

Report No.: WPL-75W

Test Time: 2018/12/8 16:22

Luminaire Property

Luminaire Manufacturer: ORE LIGHTING INC

Luminaire Category: Wallpack

Lamp Catalog: SMD

Number of Lamps: 1

Luminous Length (mm): 240mm

Luminous Height (mm): 1.6mm

Current: 0.353 A

Power Factor: 0.986

Luminaire Description: WPL-75W

Lamp Description: 5050

Lumens per Lamp: 9650/75w

Luminous Width (mm): 140mm

Voltage: 218.8 V

Power: 75.30 W

Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 9650 lm

Efficiency: 92.17%

Upward Ratio: 0.00%

Central Intensity: 2127 cd

Pos of Max. Intensity: H70 V71

Longitudinal Classification: Medium

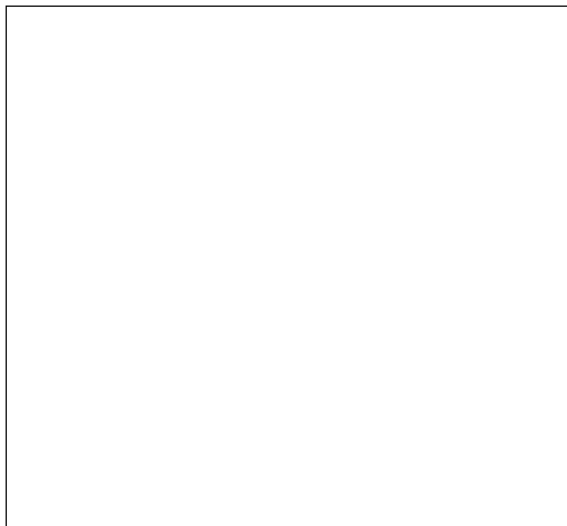
Measurement Flux: 8894.4 lm

Downward Ratio: 92.17%

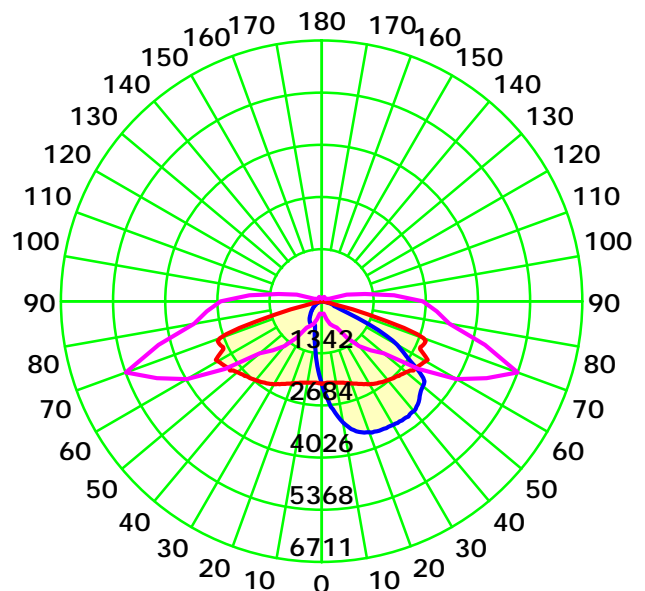
Luminaire Efficacy Rating (LER): 118.17

Max. Intensity: 5368.89 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 105.6°

— C0-C180 — C90-C270 — G71

C Plane (°):0.0-180.0: 10.0

Test Lab: ORE

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0: 1.0

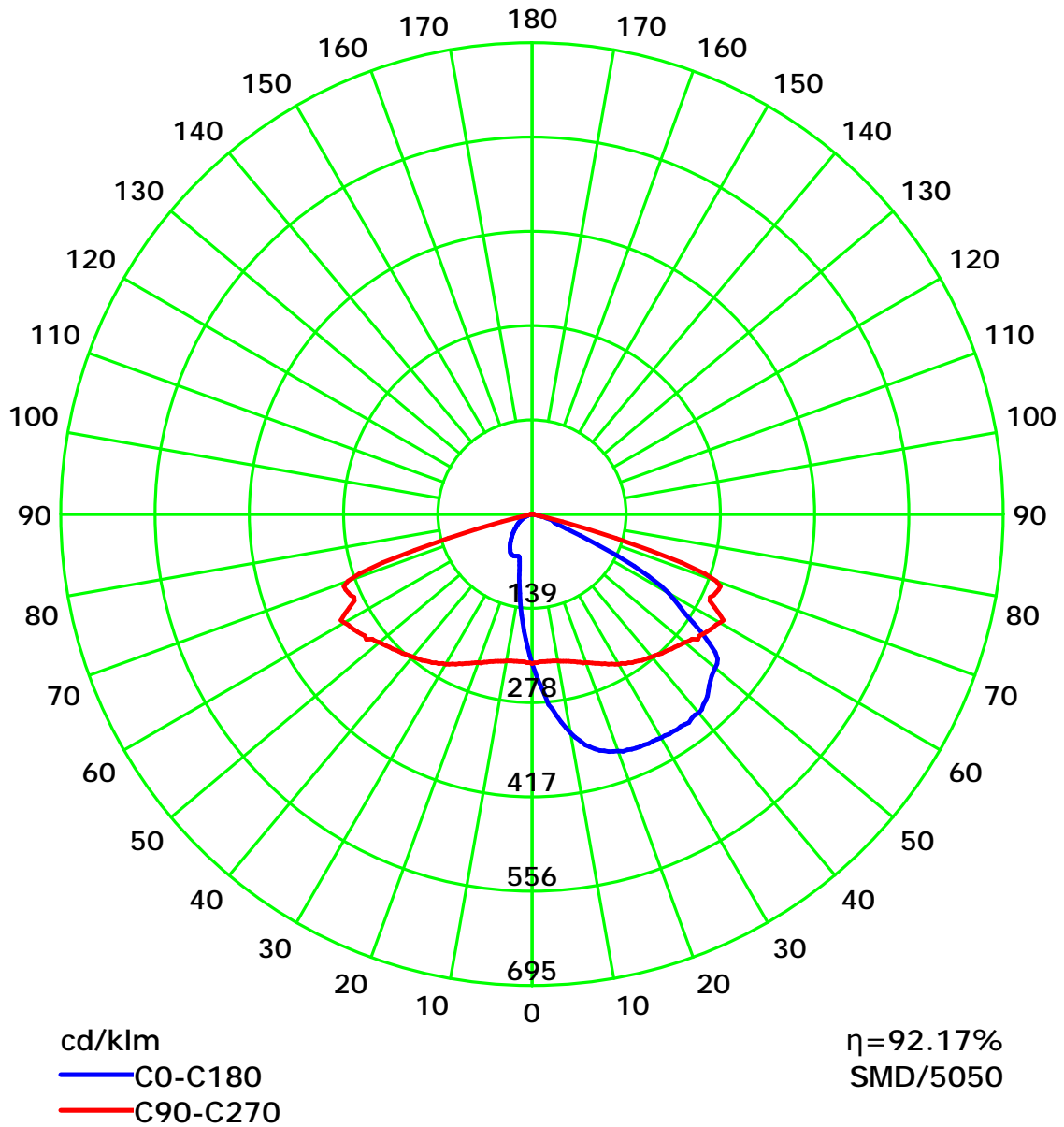
Test Device: GPM-1800B

Distance: 14.835 m

Humidity:

Inspector:

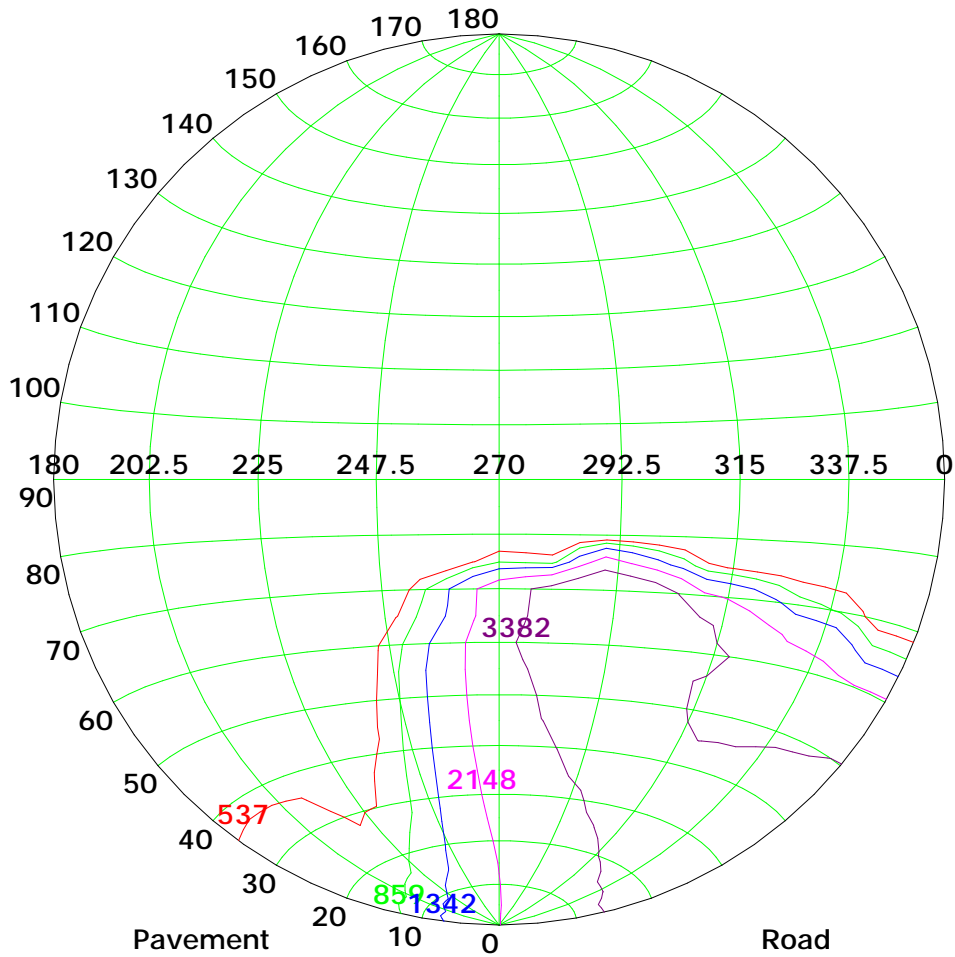
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-180.0: 10.0
 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:

Isocandela (sphere)



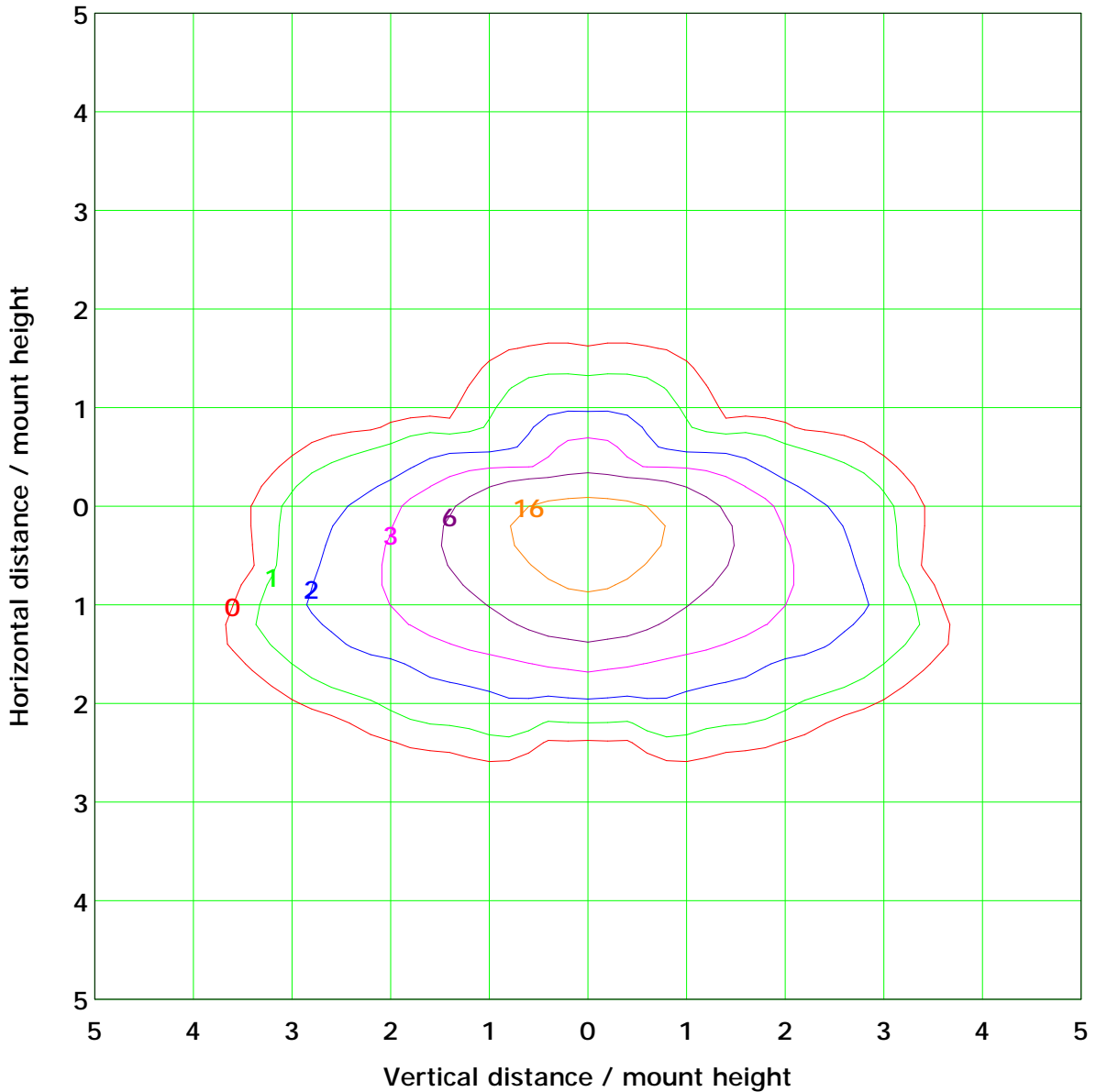
I_{max} (100%): 5369 cd

— (10%): 537 cd	— (16%): 859 cd
— (25%): 1342 cd	— (40%): 2148 cd
— (63%): 3382 cd	— (100%): 5369 cd

C Plane (°):0.0-180.0: 10.0
 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:

IsoLux Plot



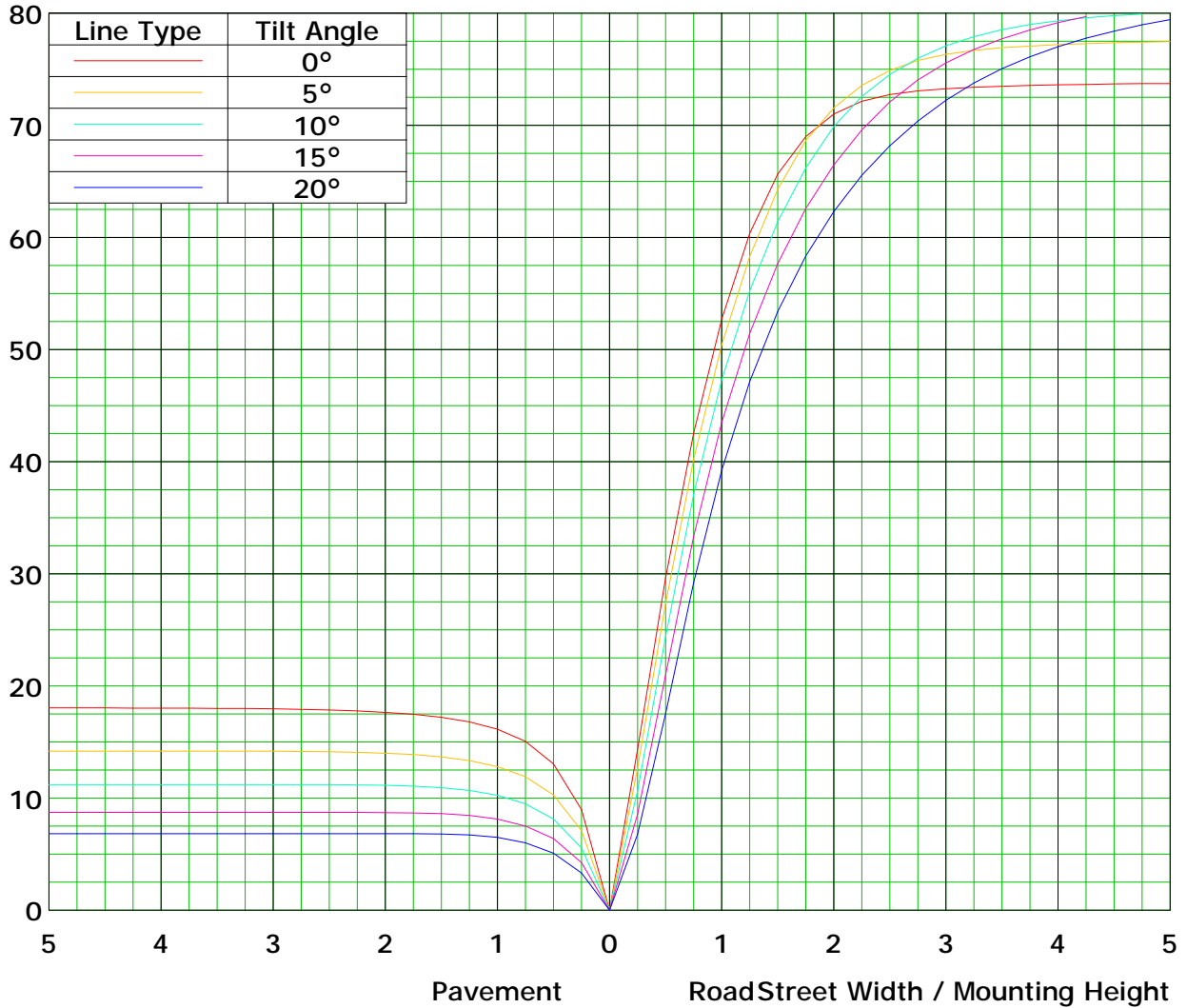
Mounting Height: 10.0m Max Lux(100%): 31.5 lx	
<ul style="list-style-type: none"> — (1%): 0.3 lx — (5%): 1.6 lx — (20%): 6.3 lx — (100%): 31.5 lx 	<ul style="list-style-type: none"> — (2%): 0.6 lx — (10%): 3.2 lx — (50%): 15.8 lx

C Plane (°):0.0-180.0: 10.0
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 Test Type: TYPE C
 Temperature:
 Operator:

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

Roadway CU Curve

Efficiency(%)



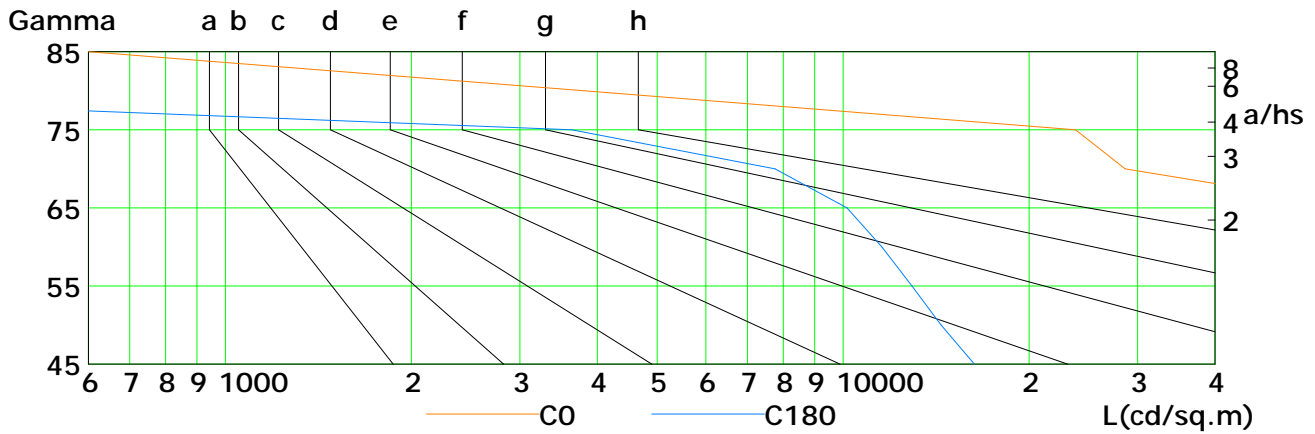
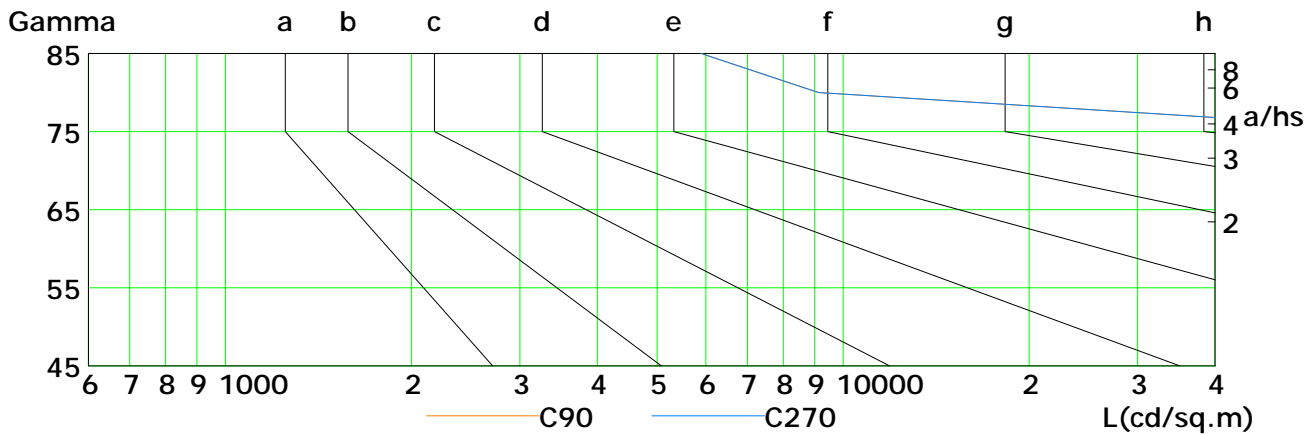
C Plane (°):0.0-180.0: 10.0
 Test Lab: ORE
 Test Type: TYPE C
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 Operator:

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

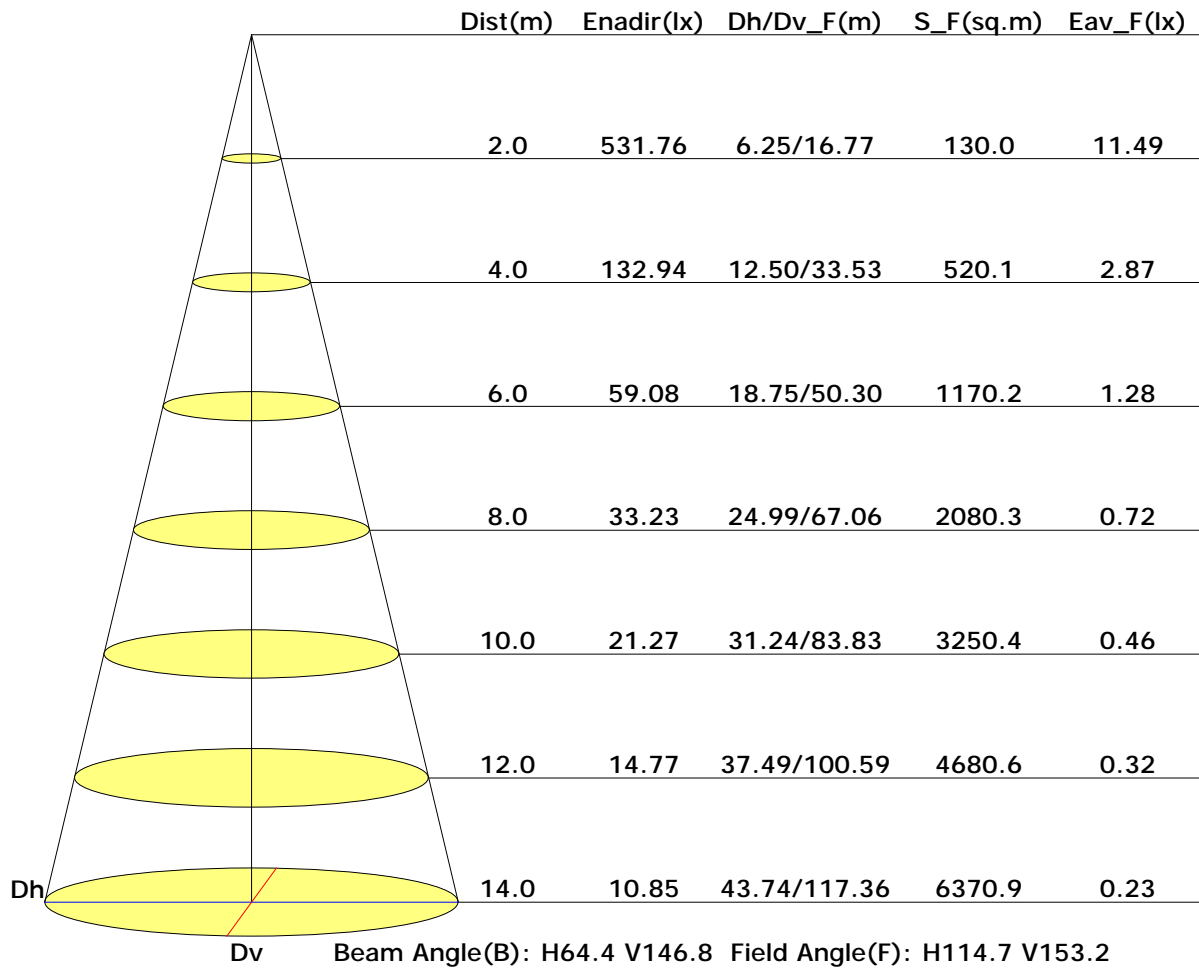


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	147826	155546	151280	131202	70163	28613	23802	3806	0
C90	114405	130548	152903	182022	194385	238347	92803	9125	5889
C180	16311	14419	12933	11556	10147	7764	3636	89	0
C270	114405	130548	152903	182022	194385	238347	92803	9125	5889

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

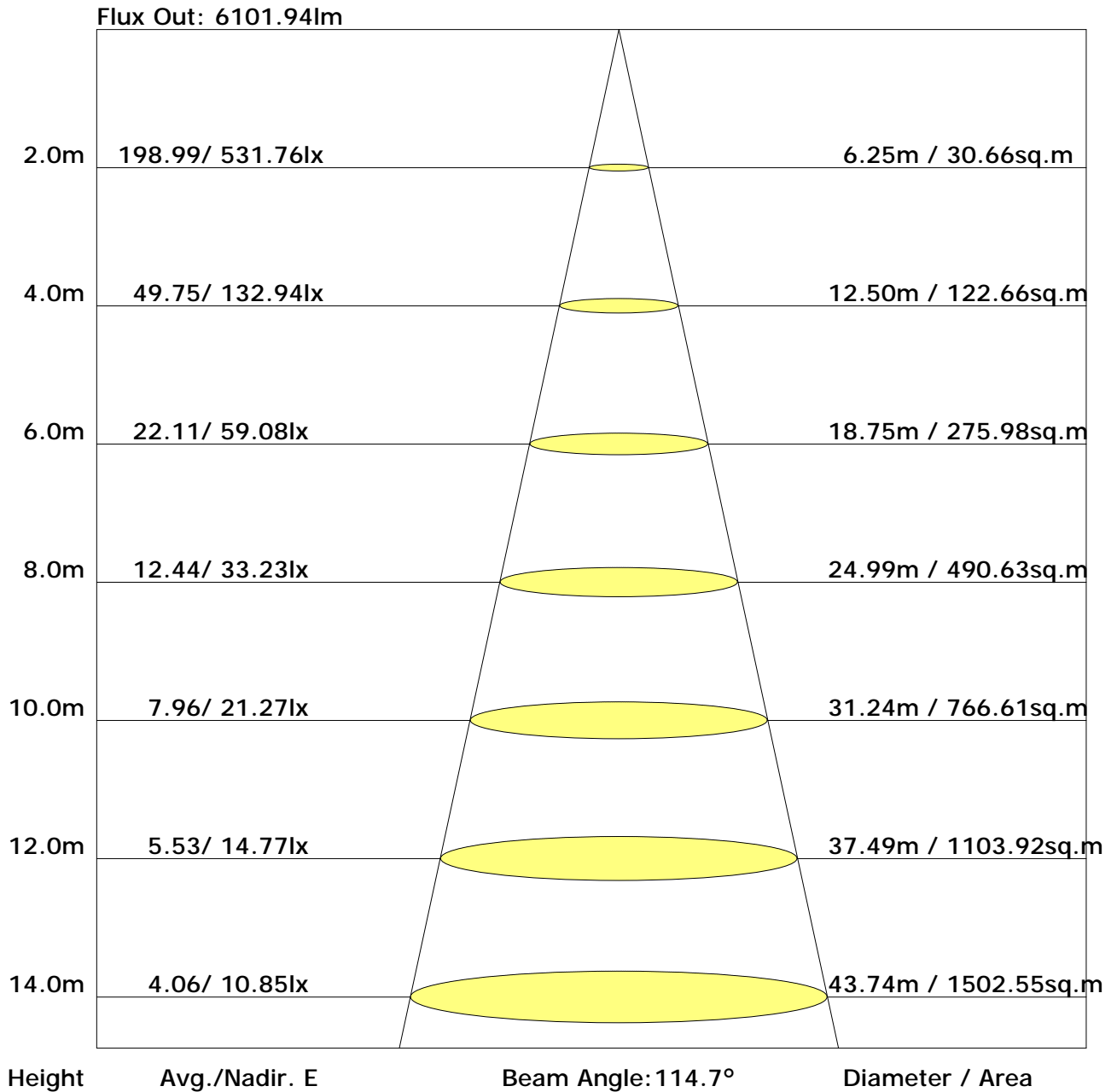
Illuminance at a Distance



C Plane (°):0.0-180.0: 10.0
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 Test Type: TYPE C
 Temperature:
 Operator:

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

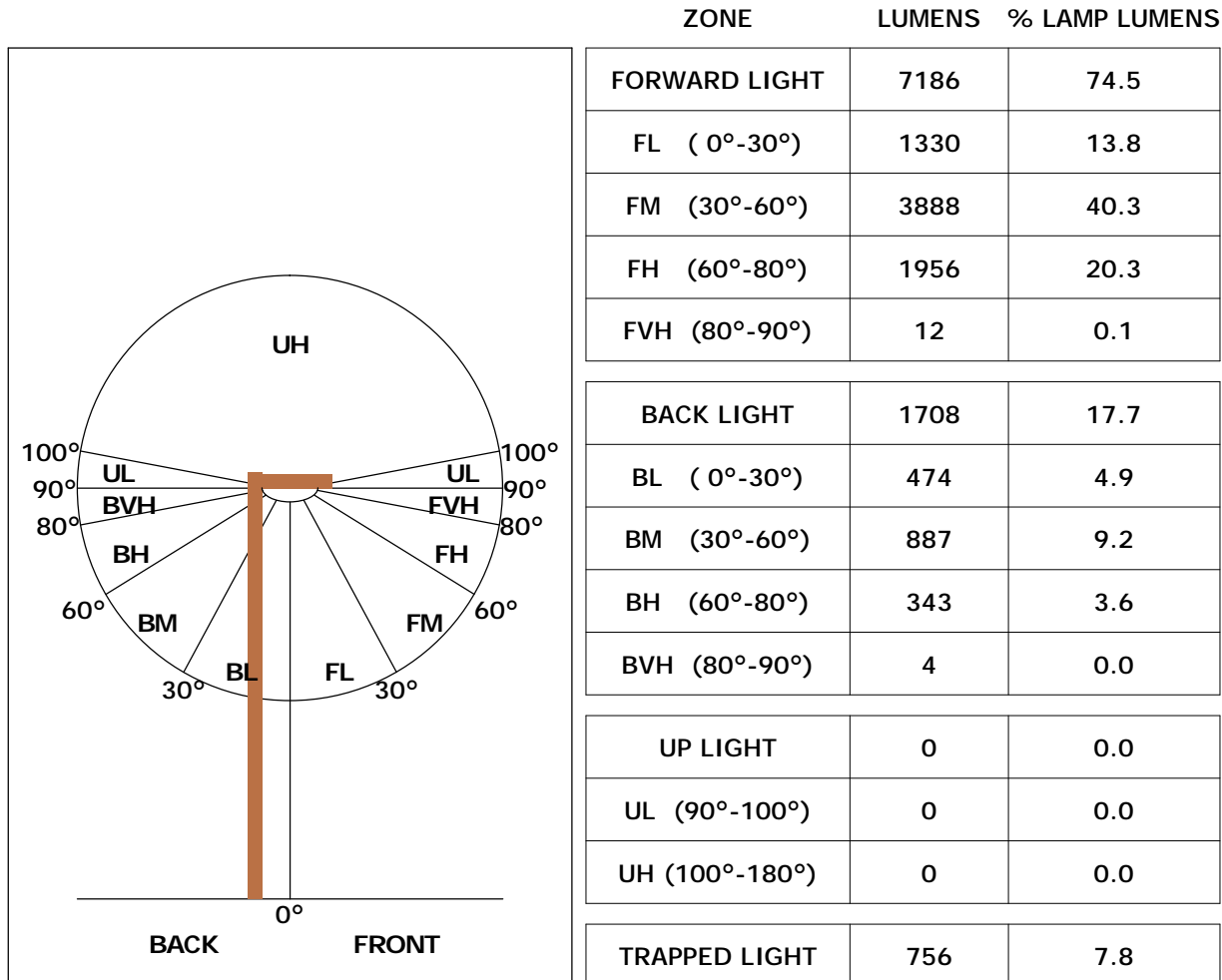
The Average Illuminance Effective Figure



C Plane (°):0.0-180.0: 10.0
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 Operator:

Gamma Plane (°):0.0-180.0:1.0
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 Distance: 14.835 m
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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)	B1 U1 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G2

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