

TECNOWATT

I L U M I N A Ç Ã O

IES ROAD REPORT

PHOTOMETRIC FILENAME : NATLX_GTF_2MR_DL190W950I__64LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_2MR_DL192W950I_064LED_ISTANIUM
[DATA]05/01/2016
[MANUFACT]TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_2MR_DL192W950IA22S1-10C1GY9007
[LAMP]64 LEDS
[LAMPCAT]
[LUMCAT]220VAC 0.885A 1W FP0.98
[Responsavel]RENE
[Fluxo de Calculo]19.000

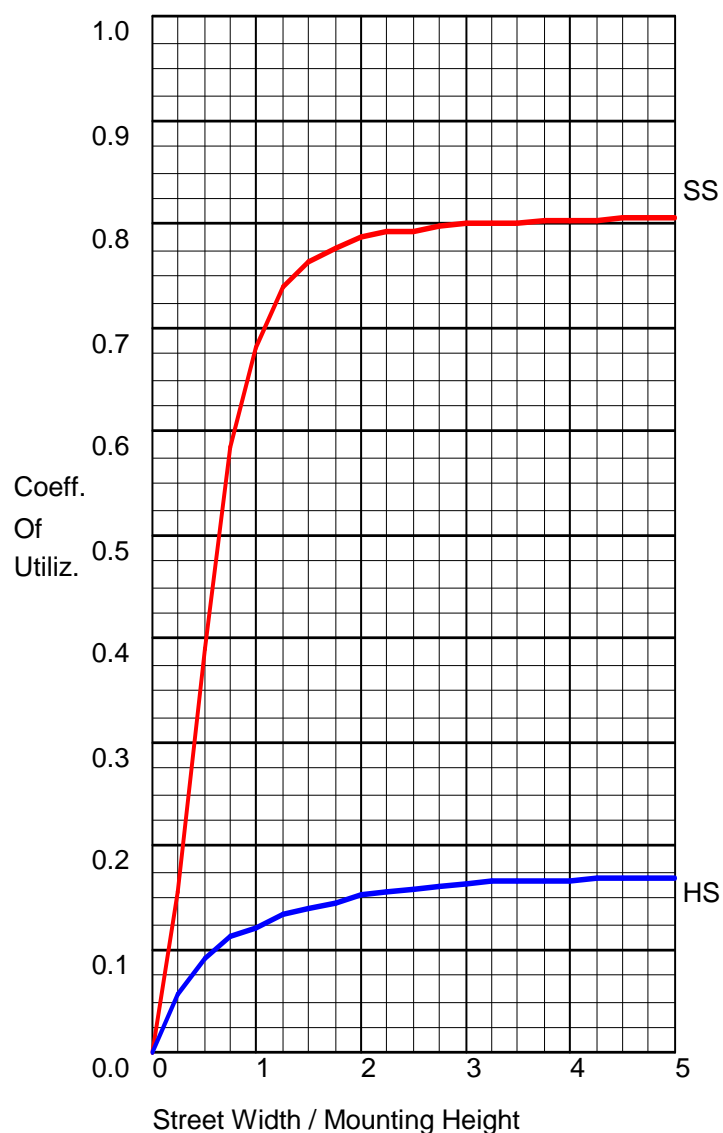
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	19000 (1 lamp)
Total Lamp Lumens	19000
Luminaire Lumens	18621
Downward Total Efficiency	98 %
Total Luminaire Efficiency	98 %
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	190
Ballast Factor	1.00
Maximum Candela	21225
Maximum Candela Angle	75H 70V
Maximum Candela (<90 Degrees Vertical)	21225
Maximum Candela Angle (<90 Degrees Vertical)	75H 70V
Maximum Candela At 90 Degrees Vertical	20 (0.1% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1537.5 (8.1% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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COEFFICIENTS OF UTILIZATION



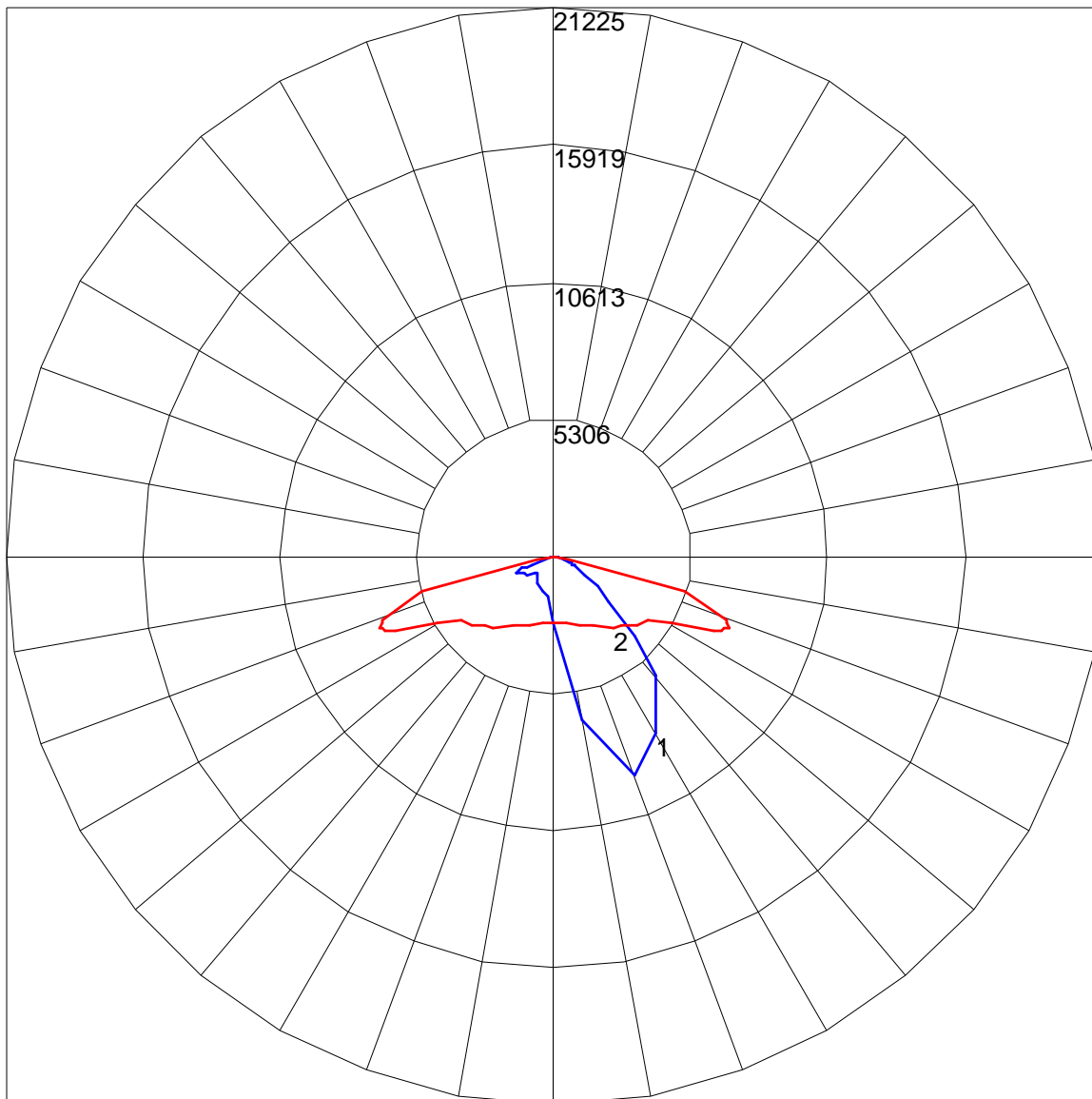
FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	15371.6	80.9
Downward House Side	3249.3	17.1
Downward Total	18620.9	98.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	18620.9	98.0

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POLAR GRAPH



Maximum Candela = 21225 Located At Horizontal Angle = 75, Vertical Angle = 70

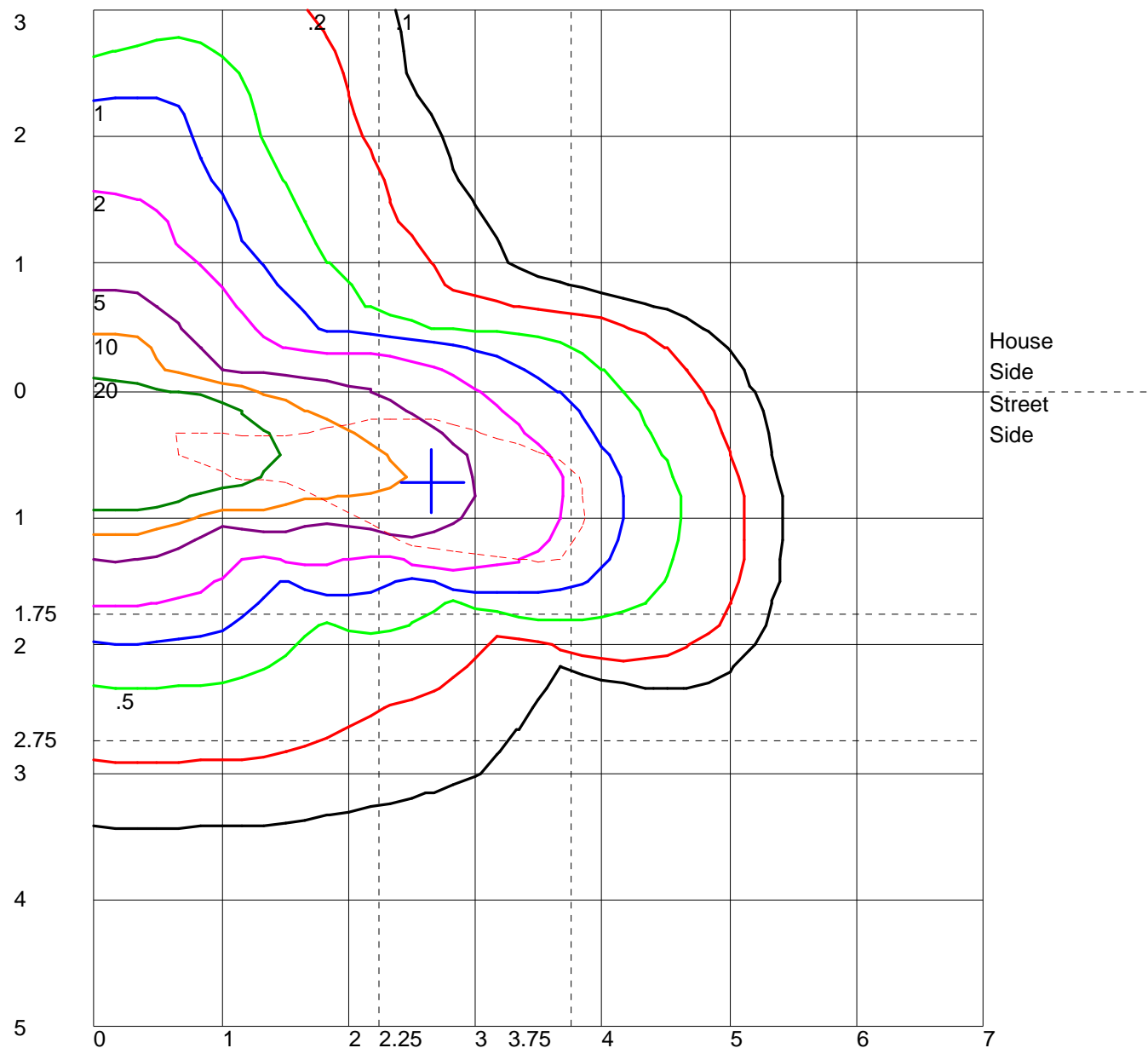
1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

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ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

1/2 Maximum Candela Trace Shown As Dashed Curve

(+) = Maximum Candela Point