

Report No: ORE LLD T5150

Test Time: 2018/6/4 11:14

Luminaire Property

Luminaire Manufacturer: ORE LIGHTING INC

Luminaire Category: Type V -150W

Lamp Catalog: SMD

Number of LED: 64

Luminous Length (mm): 240mm

Luminous Height (mm): 1.6mm

Current: 0.692 A

Power Factor: 0.993

Luminaire Description: ORE-LLD T5150

Lamp Description: 5050

Lumens per Lamp: 294

Luminous Width (mm): 110mm

Voltage: 219v

Power: 150w

Photometric Results

IES Classification: Type V

Total Rated Lamp Lumens: 18800lm

Efficiency: 93%

Upward Ratio: 0.00%

Central Intensity: 2251 cd

Pos of Max. Intensity: H0 V61

Measurement Flux: 17391lm

Downward Ratio: 93%

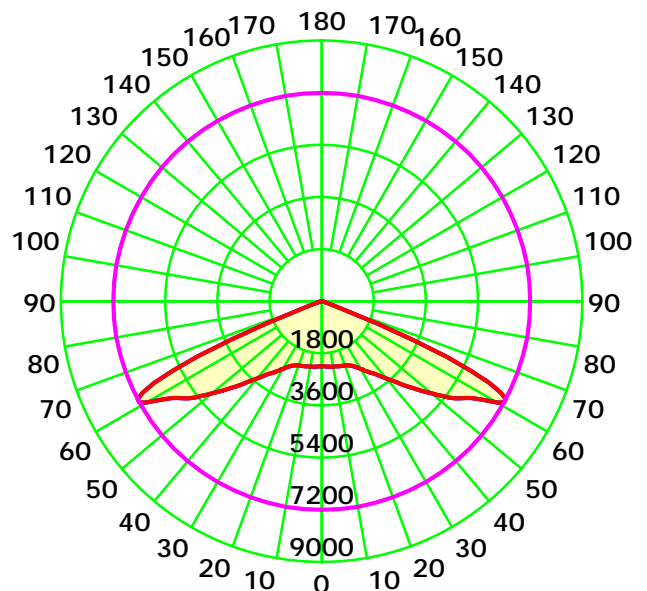
Luminaire Efficacy Rating (LER): 117

Max. Intensity: 7201 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 133.7°

— C0-C180 — C90-C270 — G61

C Plane (°):0.0-0.0: 0.0

Test Lab: ORE

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

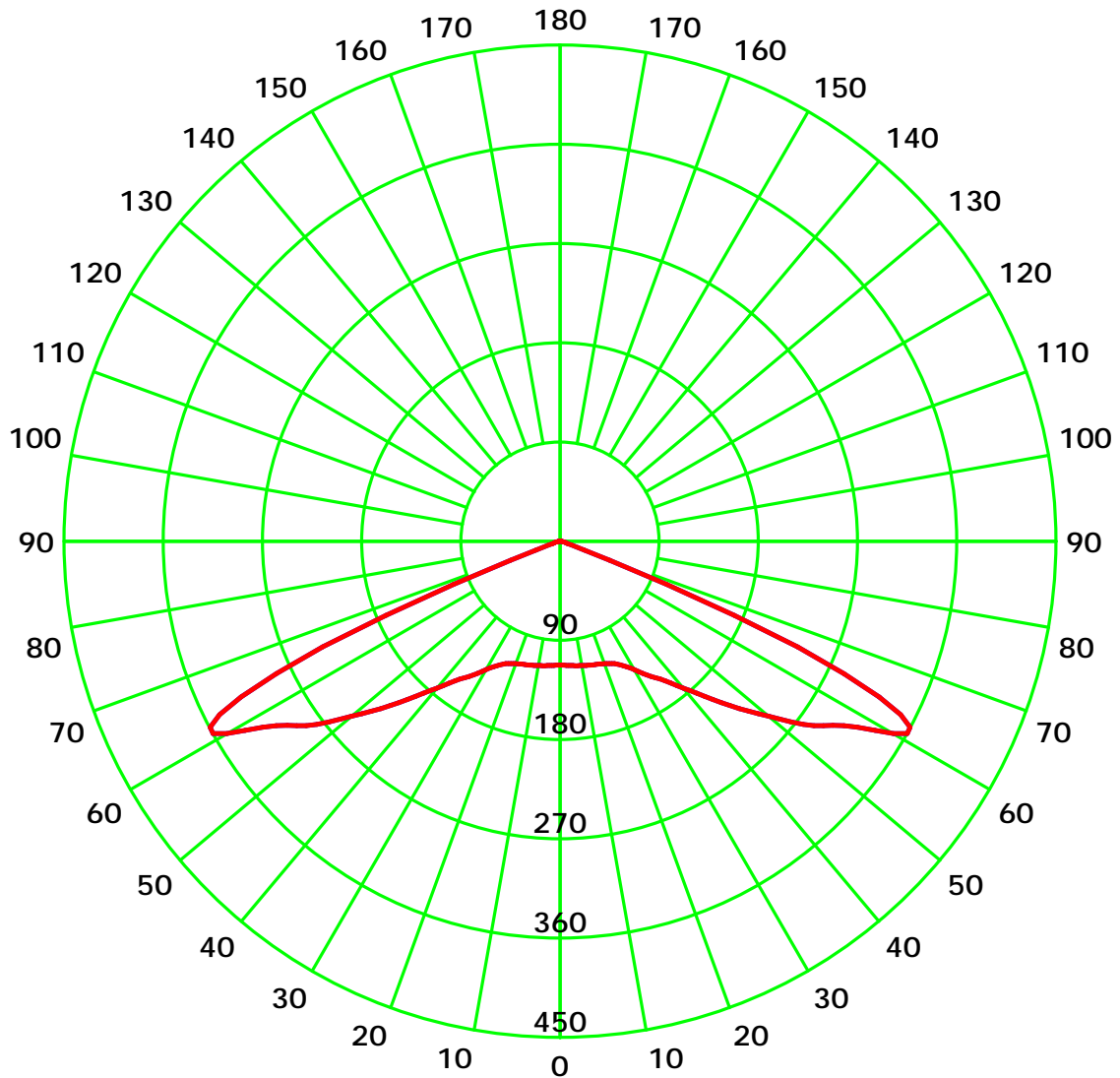
Test Device: GPM-1800B

Distance: 14.835 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd/klm)



cd/klm

— C0-C180

— C90-C270

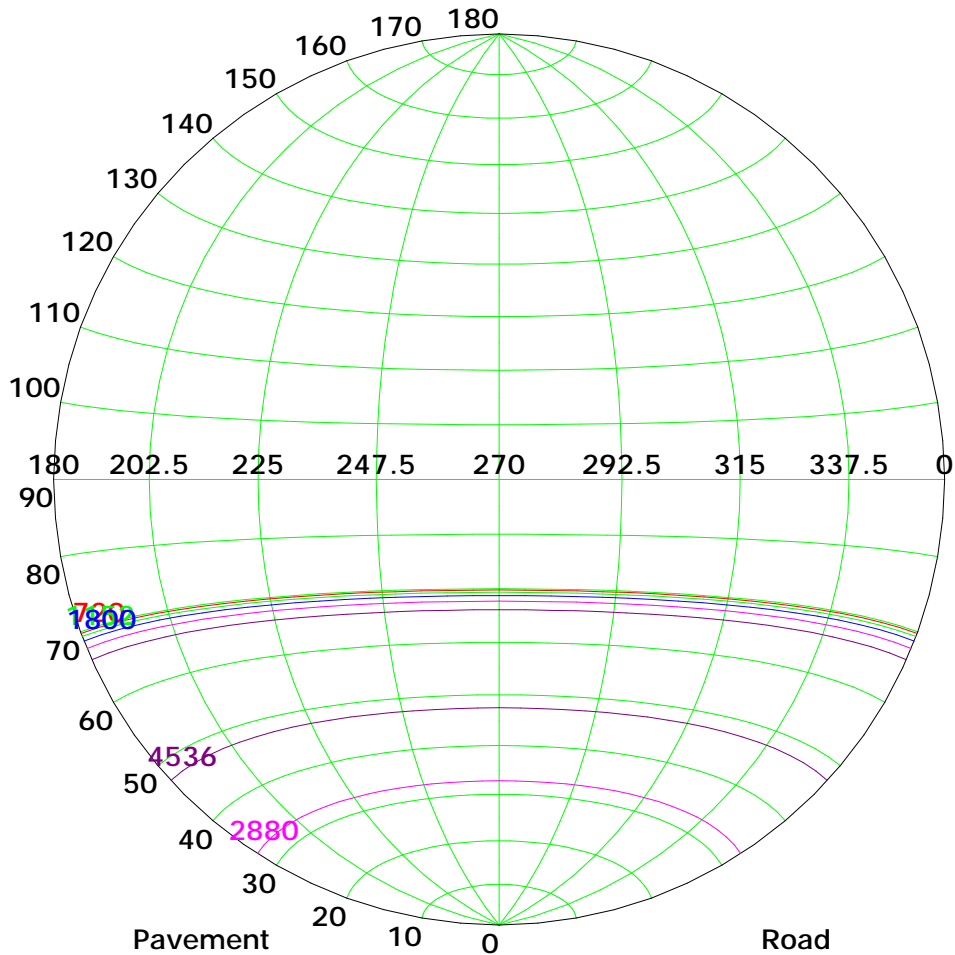
$\eta=92.51\%$

SMD/5050

C Plane (°):0.0-0.0: 0.0
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 Operator:

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 Test Device: GPM-1800B
 Distance: 14.835 m
 Humidity:
 Inspector:

Isocandela (sphere)



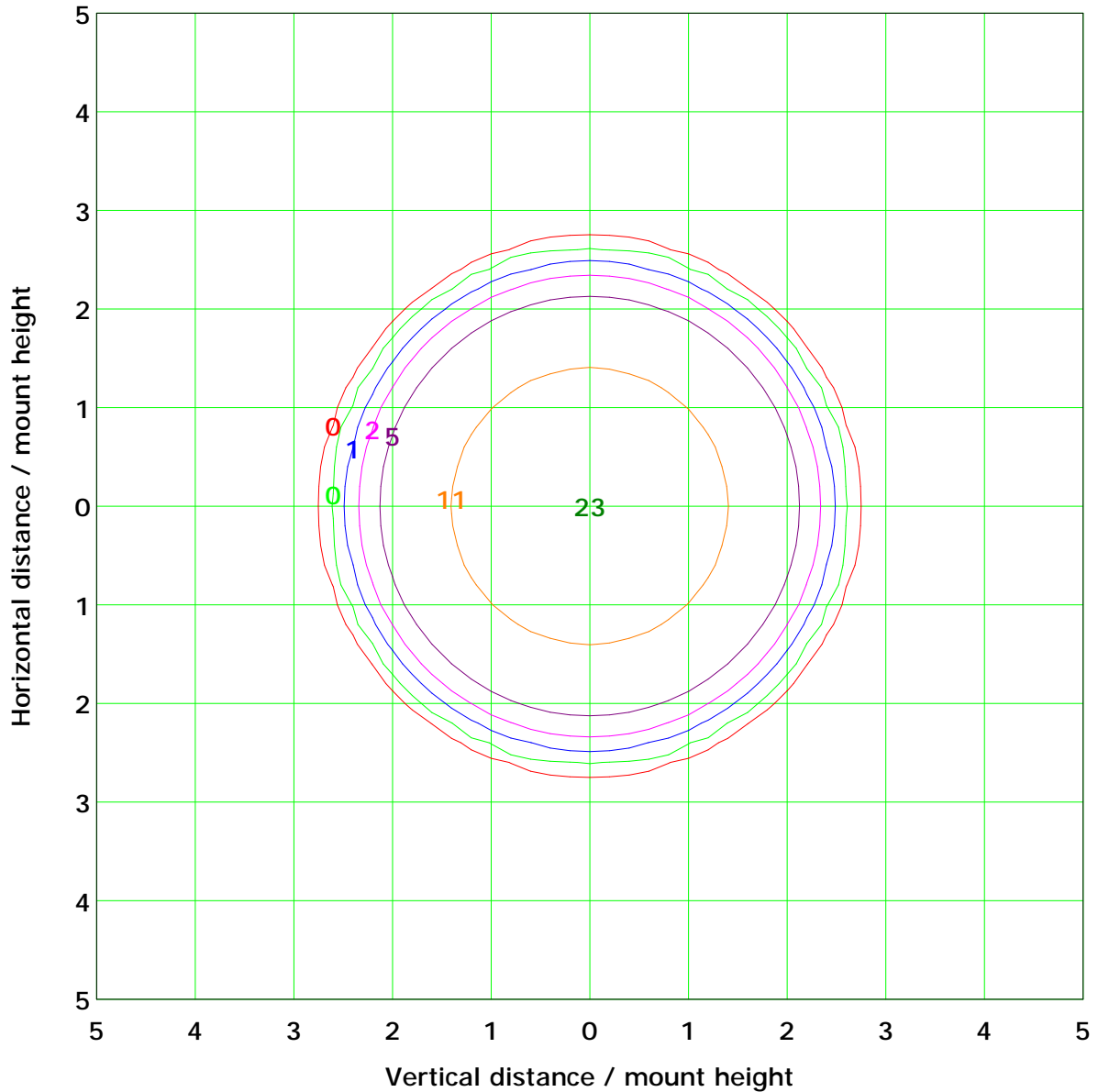
Imax (100%): 7200 cd

— (10%): 720 cd	— (16%): 1152 cd
— (25%): 1800 cd	— (40%): 2880 cd
— (63%): 4536 cd	— (100%): 7200 cd

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 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 22.5 lx

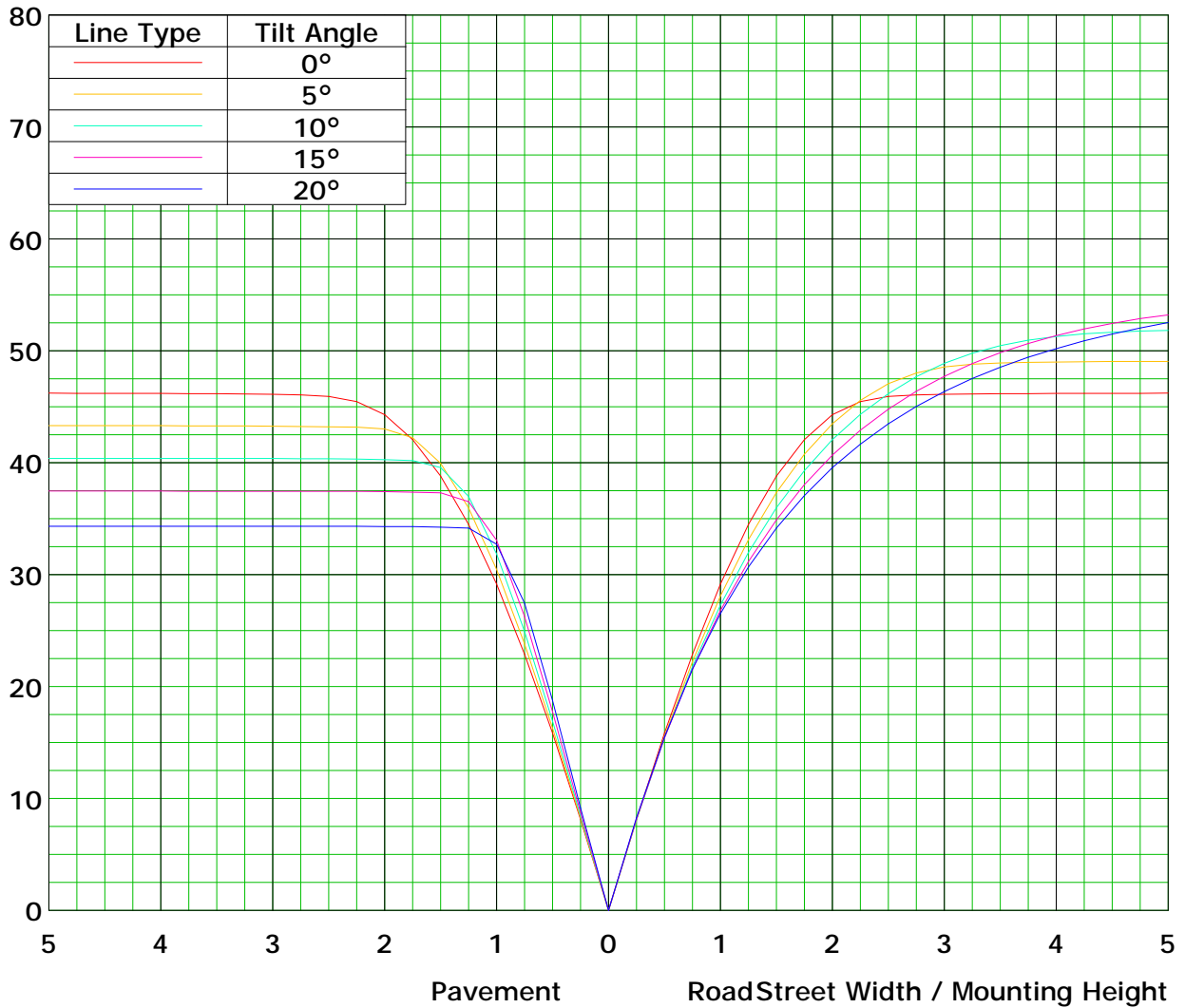
(1%): 0.2 lx	(2%): 0.5 lx
(5%): 1.1 lx	(10%): 2.3 lx
(20%): 4.5 lx	(50%): 11.3 lx
(100%): 22.5 lx	

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 Inspector:

Roadway CU Curve

Efficiency(%)



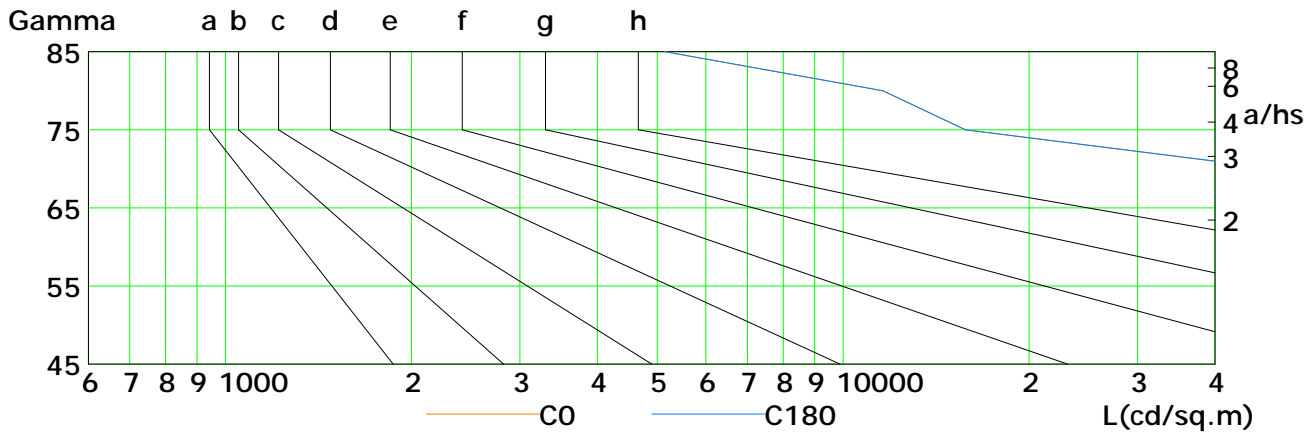
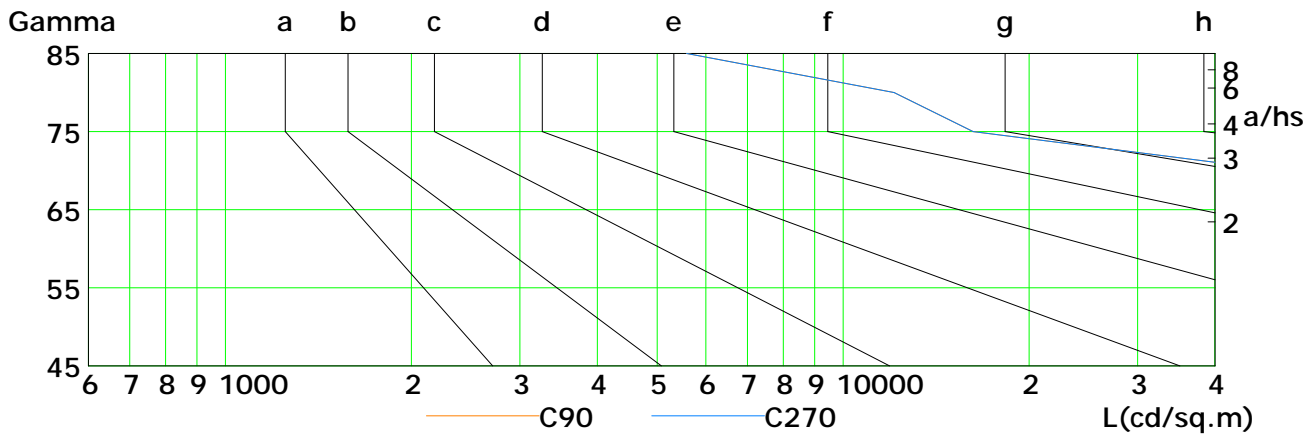
C Plane (°):0.0-0.0: 0.0
 Test Lab: ORE
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 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

a b c d e f g h

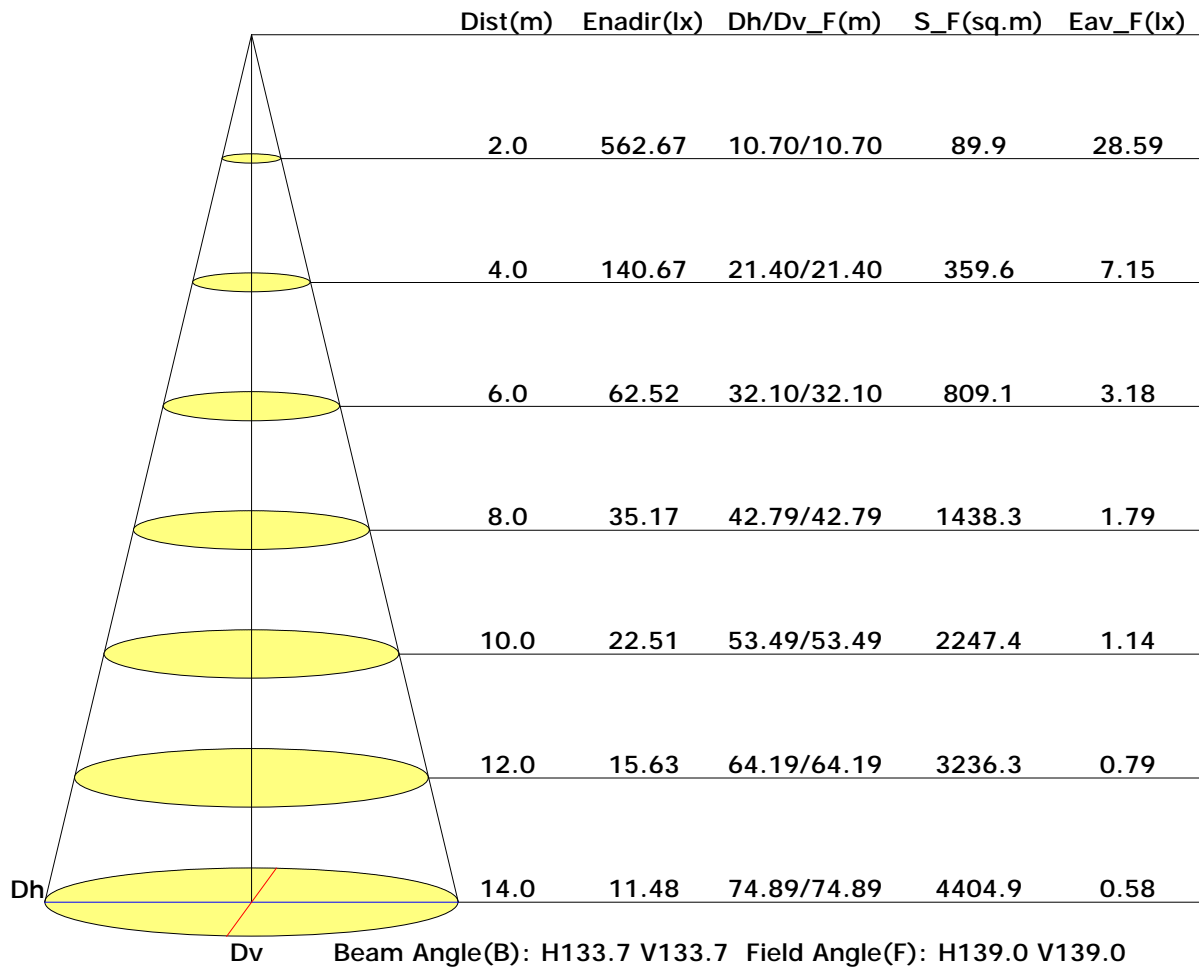


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	218618	286112	377584	515917	494130	50407	15779	11597	5150
C90	220329	288777	381793	522877	502362	51478	16232	12096	5581
C180	218618	286112	377584	515917	494130	50407	15779	11597	5150
C270	220329	288777	381793	522877	502362	51478	16232	12096	5581

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 Test Device: GPM-1800B
 Distance: 14.835 m
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 Inspector:

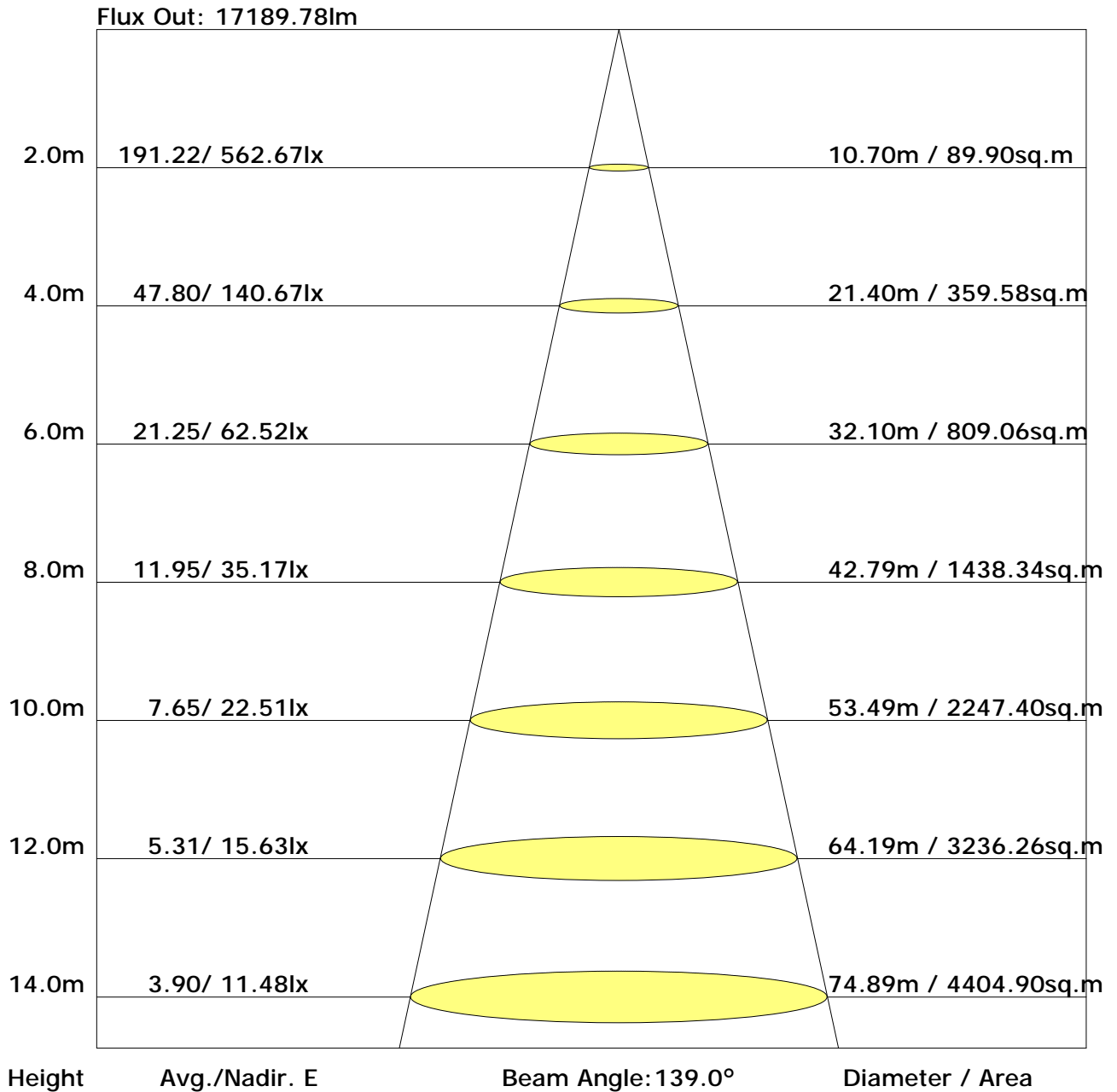
Illuminance at a Distance



C Plane (°):0.0-0.0: 0.0
 Test Lab: ORE
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 14.835 m
 Humidity:
 Inspector:

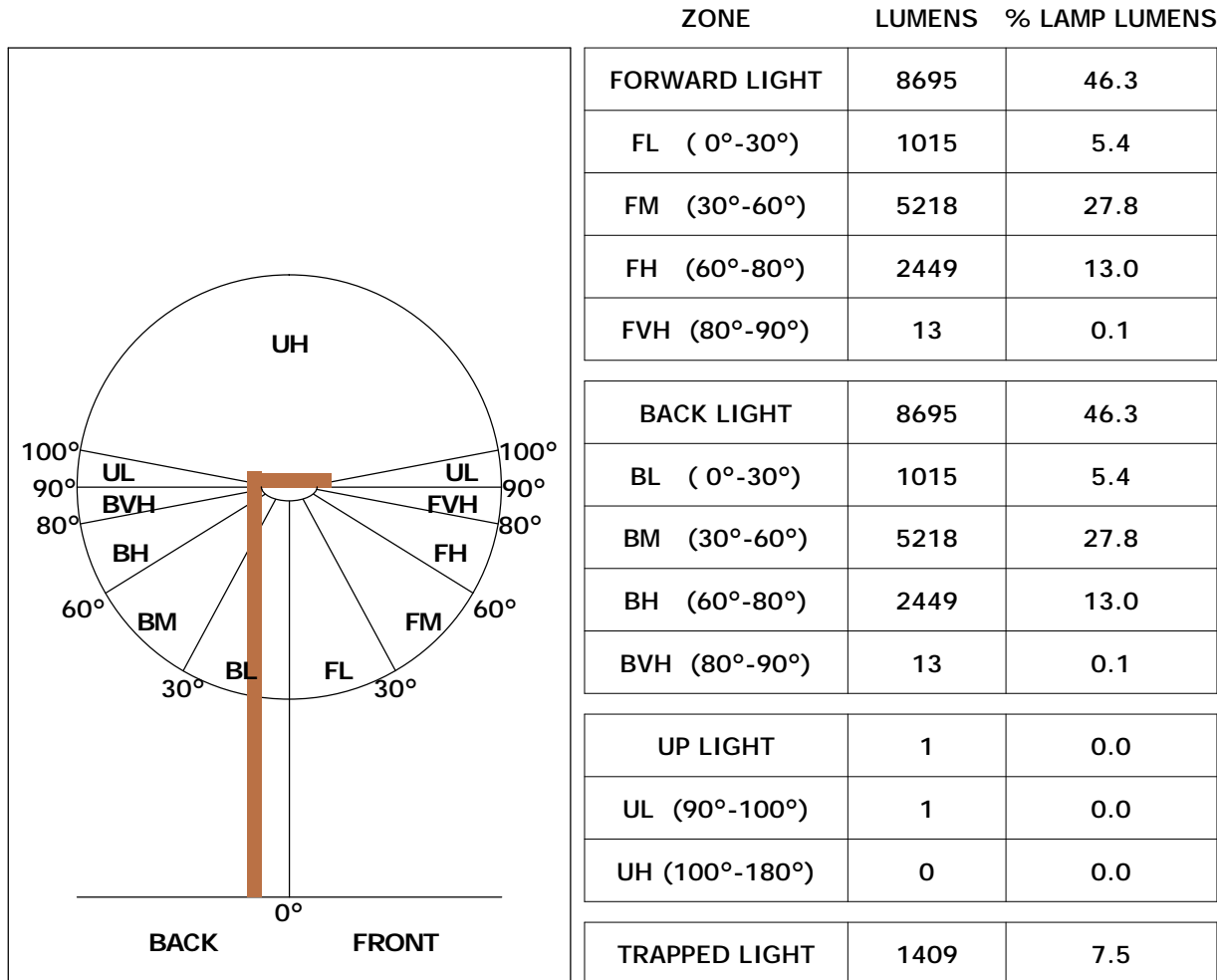
The Average Illuminance Effective Figure



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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)	B4 U1 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B4 U1 G2

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