

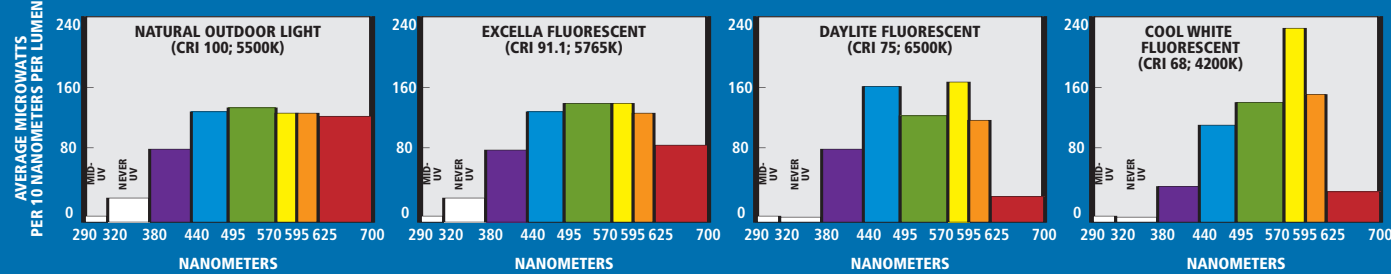
## Premium EXCELLA Lamps for Every Application and Budget

Watts	Base	Description	Normal Lth. (in.)	Apprx. Hours	Initial Lumens	Design Lumens	CRI
<b>T-8 STANDARD</b>							
32	Med Bi Pin	F32T8/EXCELLA	48	20000	2895	2650	91
<b>T-12 STANDARD</b>							
40	Med Bi Pin	F40T12/EXCELLA	48	20000	2150	1900	91
		F40T12/EXCELLA/Overwrap	48	20000	2150	1900	91
		F40T12/EXCELLA/Strong Box	48	20000	2150	1900	91
		F40T12/EXCELLA/Strong Box	48	20000	2150	1900	91
75	Single Pin	F96T12/EXCELLA	96	12000	5370	4720	91
		F96T12/EXCELLA/Overwrap	96	12000	5370	4720	91

# excella lamps

the natural choice for natural lighting

## Full spectrum light that makes seeing easier and the indoor environment more pleasant



As the North American division of a global lighting manufacturer, SLI is committed to technological innovation and trusted product quality. Best-in-class customer service and logistics are the benchmarks of our customer partnerships. Net pricing, lower transaction costs and an ease of doing business sets SLI and our products apart. SLI manufactures to comply with many international standards, including IEC, ANSI, ISO 9000, ISO 14000, UL and ENERGY STAR.



## SLI EXCELLA LAMPS:

### Full spectrum lighting that simulates natural sunlight

The high color rendering and high color temperature qualities of SLI Excella lamps create lit environments where interior surfaces, objects, colors and textures appear as clear, sharp and crisp as they would in natural daylight.

The advantages of full spectrum Excella lamps in the indoor environment include perceiving fine details more clearly, performing visually demanding tasks (such as color matching) more effectively, reducing glare which lessens eye fatigue and strain, and reducing maintenance and replacement cost due to its long life.

#### High-def Color Rendition

Color Temperature is expressed in degrees Kelvin (K) to indicate the color appearance of the light source and the light emitted from it. Daylight is about 5500 degrees Kelvin. Excella's color temperature of 5765K provides light comparable to the noon daylight in the north sky.

Color Rendering Index (CRI) rates how well the light demonstrates colors in objects in comparison with natural daylight, which has a CRI of 100. The closer the CRI of a lamp is to 100, such as Excella's CRI of 91, the more accurately it articulates true colors.

Available in energy-efficient T8 and T12 models with medium and single bi-pin bases, SLI Excella lamps provide color correct and chromatically balanced light, setting the standard for general-purpose fluorescent lighting that simulates and delivers the visual advantages of natural daylight.



Studies document that, just as in a naturally lit environment, people feel better, are more alert and perform tasks more accurately with natural lighting like Excella. People see better and work more productively because Excella lamps illuminate details and color as only natural daylight can do.

#### Benefits of Natural Excella Lighting

- Increased visual acuity
- Enhances color perception and detail
- Reduces glare and eye strain
- Improves productivity
- Improves retail sales
- Lit spaces appear brighter, more vibrant

Excella lighting blends seamlessly with natural light

from windows and skylights—an important design consideration with today's increased use of energy-efficient daylight harvesting controls which automatically dim fluorescent light in response to the presence of natural light.

#### A Full Spectrum of Applications

Numerous studies have documented that visual acuity, visual task performance and accurate color rendition are significantly improved when lighting is provided by high color temperature (>5500K) full spectrum lamps, making Excella ideal for a wide variety of applications, particularly where color matching is critical.

- Offices
- Retail/Jewelry Stores
- Factories
- Graphics/Printing
- Schools
- Medical/Dental Facilities
- Laboratories
- Museums/Galleries



Excella's balanced-spectrum natural light makes reading easier and significantly reduces eyestrain. When used in dental labs, printing plants, clothing stores and paint stores, Excella fluorescent lighting helps ensure accurate color shade perception and matching.

#### Excella: The One-for-one Replacement

While Excella fluorescents produce somewhat fewer lumens of light for the same wattage lamp than cool white fluorescents, they actually provide improved seeing power. It is well documented that footcandle and lumen measurements of illumination do not adequately define light output for visual acuity.

Light from high color rendering Excella lamps provides equivalent seeing power at only 60% to 70% of the footcandle level of a standard high lumen output lamp such as a cool white. Hence the same wattage Excella lamp can replace conventional lamps one-for-one and seeing power will be increased. Excella lamps install and operate perfectly in existing standard fixtures and are backed by a manufacturer's warranty against early lamp failure.



# SLI LIGHTING