# Instructions for USING IES FILES FOR E2 LINEAR AND CONFIGURATION OPTIONS

E2 Linear and Configuration options use the same ies files.

For custom fixture lengths and for configurations of the E2, you can use the ies files that have been adjusted to represent a 1’ length to help build your fixture layout in your lighting calculation software. (Note: the minimum individual fixture length is 2 feet)

If you need assistance or have questions, our lighting applications team is available to help you:

<http://www.finelite.com/service/request-info/request-design-support/>

# Instructions for Adjusting Lumens for other CCTs and CRIs

#### Concept and Sample calculation

The IES files and LM-79 reports available for download on our website are for 80 CRI, 3500K CCT luminaires. To adjust the lumen output to represent other CCT and CRI options, use the Lumen Adjustment Factors shown below in your calculations.

|  |  |  |
| --- | --- | --- |
| **CRI** | **CCT** | ***Lumen Adjustment Factor*** |
| 80 | 3000K | 0.985 |
| 80 | 3500K | 1.000 |
| 80 | 4000K | 1.032 |
| 90 | 3000K | 0.746 |
| 90 | 3500K | 0.760 |
| 90 | 4000K | 0.789 |

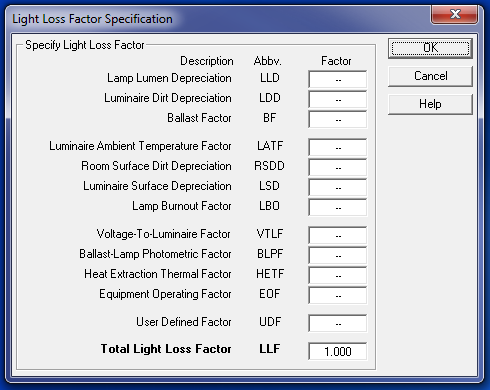
**Sample formula adjusting lumen output from 80 CRI-3500K to 90 CRI-3000K:**

Lumen Adjustment Factor(90 CRI-3000K) = 0.746

Total Light Output(90 CRI-3000K)  = Total Light Output(80 CRI - 3500K)  x Lumen Adjustment Factor(90 CRI-3000K)

#### Using Lumen Adjustment Factors in AGI

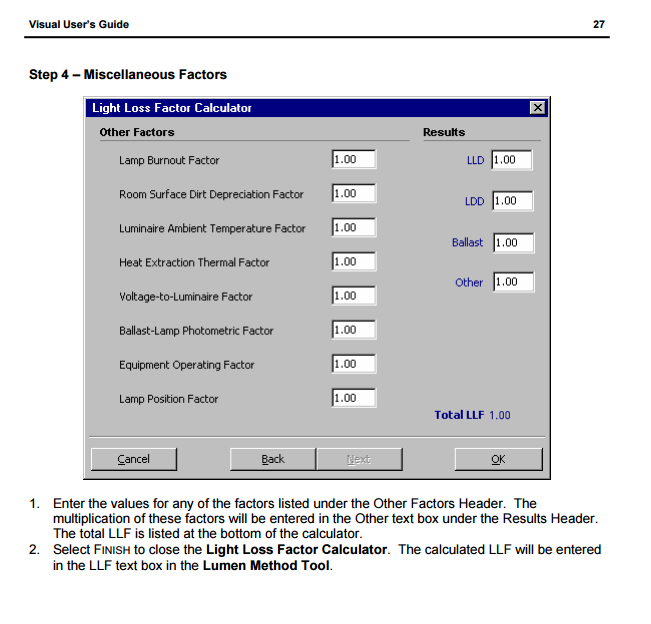
When using the AGI software package, the Lumen Adjustment Factor can be entered into the **User Defined Factor** (UDF) cell:



Enter Lumen Adjustment Factor here

#### Using Lumen Adjustment Factors in Visual User

When using the Visual User software package, the Lumen Adjustment Factor can be entered into the **Other** cell: 

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Enter Lumen Adjustment Factor here