TECNOWATT
ILUMINAÇÃO

IES ROAD REPORT
PHOTOMETRIC FILENAME : NATLX_GTF_2MR_DL274W700I_128LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_2MR_DL274W700I_128LED_ISTANIUM
[DATA]13/12/2016
[MANUFACT]LABORATORIO TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_2MR_DL274W700IA22S1-10C1GY9007
[LAMP]128LEDs
[LAMPCAT]
[IMPUT VALUE]220VAC 1.25A 274W 0.98FP
RUBENS
[Fluxo de Calculo]30.569

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	30569 (1 lamp)
Total Lamp Lumens	30569
Luminaire Lumens	30696
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	274
Ballast Factor	1.00
Maximum Candela	31150
Maximum Candela Angle	75H 68V
Maximum Candela (<90 Degrees Vertical)	31150
Maximum Candela Angle (<90 Degrees Vertical)	75H 68V
Maximum Candela At 90 Degrees Vertical	37.5 (0.1% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1095 (3.6% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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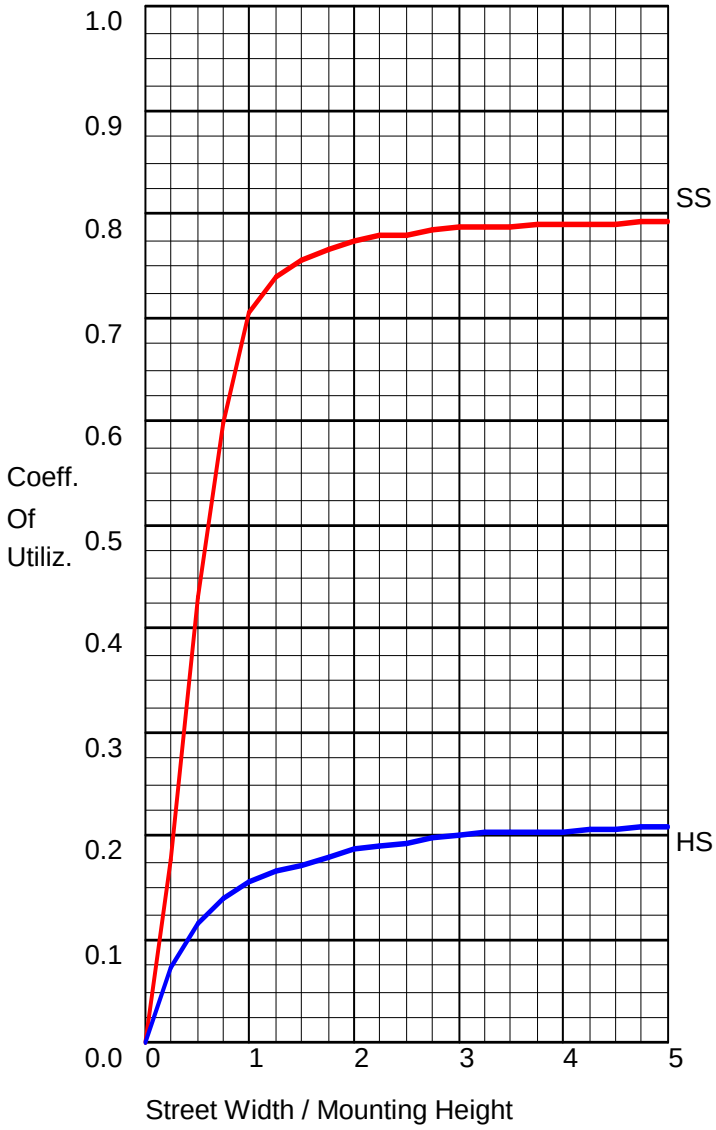
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	24281.7	79.4
Downward House Side	6414.5	21.0
Downward Total	30696.2	100.4
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30696.2	100.4

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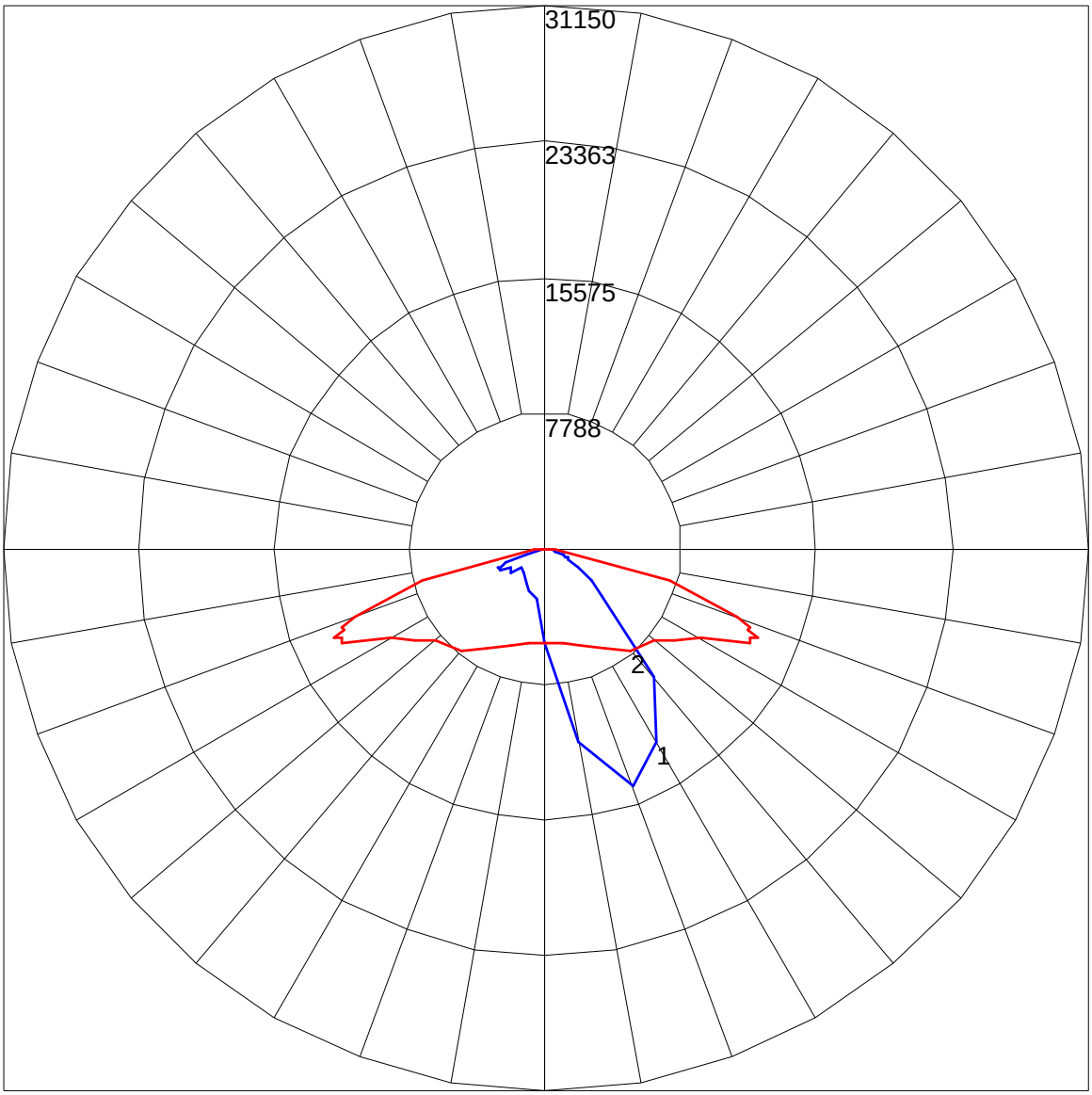
POLAR GRAPH



Maximum Candela = 31150 Located At Horizontal Angle = 75, Vertical Angle = 68
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

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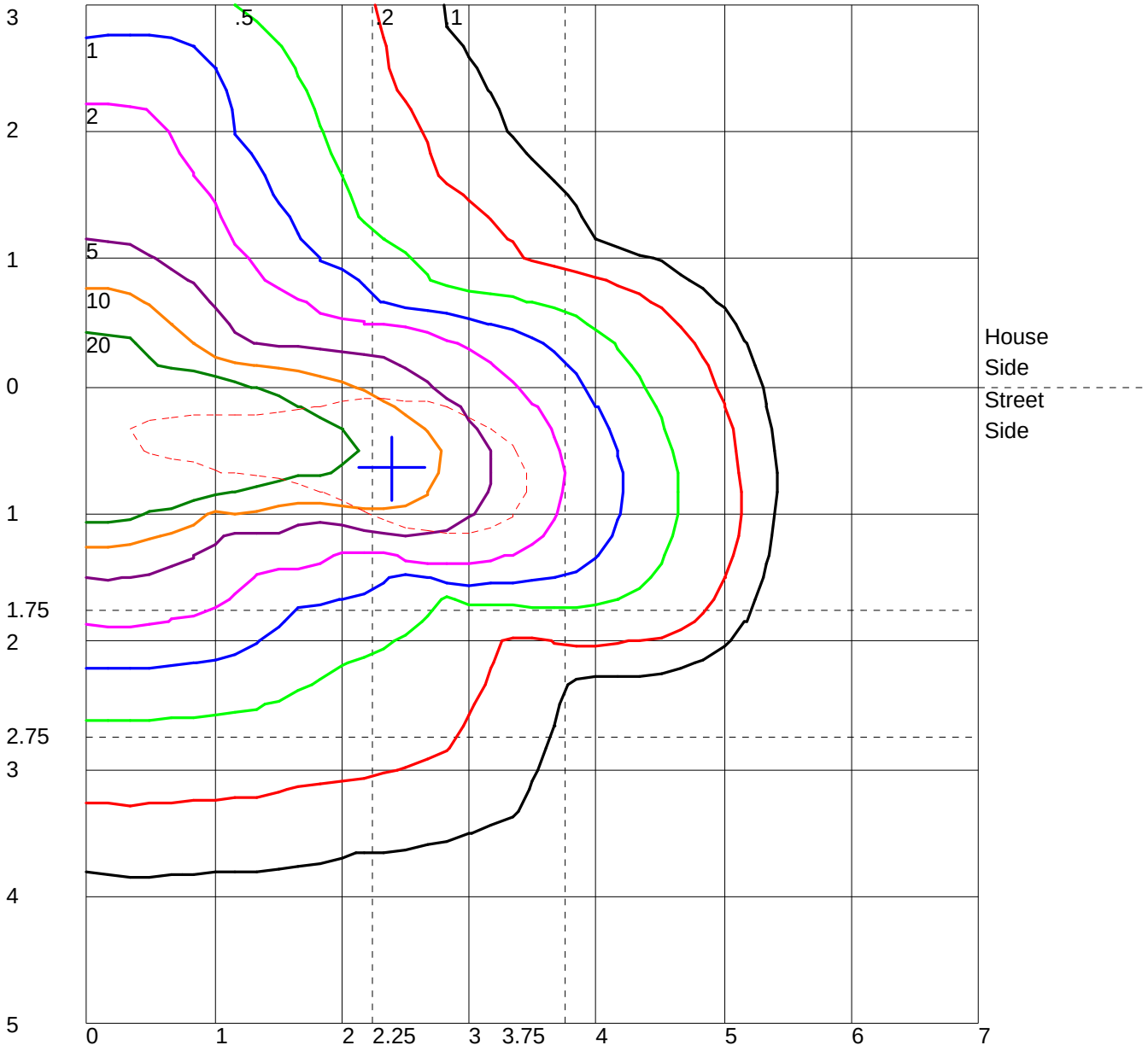
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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