

TECNOWATT

I L U M I N A Ç Ã O

IES ROAD REPORT

PHOTOMETRIC FILENAME : NATLX_GTF_2MR_DL138W700I__64LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_2MR_DL138W700I__64LED_ISTANIUM
[DATA]25/01/2016
[MANUFACT]TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_2MR_DL138W700IA22S1-10C1GY9007
[LAMP]64 LEDS
[LAMPCAT]
[INPUT VALUE]220VAC 0.642A 138W FP0.96
[Responsavel]RENE
[Fluxo de Calculo]15709

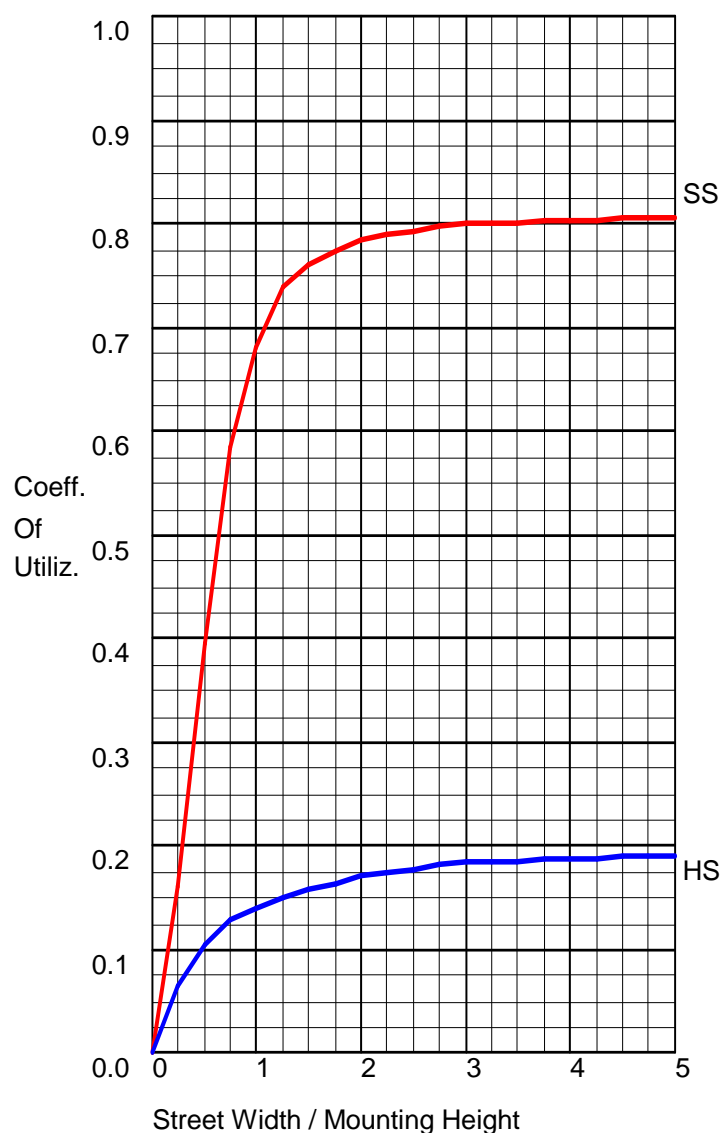
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	15709 (1 lamp)
Total Lamp Lumens	15709
Luminaire Lumens	15709
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	138.1
Ballast Factor	1.00
Maximum Candela	17200
Maximum Candela Angle	75H 70V
Maximum Candela (<90 Degrees Vertical)	17200
Maximum Candela Angle (<90 Degrees Vertical)	75H 70V
Maximum Candela At 90 Degrees Vertical	17.5 (0.1% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1337.5 (8.5% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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COEFFICIENTS OF UTILIZATION



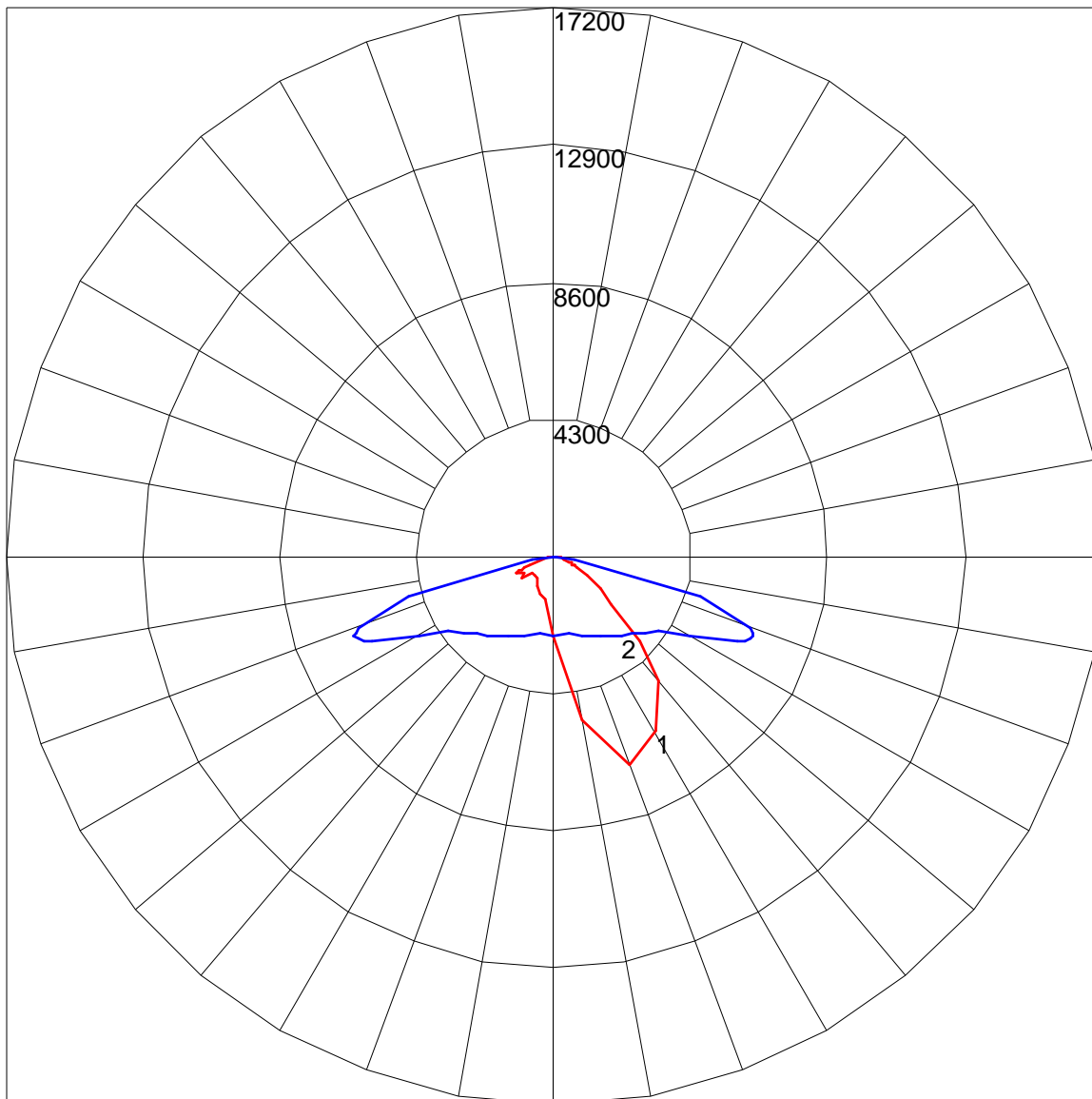
FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	12705.2	80.9
Downward House Side	3003.9	19.1
Downward Total	15709.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	15709.1	100.0

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POLAR GRAPH



Maximum Candela = 17200 Located At Horizontal Angle = 75, Vertical Angle = 70

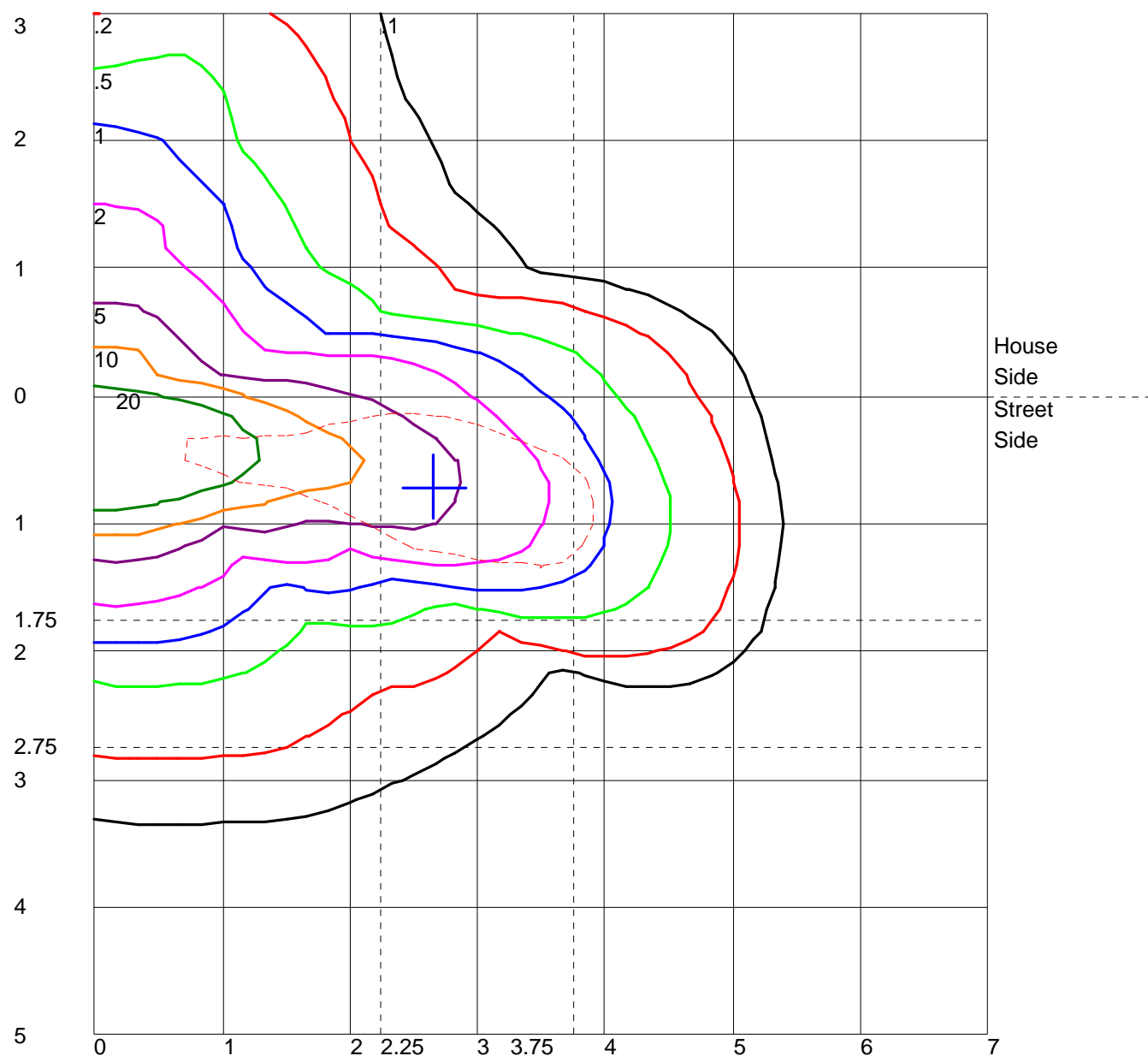
1 - Vertical Plane Through Horizontal Angles (0 - 180)

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