

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : H-19120 200W INC.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] 19996  
[MANUFAC]HI-LITE MANUFACTURING - RADIAL SHADE  
[LUMCAT]H-191-20  
[LUMINAIRE]WITH GALVANIZED INTERIOR AND NO LENS  
[LAMP]ONE GE 200 WATT INCANDESCENT LAMP  
[LAMPCAT]200W/A21. LUMEN RATING = 3920 LMS.  
[OTHER]OPERATING AT 120 VAC AND 200 WATTS

**CHARACTERISTICS**

IES Classification	Type V
Longitudinal Classification	Very Short
Cutoff Classification	Non-Cutoff
Total Rated Lamp Lumens	3920
Maximum Candela	649.7
Maximum Candela Angle	0H 0V
Maximum Candela At 90 Degrees Vertical	315 (8.04% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	371.1 (9.47% Lamp Lms)
Downward Total Efficiency	76.0%

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : H-19120 200W INC.IES**

**CANDELA TABULATION**

**Vert. Horizontal Angles**

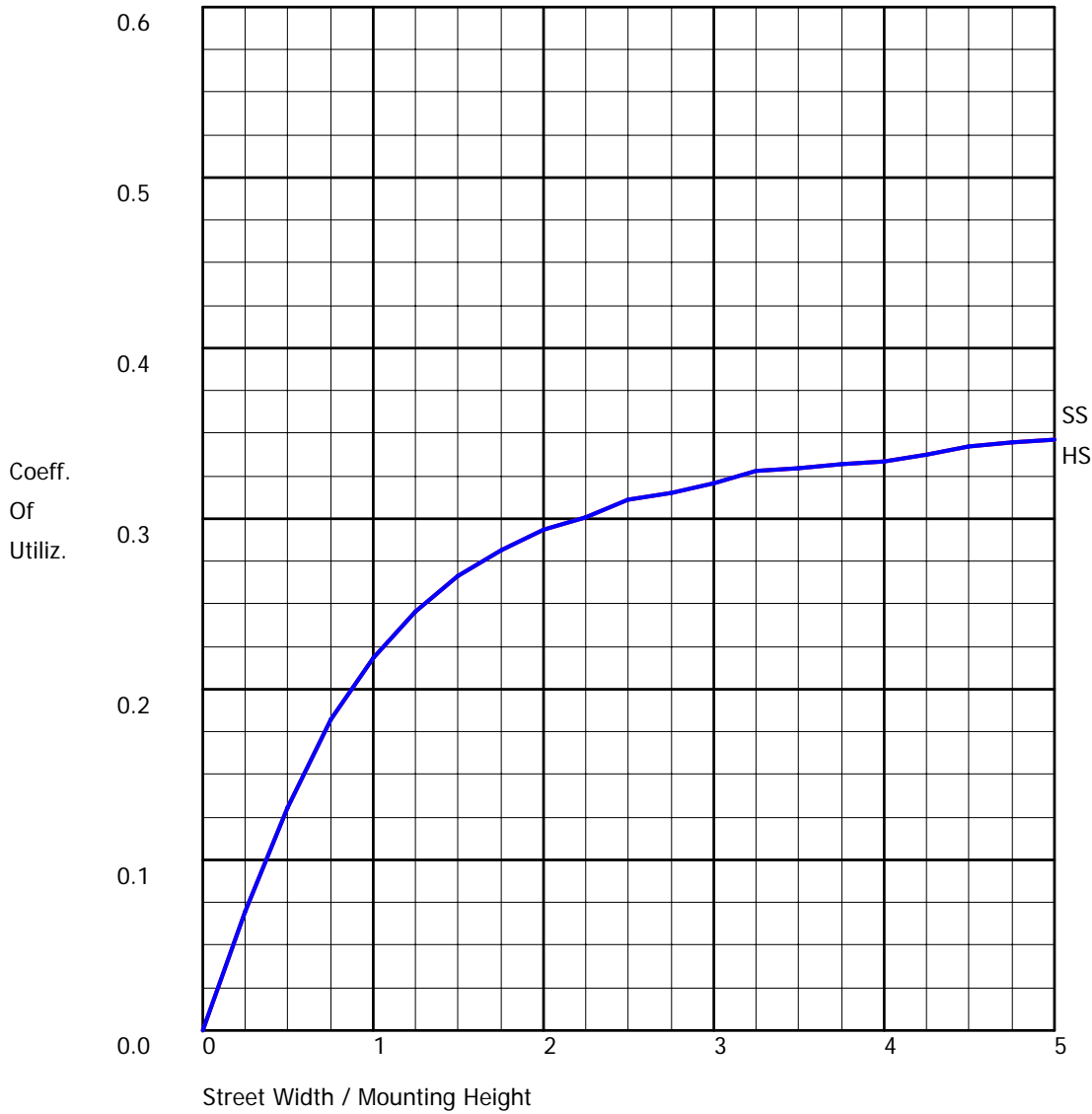
<b>Vert. Angles</b>	<b>Horizontal Angles</b>
	<u>0</u>
<b>0</b>	649.7
<b>2.5</b>	647
<b>5</b>	640.6
<b>7.5</b>	631.1
<b>10</b>	618.3
<b>12.5</b>	605.6
<b>15</b>	593.5
<b>17.5</b>	584.1
<b>20</b>	578
<b>22.5</b>	576.2
<b>25</b>	576.8
<b>27.5</b>	578.7
<b>30</b>	580.4
<b>32.5</b>	581.6
<b>35</b>	582.7
<b>37.5</b>	584.2
<b>40</b>	584.4
<b>42.5</b>	582.5
<b>45</b>	578.2
<b>47.5</b>	570.5
<b>50</b>	557.6
<b>52.5</b>	539.7
<b>55</b>	515.9
<b>57.5</b>	490.6
<b>60</b>	464.5
<b>62.5</b>	441.9
<b>65</b>	422.4
<b>67.5</b>	407.8
<b>70</b>	396.5
<b>72.5</b>	387
<b>75</b>	380.9
<b>77.5</b>	376
<b>80</b>	371.1
<b>82.5</b>	364
<b>85</b>	356
<b>87.5</b>	341.7
<b>90</b>	315
<b>92.5</b>	268.1
<b>95</b>	195.9
<b>97.5</b>	112.2
<b>100</b>	38.4
<b>102.5</b>	4.6
<b>105</b>	0
<b>107.5</b>	0
<b>110</b>	0
<b>112.5</b>	0
<b>115</b>	0
<b>117.5</b>	0
<b>120</b>	0
<b>122.5</b>	0
<b>125</b>	0
<b>127.5</b>	0
<b>130</b>	0

IES ROAD REPORT  
PHOTOMETRIC FILENAME : H-19120 200W INC.IES

CANDELA TABULATION - (Cont.)

132.5	0
135	0
137.5	0
140	0
142.5	0
145	0
147.5	0
150	0
152.5	0
155	0
157.5	0
160	0
162.5	0
165	0
167.5	0
170	0
172.5	0
175	0
177.5	0
180	0

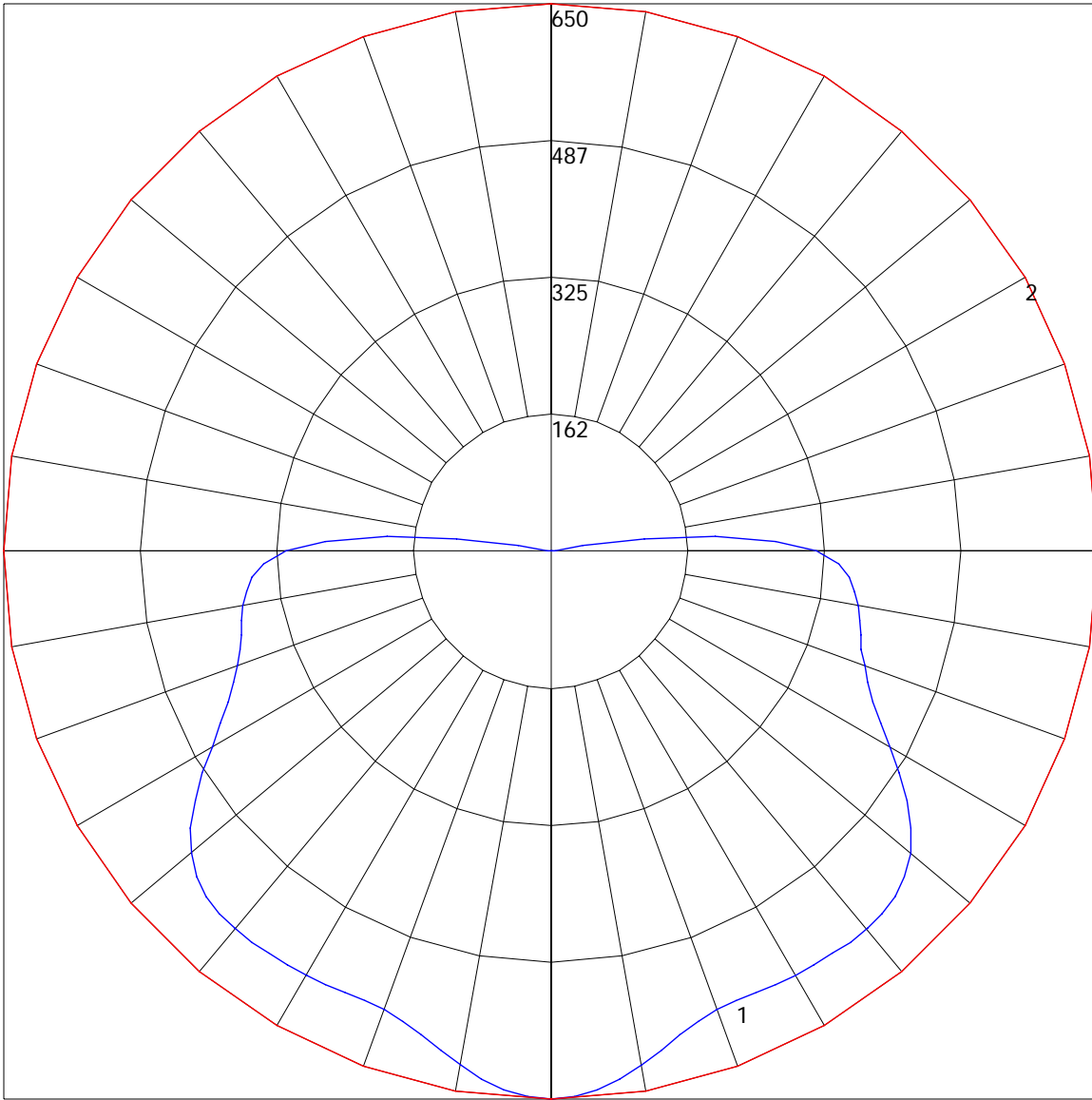
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

	Lumens	Percent Of Lamp
Downward Street Side	1488.7	38.0
Downward House Side	1488.7	38.0
Downward Total	2977.4	76.0
Upward Street Side	106.1	2.7
Upward House Side	106.1	2.7
Upward Total	212.2	5.4
<b>Total Flux</b>	<b>3189.6</b>	<b>81.4</b>

POLAR GRAPH



Maximum Candela = 649.7 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

