

.IES File Multipliers

The provided .IES file multiplier values have been calculated by ALW based on an accredited laboratory produced file for an 80CRI 4000K fixture. To adjust your .IES files to different CCTs and CRIs follow the instructions below.

This list applies to ALW's full product portfolio. Not all CRI, CCT, and OUTPUT options below are available for each product family. See the product spec sheet for available options or contact customer support for custom options.

80 CRI

CRI	CCT	OUTPUT	MULTIPLIER	INSTRUCTIONS
80CRI	2700K	MAX	0.900	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.900
		HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.900
		MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.900
		LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.900
		MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.900
	3000K	MAX	0.951	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.951
		HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.951
		MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.951
		LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.951
		MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.951
	3500K	MAX	0.980	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.980
		HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.980
		MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.980
		LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.980
		MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.980
	4000K	MAX	1.000	<i>Provided .IES files are 80CRI 4000K</i>
		HI		
		MED		
		LOW		
		MIN		
5000K	MAX	1.011	Open 80CRI 4000K Max .IES file. Adjust multiplier to 1.011	
	HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 1.011	
	MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 1.011	
	LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 1.011	
	MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 1.011	

90 CRI

CRI	CCT	OUTPUT	MULTIPLIER	INSTRUCTIONS
90 CRI	2700K	MAX	0.747	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.747
		HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.747
		MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.747
		LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.747
		MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.747
	3000K	MAX	0.789	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.789
		HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.789
		MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.789
		LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.789
		MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.789
	3500K	MAX	0.813	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.813
		HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.813
		MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.813
		LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.813
		MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.813
	4000K	MAX	0.830	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.830
		HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.830
		MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.830
		LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.830
		MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.830
5000K	MAX	0.839	Open 80CRI 4000K Max .IES file. Adjust multiplier to 0.839	
	HI		Open 80CRI 4000K Hi .IES file. Adjust multiplier to 0.839	
	MED		Open 80CRI 4000K Med .IES file. Adjust multiplier to 0.839	
	LOW		Open 80CRI 4000K Low .IES file. Adjust multiplier to 0.839	
	MIN		Open 80CRI 4000K Min .IES file. Adjust multiplier to 0.839	