

TECNOWATT

I L U M I N A Ç Ã O

IES ROAD REPORT

PHOTOMETRIC FILENAME : NATLX_GTF_3MR_DL190W950I__64LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_3MR_DL190W950I__64LED_ISTANIUM
[DATA]05/01/2016
[MANUFACT]TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_3MR_DL190W950IA22S1-10C1GY9007
[LAMP]64 LEDS
[LAMPCAT]
[INPUT VALUE]220VAC 0.885A 190W FP0.98
[Responsavel]RENE
[Fluxo de Calculo]19.000

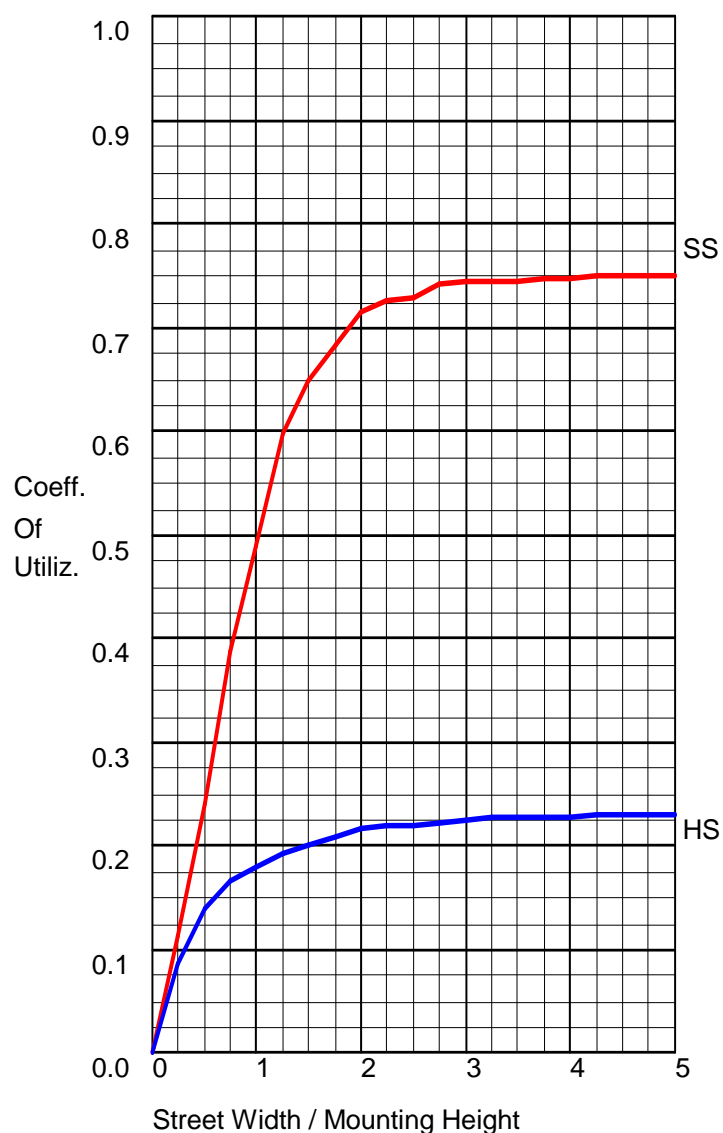
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	19000 (1 lamp)
Total Lamp Lumens	19000
Luminaire Lumens	18762
Downward Total Efficiency	99 %
Total Luminaire Efficiency	99 %
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	190
Ballast Factor	1.00
Maximum Candela	13375
Maximum Candela Angle	60H 70V
Maximum Candela (<90 Degrees Vertical)	13375
Maximum Candela Angle (<90 Degrees Vertical)	60H 70V
Maximum Candela At 90 Degrees Vertical	22.5 (0.1% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1752.5 (9.2% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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COEFFICIENTS OF UTILIZATION



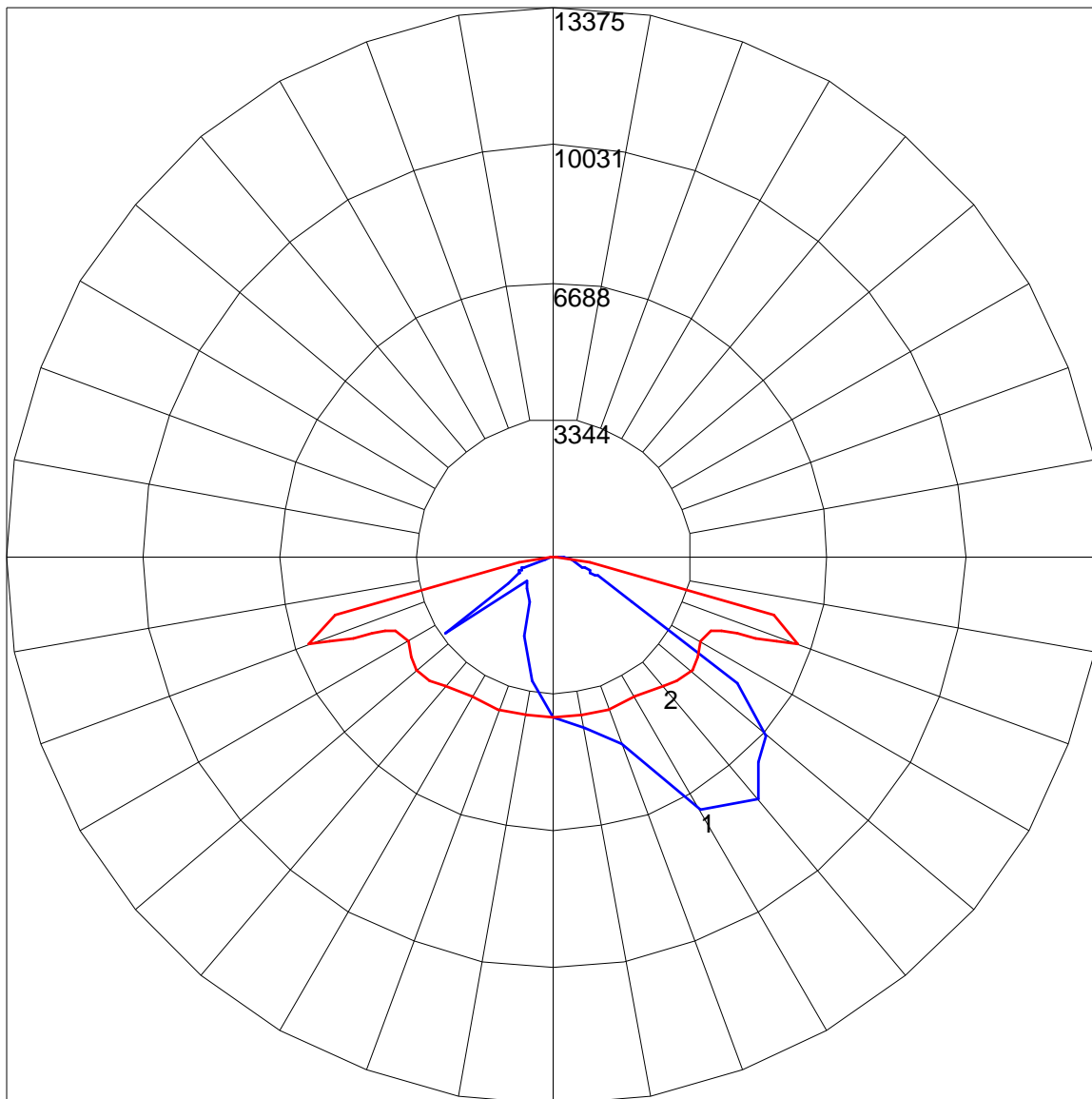
FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	14332.9	75.4
Downward House Side	4428.7	23.3
Downward Total	18761.6	98.7
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	18761.6	98.7

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POLAR GRAPH



Maximum Candela = 13375 Located At Horizontal Angle = 60, Vertical Angle = 70

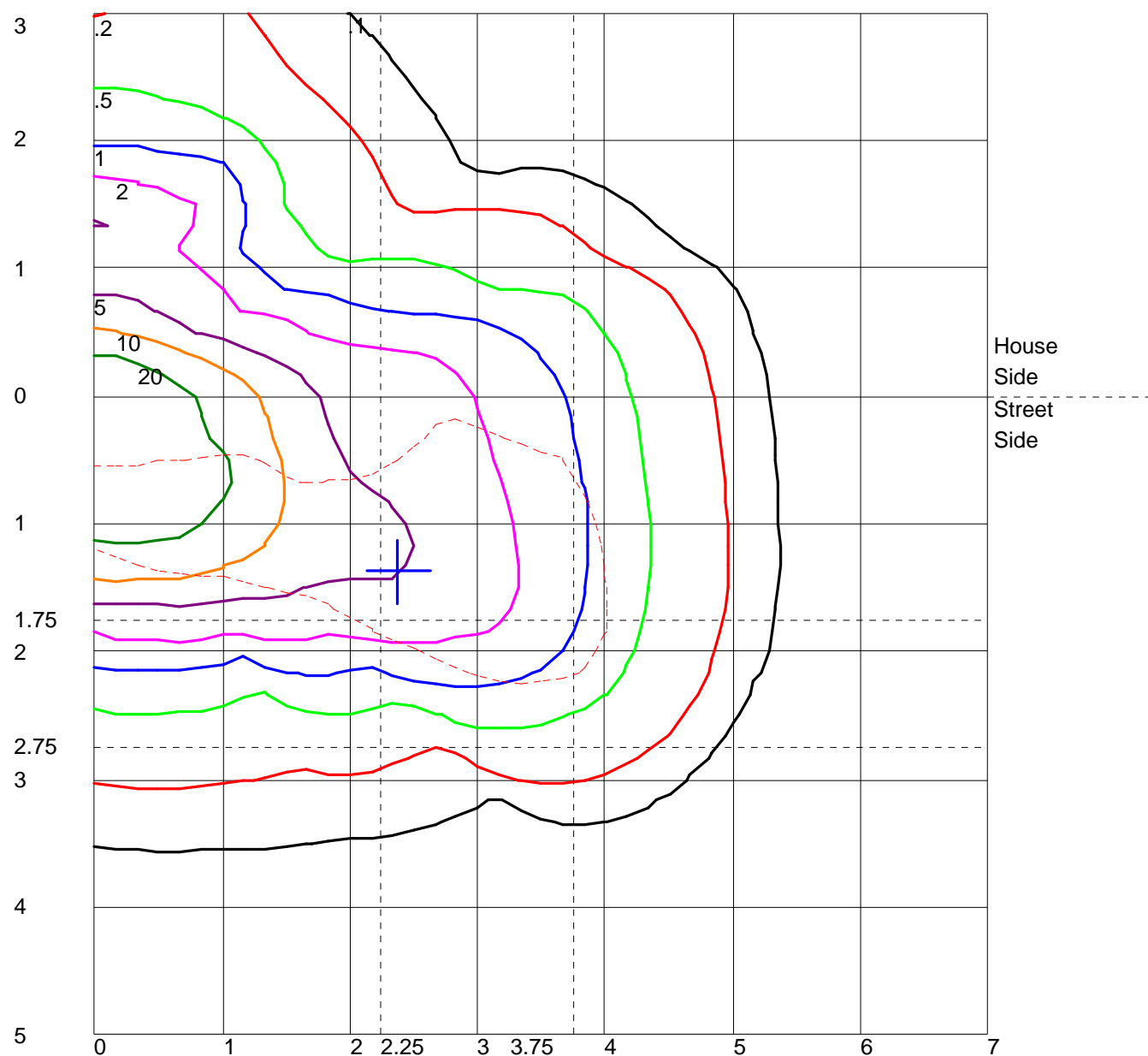
1 - Vertical Plane Through Horizontal Angles (0 - 180)

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