

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : H-16112 26W CFL.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] 19987  
[MANUFAC]HI-LITE MANUFACTURING - DEEP BOWL  
[LUMCAT]H-161-12  
[LUMINAIRE]WITH WHITE INTERIOR AND CLEAR RIBBED GLASS JAR LENS  
[LAMP]ONE SYLVANIA 42 WATT CPFL LAMP  
[LAMPCAT]CF42DT/E/827. LUMEN RATING = 3200 LMS.  
[OTHER]ONE ACE TP2/26RS-UV BALLAST OPERATING AT 120 VAC AND 39 WATTS

**CHARACTERISTICS**

IES Classification	Type V
Longitudinal Classification	Very Short
Cutoff Classification	Cutoff
Total Rated Lamp Lumens	3200
Maximum Candela	466.5
Maximum Candela Angle	0H 40V
Maximum Candela At 90 Degrees Vertical	6.3 (0.20% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	112.3 (3.51% Lamp Lms)
Downward Total Efficiency	61.7%

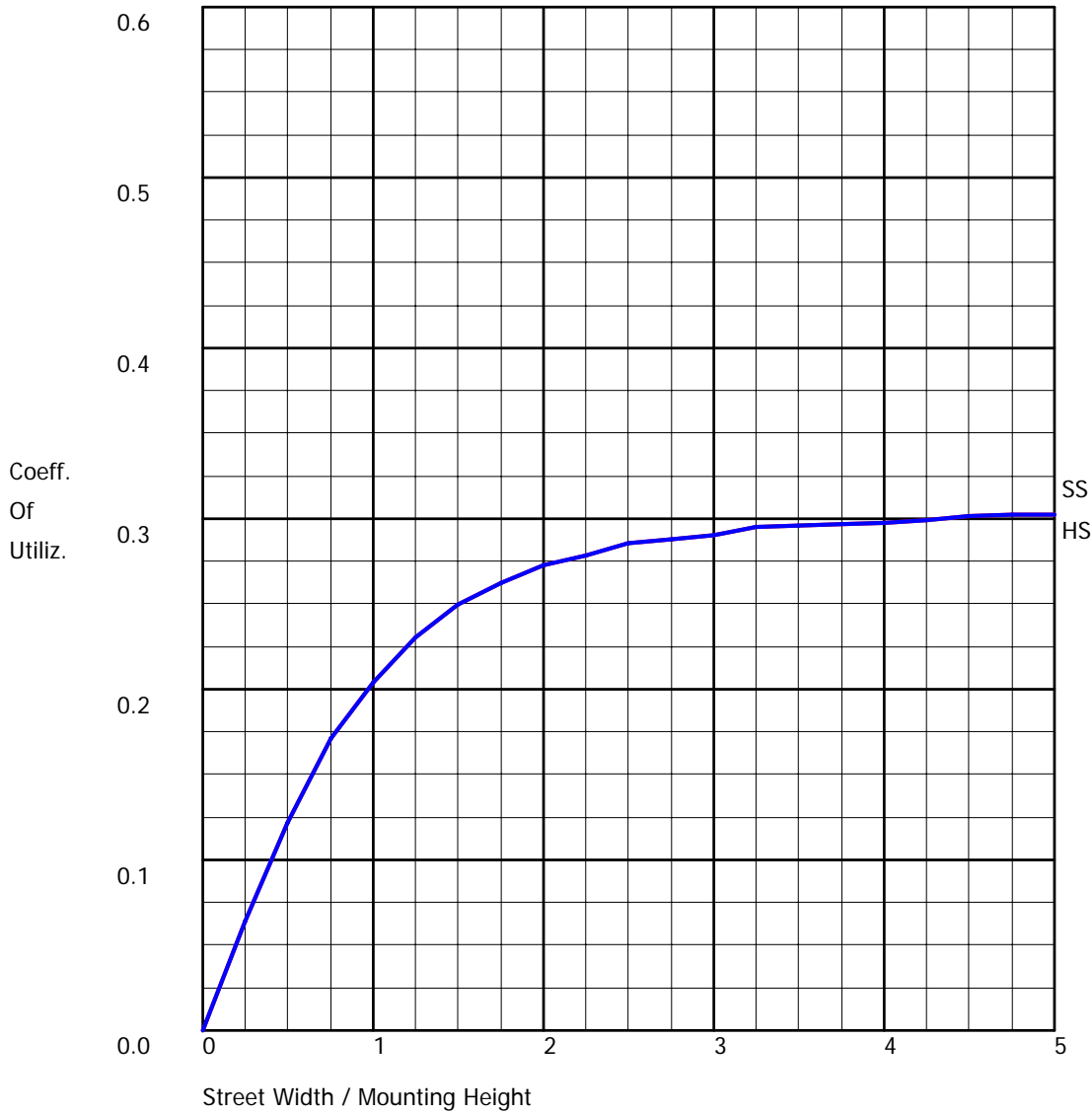
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**CANDELA TABULATION**

**Vert. Horizontal Angles**  
**Angles**

	<u>0</u>
<b>0</b>	418.3
<b>2.5</b>	419.2
<b>5</b>	423.1
<b>7.5</b>	428.1
<b>10</b>	432.1
<b>12.5</b>	434.9
<b>15</b>	437.8
<b>17.5</b>	440.6
<b>20</b>	443.4
<b>22.5</b>	446.1
<b>25</b>	449.1
<b>27.5</b>	452.8
<b>30</b>	456.7
<b>32.5</b>	460.8
<b>35</b>	464
<b>37.5</b>	465.8
<b>40</b>	466.5
<b>42.5</b>	466.5
<b>45</b>	465.7
<b>47.5</b>	463.7
<b>50</b>	459.5
<b>52.5</b>	449.8
<b>55</b>	432.6
<b>57.5</b>	410.3
<b>60</b>	382.5
<b>62.5</b>	352.8
<b>65</b>	319.8
<b>67.5</b>	286.3
<b>70</b>	252.3
<b>72.5</b>	216.9
<b>75</b>	182
<b>77.5</b>	145.8
<b>80</b>	112.3
<b>82.5</b>	78.7
<b>85</b>	49.9
<b>87.5</b>	24
<b>90</b>	6.3

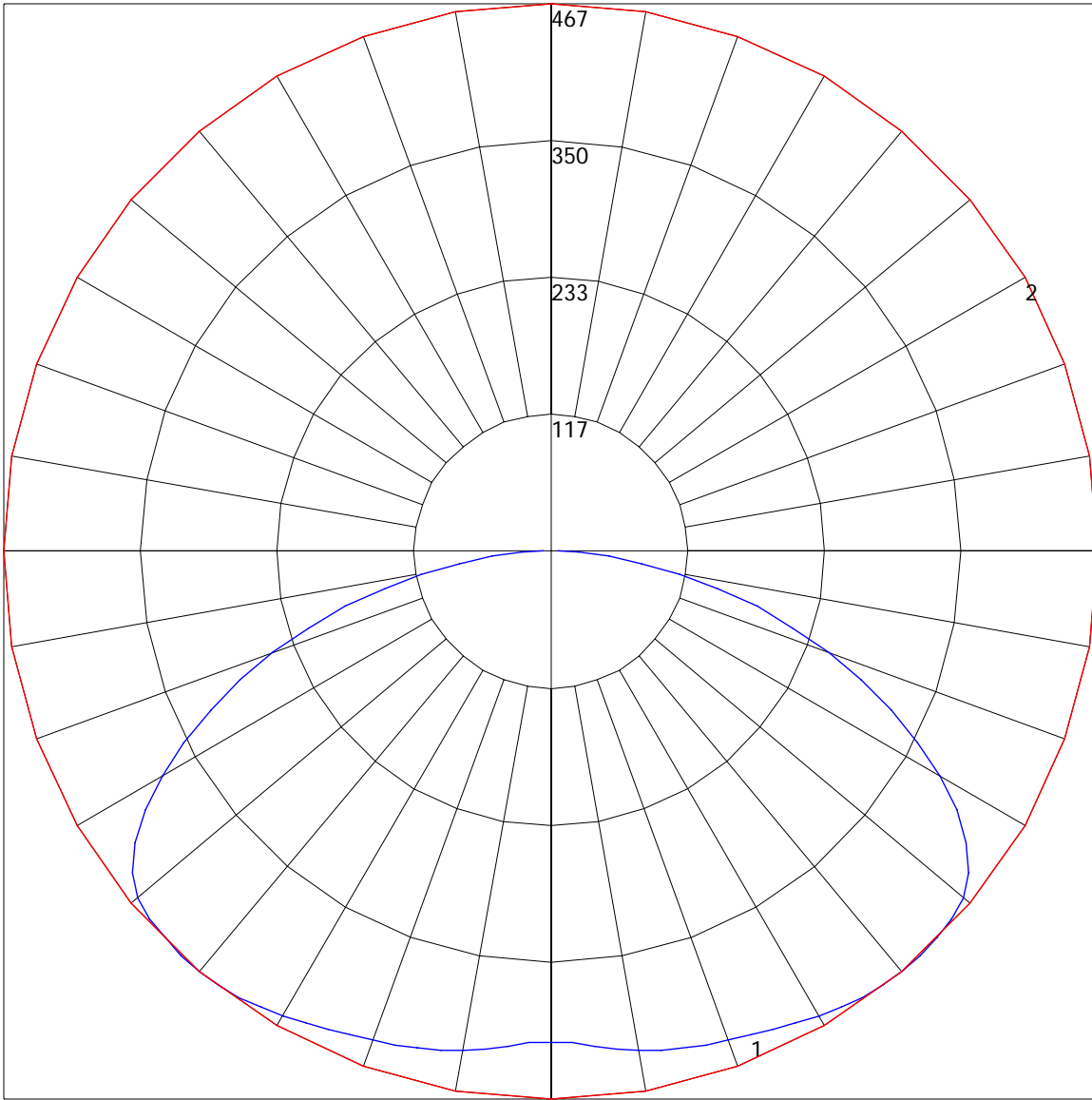
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

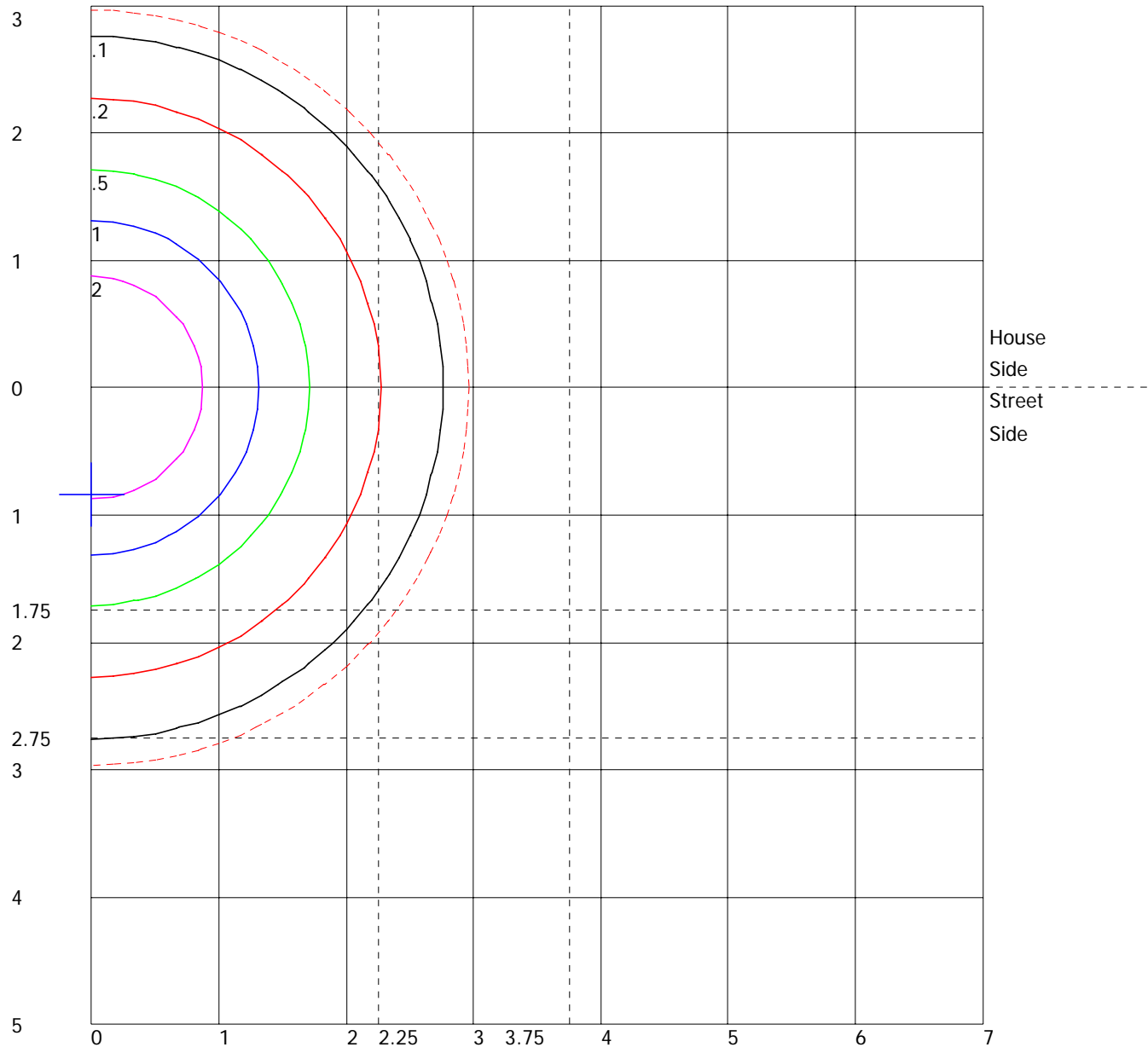
	Lumens	Percent Of Lamp
Downward Street Side	986.5	30.8
Downward House Side	986.5	30.8
Downward Total	1973.0	61.7
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
<b>Total Flux</b>	<b>1973.0</b>	<b>61.7</b>

POLAR GRAPH



Maximum Candela = 466.5 Located At Horizontal Angle = 0, Vertical Angle = 40  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (40) (Through Max. Cd.)

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