



Tel:
Fax:

Report No.: DL-252G

Test Time: 2015-01-20 09:02

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: DL252G

Lamp Description: XB-D

Lumens per Lamp: 61.36lm

Luminous Width (mm): 70

Voltage: 223.3 V

Power: 1.75 W

Lamp Catalog: LED

Number of Lamps: 1

Luminous Length (mm): 93

Luminous Height (mm): 32

Current: 0.016 A

Power Factor: 0.502

Photometric Results

CIE Class: Direct

Measurement Flux: 46.2 lm

Downward Ratio: 75.20%

Field Angle: H137.2 V144.8

Luminaire Efficacy Rating (LER): 26

Max. Intensity: 129.26 cd

Total Rated Lamp Lumens: 61.4 lm

Efficiency: 75.20%

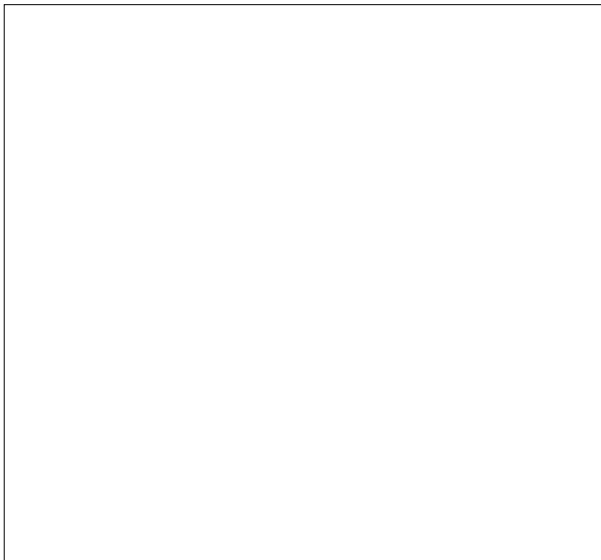
Upward Ratio: 0.00%

Beam Angle: H95.6 V115.7

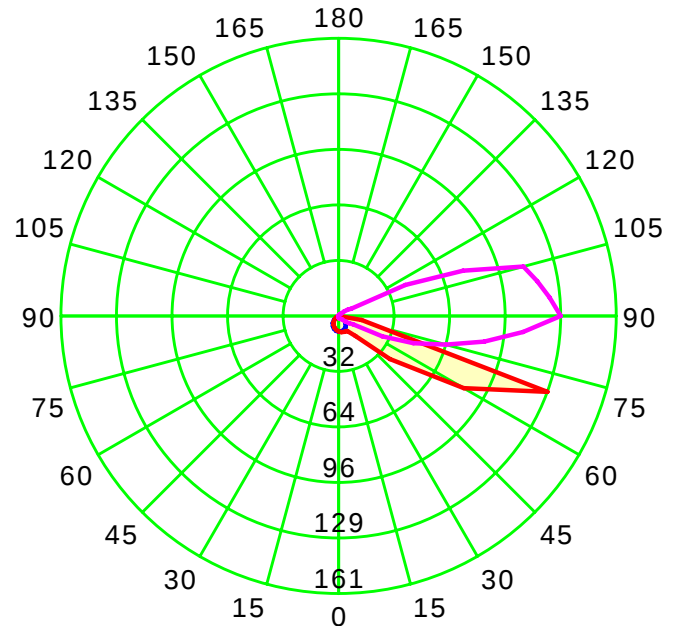
Central Intensity: 9.16 cd

Pos of Max. Intensity: H90 V70

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270 — G70

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature: 18

Operator:

Gamma Plane (°):0.0-90.0:10.0

Test Device: GPM-1600L

Distance: 8.955 m

Humidity: 60

Inspector:



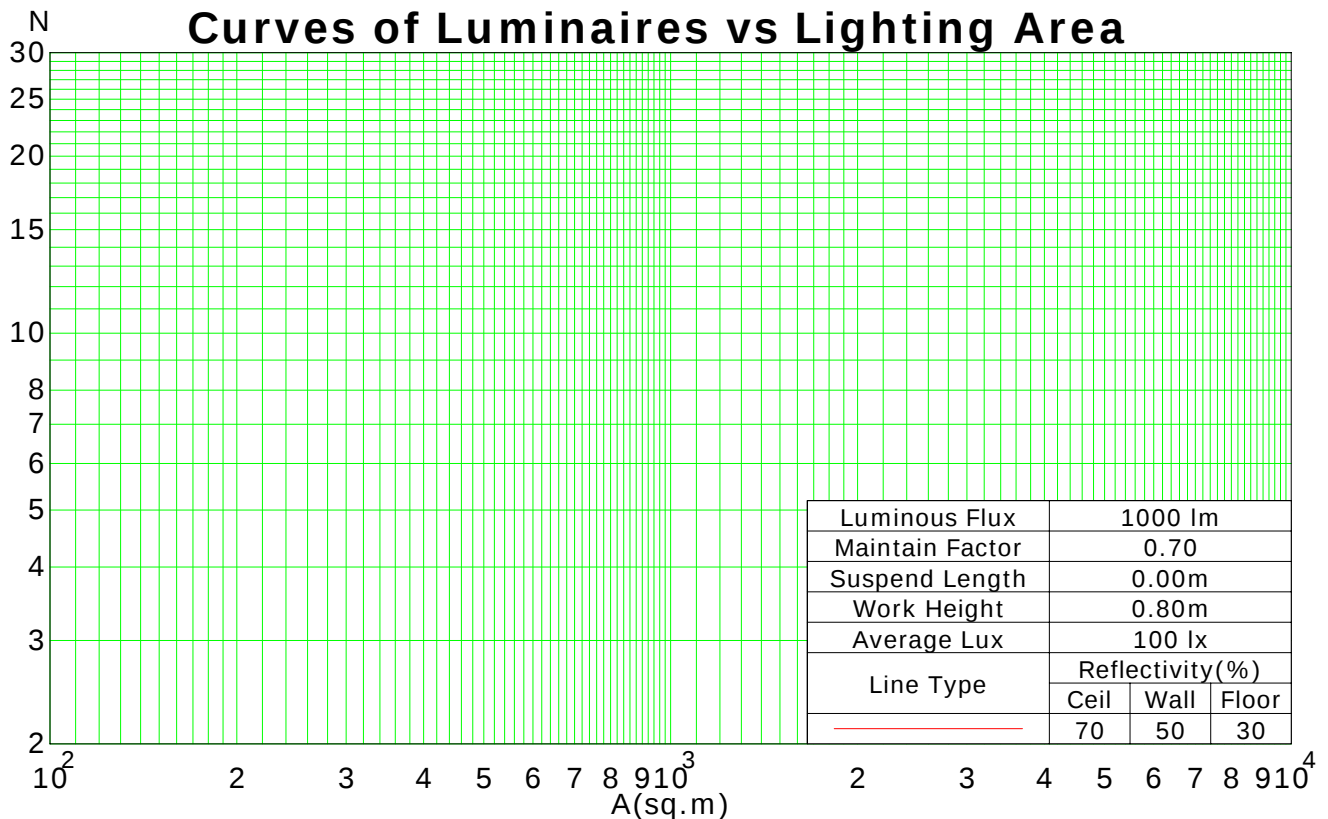
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Coefficients Of Utilization - Zonal Cavity Method

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
RCR	RF = 0.2																	
0	89	89	89	89	87	87	87	87	84	84	84	80	80	80	77	77	77	75
1	79	75	71	67	77	73	69	66	70	67	64	67	64	62	64	62	60	58
2	70	62	55	50	68	61	54	49	58	53	48	55	51	47	53	49	46	44
3	62	52	45	38	60	51	44	38	48	42	37	46	41	37	44	40	36	34
4	56	45	37	31	54	44	36	30	42	35	30	40	34	29	38	33	29	27
5	50	39	31	25	49	38	30	25	36	30	24	35	29	24	33	28	24	22
6	46	34	27	21	45	34	26	21	32	26	21	31	25	20	30	24	20	18
7	43	31	23	18	41	30	23	18	29	22	18	28	22	17	27	21	17	16
8	39	28	21	16	38	27	20	16	26	20	15	25	19	15	24	19	15	14
9	37	25	19	14	36	25	18	14	24	18	14	23	18	14	22	17	13	12
10	34	23	17	12	33	23	17	12	22	16	12	21	16	12	21	16	12	11

Spacing Criteria (0-180): 1.20
Spacing Criteria (90-270): 1.64
Spacing Criteria (Diagonal): 1.32



C Plane (°):0.0-360.0: 15.0
Test Lab:
Test Type: TYPE C
Temperature: 18
Operator:

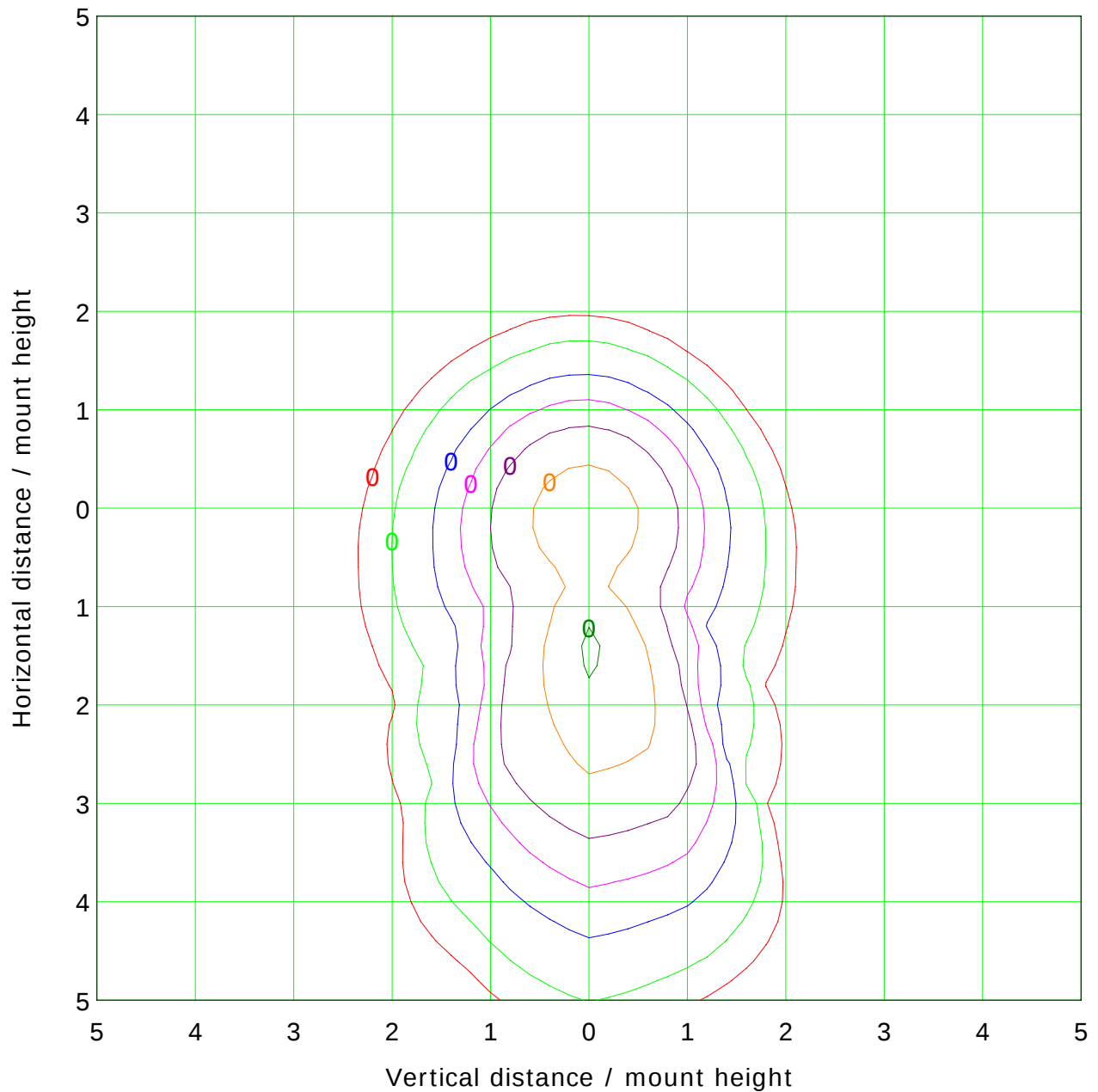
Gamma Plane (°):0.0-90.0:10.0
Test Device: GPM-1600L
Distance: 8.955 m
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IsoLux Plot



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: 18
Operator:

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

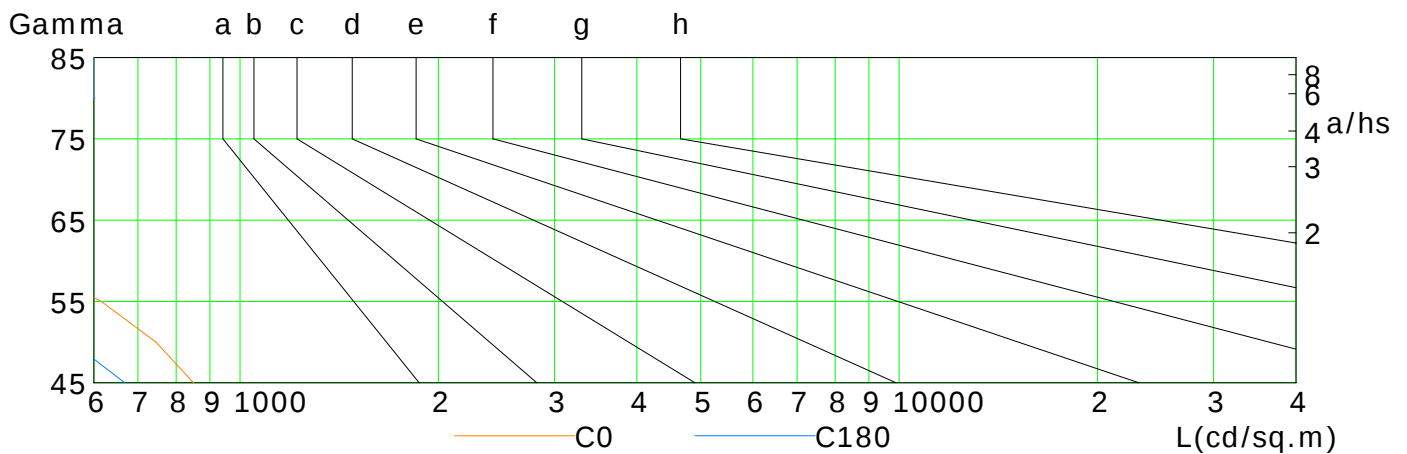
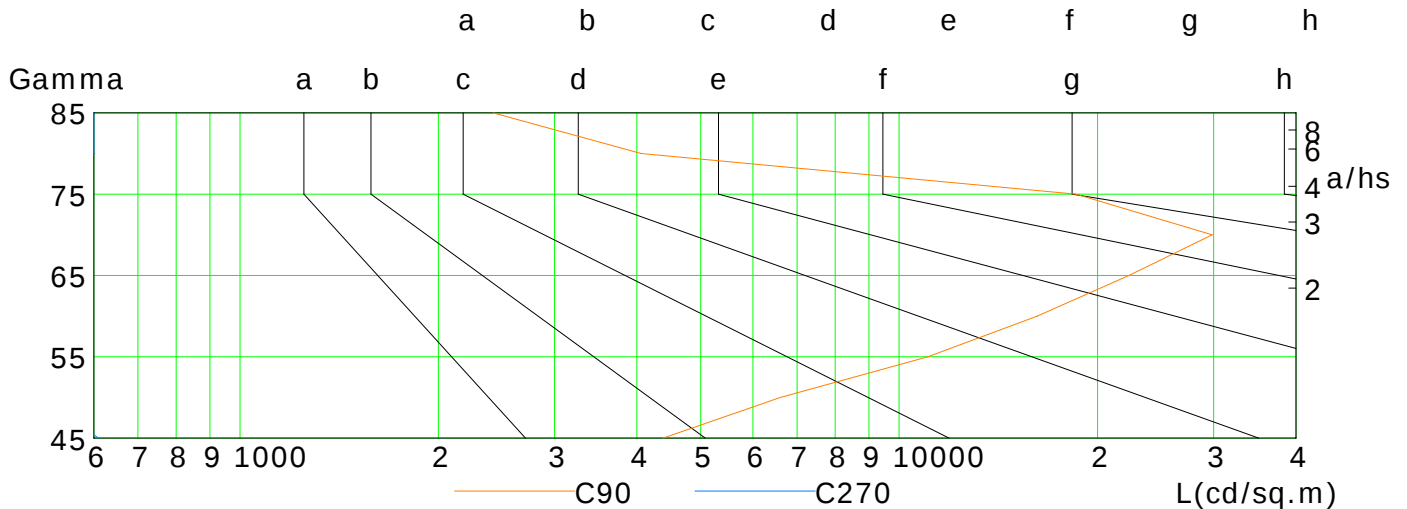


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Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
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	850	746	616	477	346	197	109	0	0
C90	4384	6606	11053	16195	22315	29842	18554	4061	2421
C180	669	555	438	312	205	82	45	0	0
C270	609	508	402	285	169	32	18	0	0

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Temperature: 18

Operator:

Gamma Plane (°):0.0-90.0:10.0

Test Device: GPM-1600L

Distance: 8.955 m

Humidity: 60

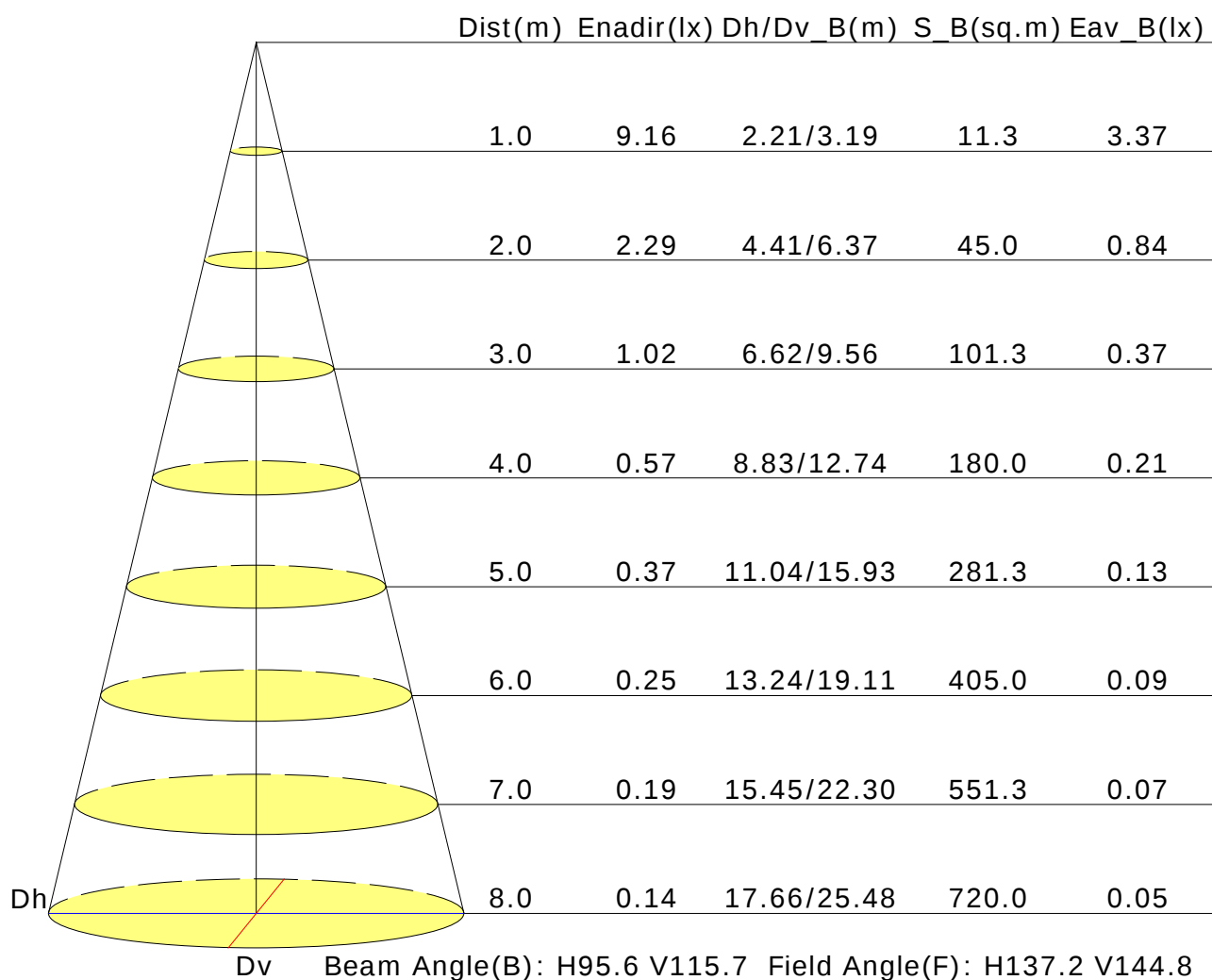
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Illuminance at a Distance



C Plane (°):0.0-360.0: 15.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 18
 Operator:

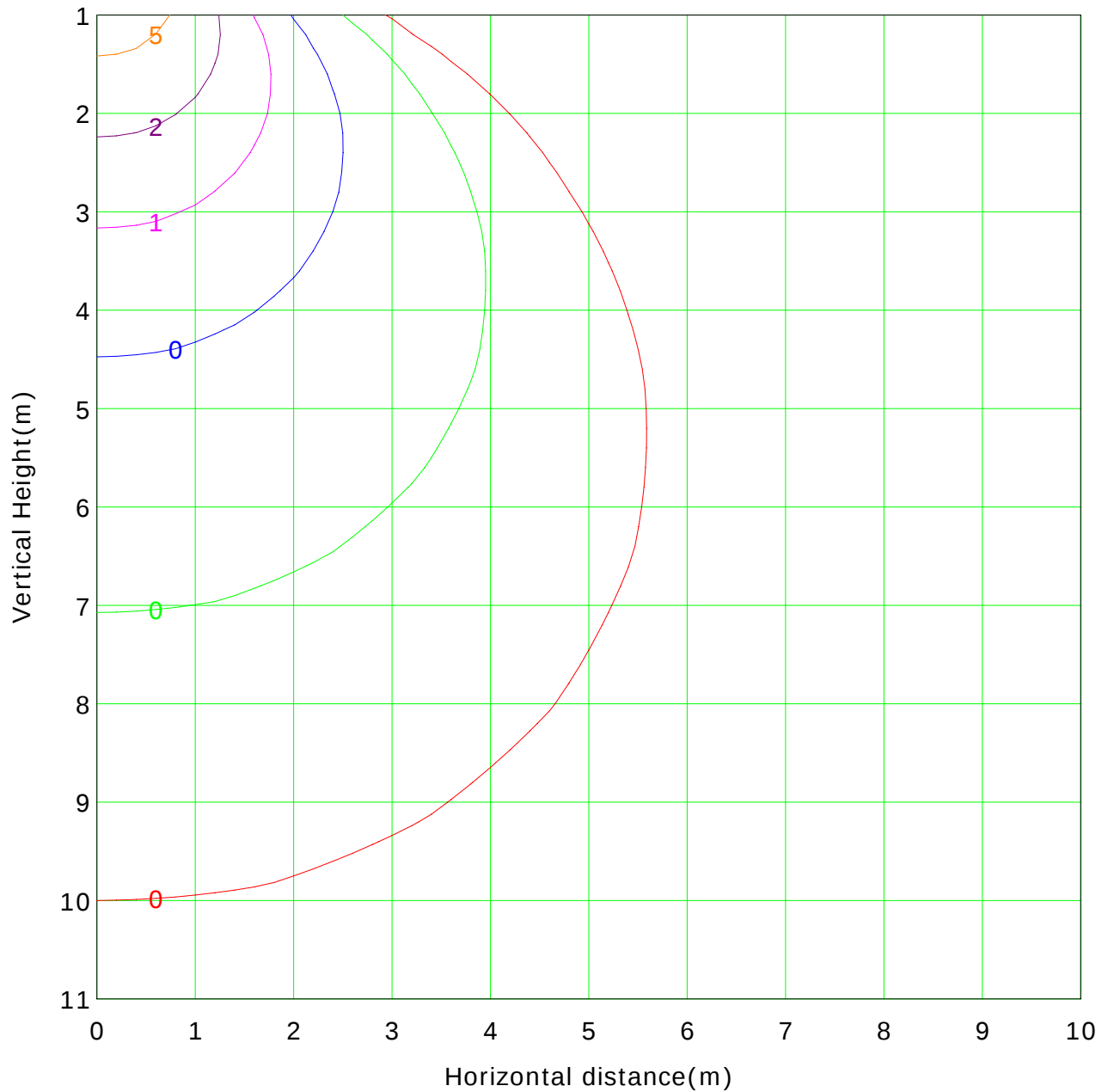
Gamma Plane (°):0.0-90.0:10.0
 Test Device: GPM-1600L
 Distance: 8.955 m
 Humidity: 60
 Inspector:



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Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 9.2 lx
(1%): 0.1 lx	(2%): 0.2 lx	
(5%): 0.5 lx	(10%): 0.9 lx	
(20%): 1.8 lx	(50%): 4.6 lx	
(100%): 9.2 lx		

C Plane (°):0.0-360.0: 15.0
Test Lab:
Test Type: TYPE C
Temperature: 18
Operator:

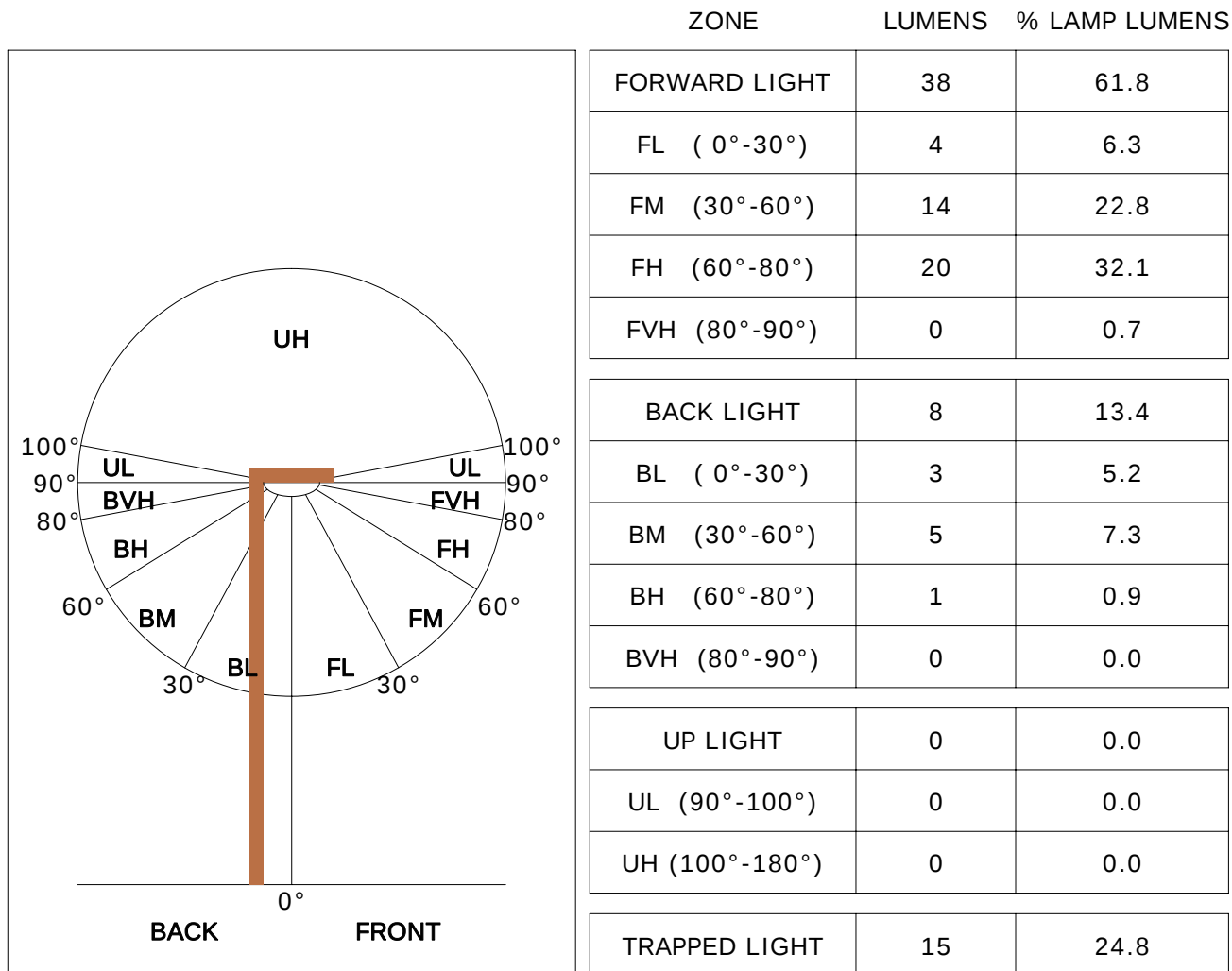
Gamma Plane (°):0.0-90.0:10.0
Test Device: GPM-1600L
Distance: 8.955 m
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FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U0 G0

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