

## 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	<i>Lumen Adjustment Factor</i>
80	3000K	0.985
80	3500K	1.000
80	4000K	1.032
90	3000K	0.746
90	3500K	0.760
90	4000K	0.789

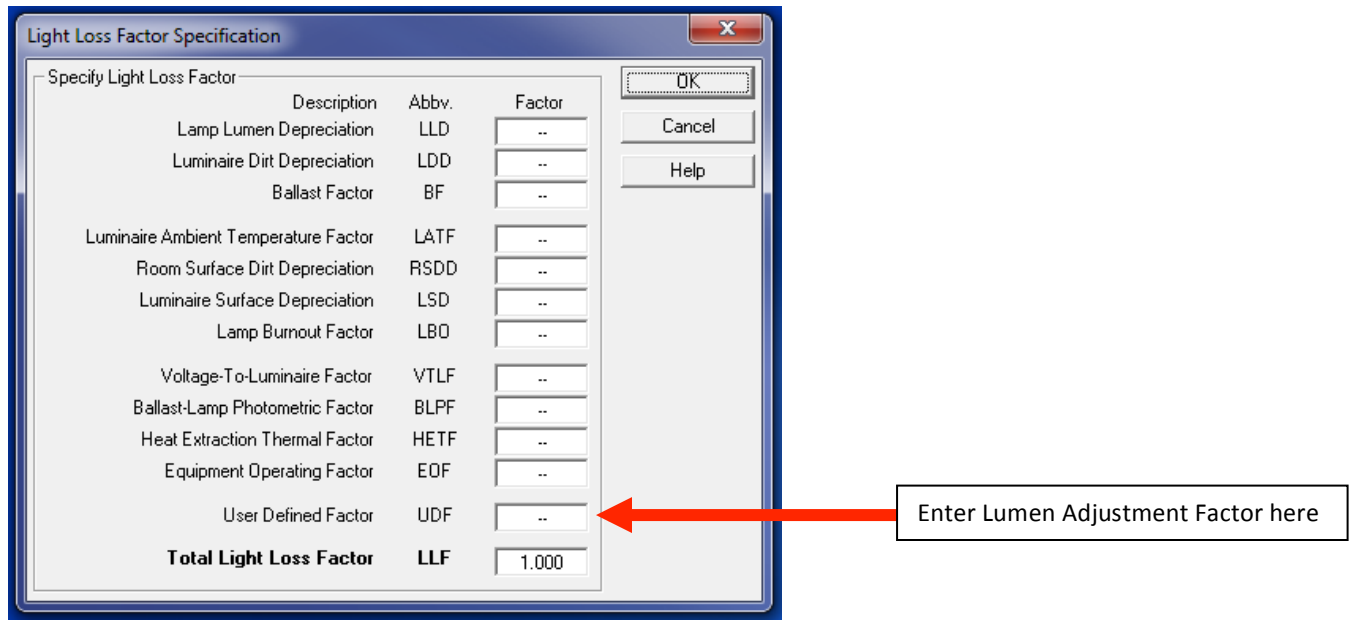
### Sample formula adjusting lumen output from 80 CRI-3500K to 90 CRI-3000K:

Lumen Adjustment Factor<sub>(90 CRI-3000K)</sub> = 0.746

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

## USING LUMEN ADJUSTMENT FACTORS IN AGI

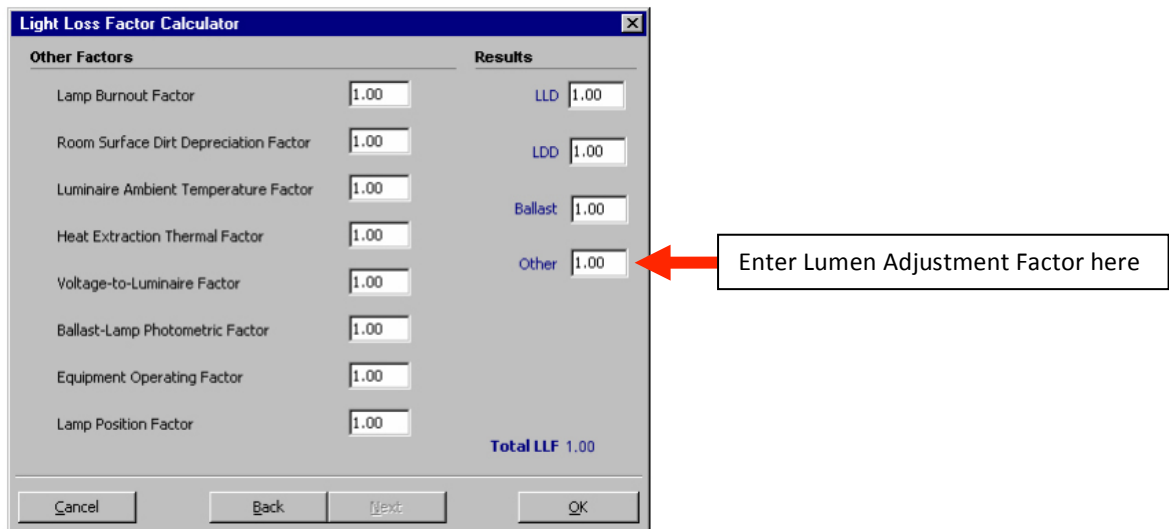
When using the AGI software package, the Lumen Adjustment Factor can be entered into the **User Defined Factor** (UDF) cell:



## 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:

### Step 4 – Miscellaneous Factors



1. Enter the values for any of the factors listed under the Other Factors Header. The multiplication of these factors will be entered in the Other text box under the Results Header. The total LLF is listed at the bottom of the calculator.
2. Select FINISH to close the **Light Loss Factor Calculator**. The calculated LLF will be entered in the LLF text box in the **Lumen Method Tool**.