

Report No.: SV-LLD-T3240

Test Time: 2018/9/6 17:50

Luminaire Property

Luminaire Manufacturer: ORE LIGHTING INC	Luminaire Description: SV-LLD-240W
Luminaire Category: TypeIII-Medium -240W	Lamp Description: V18
Lamp Catalog: COB	Lumens per Lamp: 5200/40w
Number of Lamps: 6	Luminous Width (mm): 18mm
Luminous Length (mm): 18mm	Voltage: 219V
Luminous Height (mm): 1.6mm	Power: 231W
Current: 1.7 A	
Power Factor: 0.99	

Photometric Results

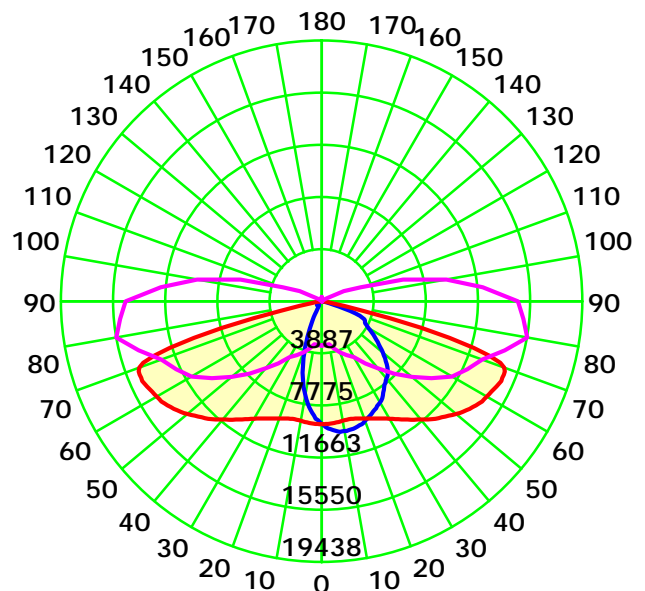
IES Classification: Type III
 Total Rated Lamp Lumens: 31200lm
 Efficiency: 96%
 Upward Ratio: 0.00%
 Central Intensity: 9137 cd
 Pos of Max. Intensity: H80 V68

Longitudinal Classification: Medium
 Measurement Flux: 29776lm
 Downward Ratio: 96%
 Luminaire Efficacy Rating (LER): 129
 Max. Intensity: 15551 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

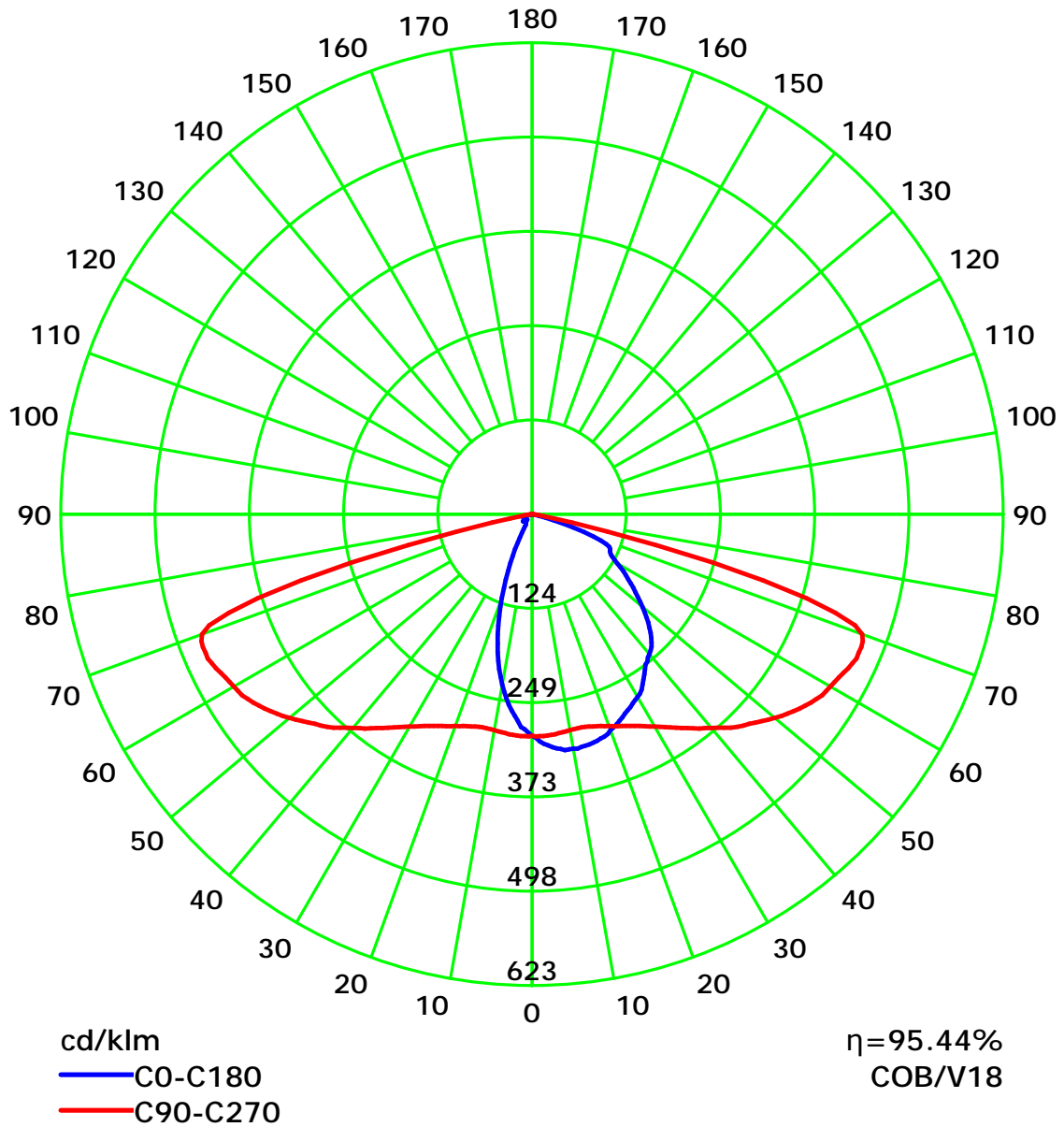
Average Diffuse Angle(50%): 111.1°

— C0-C180 — C90-C270 — G68

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:

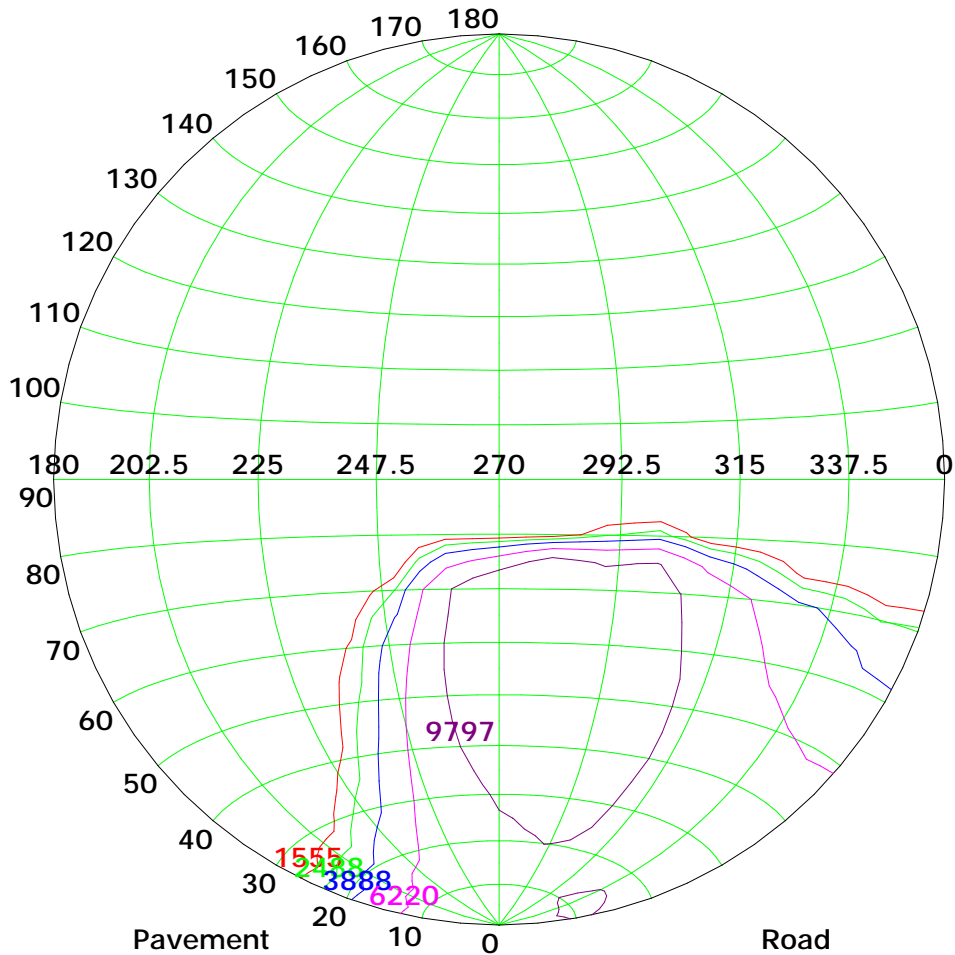
Luminous Intensity Distribution Curve(cd/klm)



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Isocandela (sphere)



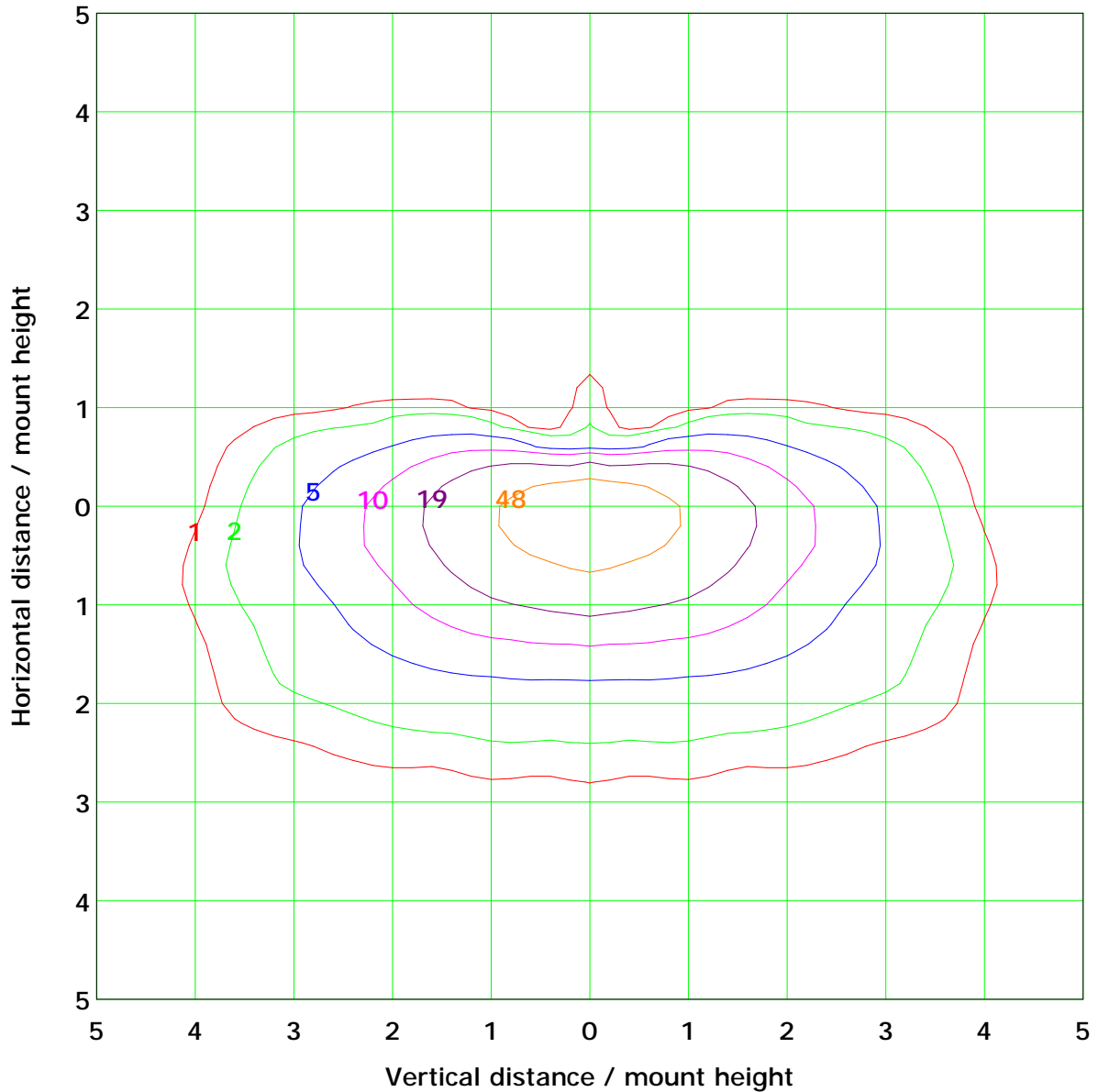
Imax (100%): 15551 cd

- | | |
|-------------------|--------------------|
| — (10%): 1555 cd | — (16%): 2488 cd |
| — (25%): 3888 cd | — (40%): 6220 cd |
| — (63%): 9797 cd | — (100%): 15551 cd |

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IsoLux Plot



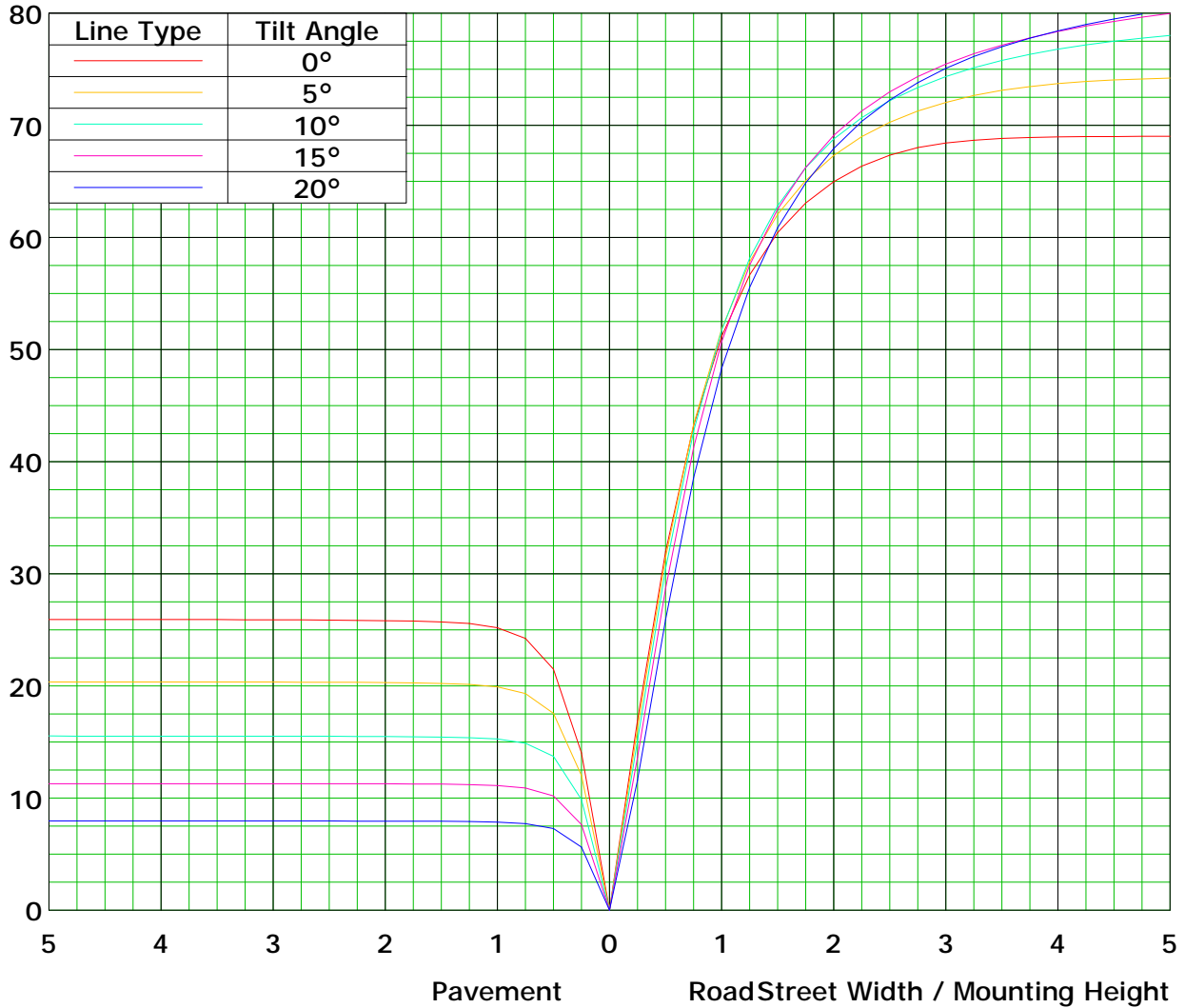
Mounting Height: 10.0m Max Lux(100%): 96.1 lx	
— (1%): 1.0 lx	— (2%): 1.9 lx
— (5%): 4.8 lx	— (10%): 9.6 lx
— (20%): 19.2 lx	— (50%): 48.1 lx
— (100%): 96.1 lx	

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Roadway CU Curve

Efficiency(%)



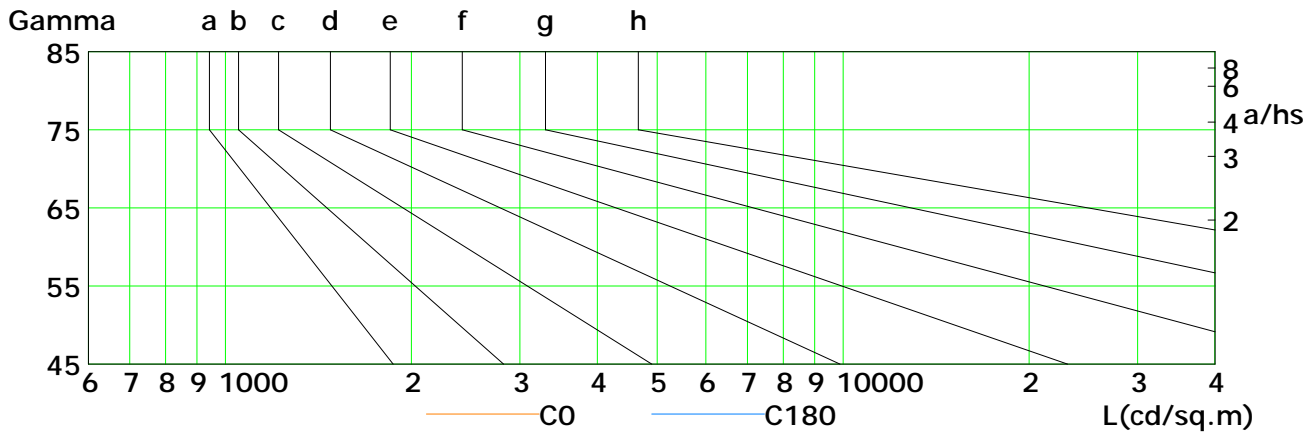
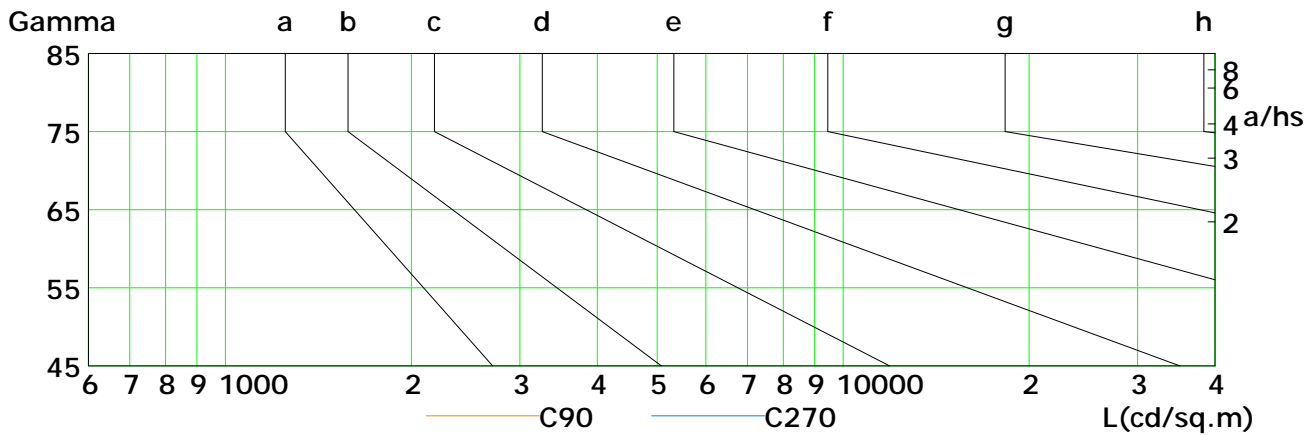
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Lum Limit Curve

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

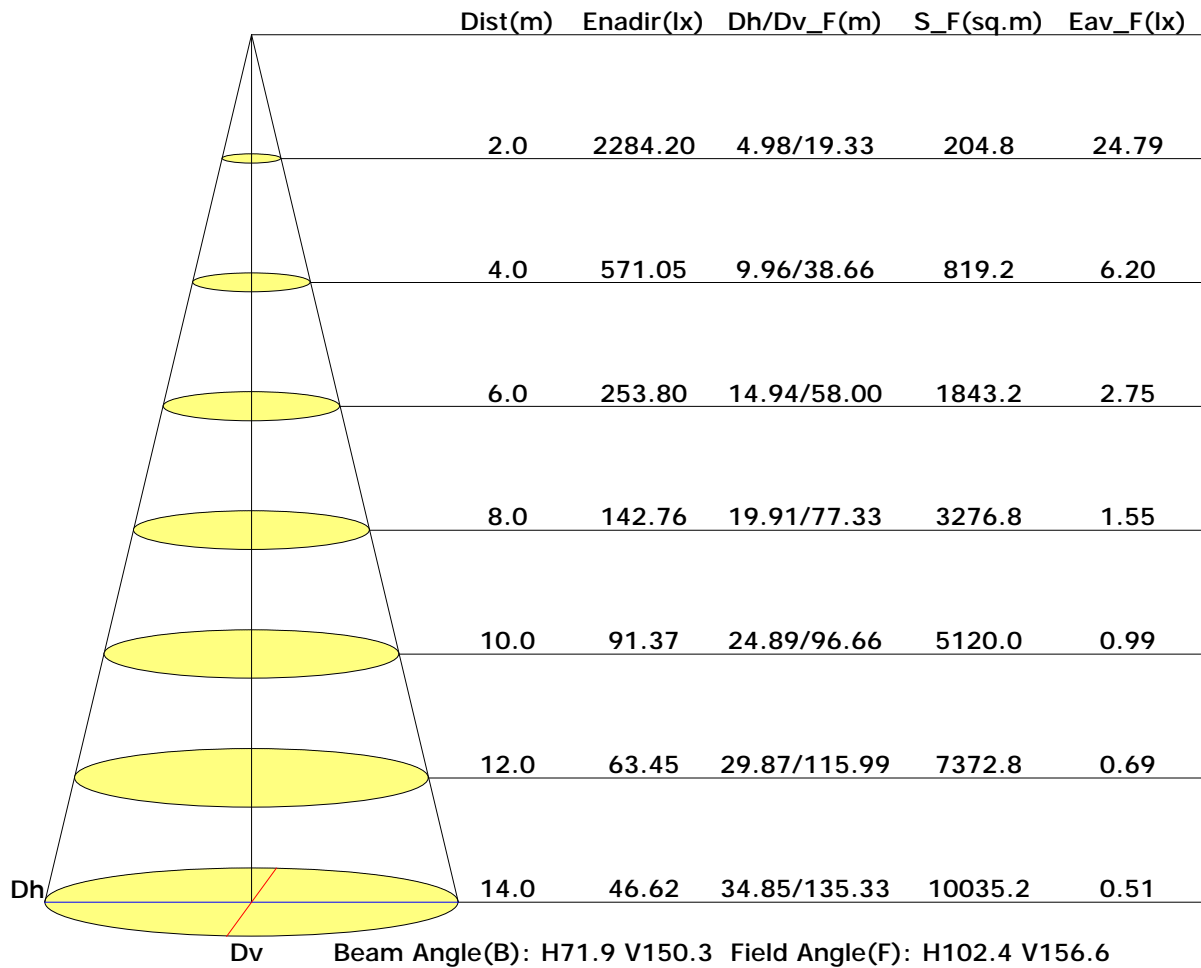


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	27758872	45878737	63729452	81802622	11800092	16967782	25456553	3655522	51794629
C90	49457635	67508205	91714817	126037658	179386032	25108149	35015144	49137217	67424681
C180	15312622	20112121	26996225	36209813	49237621	67195485	9317903	128466533	17573712
C270	49457635	67508205	91714817	126037658	179386032	25108149	35015144	49137217	67424681

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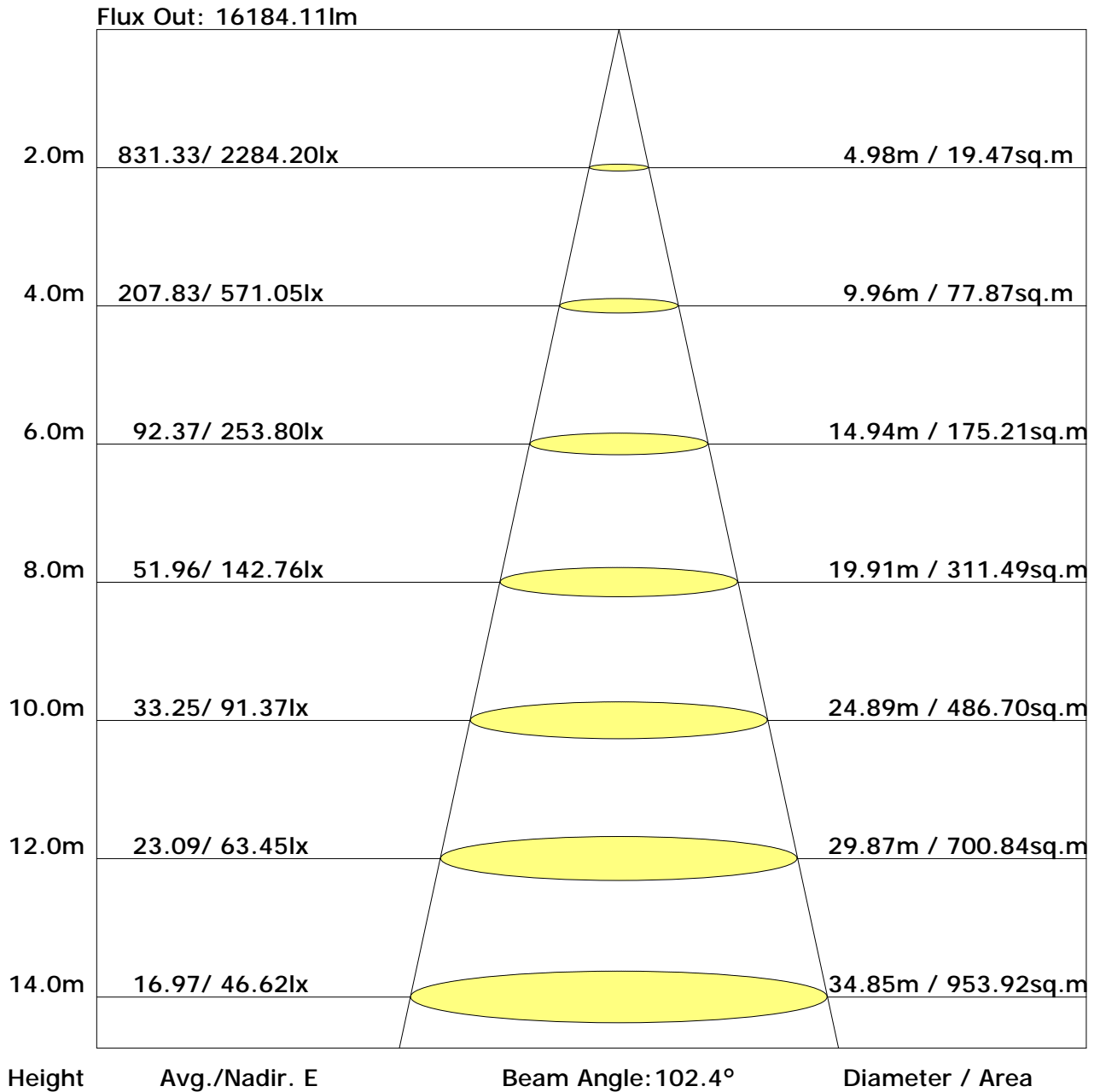
Illuminance at a Distance



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 Distance: 14.835 m
 Humidity:
 Inspector:

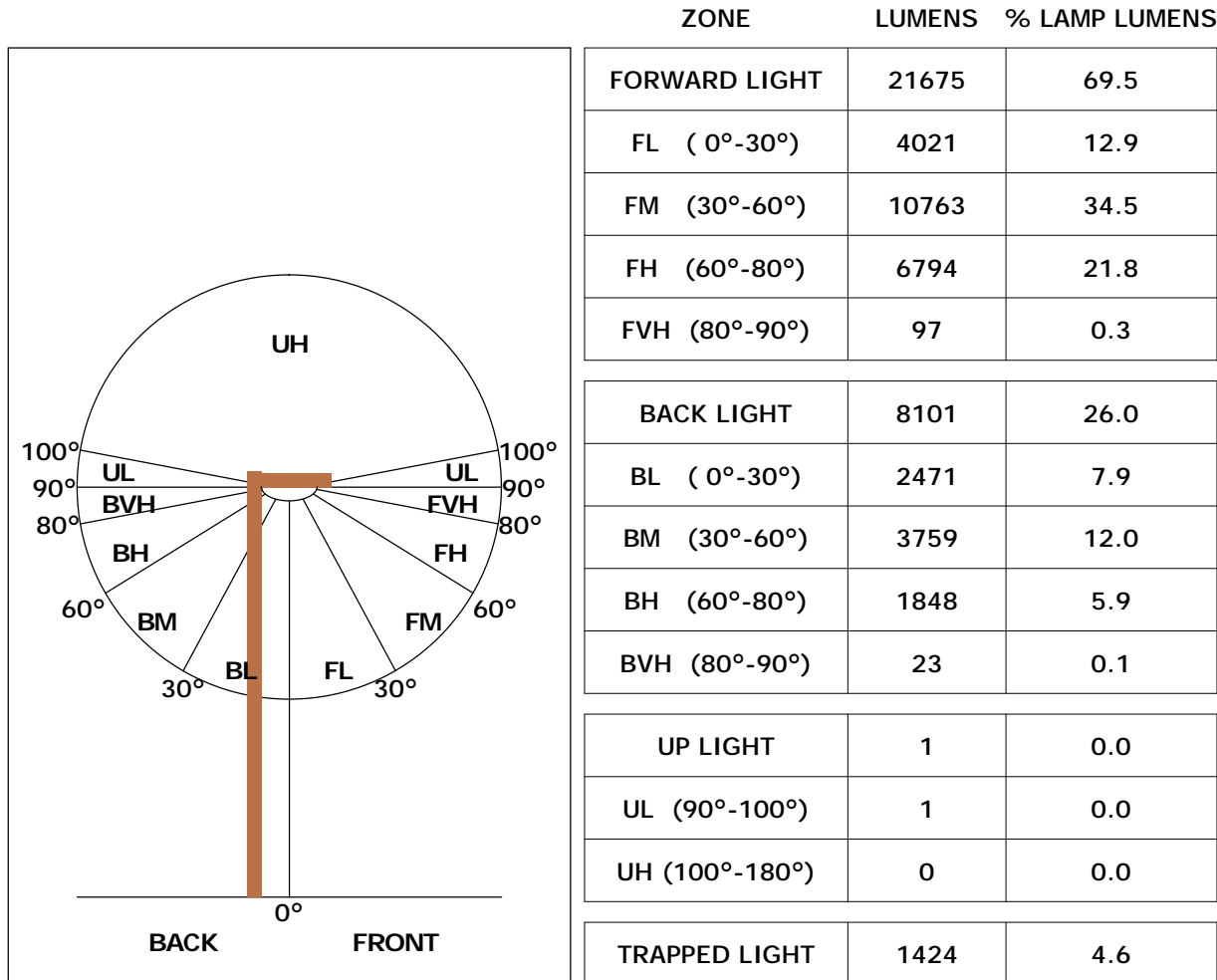
The Average Illuminance Effective Figure



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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)	B3 U2 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U2 G3

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