


- Used for Additional Tubing & Angle Adaptors
 - Develop Factors due to Variance from Test Configuration.
 - Table will help you calculate the actual light loss associated with tubing and angles, however, the factors entered into Lighting Design Calculation Tools represent the effective light remaining
 - Light Loss Factor = (100 - Tubing Factor Calculated)%

Table 1: Spectralight® Infinity Efficiency and Light Loss Factors									
	160 DS Spectralight® Infinity Tubing			290 DS Spectralight® Infinity Tubing			330 DS & 750 DS Spectralight® Infinity Tubing		
Solar Altitude Angle	30°	40°	50°	30°	40°	50°	30°	40°	50°
Light Loss per Linear Foot (304.8mm)	0.94%	0.66%	0.47%	0.62%	0.43%	0.31%	0.45%	0.31%	0.22%
Loss for 10ft (3048mm) tube run	9.41%	6.57%	4.67%	6.16%	4.30%	3.06%	4.47%	3.12%	2.22%
Loss for 20ft (6096mm) tube run	18.81%	13.13%	9.34%	12.33%	8.61%	6.12%	8.94%	6.24%	4.43%
Loss for 30ft (9144mm) tube run	28.22%	19.70%	14.00%	18.49%	12.91%	9.18%	13.41%	9.36%	6.65%
Loss for 40ft (12192mm) tube run	37.63%	26.27%	18.67%	24.65%	17.21%	12.23%	17.87%	12.48%	8.87%
0-90 Degree Extension Tube (loss per elbow)*	5%	5%	5%	5%	5%	5%	5%	5%	5%

*Average loss (varies slightly @ lower Solar Altitude Angles)

 For optimal performance, Solatube recommends not exceeding suggested tube lengths.

