

Report No.: WPL-150w

Test Time: 2018/12/10 14:25

## Luminaire Property

Luminaire Manufacturer: ORE LIGHTING INC  
 Luminaire Category: WPL  
 Lamp Catalog: SMD  
 Number of Lamps: 2  
 Luminous Length (mm): 240mm  
 Luminous Height (mm): 1.6mm  
 Current: 0.720 A  
 Power Factor: 0.993

Luminaire Description: ORE-WPL150  
 Lamp Description: 5050  
 Lumens per Lamp: 10300/75w  
 Luminous Width (mm): 140mm  
 Voltage: 218.6 V  
 Power: 153.90 W

## Photometric Results

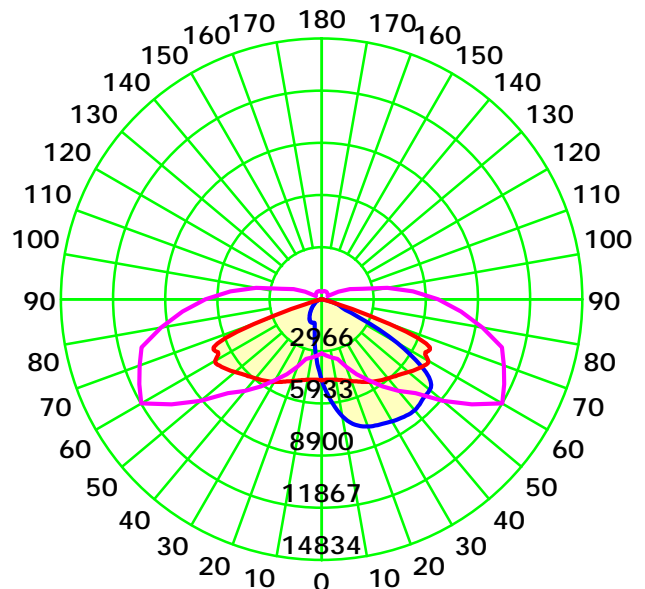
IES Classification: Type III  
 Total Rated Lamp Lumens: 20600 lm  
 Efficiency: 94.88%  
 Upward Ratio: 0.00%  
 Central Intensity: 4605.94 cd  
 Pos of Max. Intensity: H60 V63

Longitudinal Classification: Short  
 Measurement Flux: 19544.9 lm  
 Downward Ratio: 94.88%  
 Luminaire Efficacy Rating (LER): 127.05  
 Max. Intensity: 11867.95 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

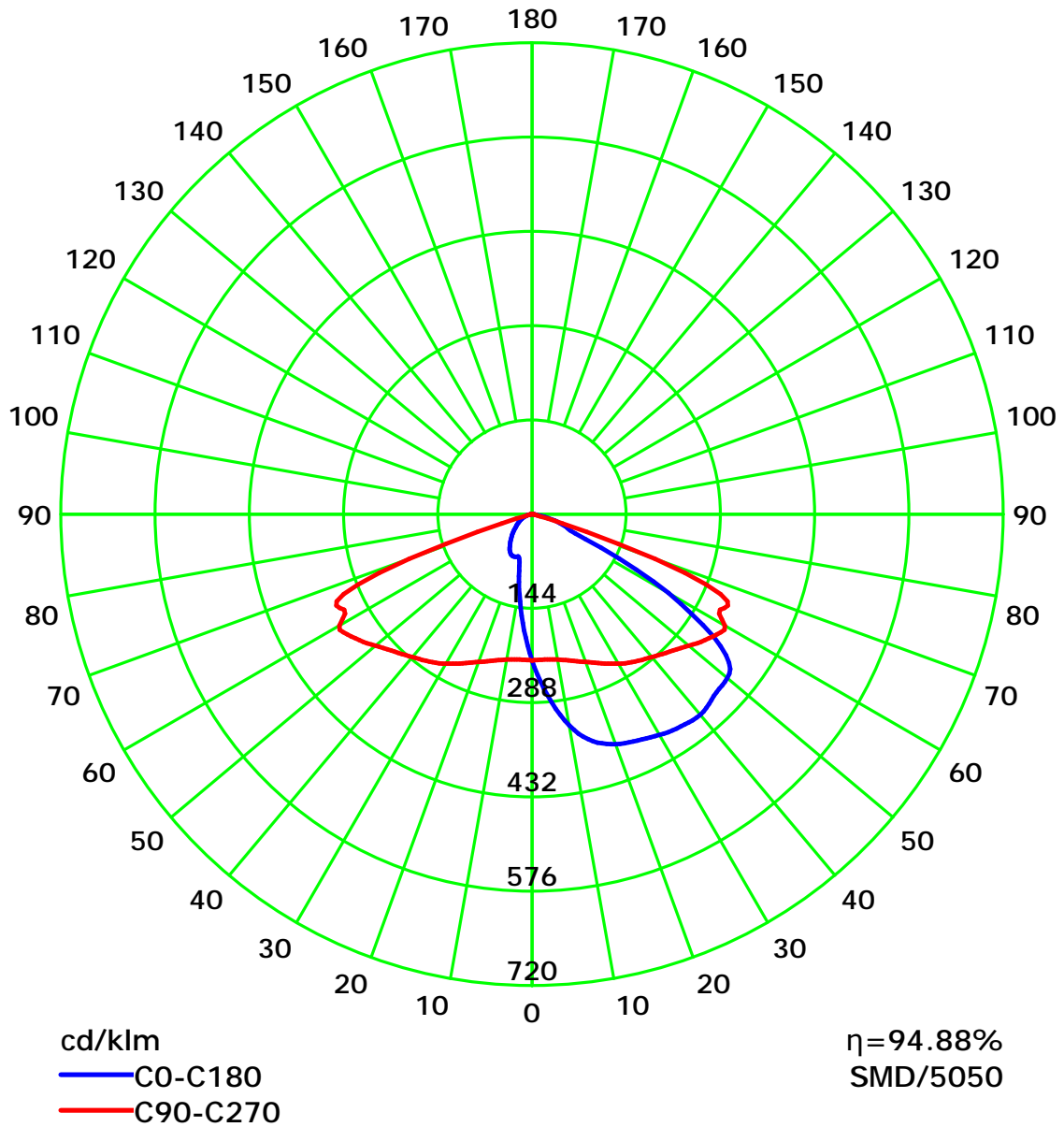
Average Diffuse Angle(50%): 102.2°

— C0-C180 — C90-C270 — G63

C Plane (°):0.0-180.0: 15.0  
 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:

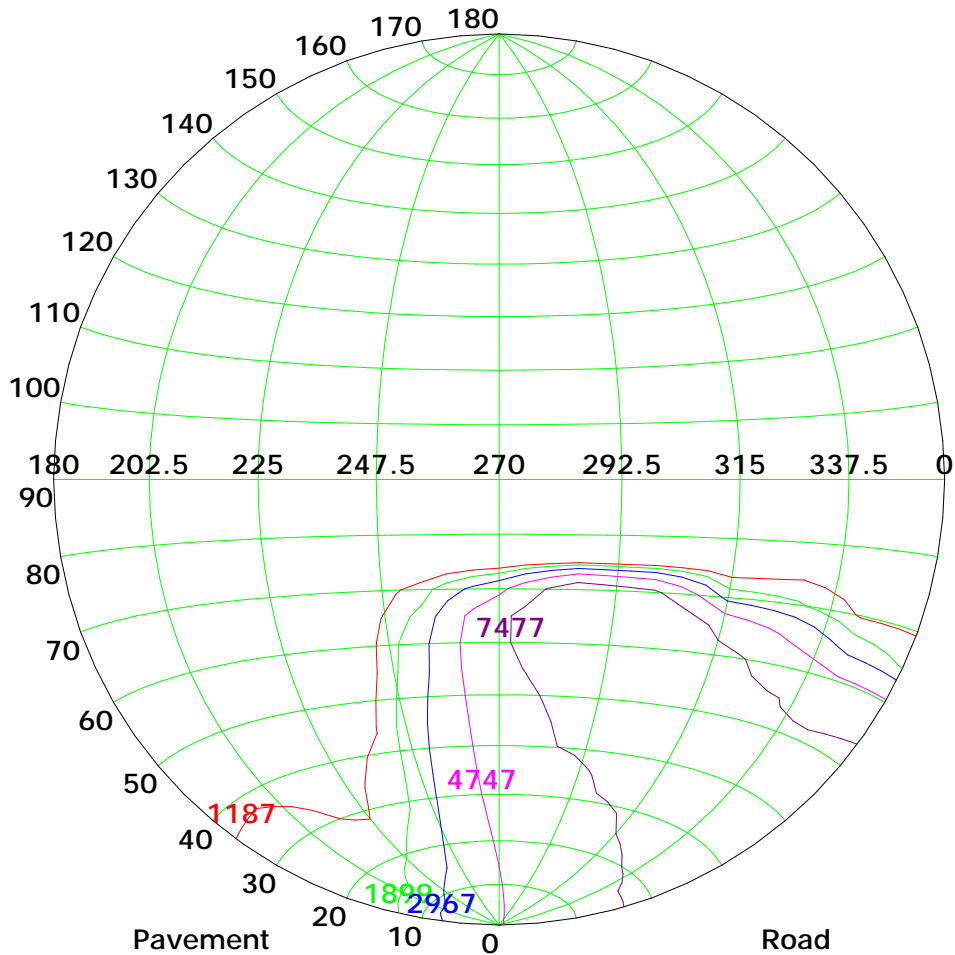
## Luminous Intensity Distribution Curve(cd/klm)



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## Isocandela (sphere)



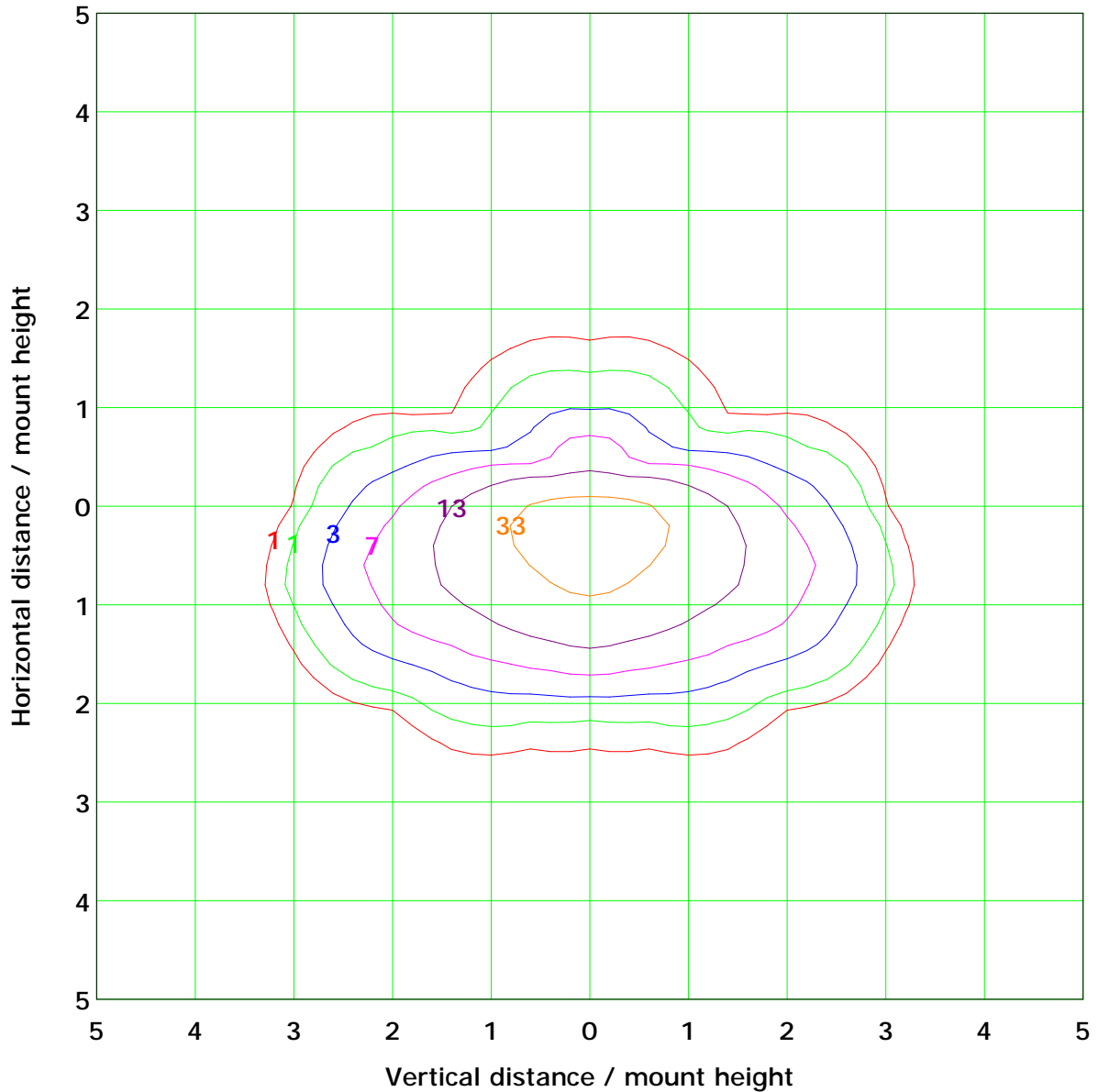
Imax (100%): 11868 cd

- |                   |                    |
|-------------------|--------------------|
| — ( 10%): 1187 cd | — ( 16%): 1899 cd  |
| — ( 25%): 2967 cd | — ( 40%): 4747 cd  |
| — ( 63%): 7477 cd | — (100%): 11868 cd |

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 Inspector:

## IsoLux Plot



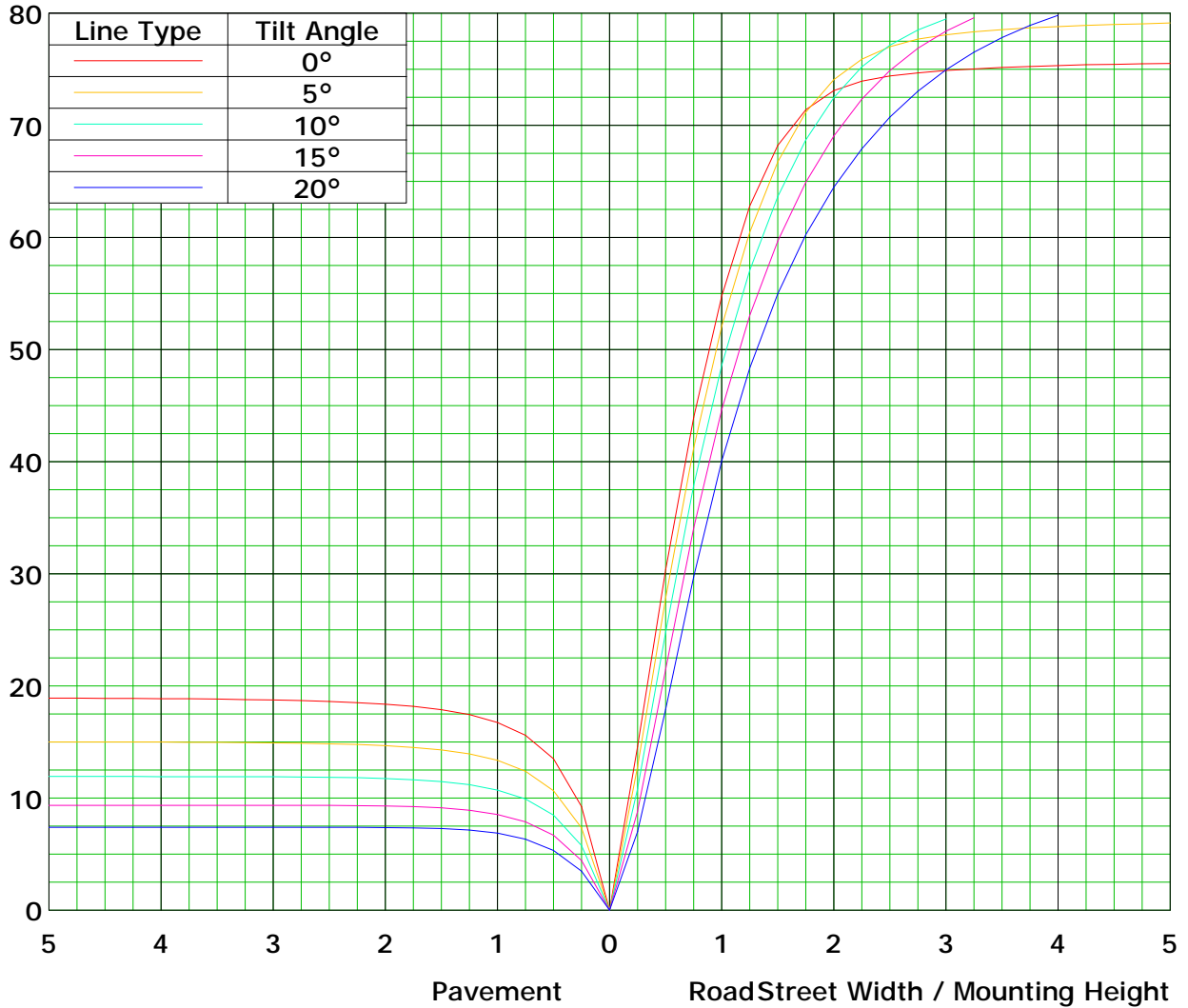
Mounting Height: 10.0m    Max Lux(100%): 66.7 lx	
— ( 1%): 0.7 lx	— ( 2%): 1.3 lx
— ( 5%): 3.3 lx	— ( 10%): 6.7 lx
— ( 20%): 13.3 lx	— ( 50%): 33.3 lx
— (100%): 66.7 lx	

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## Roadway CU Curve

Efficiency(%)



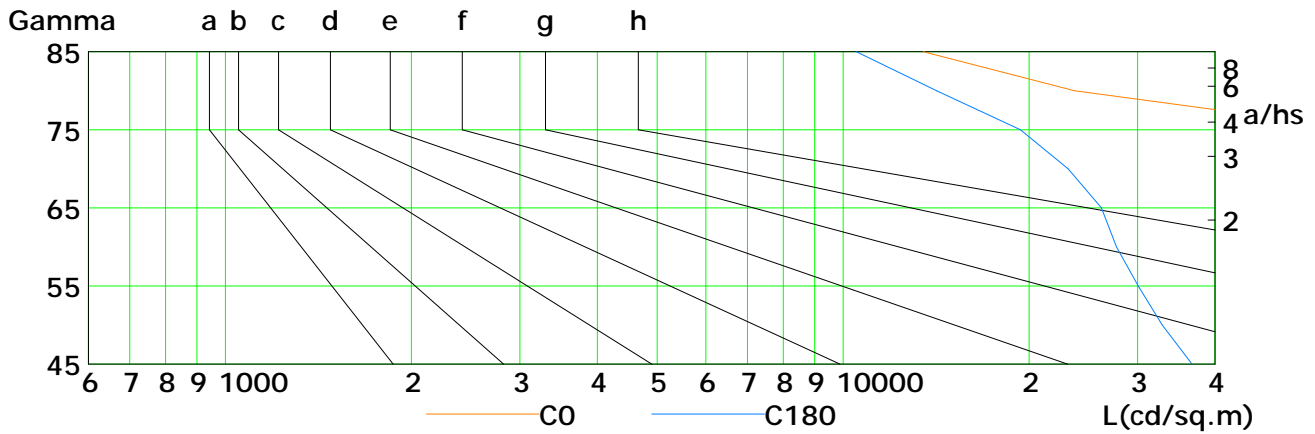
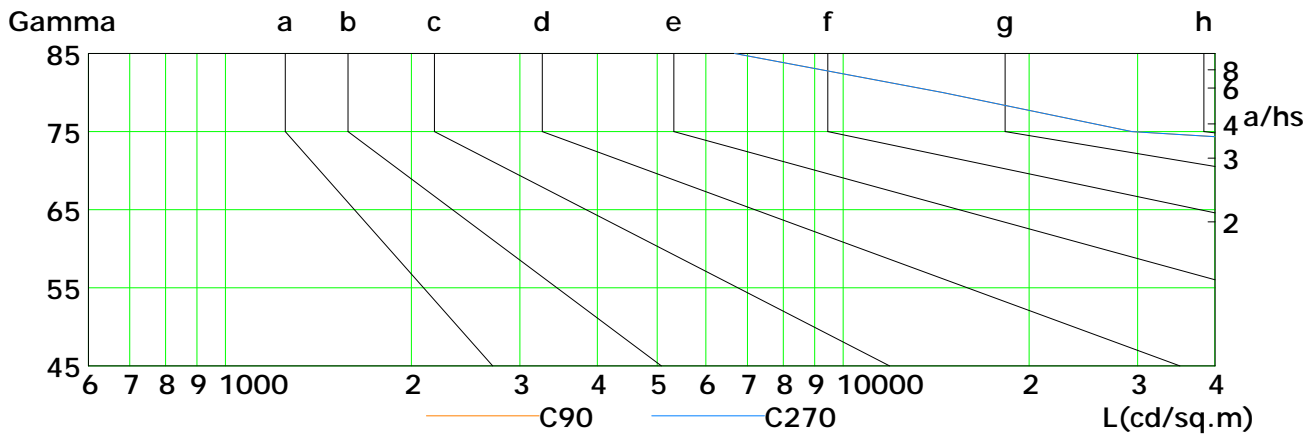
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## Lum Limit Curve

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

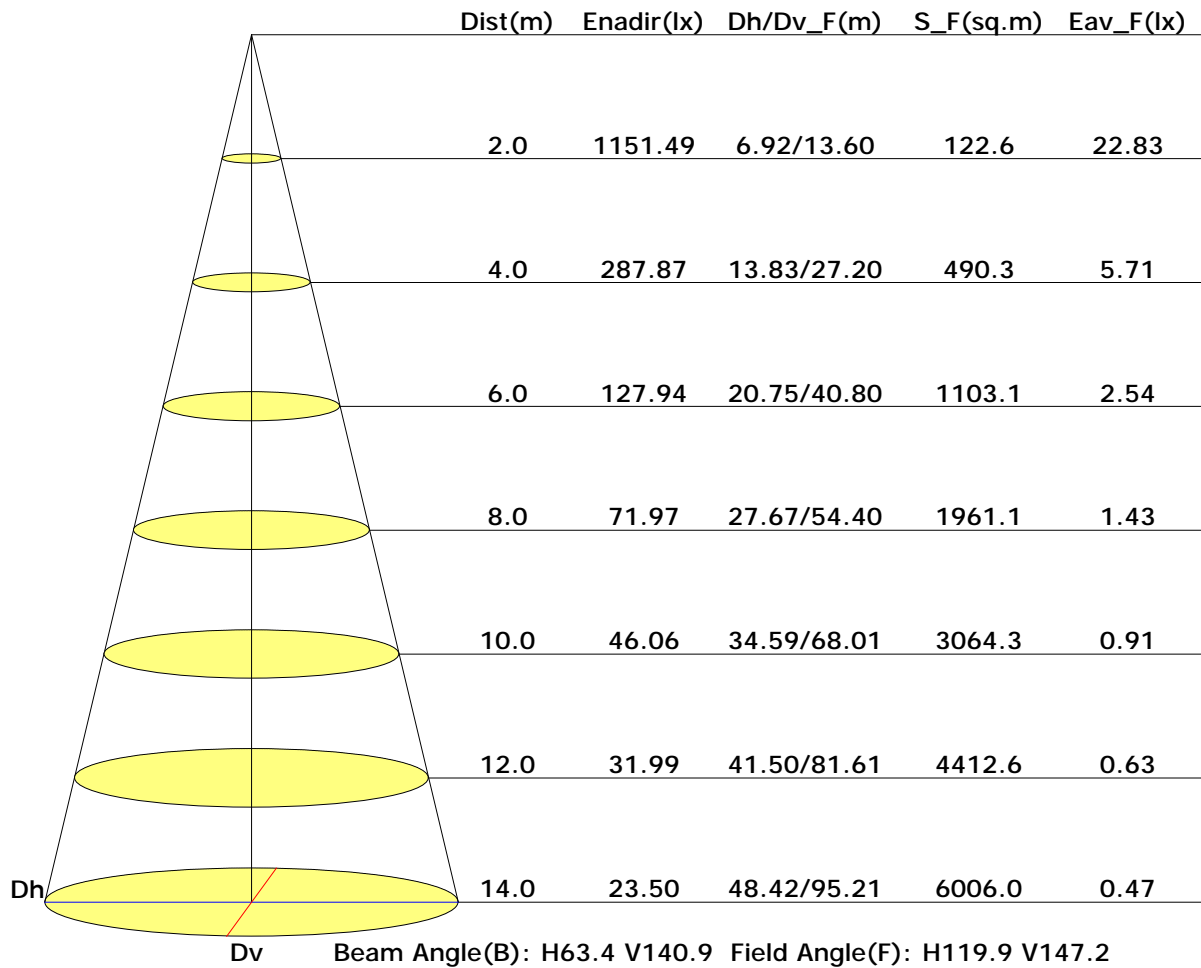


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	336933	366653	370023	290087	127212	92743	70943	23693	13488
C90	255932	295886	349830	412463	472454	352058	29339	14505	6673
C180	36740	32861	30045	27724	26195	23135	19370	14180	10508
C270	255932	295886	349830	412463	472454	352058	29339	14505	6673

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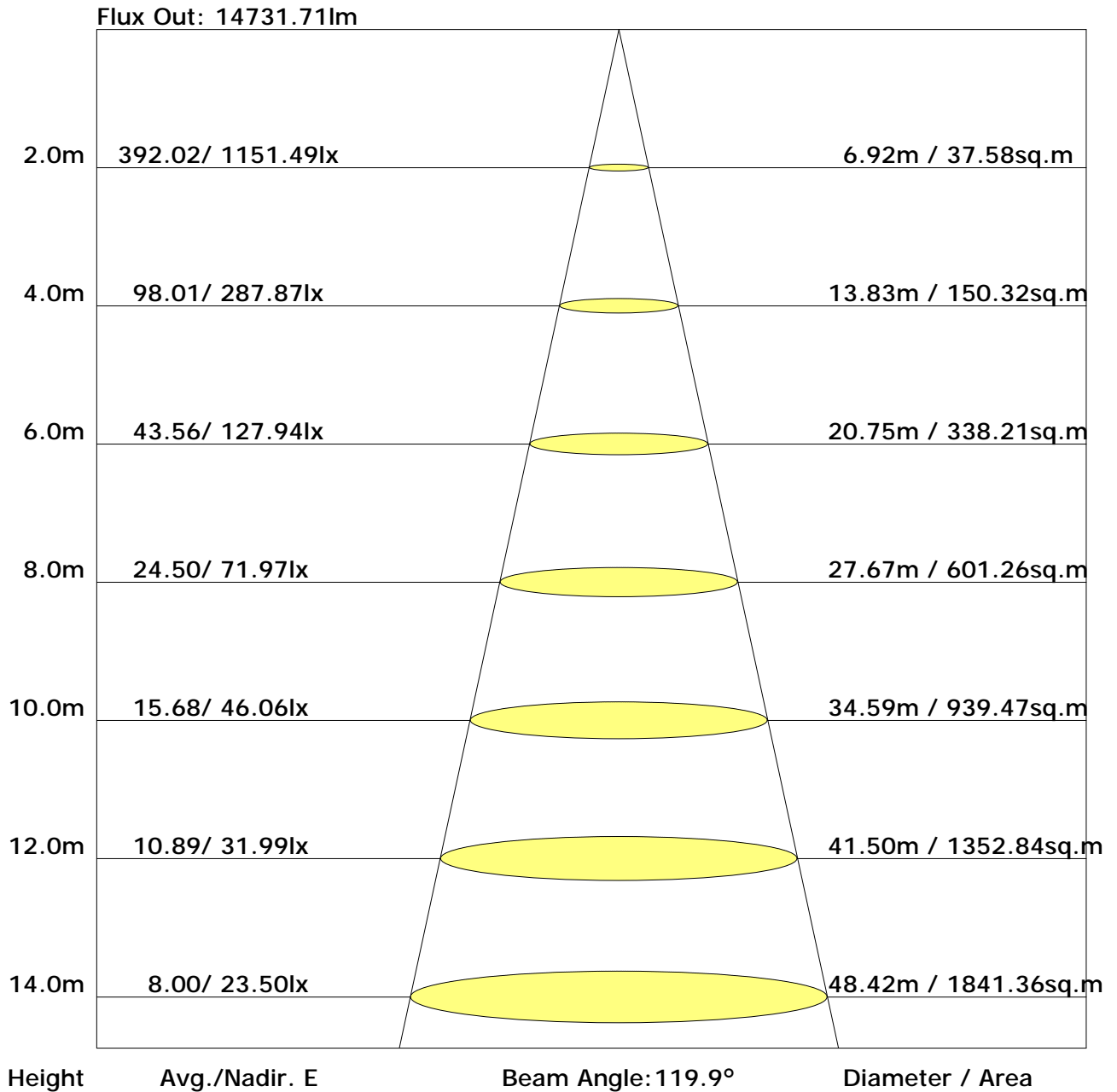
## Illuminance at a Distance



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 Test Type: TYPE C  
 Temperature:  
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 Humidity:  
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## The Average Illuminance Effective Figure

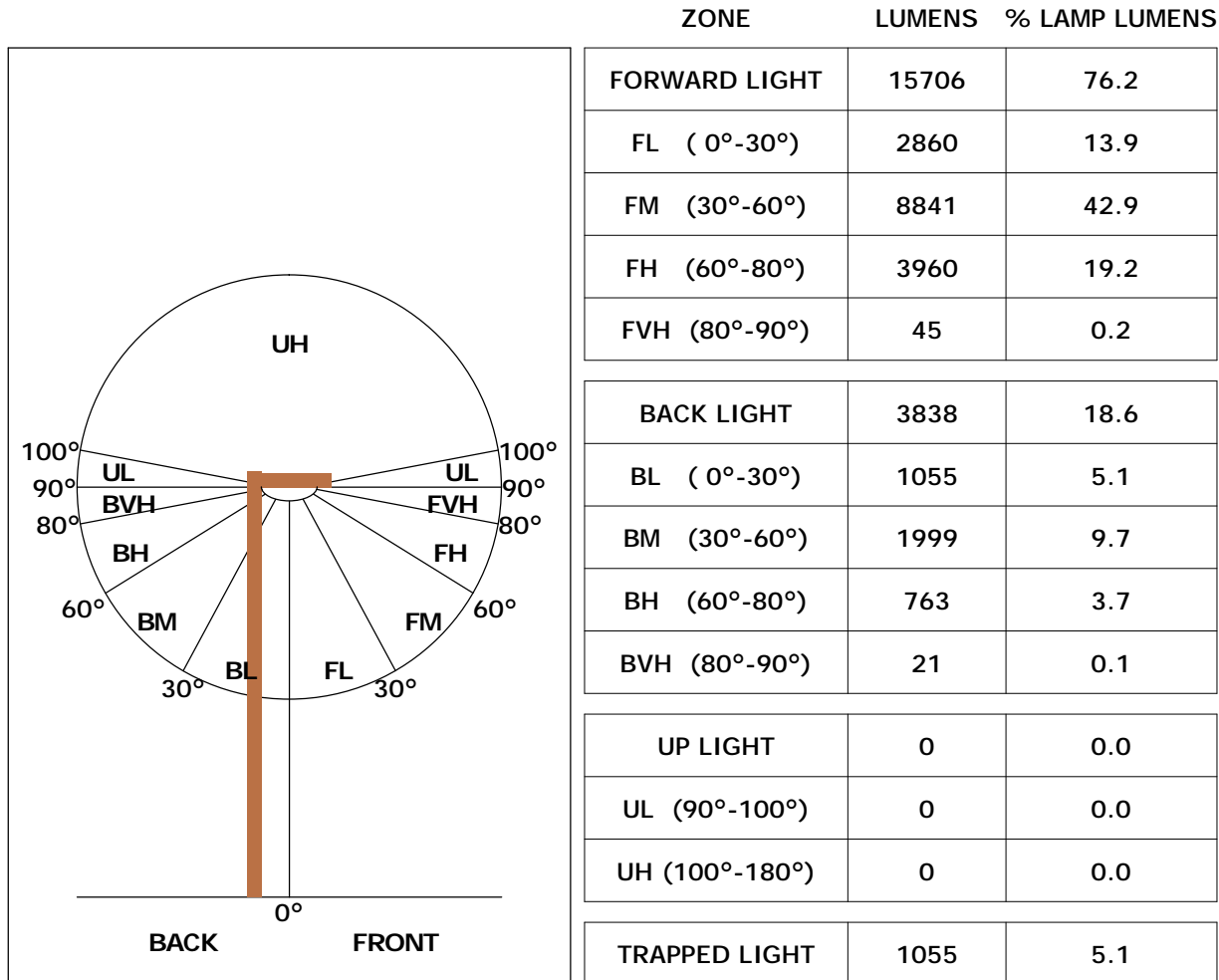


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**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U1 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U1 G2

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