



FINELITE
Better Lighting

Tunable White Luminaires

FineTune™
Controls System





Tunable White luminaires from Finelite help a lighting designer tailor the color and feel of a space to user needs and desires.

**Comprehensive
Product Selection**

**2700K to
6500K**
80+ and 90+ CRI

L90
100,000+ hrs

**10-Day
Shipping**



Our award-winning FineTune controls system includes an intuitive wall-mounted controller, power control center, driver, and mobile app to easily tailor lighting to match user preference.

**Commissioning
Simplified**

Bundled

Sensors

**10-Year
Warranty**

Tunable White in 4 Easy Steps

1

Select your luminaires

2

Select your controls architecture

3

Select your controls system

4

Select your system options

1

Luminaires

Finelite's Tunable White technology is available with all of our most popular LED luminaires.



HP-4 LED*
Collection



HP-2 LED**
Collection



HP-6 LED**
Collection



HP-WS LED



HPR LED
Collection



HPW LED



S11 LED Cove
Micro Profile



S11 LED Cove
Standard



S12 LED



S16 LED



S17 LED



S18 LED

* HP-4 protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

** HP-2 and HP-6 protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S; D727,551 S

2

Controls Architecture

Drivers

Finelite offers Tunable White luminaires for use with a variety of controls architectures including DMX, DALI (open or proprietary), or Power over Ethernet (PoE).



Finelite's own DMX driver ships standard with the FineTune controls system. This 2-channel driver controls CCT from 2700K to 6500K and dimming down to 1%. The FineTune controls system is also compatible with DMX drivers by others.



Pre-qualified DMX drivers and DMX controls by others can also be specified. Finelite will provide all hardware required as well as detailed instructions for working with these systems. 2700K – 6500K CCT, dimming to 1%. RDM-enabled. Pre-qualified driver: eldoLED.



For DALI controls systems, pre-qualified DALI drivers are pre-wired to support a single DALI bus. Finelite supports two single-channel DALI drivers or one dual-channel DALI driver. 2700K – 6500K CCT, dimming to 1%. Pre-qualified drivers: eldoLED and Crestron.



Finelite will custom wire most PoE control systems. Contact Finelite for integration support. 2700K – 6500K CCT.

3

Controls System

FineTune™



Wall Controller – User Interface

Ships standard with the FineTune Wall Controller featuring easy-to-understand user controls.

- Intuitive design
- Preset color and dim levels
- Stepped dimming functionality



Mobile App – User Interface

Add flexibility with the free mobile app for controlling Tunable White luminaires with the FineTune controls system.

- Bluetooth® connectivity
- Individual room control
- Apple iOS
- Android



Or Controls by Others

Consult Factory for more information.

4

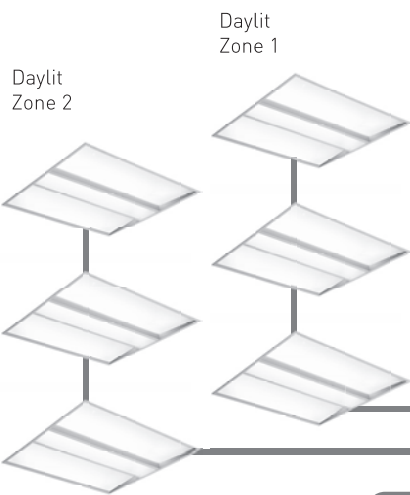
System Options

FineTune System Options

Patent pending

FineTune lets specifiers select Occupancy or Vacancy sensor control, and one, two, or no daylight sensor controlled zones. All connections are made via easy-to-install, plug-and-play cables provided by Finelite. Built-in controls make it easy to comply with new energy codes.

Control Zone Options



High Voltage Line In

FineTune Power Control Center (PCC)

Cables by Finelite



FineTune Wall Controller



Local Control

DMX Output for General Lighting (Non-Daylit Zone)

DMX Central Control
• Master control to manage multiple PCCs
• Demand response

Occupancy Sensor Ports

- Manual On / Auto Off (vacancy)
- Auto On / Auto Off



24V Occupancy or Vacancy Sensor



24V Occupancy or Vacancy Sensor

Daylight Sensor Ports

- Two daylight zones



0-10V Daylight Sensor Zone 2



0-10V Daylight Sensor Zone 1



Tunable White Applications

Affordable, durable, and beautiful. The better choice for many applications.



Office

Designers are using tunable white to enhance the impact of interior designs and architecture. Responding to emerging knowledge about light, health, and well building, they are tuning office lighting to mimic the natural color patterns throughout a day.



Classroom

Leveraging Department of Energy (DOE) research on lighting the classroom of the future, schools are testing teacher-driven tuning of intensity and color to support specific activities such as student presentations, audiovisual displays, group activities and labs, and quiet time.



Healthcare

Lighting researchers, hospitals, and senior living facilities are examining the potential for tunable white-induced circadian stimulus to enhance comfort, accelerate healing, increase wakefulness during the day and increase hours of continuous sleep at night.



Sports

Sports teams are experimenting with color tuning to improve the spectator viewing experience and to enhance players' visual acuity and reduce their jet lag and travel fatigue.



Hospitality

Set color and intensity to different activities in shared venues to enable individual user preference for each room.



Retail

Tune the light to complement colors and respond to the seasons. Retailers are examining the potential for increased sales and foot traffic based on tuning the light.



Tunable White Luminaires



Tunable White LED luminaires can provide a high level of light quality with precise control. Designers are able to adjust the color and feel of a space to the user needs and preferences.

Comprehensive Product Selection

Available for shipping in 10-working-days with all our most popular LED luminaire collections with FineTune controls.

Preference

Choose the lighting tone for your palette of finishes from a warm 2700K CCT to a cool daylight 6500K CCT.

Value

Increase the value of your space and future-proof for health, wellbeing, and preference.

Color

Choose the CRI that makes sense for your application:

- 80+ CRI with standard R9 values
- 90+ CRI available with enhanced R9 values

Quality

L90 at 100,000+ hours is still our standard and your assurance of long-lasting luminaires.

Serviceable

Field replaceable LED arrays and drivers.

Two-Source Tuning

The two-chip design is simple, efficient, affordable, durable, and compatible with multiple control systems.

Finelite offers Tunable White LED luminaires that are easy to install and use. Add the FineTune controls system to easily tailor the lighting to match user preference.



FineTune™ Controls System



A simple, elegant, and robust white color tuning controls system.

Commissioning Simplified

FineTune arrives with all the DMX programming pre-configured for color-tuning, uniform dimming, daylight zones and sensor logic.

Everything's Included

All plug-and-play controllers and cables are supplied for tuning white light and dimming.

Control with Ease

Wall controller and mobile apps make it easy to achieve user preference.

Control with Precision

Visual display of color and intensity settings.

Limitless

Built-in DMX signal repeater.

Easy Integration

Standard with two daylight zones, separate motion sensor inputs and separate building management system input port.



10-Year Warranty

10-year, single-source warranty on Tunable White luminaires with the FineTune controls system.

10-Day Shipping

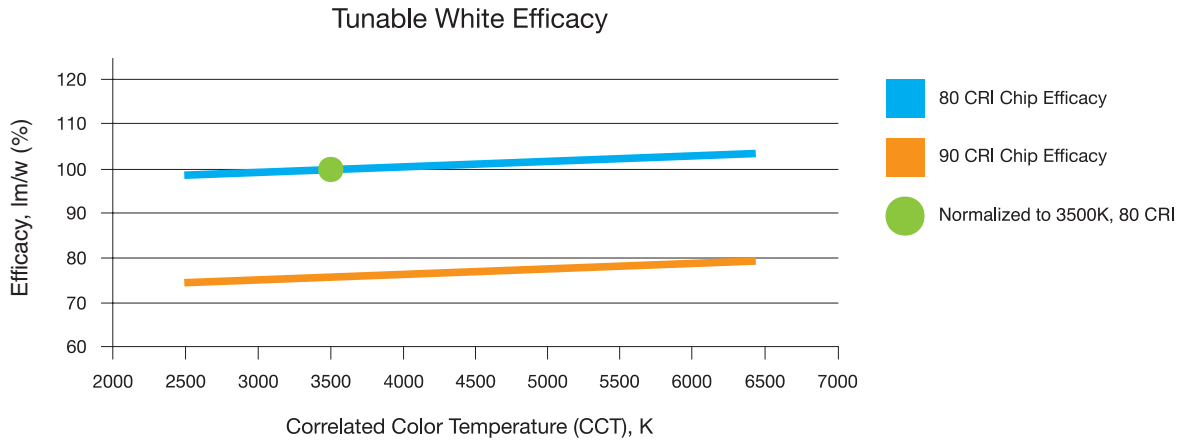
Standard options ship in 10 working days, eliminating project delays and budget overruns.



Tunable White Performance

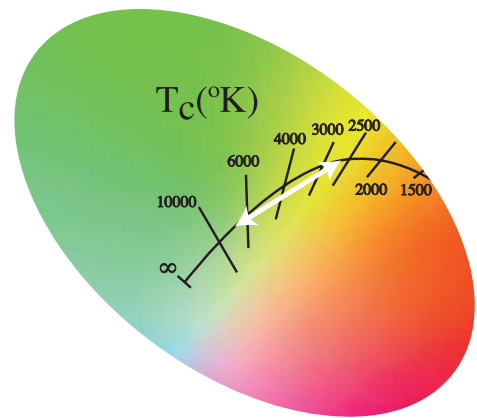
Our two-source Tunable White solution ensures consistent quality and performance.

Industry Leading Efficacy



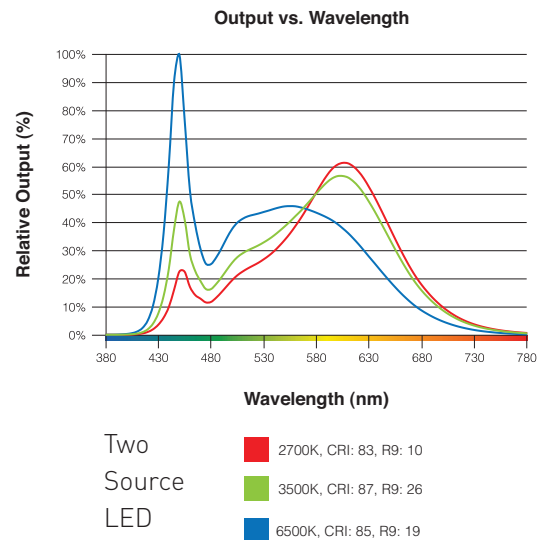
Color Space

Close proximity to the black-body curve for optimal preference.



Spectral Comparison

Tunable White blends the spectrums of the two LED sources optimizing performance across the white light spectrum.





Tunable White Options Matrix

	Finelite FineTune Driver With FineTune Controls	Pre-qualified DMX Drivers with FineTune Controls	Pre-qualified DMX Drivers with Controls by others	Pre-qualified DALI Drivers with Controls by others	Pre-qualified PoE Systems with Controls by others	Pre-qualified Lutron Drivers with Controls by others
Design Features Options						
Color Temperature Range: 2700K - 6500K (CCT)	✓	✓	✓	✓	✓	✓
CRI 80+ and 90+	✓	✓	✓	✓	✓	✓
Tailored Lengths ¹	✓			✓		✓
Tailored Angles (corners) ²	✓			✓		✓
Tailored Outputs ³	B & V Only	✓	✓	✓		✓
Controls provided by Finelite	✓	✓				
Controls provided by Others			✓	✓	✓	✓
Pre-Wired Plug-Together Wiring	✓	✓				
DMX Signal Repeater Gateway Required		✓	✓			
Daylight Sensors (plug-and-play)	✓	✓				
Occupancy Sensor (plug-and-play)	✓	✓				
Fixture Integrated Sensors						
Factory-installed Battery Pack	✓	✓	✓	✓		✓
Factory-installed GTD				✓		✓
EM/Gen				✓		✓
Nightlight						
10-Year Warranty	✓					✓
5-Year Warranty		✓	✓	✓	✓	
10-working-day lead-time for standard options ⁴	✓					
Factory Pre-Check required prior to order ⁵	✓	✓	✓	✓	✓	✓
Available in Canada	✓	✓	✓	✓	✓	✓

E1, S11 LED Micro Flex, Muro, and PLS are not available with Tunable White.

NOTE:

1. Minimum 2', increments accurate to 1/16th" (± 1/32").
2. Illuminated 90° corners in a single plane, standard.
3. Four (4) standard light output options - S, B, H, & V.
4. Lead-time starts the day after the order is finalized and Pre-Check is confirmed.
5. All controls systems projects must be checked by Finelite application specialists. Non-qualified drivers can be evaluated for integration.



Tailored Lighting

Better lighting is designed as part of the architecture, optimized for performance, and tuned to fit user preference. You dream. We deliver.

Tailored Output

Optimize lighting levels to accommodate architectural design elements and building requirements.

Tailored Length

Enhance a building's features with perfectly sized luminaires.

Tailored Angles

Visually bend, flow, or cut through a building's landscape with beautifully mitered tailored angles.

Tailored Color

Tune white light and intensity to the needs and desires of the people in a space.

Tailored Control

Dim, sense, and tune lighting to fit the preferences of a user.



Project: Boston Logan International Airport - Terminal B; Architect: AECOM



Project: bkm Office Works; Architect: Hollander Design Group



Project: Symantec Fitness [SYMfit] Center; Architect: Gensler



Project: Indeed; Architect: Tully Associates



Project: Livefyre, Inc.; Architect: Studio 0+A



Project: DSST Conservatory Green Middle School; Architect: R+B Architects



Project: Symantec; Architect: AP+I

2700K

3500K

6500K



Project: Gensler Oakland Offices | Architect: Gensler

Finelite LED Difference



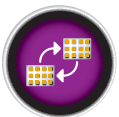
10-year performance-based warranty



90% of initial light output at 100,000+ hours



Dimming standard



Replaceable LED light arrays

Finelite Commitment To You



10-working-day shipping on standard orders



Focus on sustainability



Buy American Act of 2009 Compliant