

TECNOWATT

I L U M I N A Ç Ã O

IES ROAD REPORT

PHOTOMETRIC FILENAME : NATLX_GTF_3MR_DL138W700I__64LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_3MR_DL138W700I__64LED_ISTANIUM
[DATA]30/03/2015
[MANUFACT]TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_3MR_DL138W700IA22S1-10C1GY9007
[LAMP]64 LEDS
[LAMPCAT]
[INPUT VALUE]220 VAC 0.664A 138W 0.98FP
[Responsavel]RENE
[Fluxo de Calculo]14986

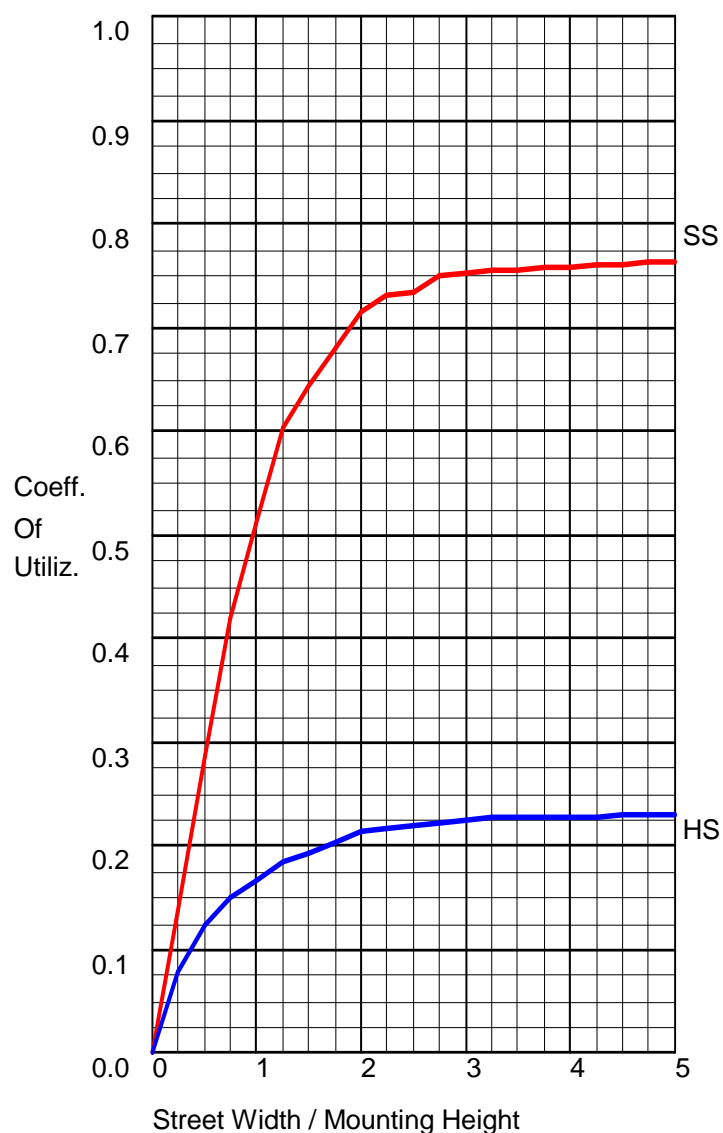
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	14986 (1 lamp)
Total Lamp Lumens	14986
Luminaire Lumens	14986
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	150
Total Luminaire Watts	100
Ballast Factor	1.00
Maximum Candela	8650
Maximum Candela Angle	70H 70V
Maximum Candela (<90 Degrees Vertical)	8650
Maximum Candela Angle (<90 Degrees Vertical)	70H 70V
Maximum Candela At 90 Degrees Vertical	22.5 (0.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2182.5 (14.6% Lamp Lumens)
Cutoff Classification (deprecated)	Semi-Cutoff

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COEFFICIENTS OF UTILIZATION



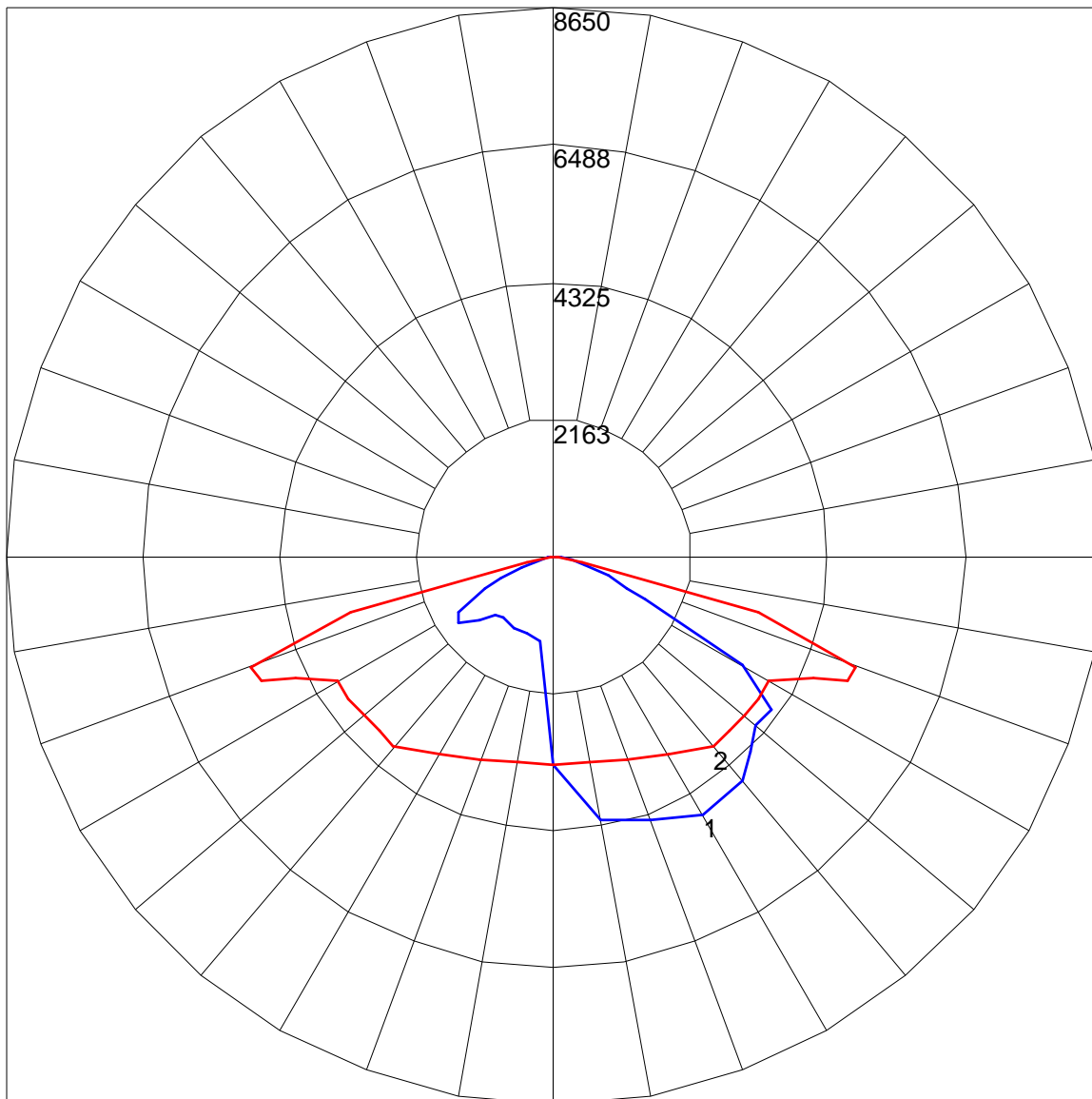
FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	11516.9	76.9
Downward House Side	3468.7	23.1
Downward Total	14985.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	14985.6	100.0

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POLAR GRAPH



Maximum Candela = 8650 Located At Horizontal Angle = 70, Vertical Angle = 70

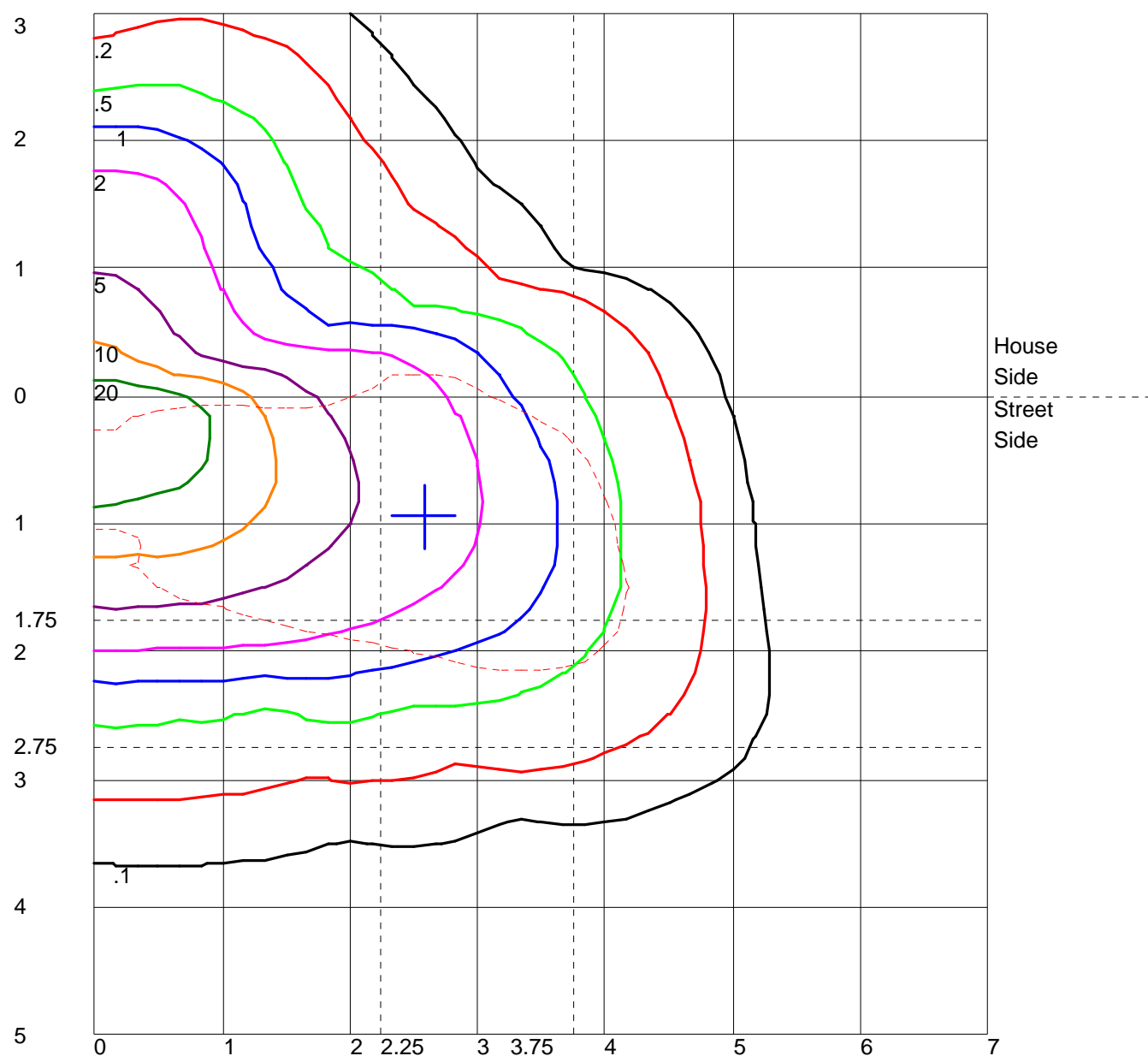
1 - Vertical Plane Through Horizontal Angles (0 - 180)

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