

TECNOWATT

I L U M I N A Ç Ã O

IES ROAD REPORT

PHOTOMETRIC FILENAME : NATLX_GTF_2MR_DL233W600I_128LED_ISTANIUM.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]NATLX_GTF_2MR_DL233W600I_128LED_ISTANIUM
[DATA]13/12/2016
[MANUFACT]LABORATORIO TECNOWATT
[LUMCAT]
[LUMINAIRE]NATLX_GTFR2MR_DL233W600IA22S1-10C1GY9007
[LAMP]128LEDs
[LAMPCAT]
[INPUT VALUE]220VCA 1.08A 233W 0.98FP
RUBENS
[Fluxo de Calculo]27090

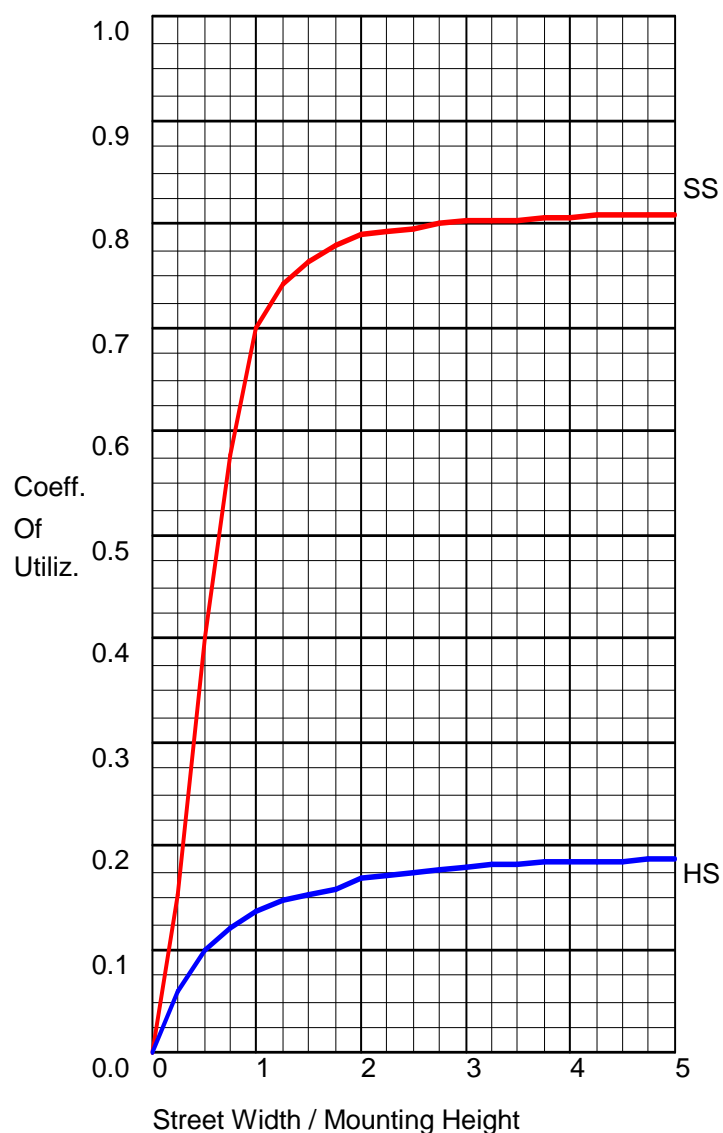
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	27090 (1 lamp)
Total Lamp Lumens	27090
Luminaire Lumens	27090
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	271
Total Luminaire Watts	100
Ballast Factor	1.00
Maximum Candela	27825
Maximum Candela Angle	75H 68V
Maximum Candela (<90 Degrees Vertical)	27825
Maximum Candela Angle (<90 Degrees Vertical)	75H 68V
Maximum Candela At 90 Degrees Vertical	35 (0.1% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1337.5 (4.9% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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COEFFICIENTS OF UTILIZATION



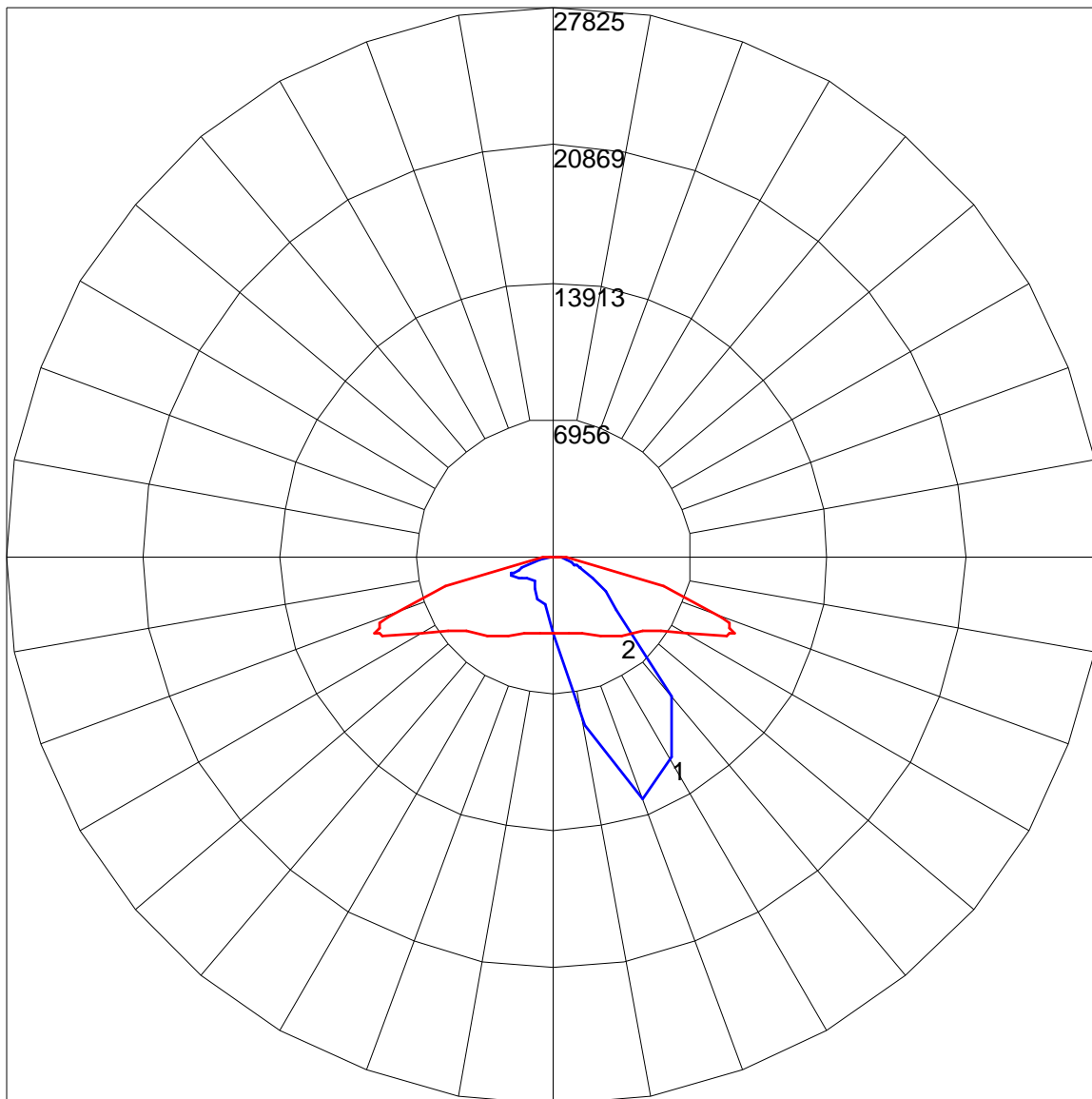
FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	21999.2	81.2
Downward House Side	5090.5	18.8
Downward Total	27089.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	27089.7	100.0

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POLAR GRAPH

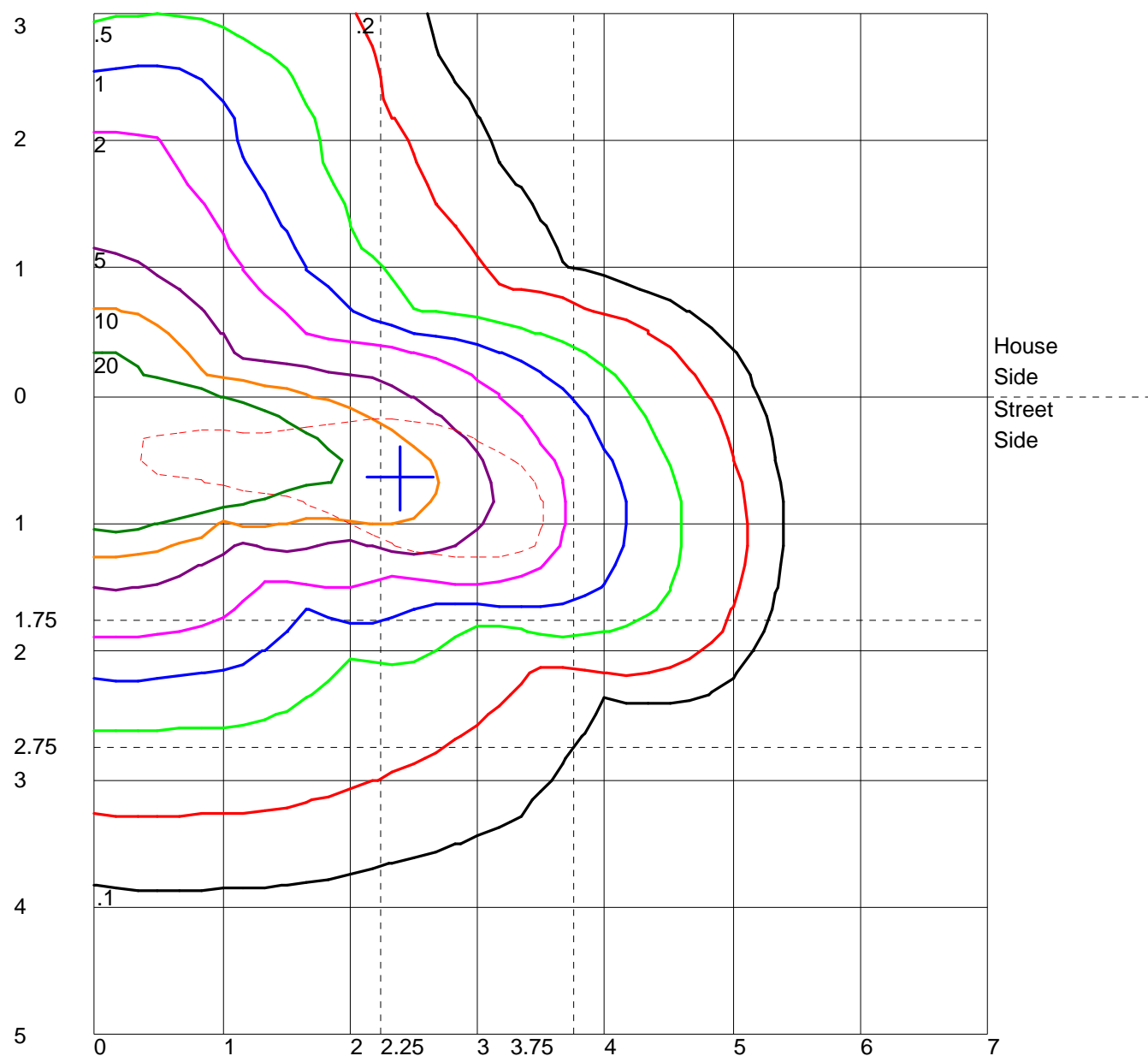


Maximum Candela = 27825 Located At Horizontal Angle = 75, Vertical Angle = 68

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

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

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