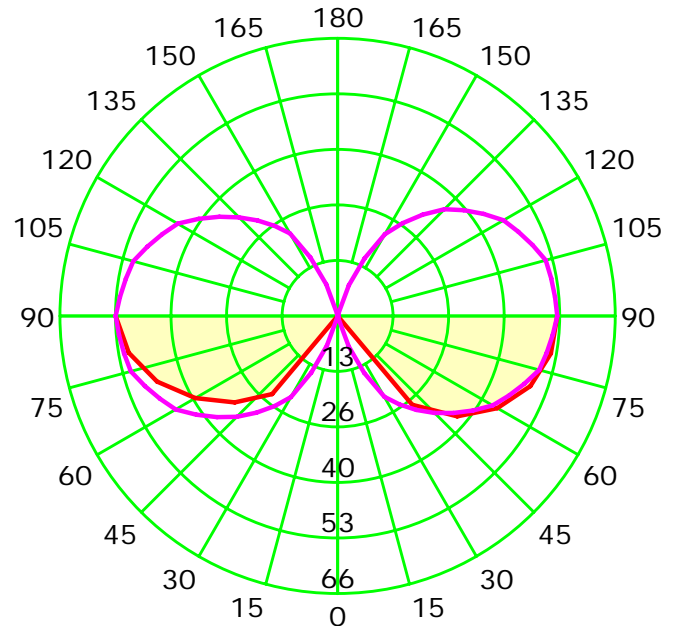
Central Intensity: 0 cd

Pos of Max. Intensity: H270 V90

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270 — G90

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-90.0: 10.0

Test Device: GPM-1600L

Distance: 8.955 m

Humidity: 60

Inspector:



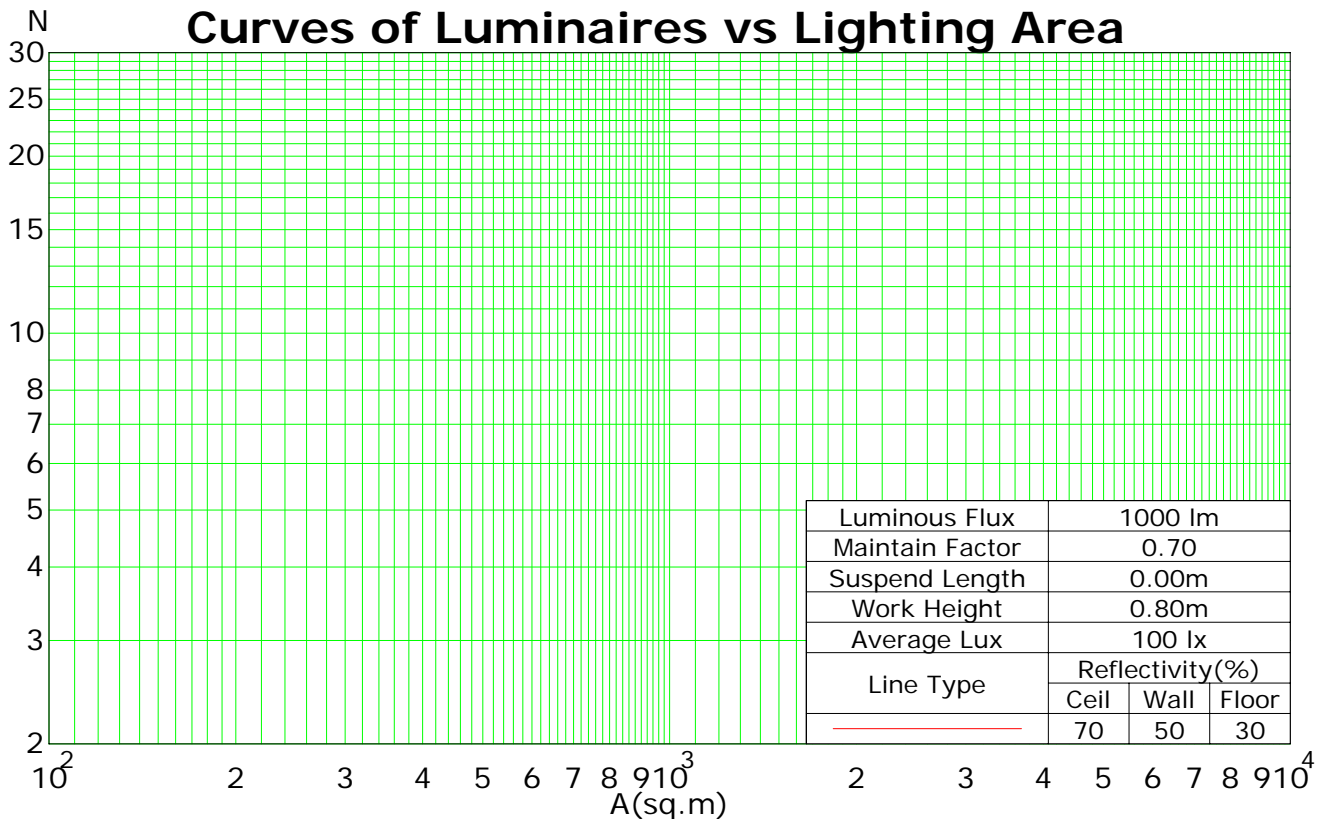
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## Coefficients Of Utilization - Zonal Cavity Method

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
RCCR	RF = 0.2																	
0	25	25	25	25	24	24	24	24	23	23	23	22	22	22	21	21	21	21
1	20	17	15	14	19	17	15	13	16	14	13	15	14	12	14	13	12	11
2	17	14	11	9	16	13	11	9	12	10	8	11	10	8	11	9	8	7
3	15	11	8	6	14	11	8	6	10	8	6	9	7	5	8	7	5	5
4	13	9	6	4	12	9	6	4	8	6	4	8	6	4	7	5	4	3
5	12	8	5	3	11	7	5	3	7	5	3	6	4	3	6	4	3	2
6	11	7	4	2	10	7	4	2	6	4	2	6	4	2	5	4	2	2
7	10	6	4	2	9	6	3	2	5	3	2	5	3	2	5	3	2	1
8	9	5	3	1	9	5	3	1	5	3	1	5	3	1	4	3	1	1
9	8	5	3	1	8	5	3	1	4	3	1	4	2	1	4	2	1	1
10	8	4	2	1	7	4	2	1	4	2	1	4	2	1	4	2	1	0

Spacing Criteria (0-180): -1.#J  
 Spacing Criteria (90-270): -799.01  
 Spacing Criteria (Diagonal): -564.90

## Curves of Luminaires vs Lighting Area



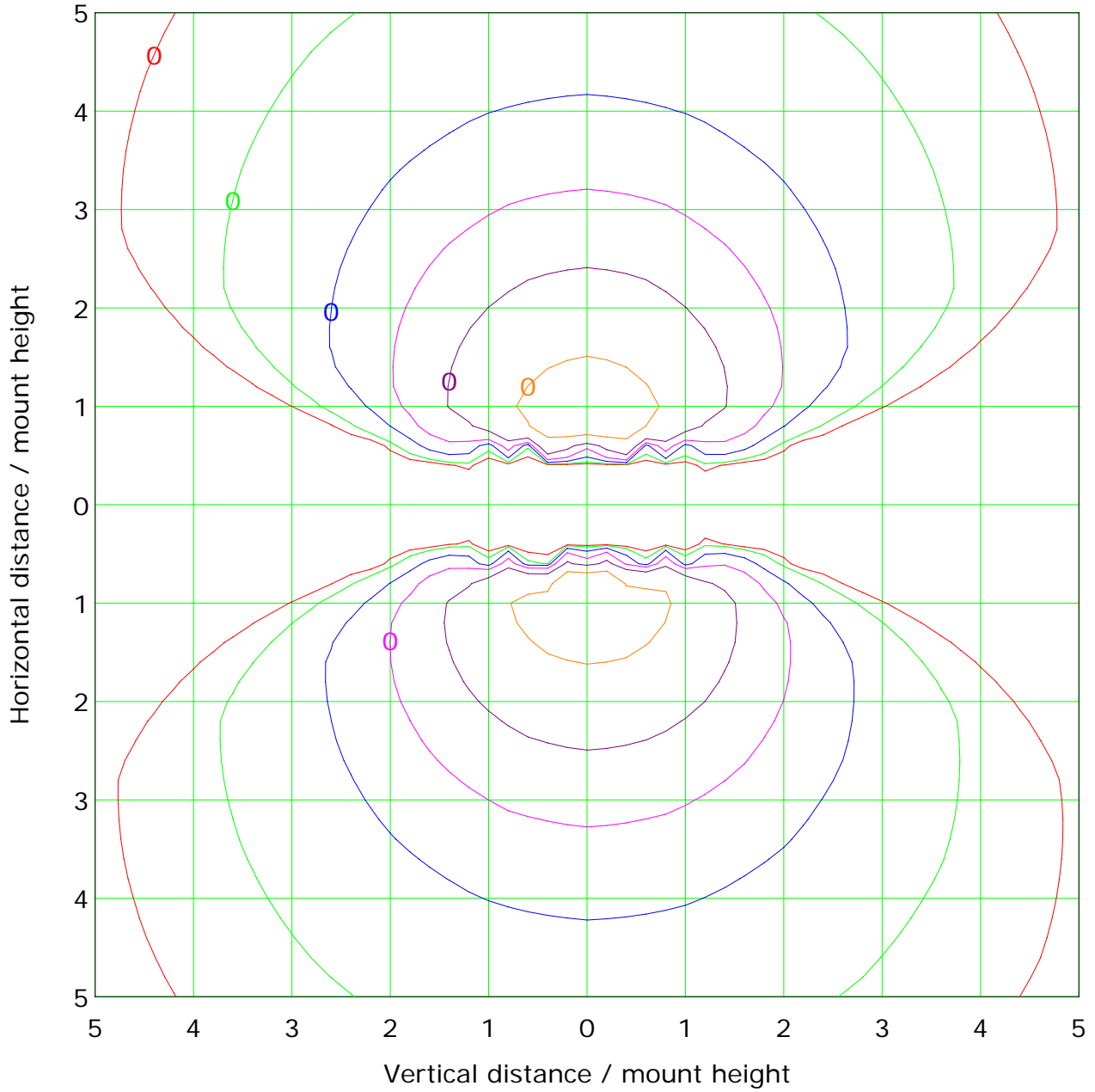
C Plane (°):0.0-360.0: 15.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

Gamma Plane (°):0.0-90.0:10.0  
 Test Device: GPM-1600L  
 Distance: 8.955 m  
 Humidity: 60  
 Inspector:



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# IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 0.1 lx

— ( 1%): 0.0 lx	— ( 2%): 0.0 lx
— ( 5%): 0.0 lx	— (10%): 0.0 lx
— (20%): 0.0 lx	— (50%): 0.1 lx
— (100%): 0.1 lx	

C Plane (°):0.0-360.0: 15.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

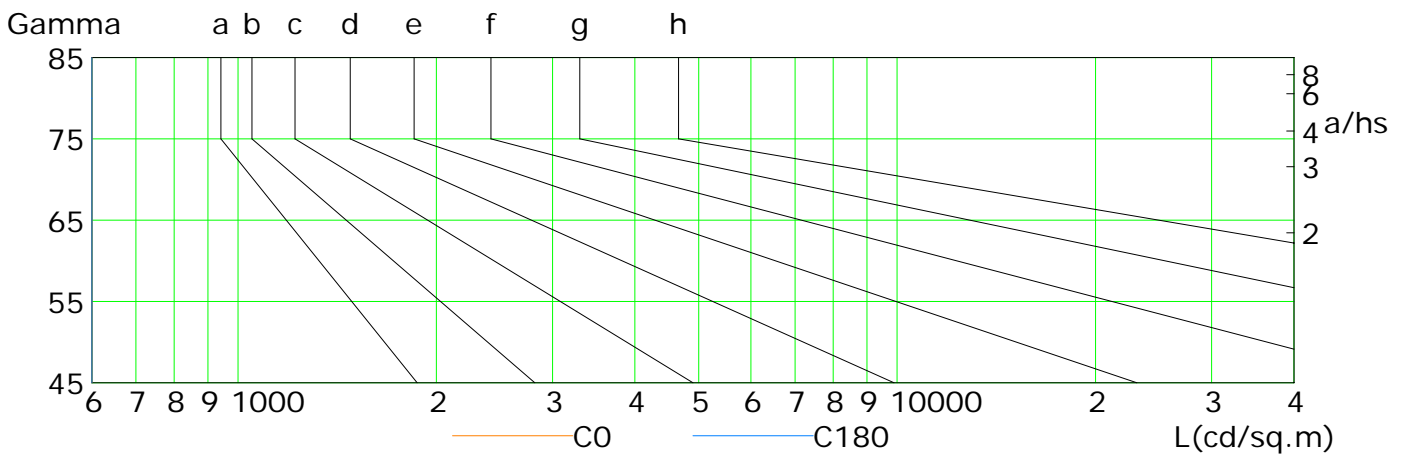
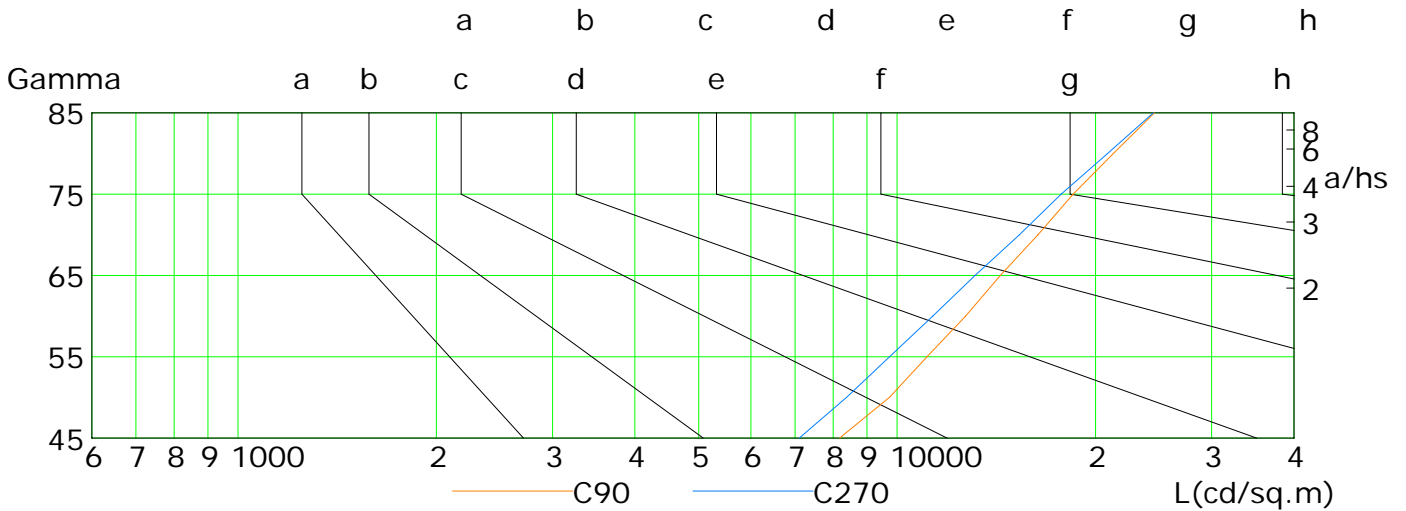
Gamma Plane (°):0.0-90.0:10.0  
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## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		a	b	c	d	e	f	g	h
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



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	0	0	0	0	0	0	0	0	0
C90	8178	9730	11099	12702	14341	16357	18491	21277	24575
C180	0	0	0	0	0	0	0	0	0
C270	7105	8377	9739	11323	13129	15328	17737	20856	24472

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Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-90.0:10.0

Test Device: GPM-1600L

Distance: 8.955 m

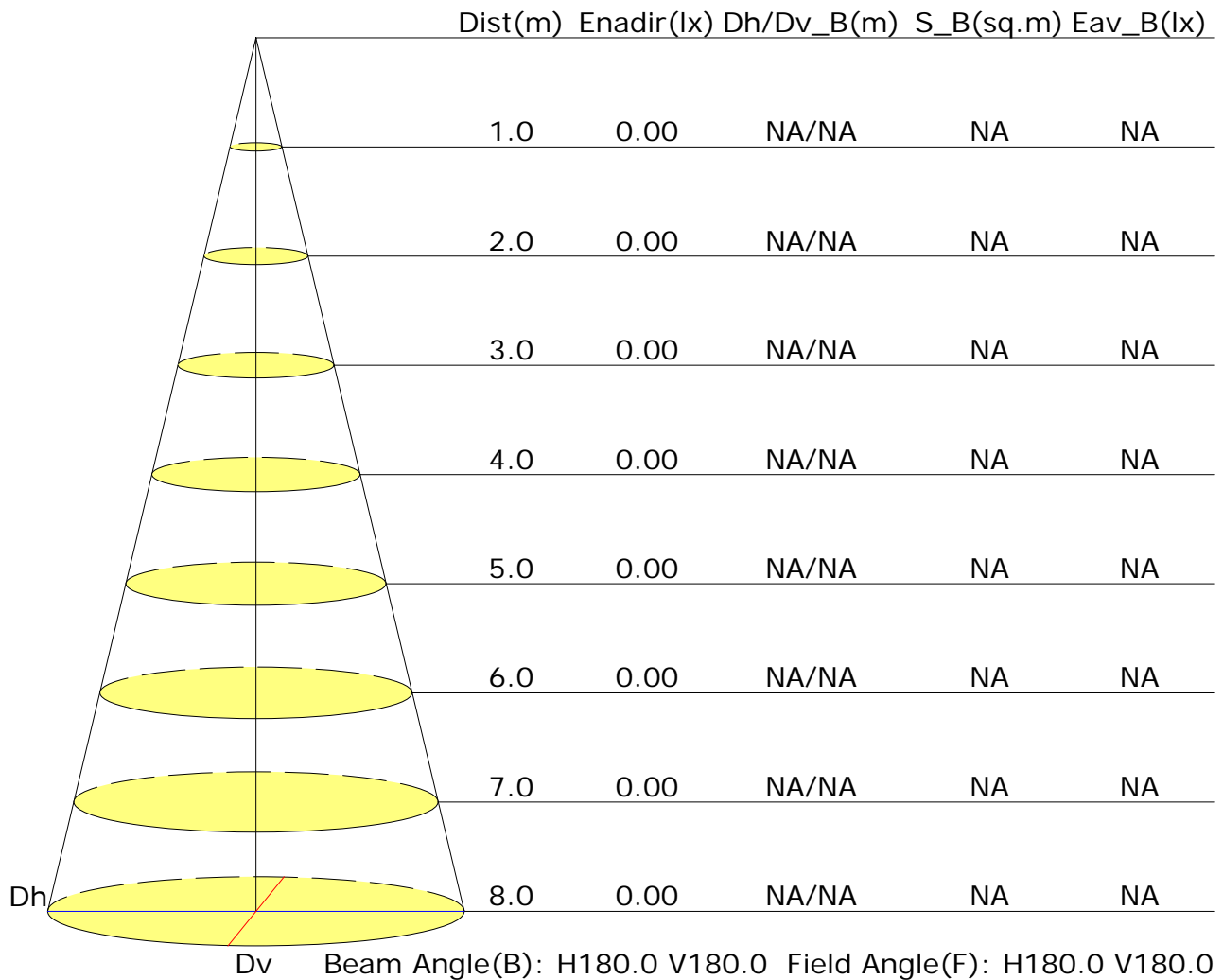
Humidity: 60

Inspector:



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## Illuminance at a Distance



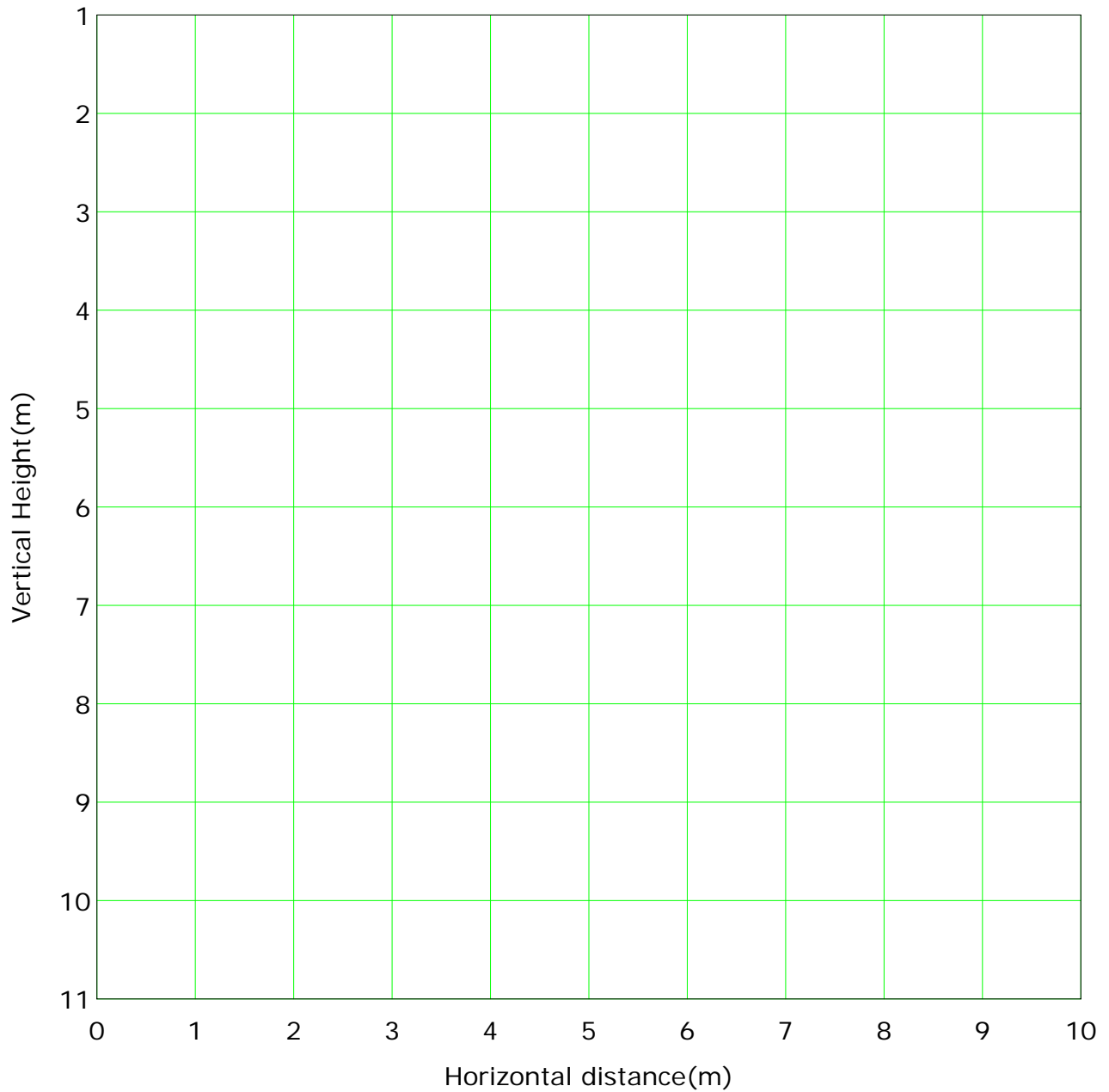
C Plane (°):0.0-360.0: 15.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

Gamma Plane (°):0.0-90.0:10.0  
 Test Device: GPM-1600L  
 Distance: 8.955 m  
 Humidity: 60  
 Inspector:



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## Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 0.0 lx
( 1%): 0.0 lx	( 2%): 0.0 lx	
( 5%): 0.0 lx	( 10%): 0.0 lx	
( 20%): 0.0 lx	( 50%): 0.0 lx	
(100%): 0.0 lx		

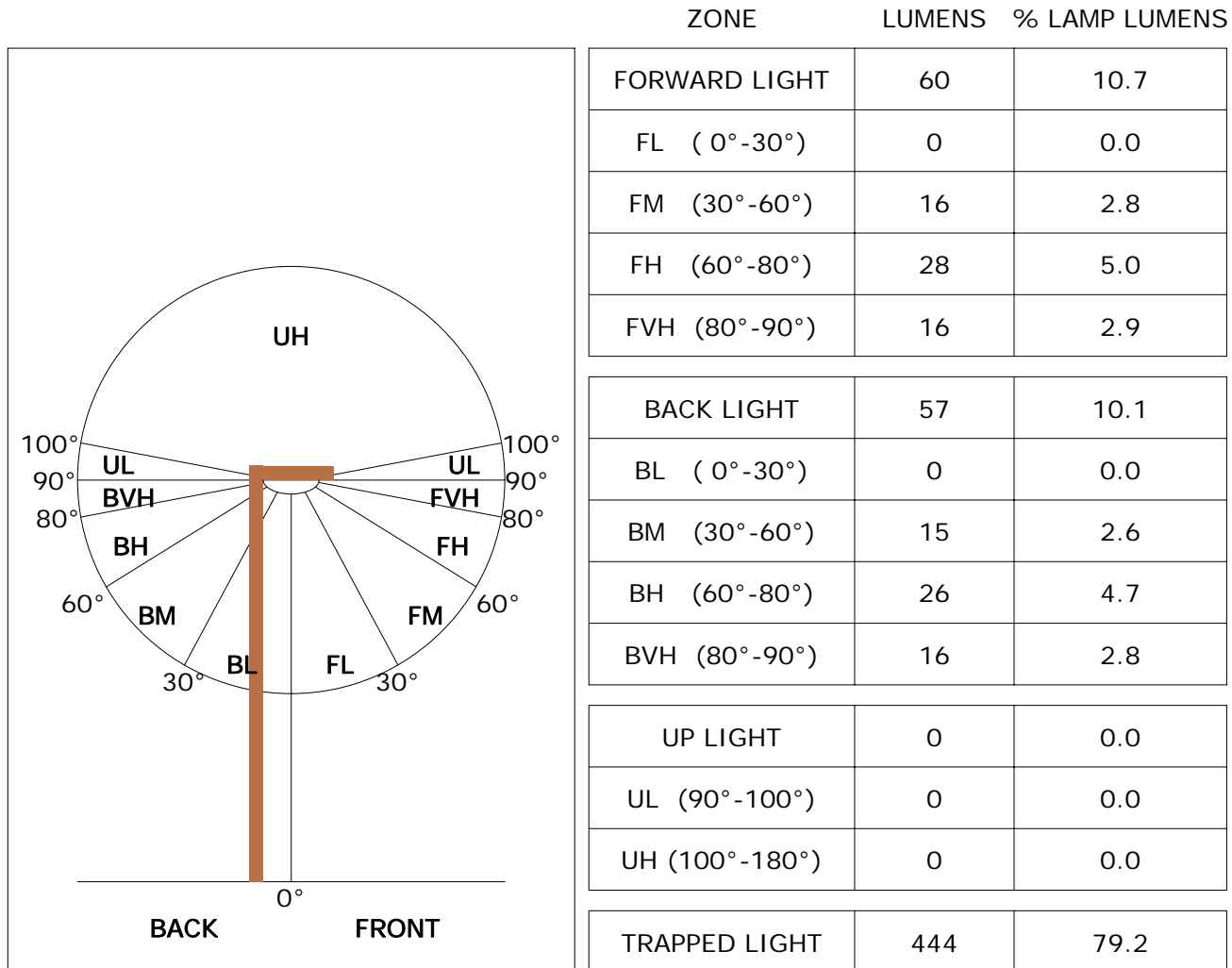
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**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G1

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