

TECNOWATT

I L U M I N A Ç Ã O

IES ROAD REPORT

PHOTOMETRIC FILENAME : NATLX_GTF_2MR_DL302W750I_128LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_2MR_DL302W750I_128LED_ISTANIUM
[DATA]21/01/2016
[MANUFACT]TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_2MR_DL302W750IA22S1-10C1GY9007
[LAMP]128 LEDS
[LAMPCAT]
[INPUT VALUE]220VAC 1.44A 302W FP0.96
[Responsavel]RENE
[Fluxo de Calculo]32758

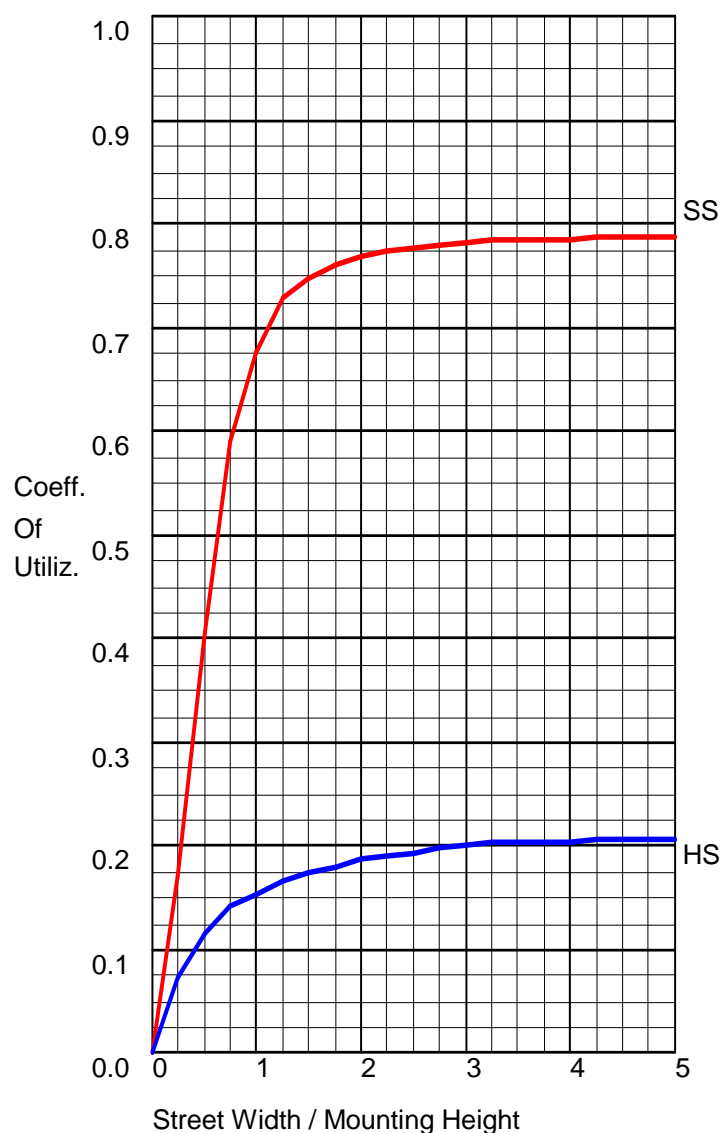
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	32758 (1 lamp)
Total Lamp Lumens	32758
Luminaire Lumens	32758
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	302
Ballast Factor	1.00
Maximum Candela	31225
Maximum Candela Angle	75H 67V
Maximum Candela (<90 Degrees Vertical)	31225
Maximum Candela Angle (<90 Degrees Vertical)	75H 67V
Maximum Candela At 90 Degrees Vertical	42.5 (0.1% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2162.5 (6.6% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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COEFFICIENTS OF UTILIZATION



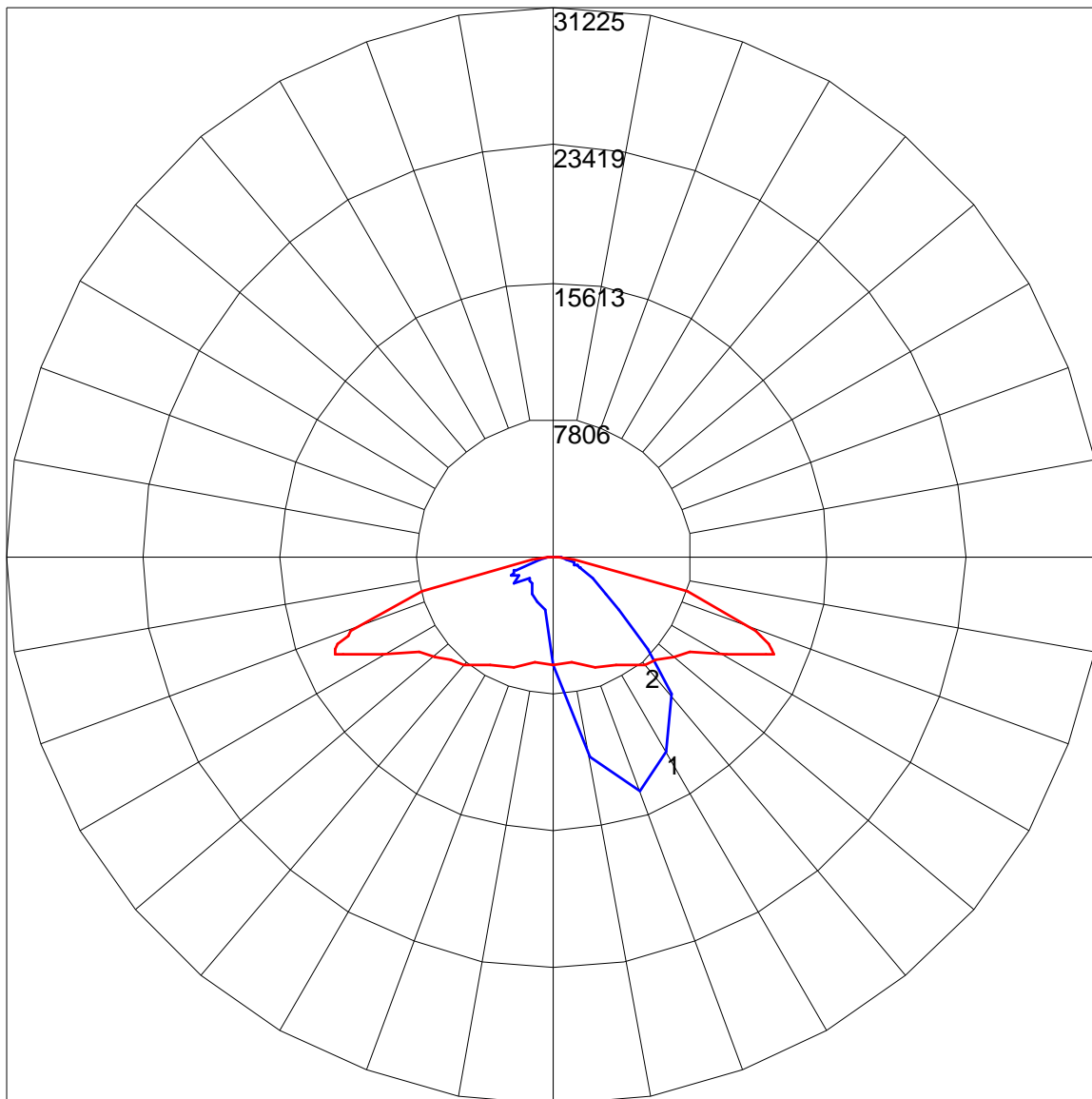
FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	25928.3	79.2
Downward House Side	6830.2	20.9
Downward Total	32758.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	32758.5	100.0

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POLAR GRAPH



Maximum Candela = 31225 Located At Horizontal Angle = 75, Vertical Angle = 67

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

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

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

