

Report No.:

Test Time: 2023/5/24 15:12

Luminaire Property

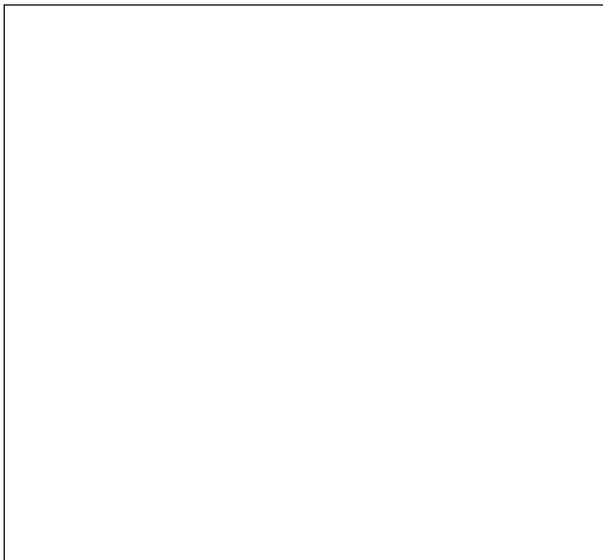
Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.679 A
Power Factor: 0.994

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 200.26 W

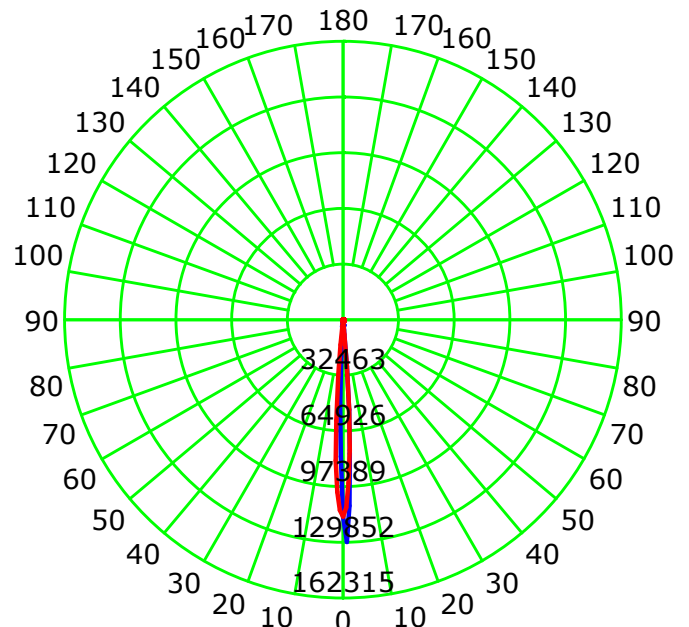
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 4026.3 lm
Measurement Flux: 4026.3 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H9.6,H5.3	
Vertical Diffuse Angle(10%,50%): V12.1,V7.8	
Luminaire Efficacy Rating (LER): 20.16	C0r0 Intensity: 114864.04 cd
Max. Intensity: 129852.75 cd	Pos of Max. Intensity: H22.5 V1
S/MH(C0/C180): 0.10	S/MH(C90/C270): 0.14

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 6.4°

— C0-C180 — C90-C270

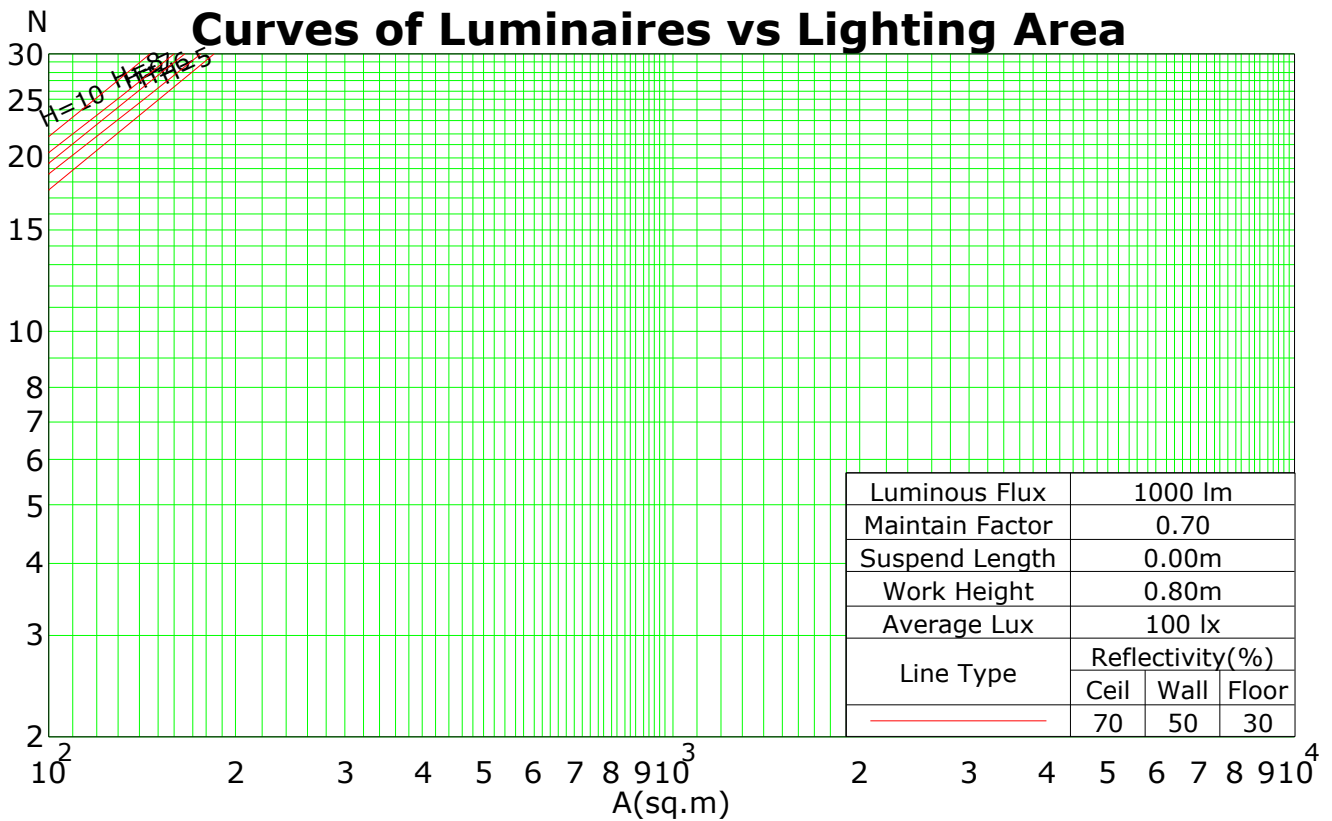
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.2 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 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
RCCR	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	1.02	1.02	1.02	1.00
1	1.11	1.07	1.03	1.00	1.08	1.05	1.01	0.98	1.00	0.98	0.95	0.96	0.94	0.92	0.93	0.91	0.90	0.88
2	1.04	0.97	0.92	0.88	1.01	0.96	0.91	0.87	0.92	0.88	0.85	0.89	0.86	0.83	0.86	0.84	0.81	0.79
3	0.98	0.90	0.84	0.79	0.96	0.89	0.83	0.78	0.86	0.81	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.73
4	0.93	0.84	0.78	0.73	0.91	0.83	0.77	0.72	0.81	0.76	0.71	0.79	0.74	0.71	0.77	0.73	0.70	0.68
5	0.89	0.79	0.73	0.68	0.87	0.78	0.72	0.68	0.77	0.71	0.67	0.75	0.70	0.67	0.73	0.69	0.66	0.64
6	0.85	0.75	0.69	0.64	0.83	0.75	0.69	0.64	0.73	0.68	0.64	0.72	0.67	0.63	0.70	0.66	0.63	0.61
7	0.82	0.72	0.66	0.61	0.80	0.71	0.66	0.61	0.70	0.65	0.61	0.69	0.64	0.61	0.68	0.64	0.60	0.59
8	0.79	0.69	0.63	0.59	0.78	0.69	0.63	0.59	0.68	0.62	0.59	0.67	0.62	0.59	0.66	0.61	0.58	0.57
9	0.76	0.67	0.61	0.57	0.75	0.66	0.61	0.57	0.66	0.60	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.55
10	0.74	0.65	0.59	0.56	0.73	0.64	0.59	0.56	0.64	0.59	0.55	0.63	0.58	0.55	0.62	0.58	0.55	0.54

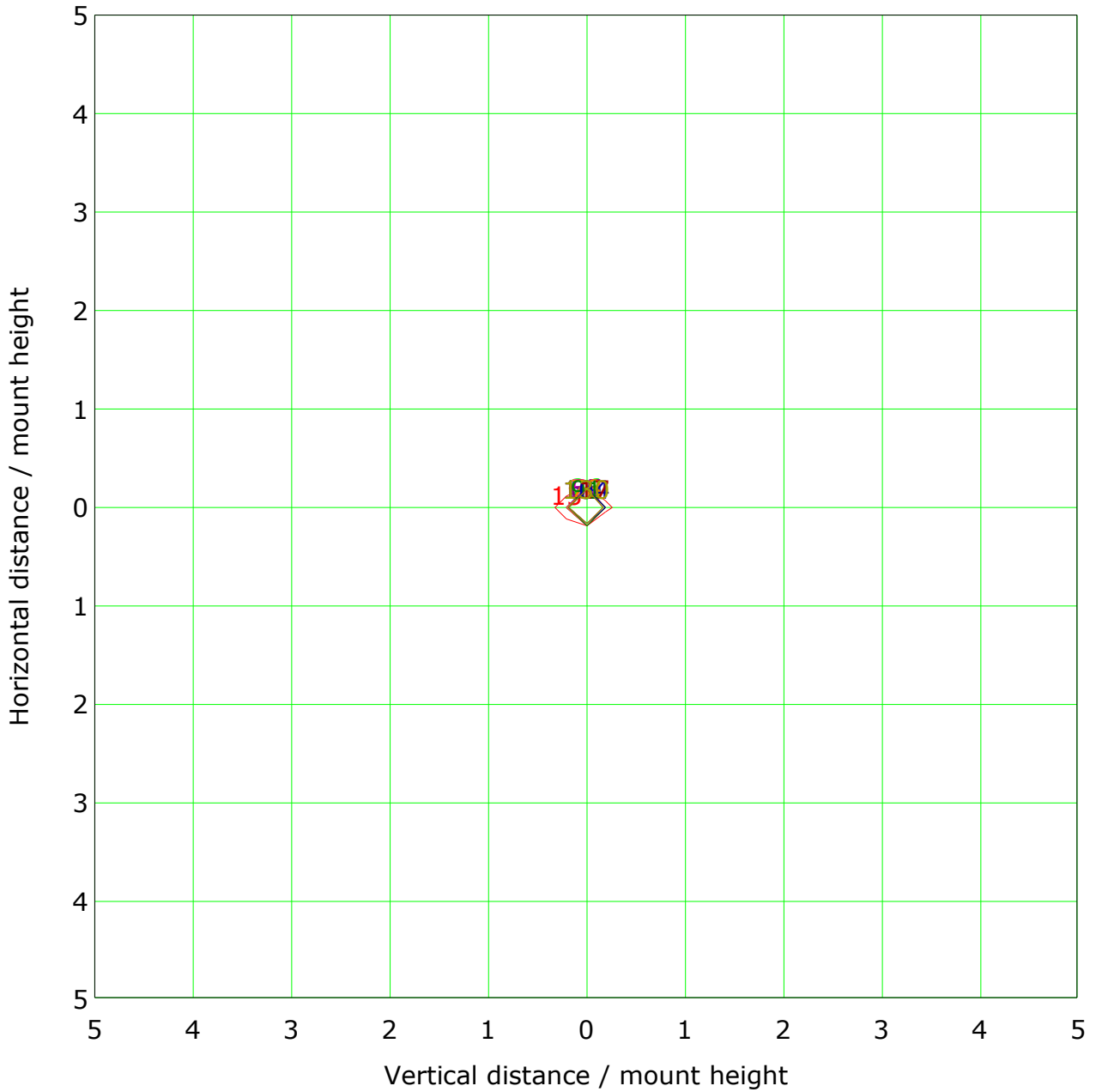
Spacing Criteria (0-180): 0.10
 Spacing Criteria (90-270): 0.14
 Spacing Criteria (Diagonal): 0.11



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 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 1297.9 lx	
— (1%): 13.0 lx	— (2%): 26.0 lx	— (3%): 38.9 lx	— (4%): 51.9 lx
— (5%): 64.9 lx	— (6%): 77.9 lx	— (7%): 90.9 lx	— (8%): 103.8 lx
— (9%): 116.8 lx	— (10%): 129.8 lx		

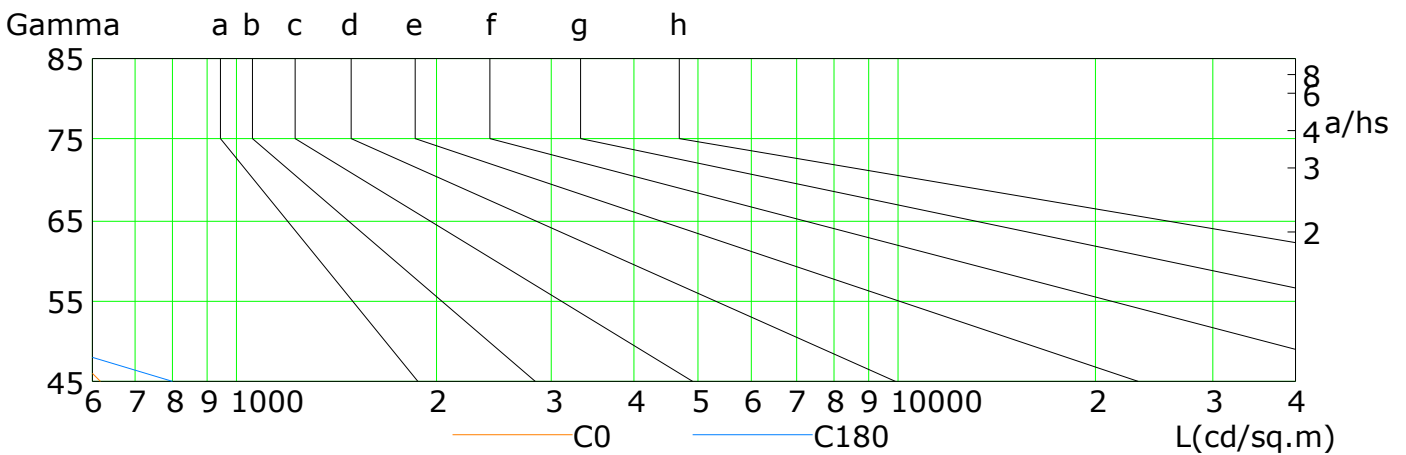
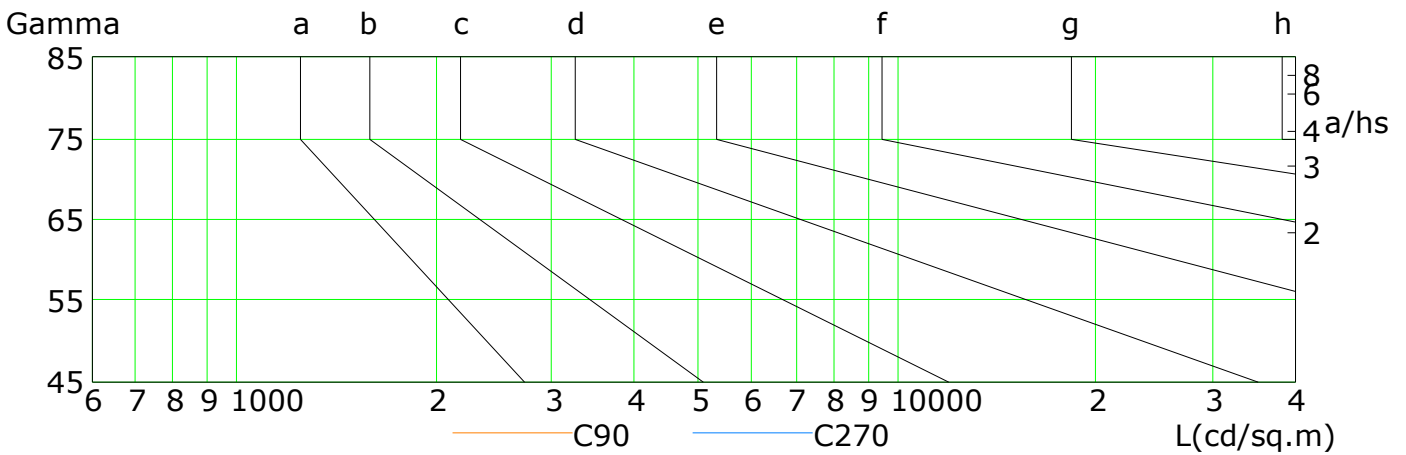
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Lum Limit Curve

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

a b c d e f g h

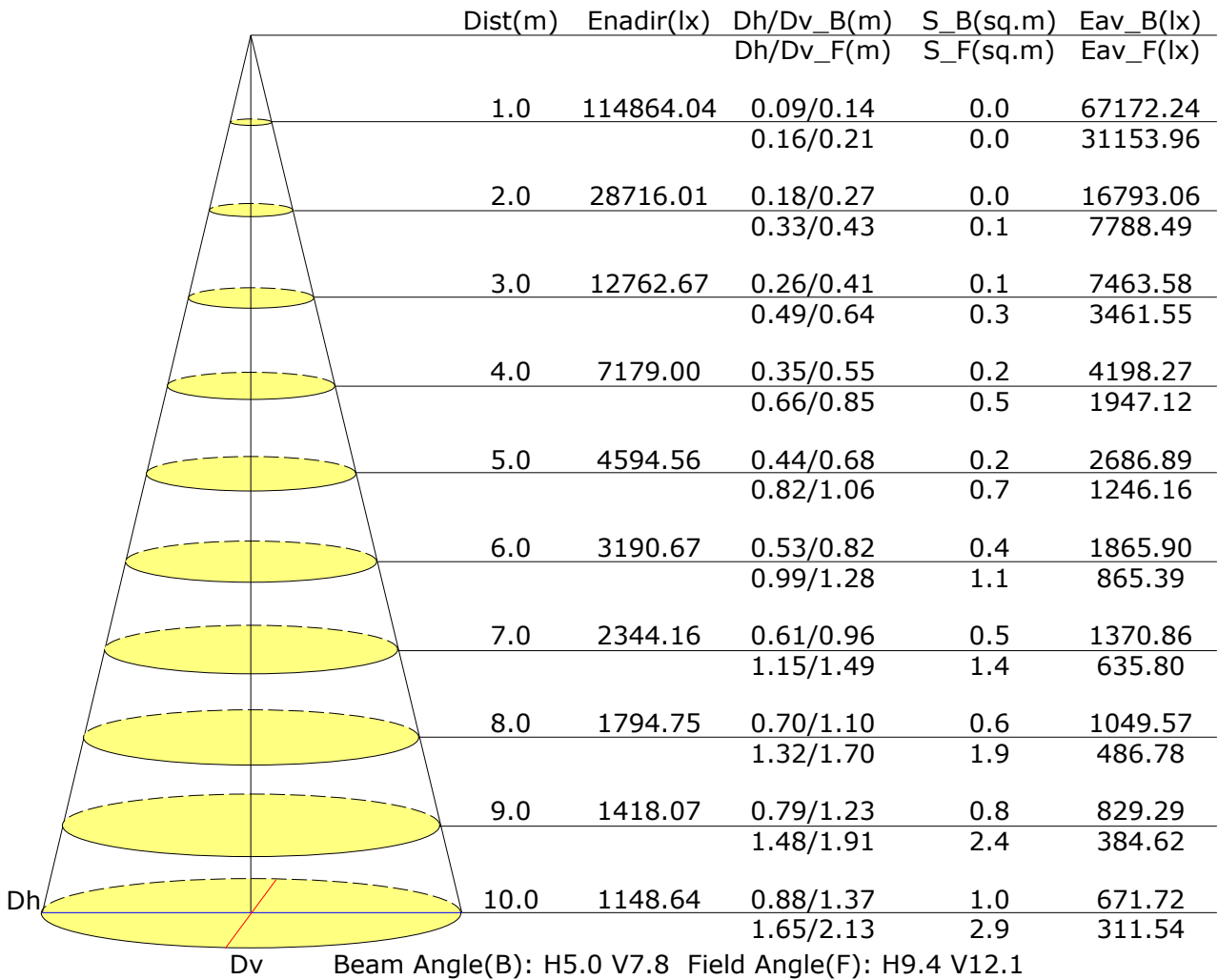


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	618	534	380	301	256	241	127	167	84
C90	499	465	401	353	277	251	234	191	177
C180	792	499	395	296	220	175	172	114	66
C270	494	441	391	322	227	177	222	179	208

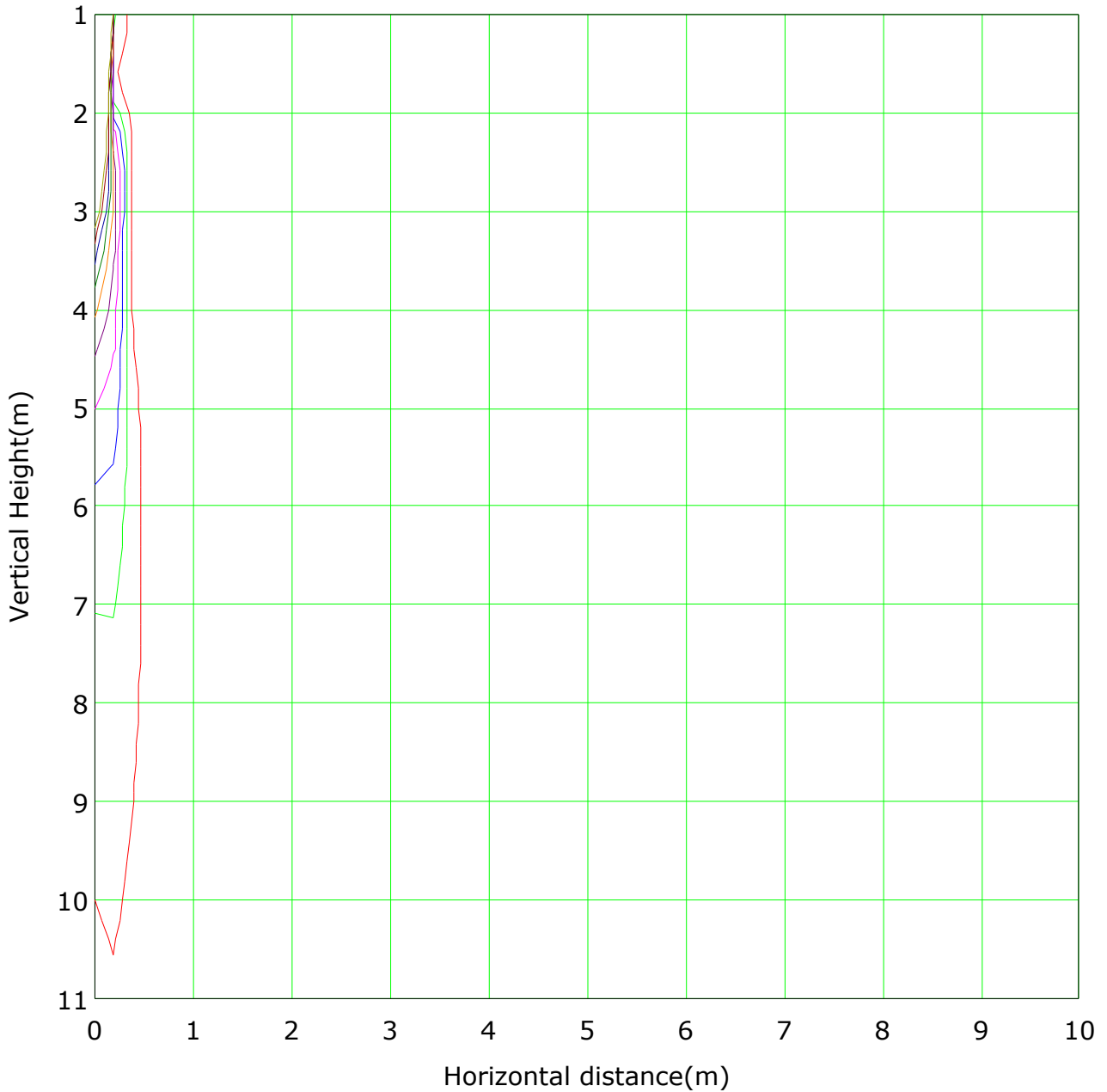
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Humidity:
Inspector:

Illuminance at a Distance



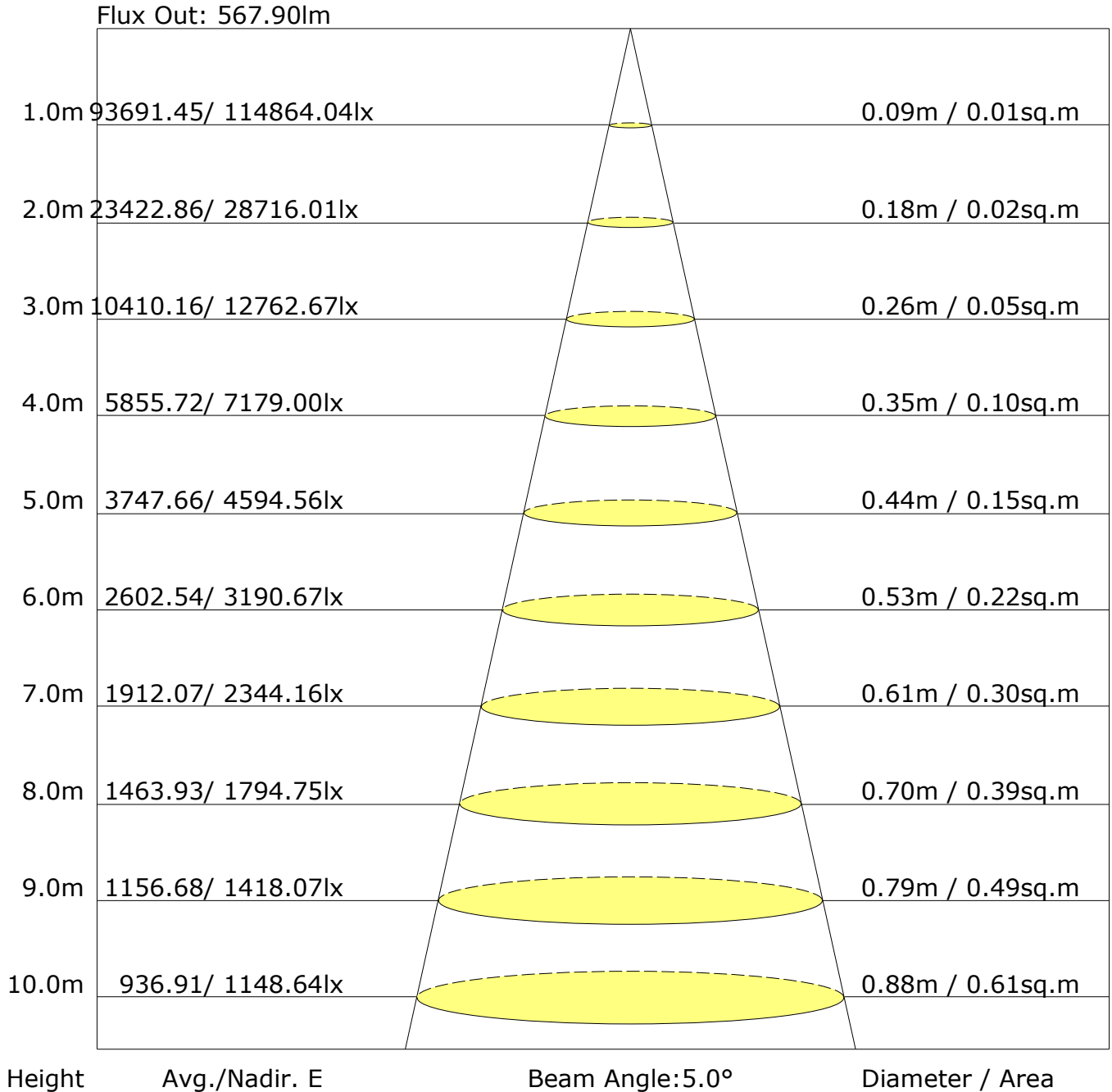
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 114864.0 lx

— (1%):1148.6 lx	— (2%):2297.3 lx
— (3%):3445.9 lx	— (4%):4594.6 lx
— (5%):5743.2 lx	— (6%):6891.8 lx
— (7%):8040.5 lx	— (8%):9189.1 lx
— (9%):10337.8 lx	— (10%):11486.4 lx

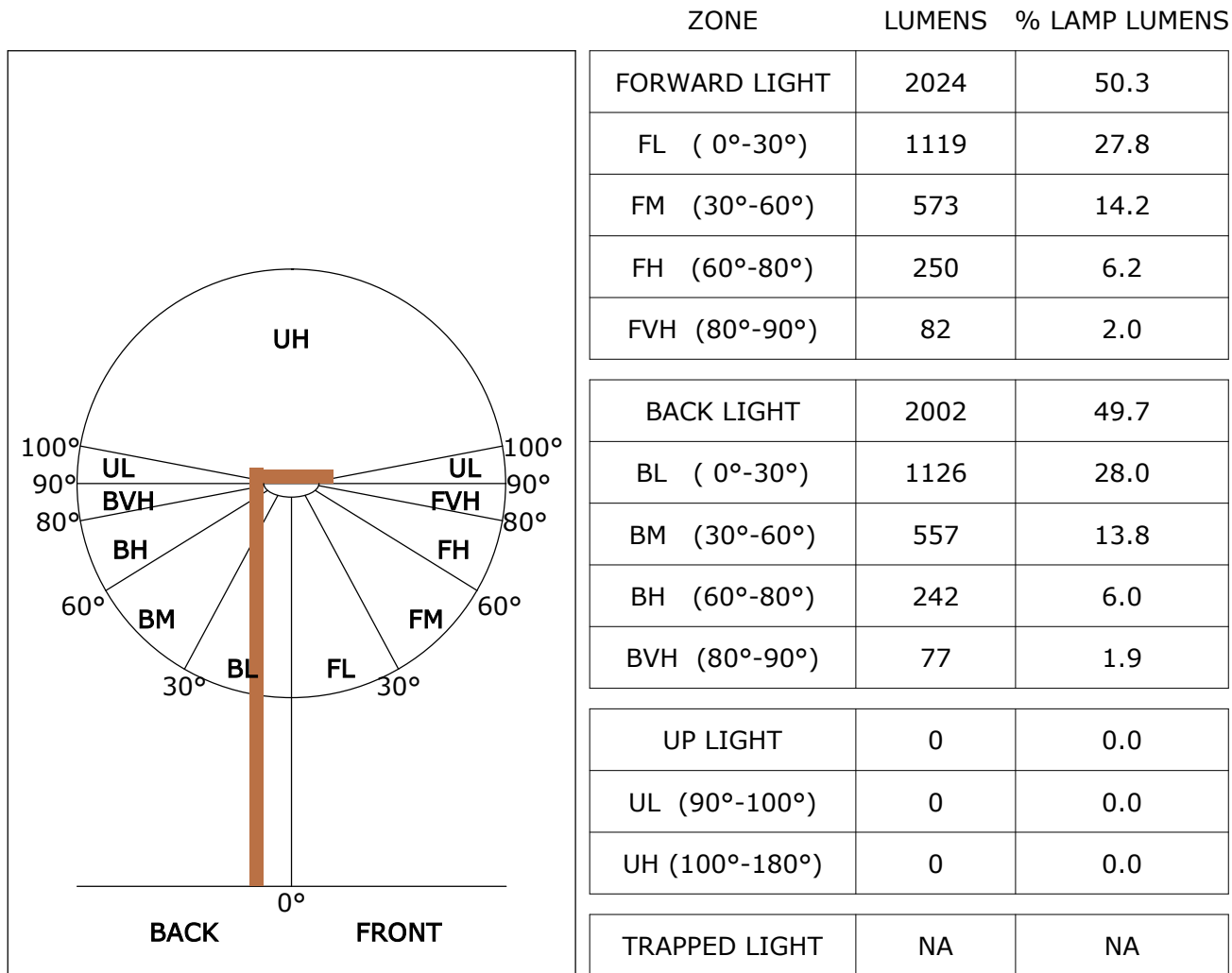
The Average Illuminance Effective Figure



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 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

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)	B3 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U2 G1

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