

IES CORRECTION FACTORS FOR ELR MODULAR FIXTURES



Fixtures	Single CCT Series LED Modules	IES Correction Factor
Size-6 Fixtures with 300, 500 or 700 series LED module	700P	1.00
	500P	0.81
	300P	0.54
Size-4, Size-6 Fixtures with 100 series LED module	100P / 100PLE	1.00
	100C / 100CLE	0.69
	100CLO	0.53
Size-3, Size-4 Fixtures with 35, 50 series, or COIN LED module	50P	1.00
	50C	0.79
	50N	0.61
	35N	0.45
	COIN	0.36
	50N ND+	1.00
	35N ND+	0.67
Size-2 Fixtures with 20 series LED module	20P	1.00
	20C	0.77
Fixtures	Colour Temperature (CCT)	IES Correction Factor
Applicable to all Fixtures	2700K	1.00
	3000K	1.00
	3500K	1.00
	4000K	1.05
	5000K	1.05
FIXTURES	Standard (CRI~85) and ProART (CRI~95)	IES Correction Factor
Applicable to all Fixtures	Standard, CRI~85	1.00
	ProART, CRI~95	0.85
<i>Example: correction factor for 50C 2700K using 50P IES files is 0.79</i> <i>Example: correction factor for 35N 4000K using 50P IES files is $0.45 \times 1.05 = 0.4725$</i> <i>Example: correction factor for 35N 2700K ProART using 50P IES files is $0.45 \times 0.85 = 0.3825$</i>		

Fixtures	Warm Dim Series LED Modules	IES Correction Factor
Size-3, Size-4 Fixtures with 35, 50 series, or COIN LED module	50P Warm Dim (ProART, CRI~95)	1.00
	50N Warm Dim (ProART, CRI~95)	1.00
	35N Warm Dim (ProART, CRI~95)	0.72
	COIN Warm Dim (ProART, CRI~95)	0.60
Size-2 Fixtures with 20 series LED module	20P Warm Dim (ProART, CRI~95)	1.00
	20C Warm Dim (ProART, CRI~95)	0.78
<i>Example: correction factor for 35N Warm Dim using 50N Warm Dim IES files is 0.72</i>		

Fixtures	tuneWHITE™ / flexiK Series LED Modules	IES Correction Factor
Size-3, Size-4 Fixtures with 35, 50 series, or COIN LED module	50P tuneWHITE™ / flexiK (ProART, CRI ~95)	1.00
	50N tuneWHITE™ / flexiK (ProART, CRI ~95)	0.60
	COIN tuneWHITE™ / flexiK (ProART, CRI ~95)	0.36
Size-2 Fixtures with 20 series LED module	20P tuneWHITE™ / flexiK (ProART, CRI ~95)	1.00
	20C tuneWHITE™ / flexiK (ProART, CRI ~95)	0.78
<i>Example: correction factor for 50N tuneWHITE™ using 50P tuneWHITE™ IES files is 0.60</i>		