

Report No.:

Test Time: 2023/1/30 08:49

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 4.992 A
Power Factor: 0.999

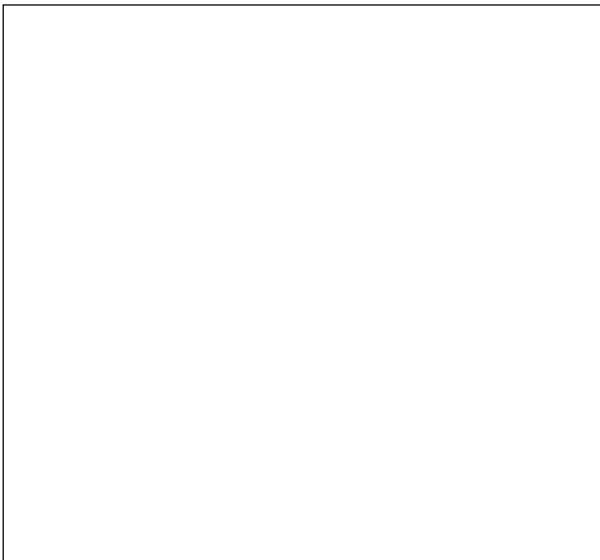
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 598.44 W

Photometric Results

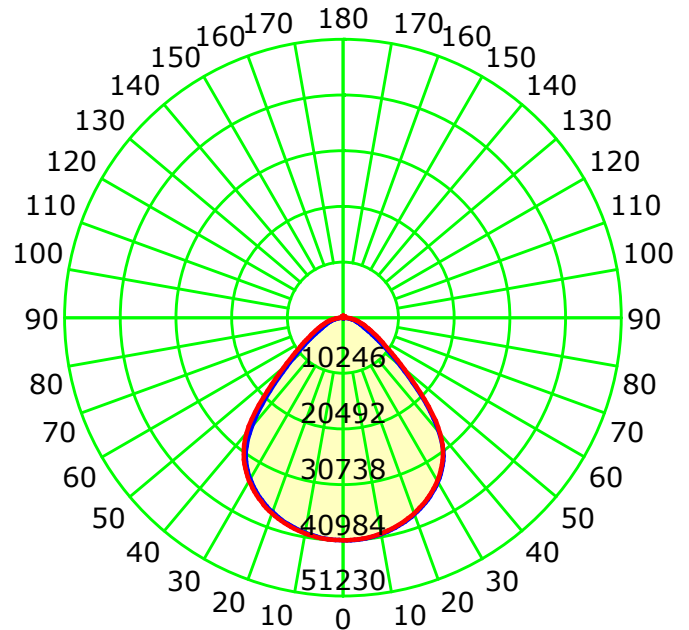
CIE Class: Direct
Measurement Flux: 86812.2 lm
Downward Ratio: 98%
Horizontal Diffuse Angle(10%,50%): H131.1,H89
Vertical Diffuse Angle(10%,50%): V141.4,V90.7
Luminaire Efficacy Rating (LER): 145.11
Max. Intensity: 40984.16 cd
S/MH(C0/C180): 1.25

Total Rated Lamp Lumens: 86812.2 lm
Efficiency: 100%
Upward Ratio: 2%
C0r0 Intensity: 40959.05 cd
Pos of Max. Intensity: H292.5 V1
S/MH(C90/C270): 1.25

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

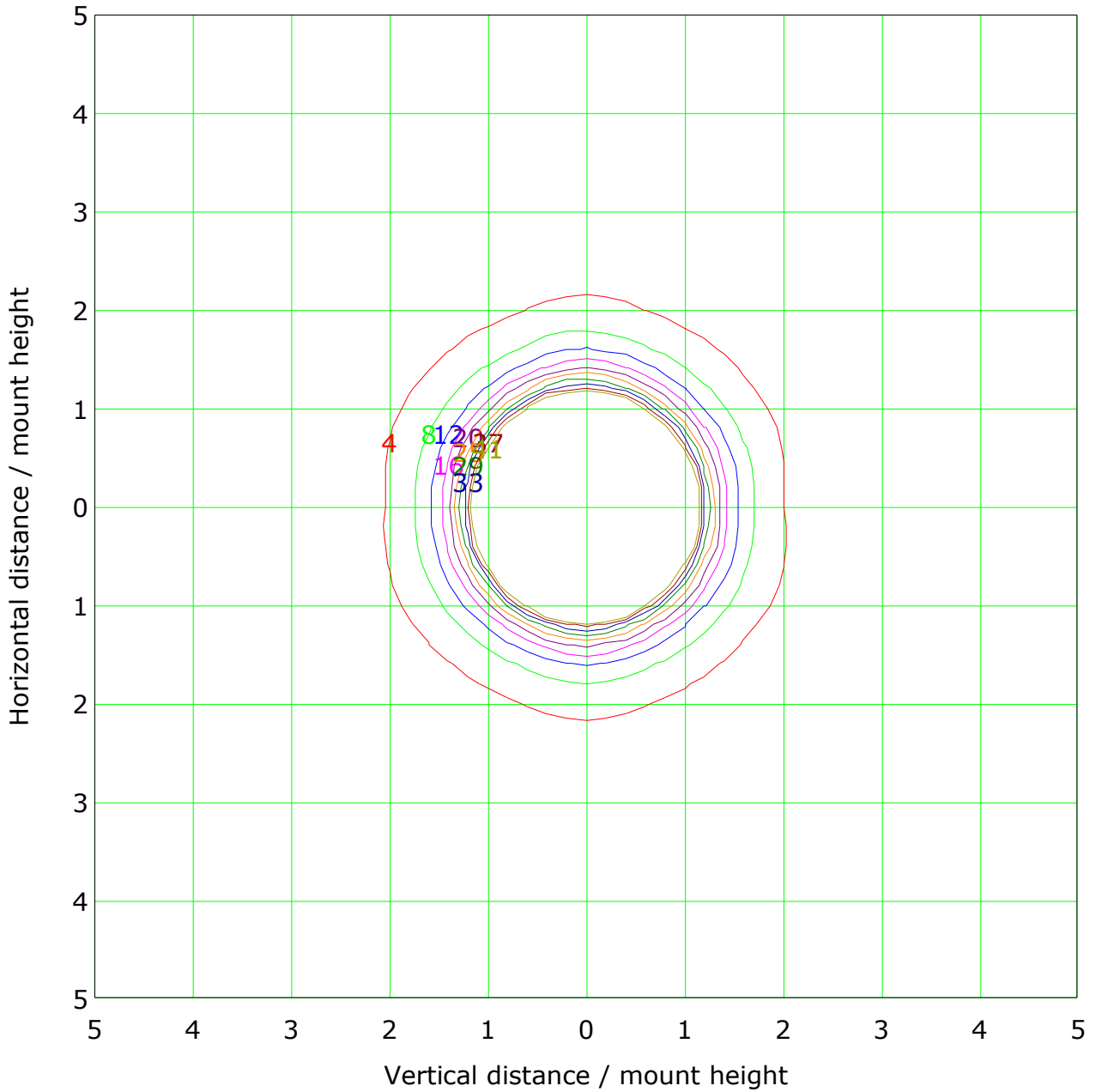
Average Diffuse Angle(50%): 89.9°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.9 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 409.7 lx
<ul style="list-style-type: none"> — (1%): 4.1 lx — (3%): 12.3 lx — (5%): 20.5 lx — (7%): 28.7 lx — (9%): 36.9 lx 	<ul style="list-style-type: none"> — (2%): 8.2 lx — (4%): 16.4 lx — (6%): 24.6 lx — (8%): 32.8 lx — (10%): 41.0 lx 	

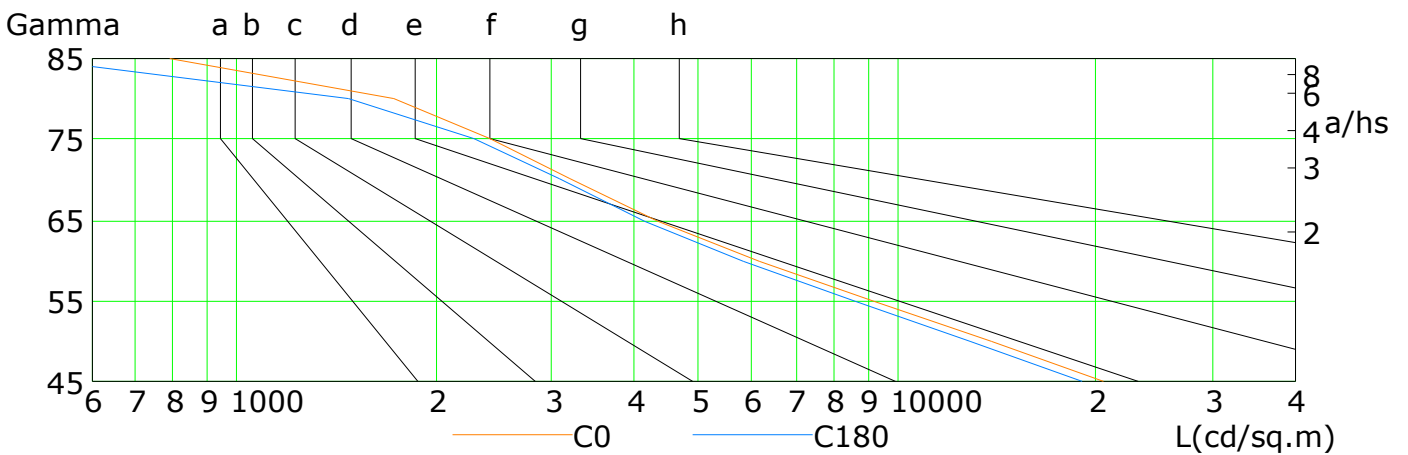
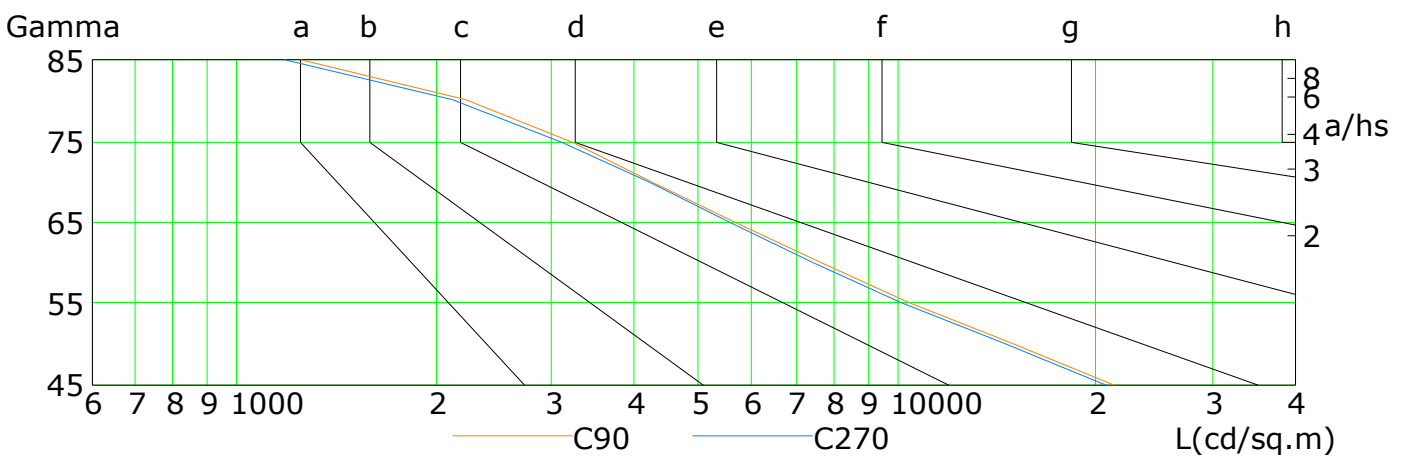
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Lum Limit Curve

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

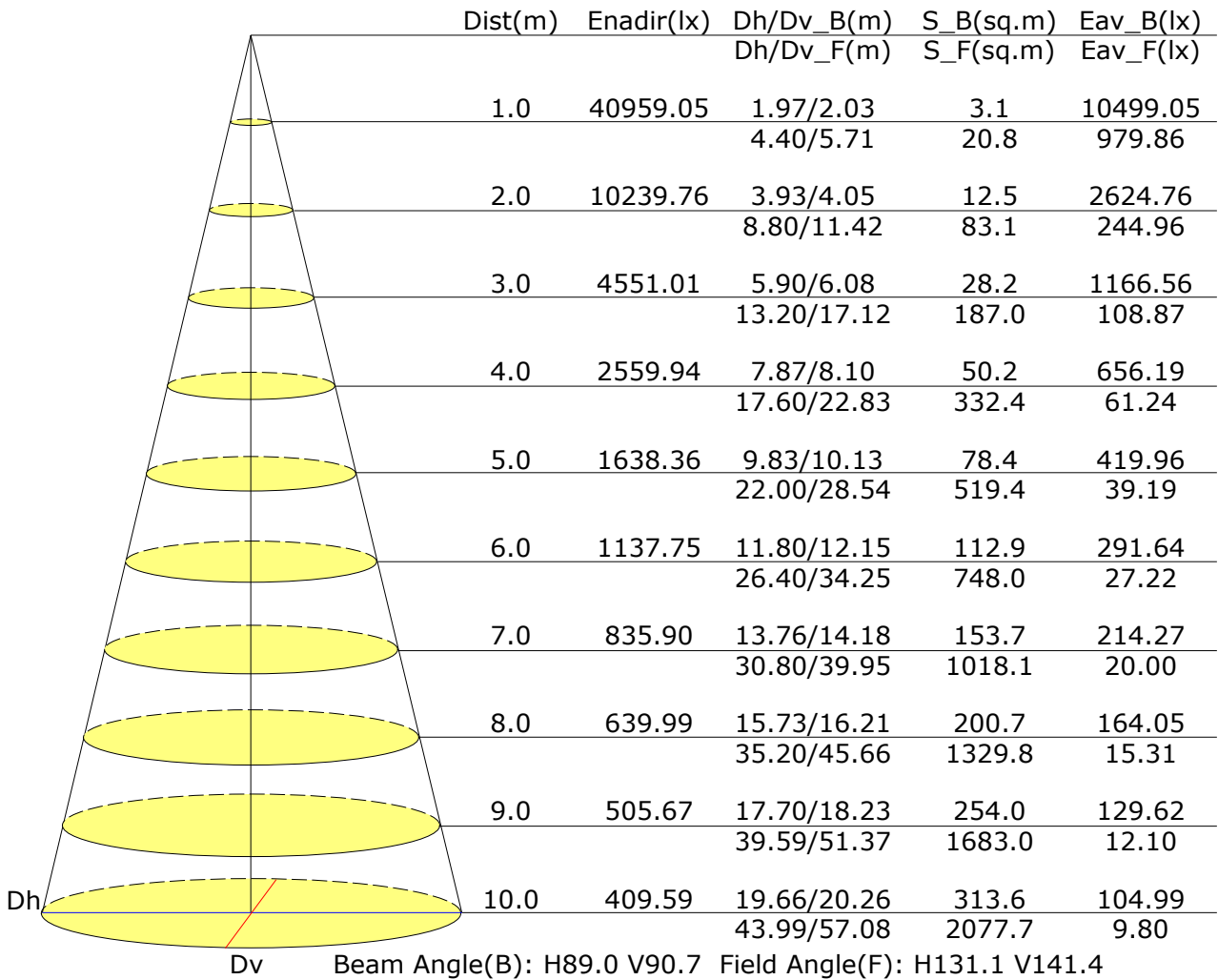


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	20570	13845	9240	6179	4337	3199	2410	1731	789
C90	21196	14760	10421	7652	5687	4269	3203	2212	1243
C180	19029	12838	8651	5833	4120	3072	2287	1472	464
C270	20775	14334	10117	7447	5573	4211	3092	2113	1180

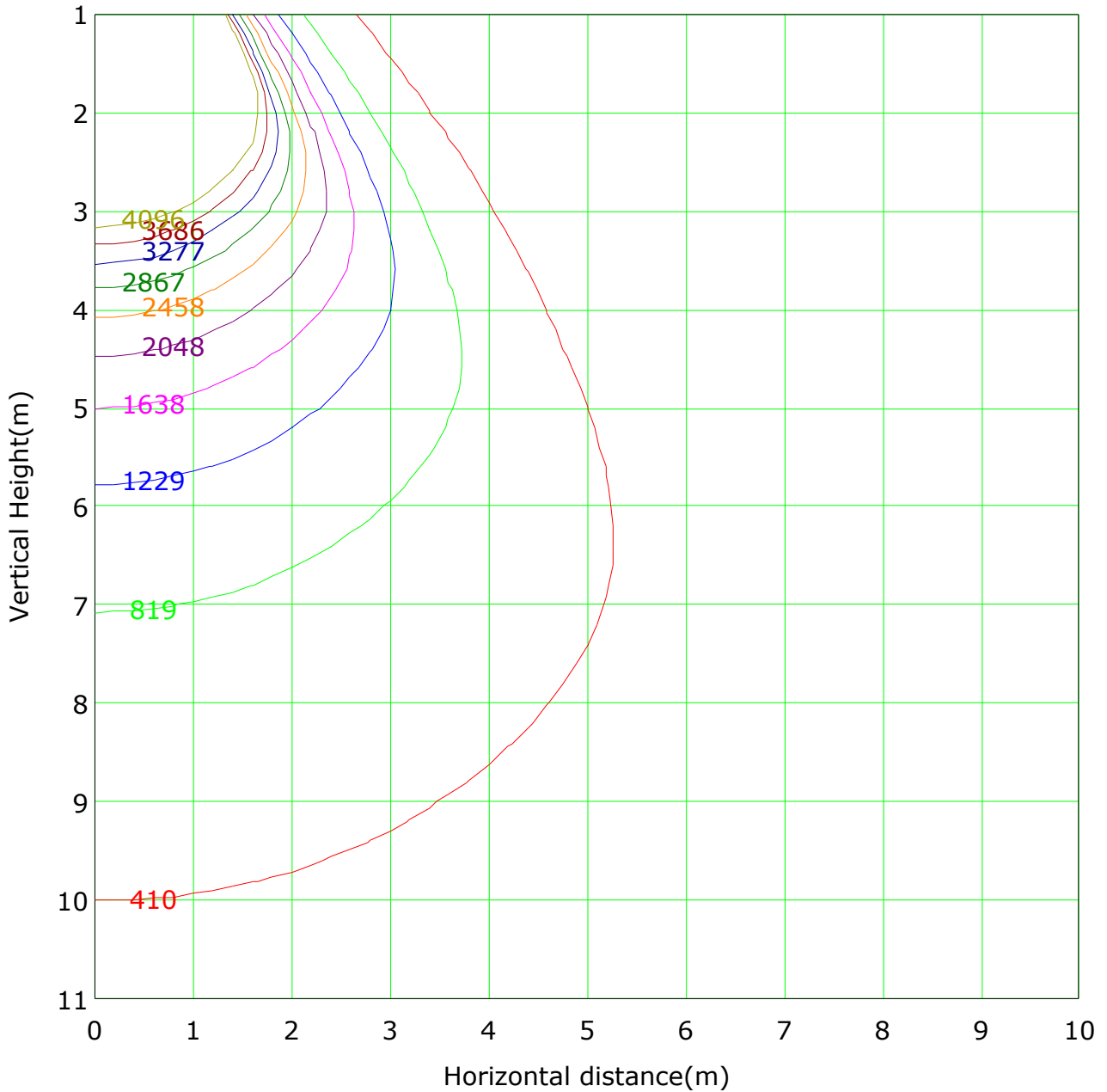
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Illuminance at a Distance



Vertical IsoLux Plot

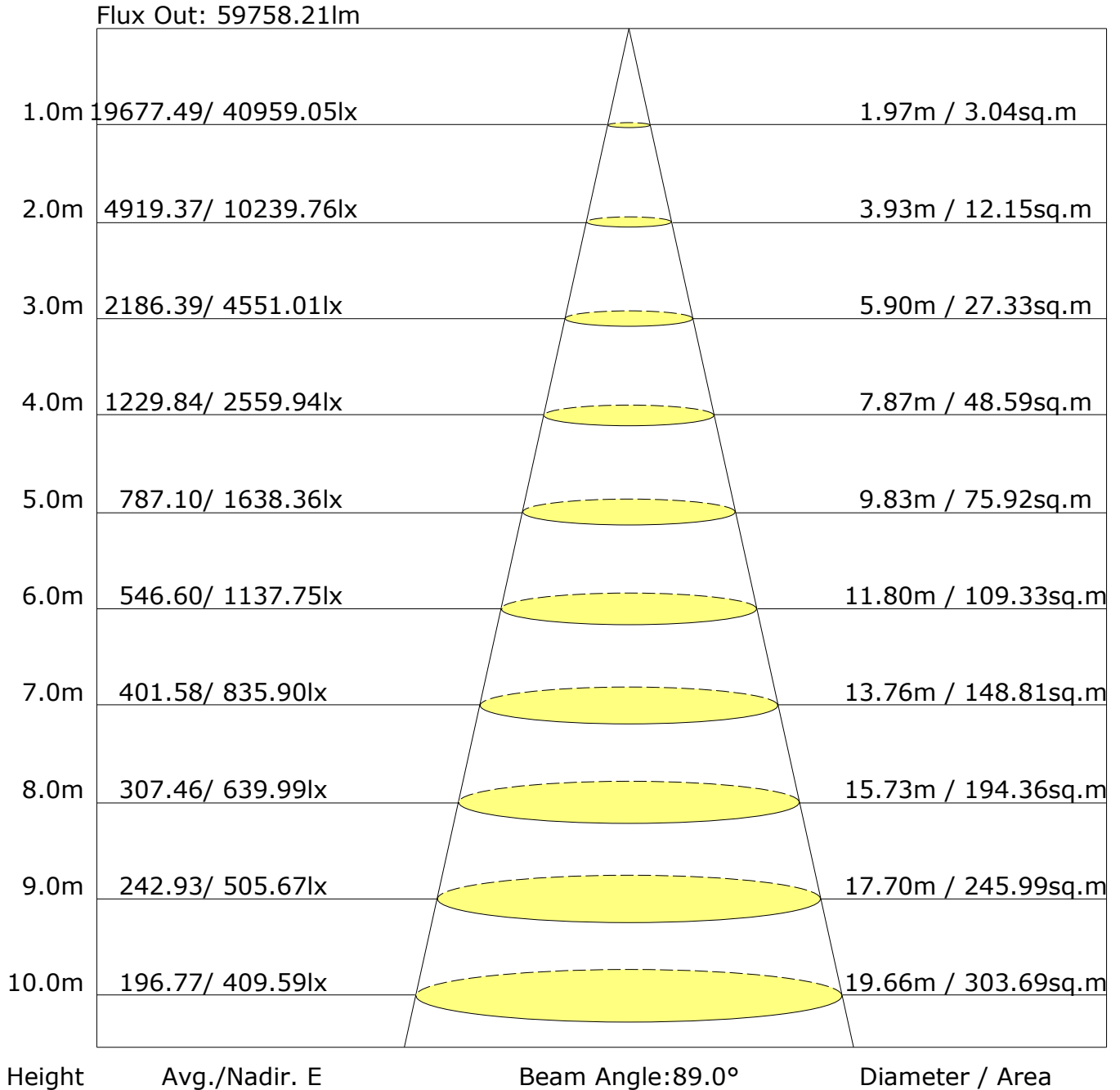


Lowest(m): 1.0m		Highest(m): 11.0m		Max Lux: 40959.0 lx	
— (1%): 409.6 lx		— (2%): 819.2 lx		— (4%): 1638.4 lx	
— (3%): 1228.8 lx		— (5%): 2048.0 lx		— (6%): 2457.5 lx	
— (7%): 2867.1 lx		— (8%): 3276.7 lx		— (10%): 4095.9 lx	
— (9%): 3686.3 lx					

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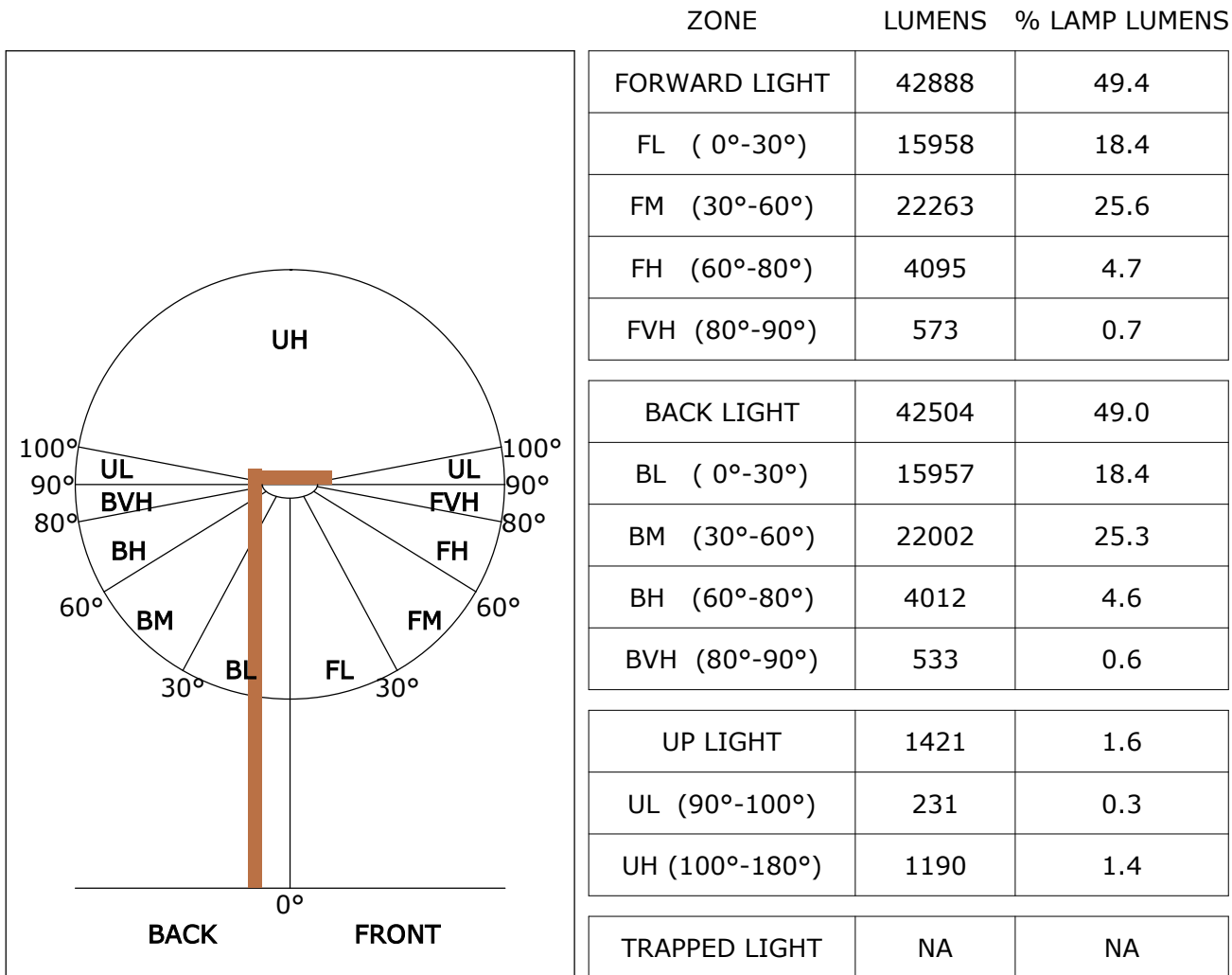
The Average Illuminance Effective Figure



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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)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G4

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