TECNOWATT
ILUMINAÇÃO

IES ROAD REPORT
PHOTOMETRIC FILENAME : NATLX_GTF_3MR_DL274W700I_128LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_3MR_DL274W700I_128LED_ISTANIUM
[DATA]01/11/2016
[MANUFACT]LABORATORIO TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTF_3MR_DL274W700IA22S1-10C1GY9007
[LAMP]128LEDs
[LAMPCAT]
[IMPUT VALUE]220VAC 1.285A 274W FP0.98
RENE
[Fluxo de Calculo]29553

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	29553 (1 lamp)
Total Lamp Lumens	29553
Luminaire Lumens	29553
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	274
Ballast Factor	1.00
Maximum Candela	18975
Maximum Candela Angle	60H 70V
Maximum Candela (<90 Degrees Vertical)	18975
Maximum Candela Angle (<90 Degrees Vertical)	60H 70V
Maximum Candela At 90 Degrees Vertical	62.5 (0.2% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2787.5 (9.4% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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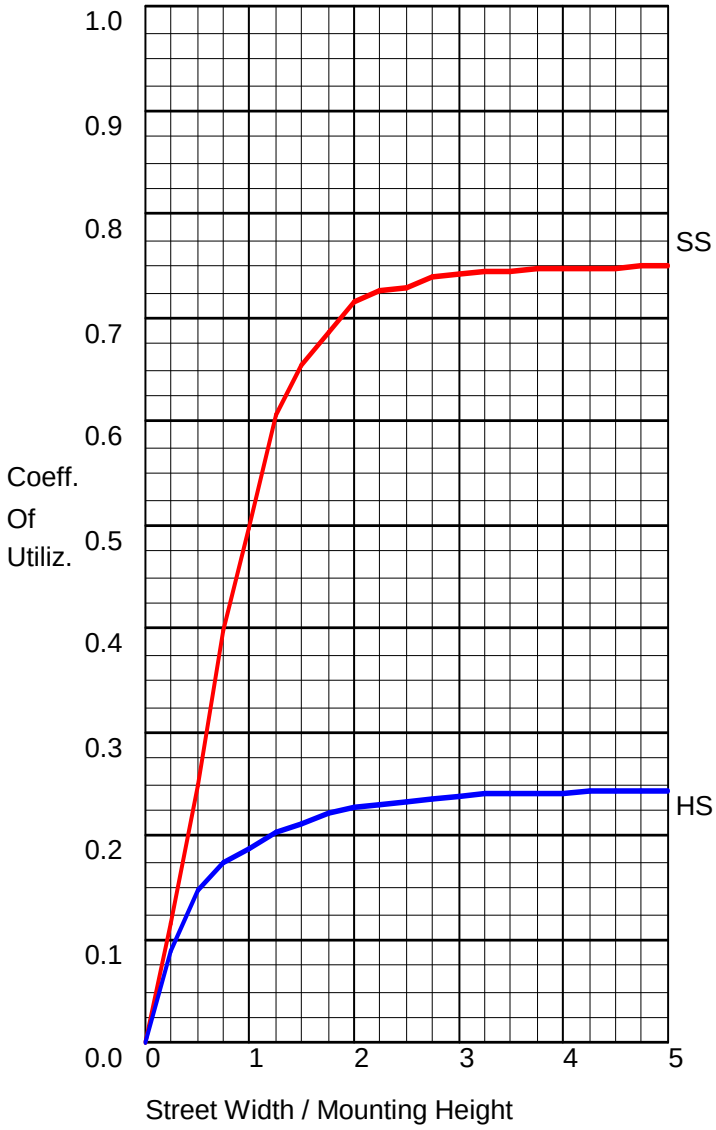
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	22255.1	75.3
Downward House Side	7297.6	24.7
Downward Total	29552.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	29552.7	100.0

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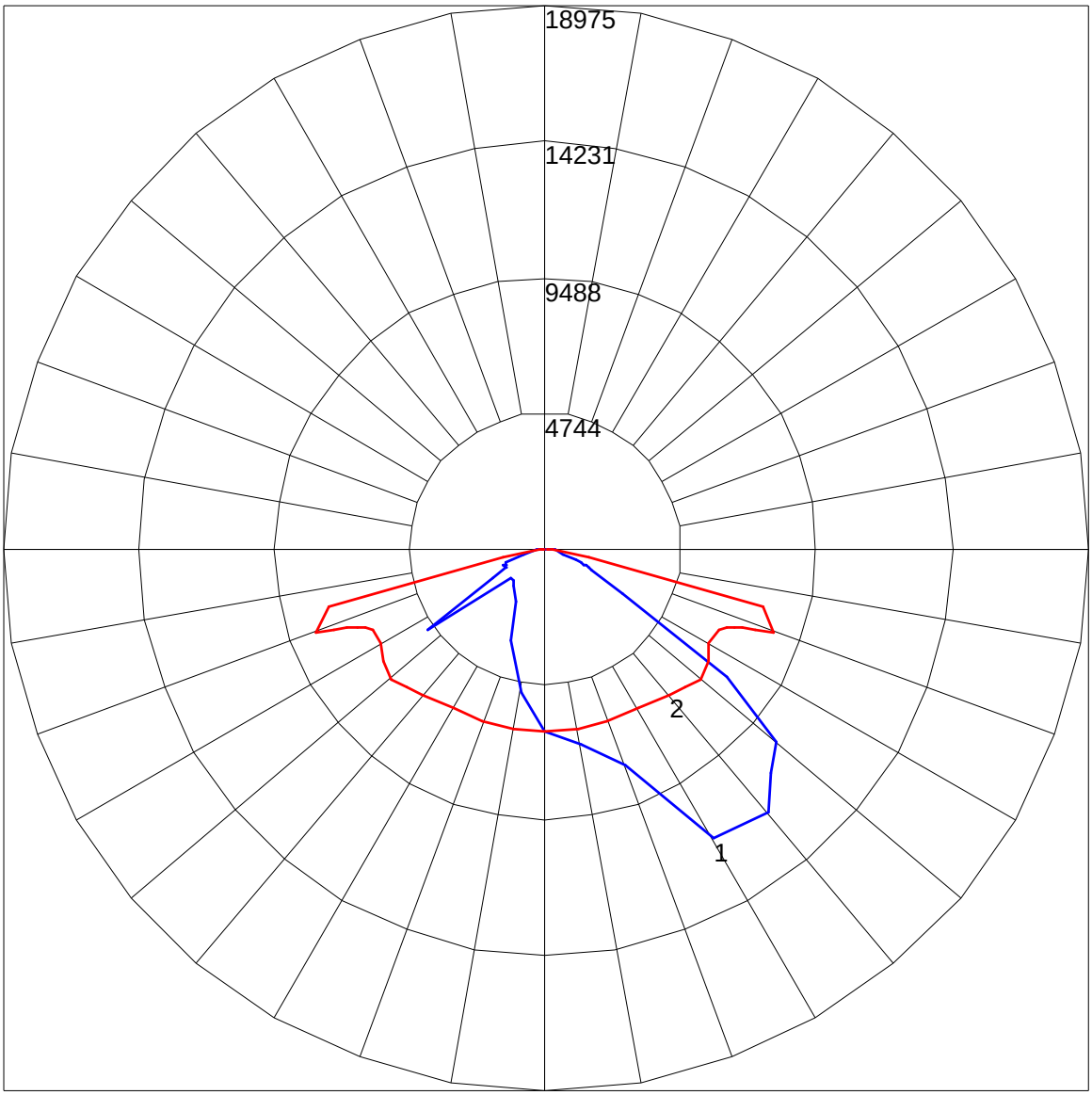
POLAR GRAPH



Maximum Candela = 18975 Located At Horizontal Angle = 60, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

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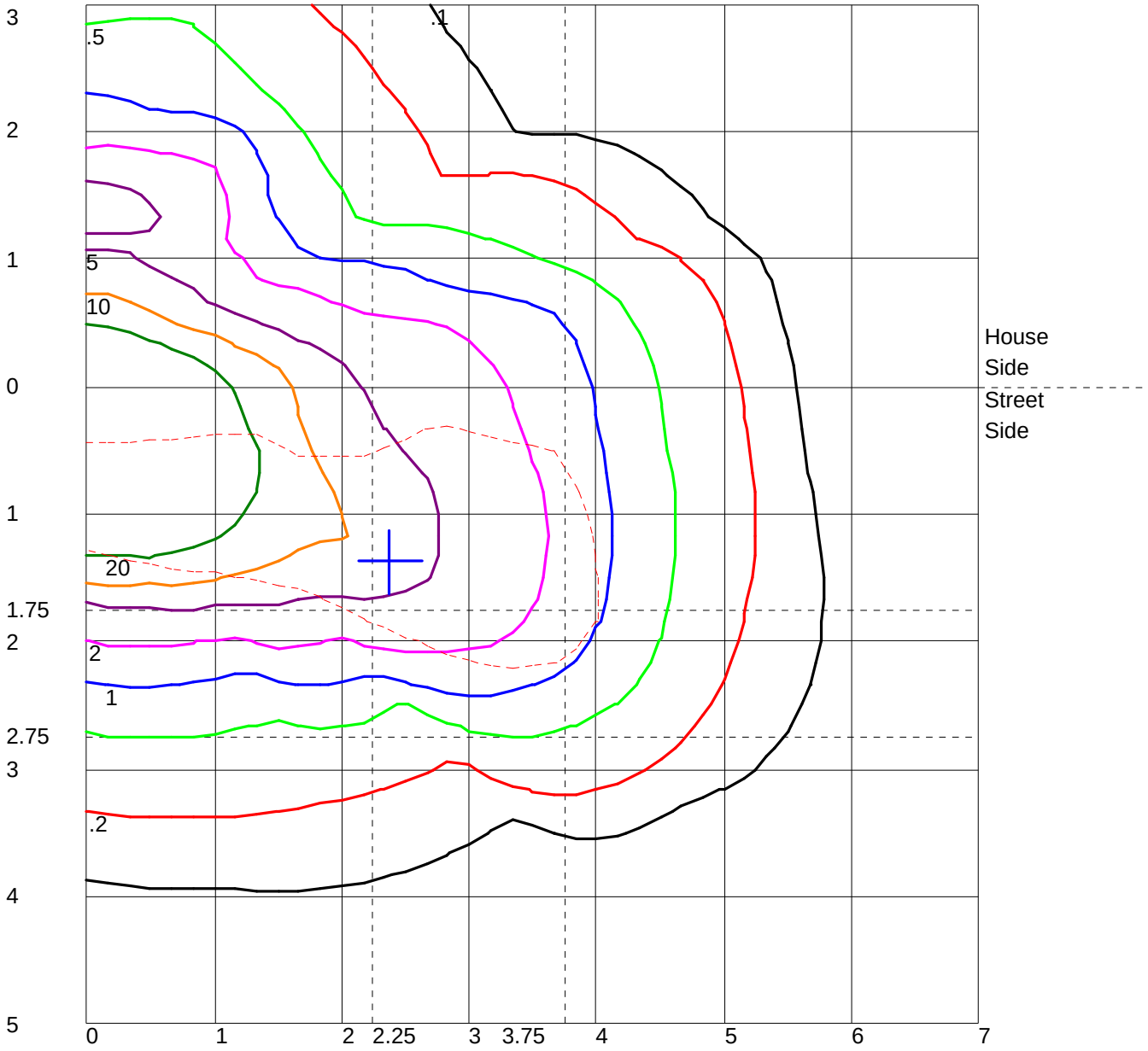
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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