

Report No.:

Test Time: 2023/4/4 16:21

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: LWA0137B

Luminous Width (mm): 180

Voltage: 220.2 V

Power: 11.06 W

Luminous Length (mm): 180

Luminous Height (mm): 0

Current: 0.106 A

Power Factor: 0.472

Photometric Results

IES NEMA Type: 4H x 7V

Measurement Flux: 108.9 lm

Field Lumens: 90.5 lm

Horizontal Diffuse Angle(50%): H79.1

Vertical Diffuse Angle(50%): V90

Luminaire Efficacy Rating (LER): 9.89

Max. Intensity: 151.03 cd

Total Rated Lamp Lumens: 108.9 lm

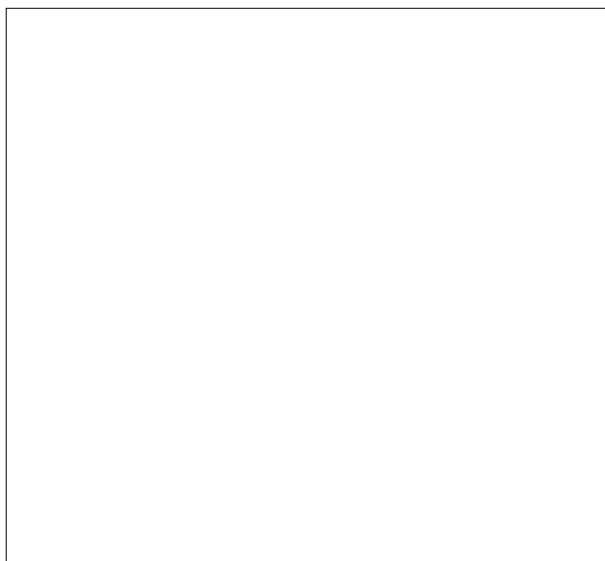
Efficiency: 100%

Field Efficiency: 83.12%

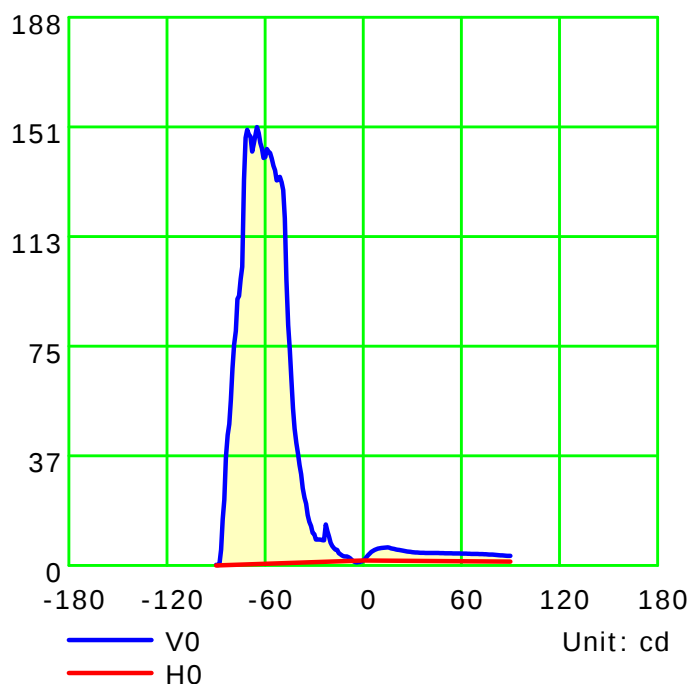
Central Intensity: 1.76 cd

Pos of Max. Intensity: H0 V-65

Picture Of Luminaire



Luminous Intensity Distribution Curve



B Plane (°): -90.0-90.0: 90.0

Test Lab:

Test Type: TYPE B

Temperature:

Operator:

Beta Plane (°): -90.0-90.0: 1.0

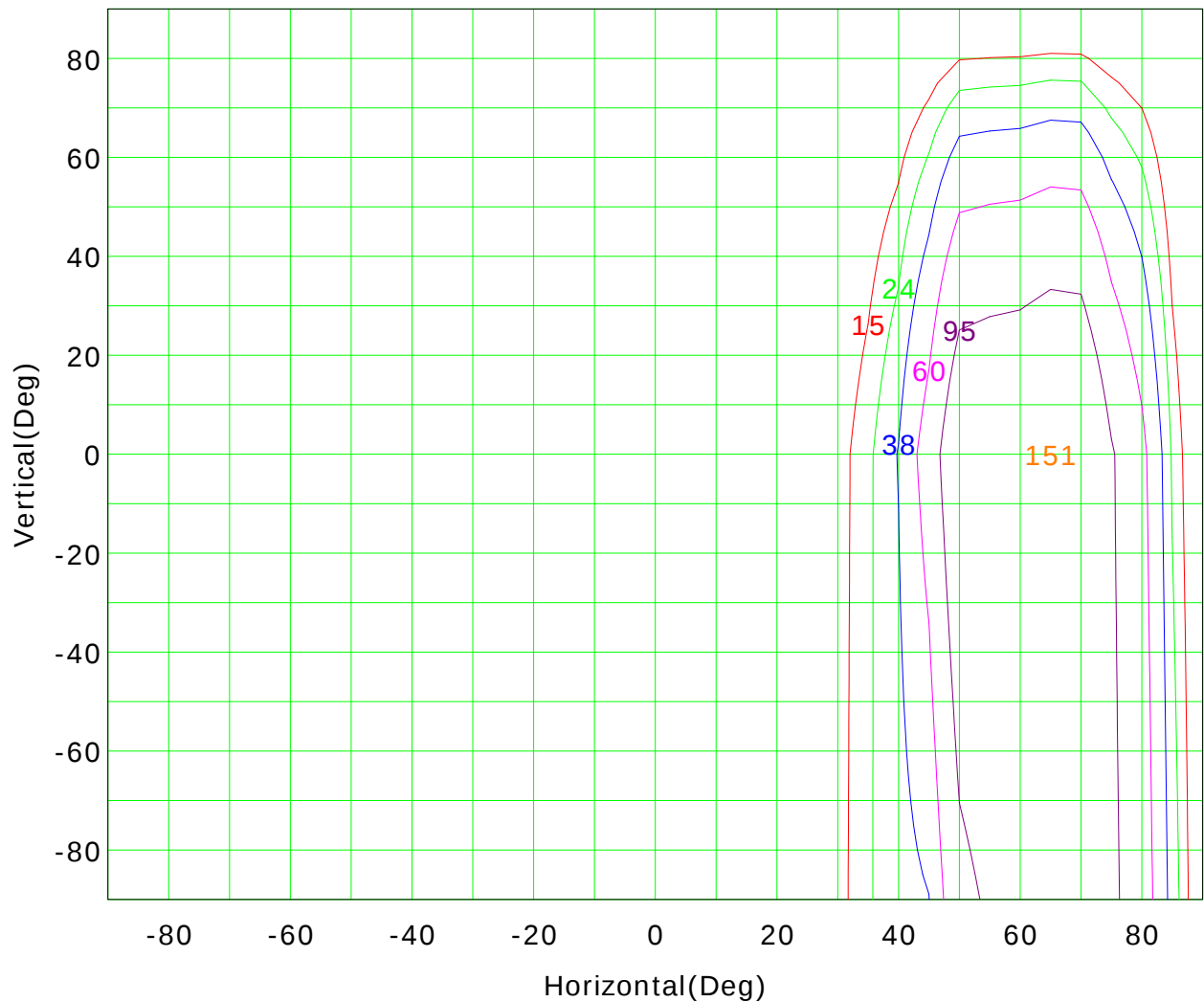
Test Device: GPM-1800B

Distance: 9.950 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 151 cd

(10%):	15 cd	(16%):	24 cd
(25%):	38 cd	(40%):	60 cd
(63%):	95 cd	(100%):	151 cd

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Temperature:

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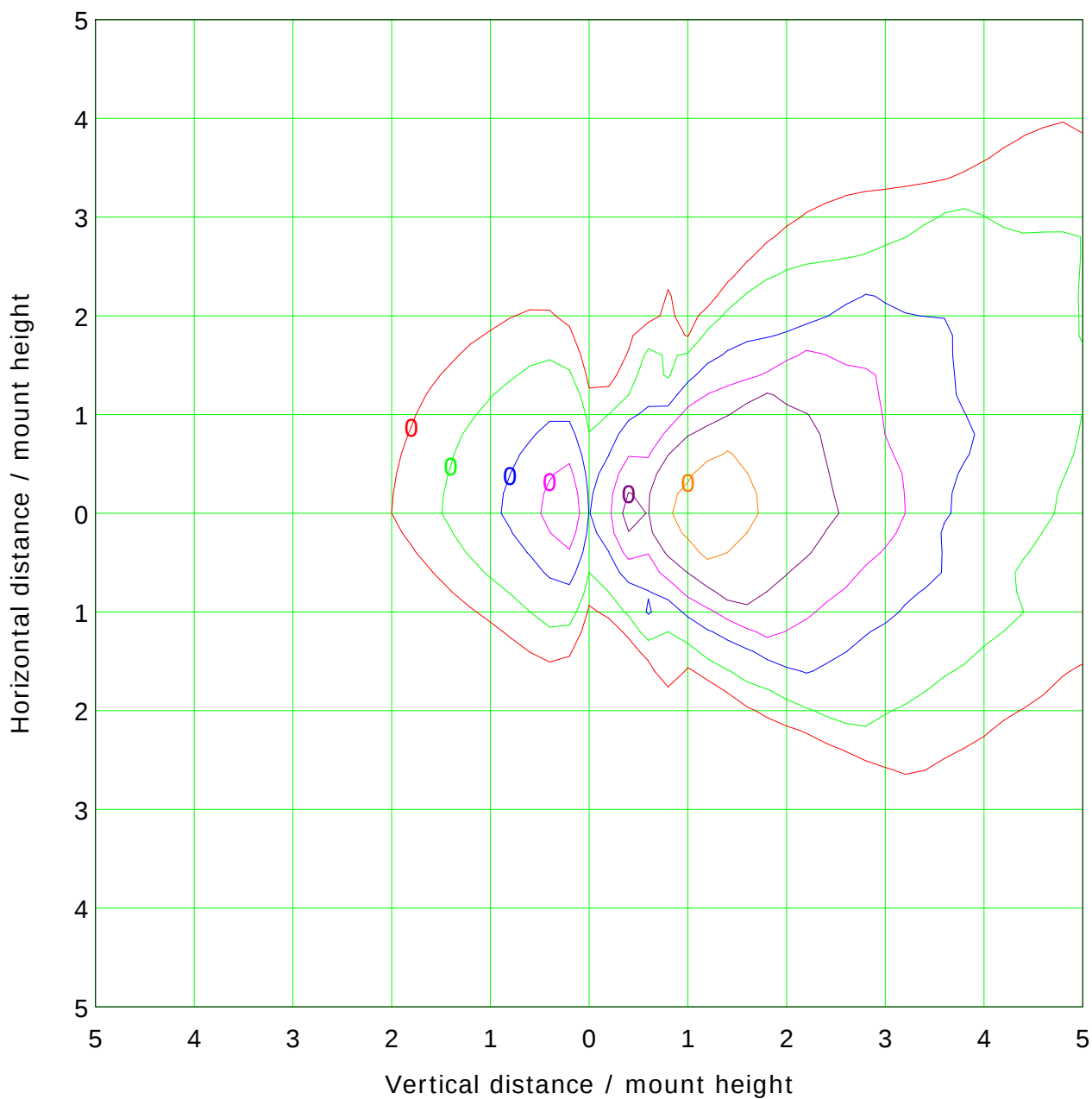
Test Device: GPM-1800B

Distance: 9.950 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 0.4 lx

(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.0 lx	(10%): 0.0 lx
(20%): 0.1 lx	(50%): 0.2 lx
(100%): 0.4 lx	

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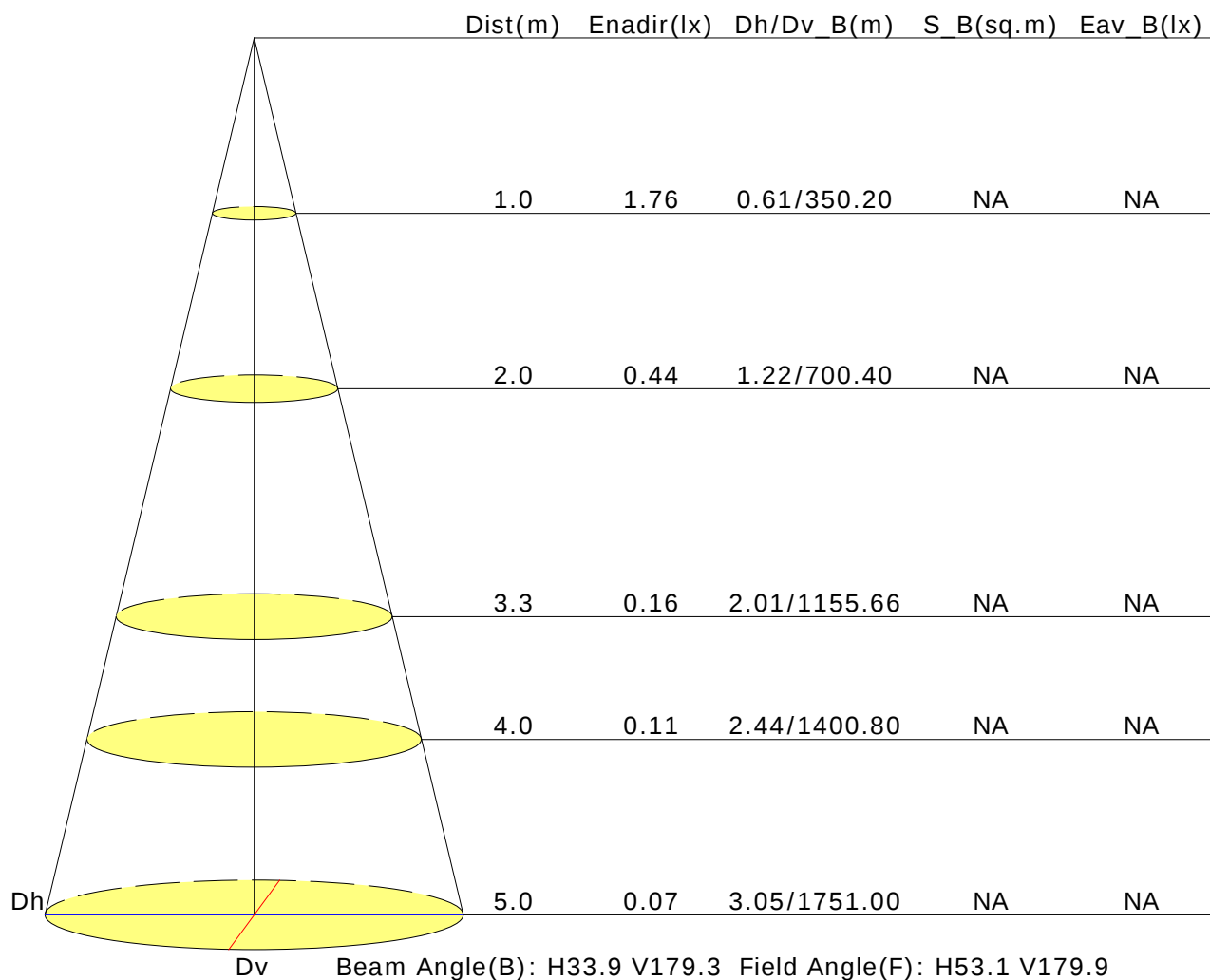
Test Device: GPM-1800B

Distance: 9.950 m

Humidity:

Inspector:

Illuminance at a Distance

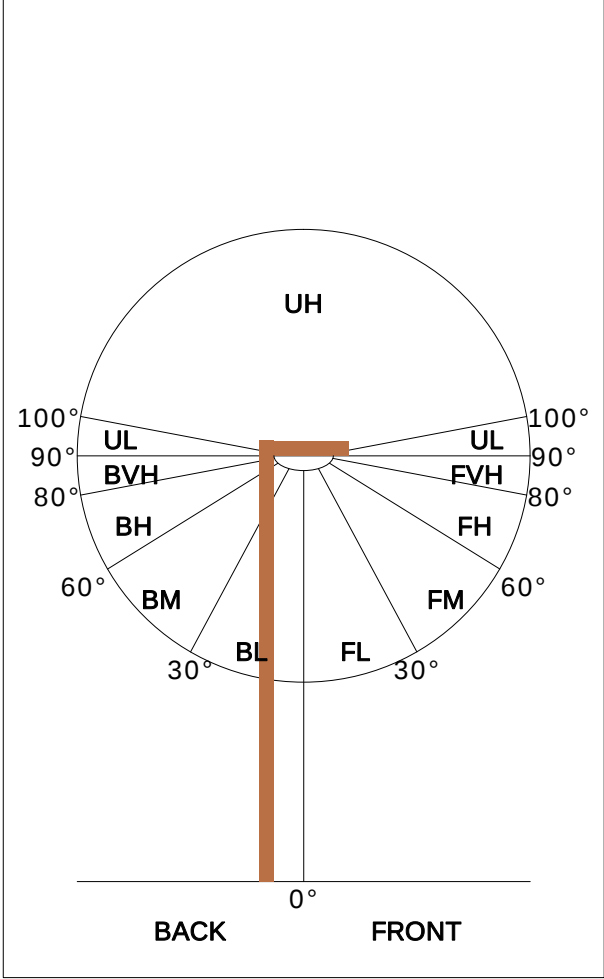




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Test Lab:
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FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	11	9.8
	FL (0°-30°)	2	1.8
	FM (30°-60°)	4	4.0
	FH (60°-80°)	3	2.8
	FVH (80°-90°)	1	1.2
	BACK LIGHT	98	90.4
	BL (0°-30°)	2	1.6
	BM (30°-60°)	31	28.6
	BH (60°-80°)	49	45.0
	BVH (80°-90°)	17	15.2
	UP LIGHT	2	1.6
	UL (90°-100°)	2	1.6
	UH (100°-180°)	0	0.0
	TRAPPED LIGHT	NA	NA

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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Distance: 9.950 m

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