

TECNOWATT

I L U M I N A Ç Ã O

IES ROAD REPORT

PHOTOMETRIC FILENAME : NATLX_GTF_3MR_DL302W750I_128LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_3MR_DL302W750I_128LED_ISTANIUM
[DATA]21/01/2016
[MANUFACT]TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_3MR_DL302W750IA22S1-10C1GY9007
[LAMP]128 LEDS
[LAMPCAT]
[INPUT VALUE]220VAC 1.44A 302W FP0.96
[Responsavel]RENE

[Fluxo de Calculo]33061

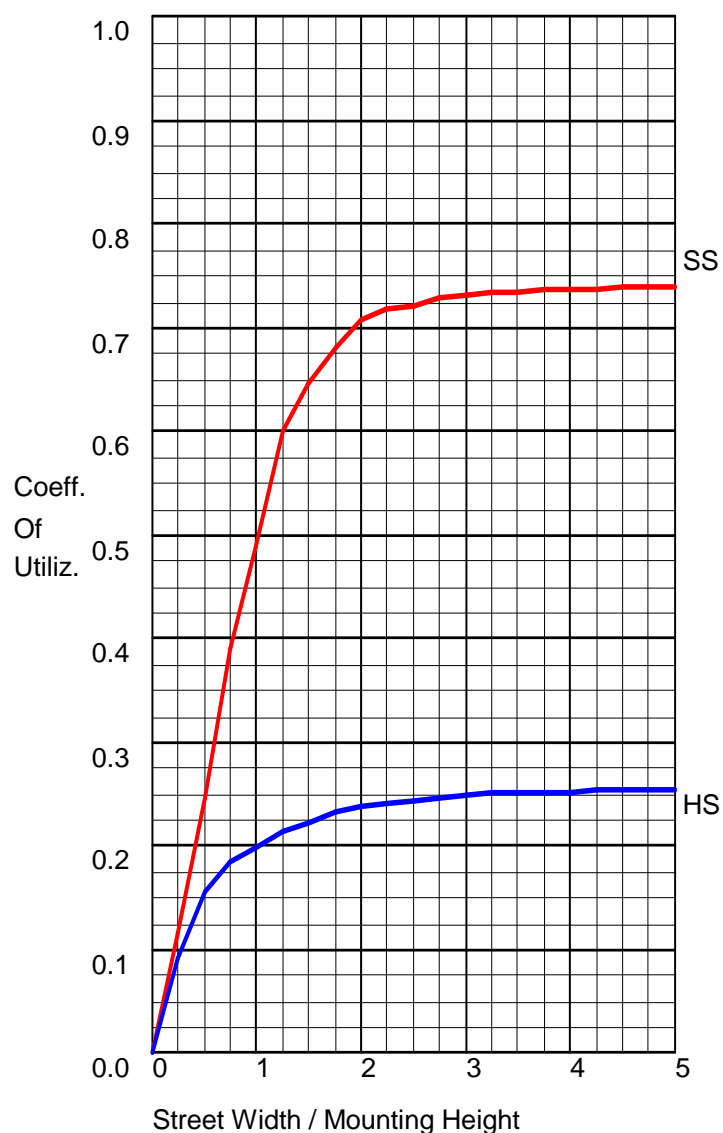
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	33061 (1 lamp)
Total Lamp Lumens	33061
Luminaire Lumens	33061
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	302
Ballast Factor	1.00
Maximum Candela	22350
Maximum Candela Angle	60H 69V
Maximum Candela (<90 Degrees Vertical)	22350
Maximum Candela Angle (<90 Degrees Vertical)	60H 69V
Maximum Candela At 90 Degrees Vertical	55 (0.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2487.5 (7.5% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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COEFFICIENTS OF UTILIZATION



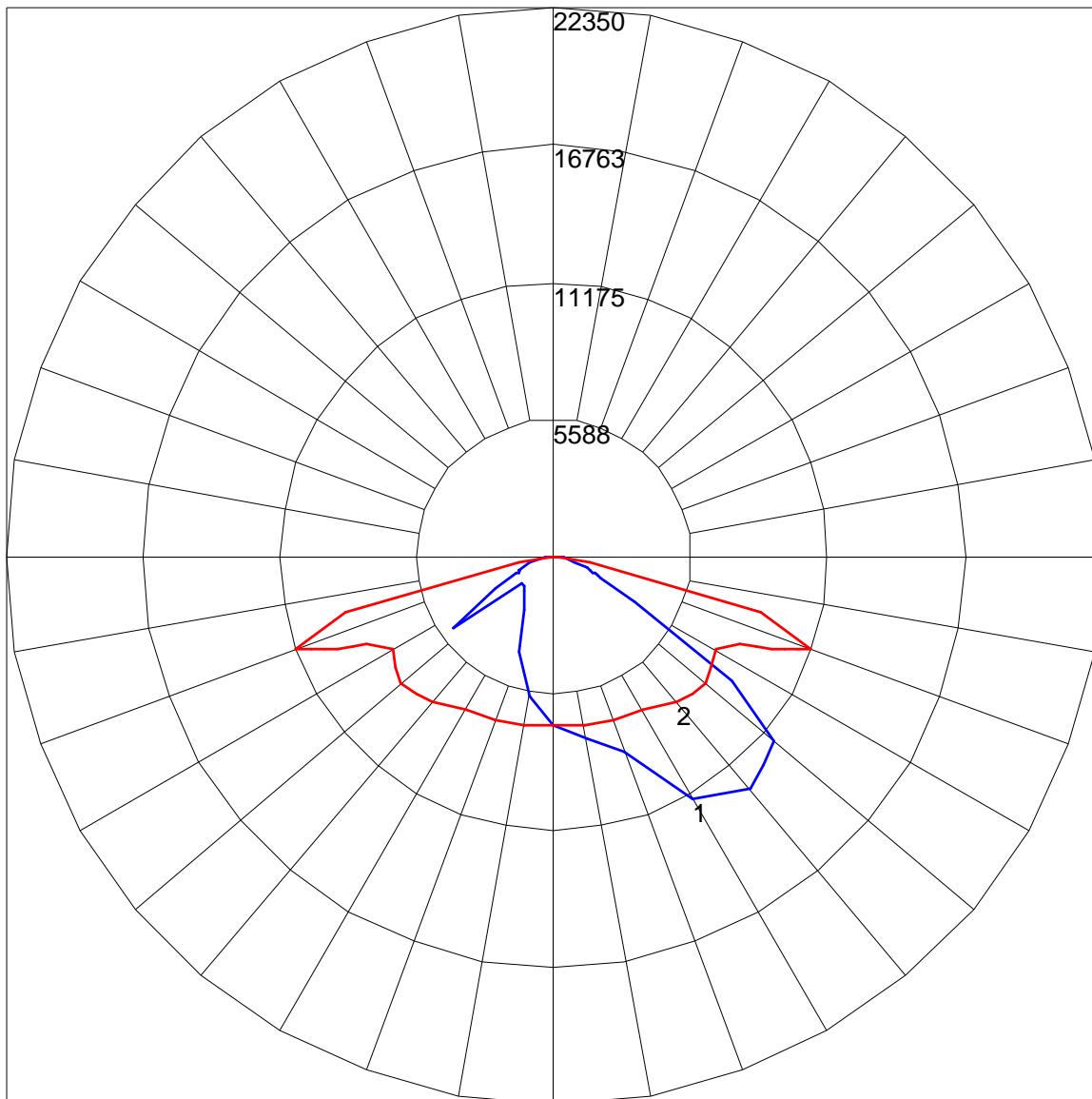
FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	24556.2	74.3
Downward House Side	8504.6	25.7
Downward Total	33060.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	33060.8	100.0

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POLAR GRAPH



Maximum Candela = 22350 Located At Horizontal Angle = 60, Vertical Angle = 69

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

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

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

