

HLS

HOUSE LIGHTING SYSTEM



HLS

HOUSE LIGHTING SYSTEM

Tempo's nearly three decades of knowledge and experience in theater safety and accent lighting led to the development of an industry first, the House Lighting System, designed specifically for the cinema market.

HOUSE LIGHTS

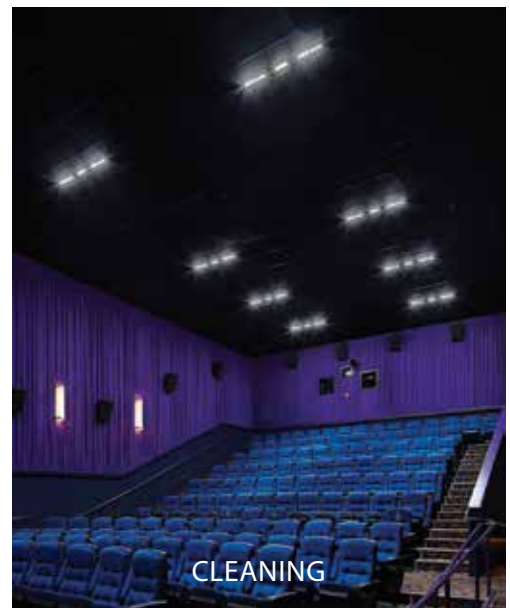
Feature Soft Diffusing Film

CLEANING LIGHTS

Feature Precision Optics

EVERY LIGHTING SCENARIO IN A MOVIE HOUSE COVERED WITH ONE LUMINAIRE FAMILY.

PREVIEWS / MOVIE SCREENING /
INTERMISSION / CLEANING AND EMERGENCY



NOT PICTURED - MOVIE SCREENING
with safety illumination only.

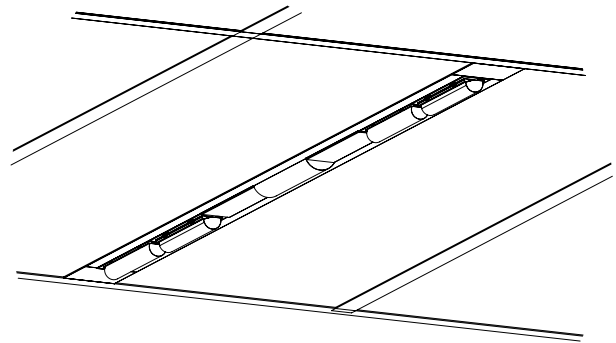
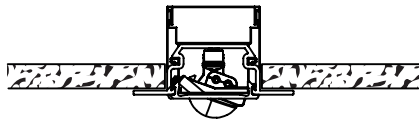
the SYSTEM

Based on the Tempo CLiP® (Configurable Lighting Platform), The House Lighting System (HLS) allows individual luminaires to be configured with high uniformity, dimmable modules for house lighting and high lumen modules for cleaning. One luminaire family replaces fluorescent recessed troffers and can downlights.

The HLS is available in two different platforms, one designed for recessed mounting in a T-Bar ceiling grid and the other for surface or suspension mounting.

RECESSED SYSTEM

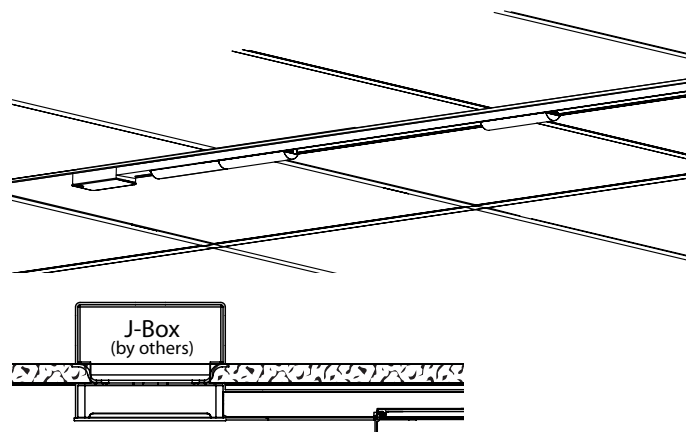
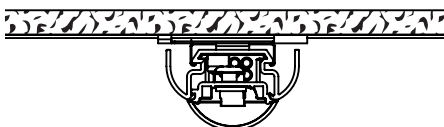
T-bar HLS luminaires install in a suspended ceiling grid, flush with acoustical tiles resulting in a clean, visually quiet ceiling plane. T-bar luminaires are available in 2' or 4' lengths to allow the most flexibility based on tile size and orientation to the movie screen.



TEMPO HOUSE LIGHTING SYSTEM
WINNER
LEDs MAGAZINE'S 2015 SAPPHIRE AWARD

SURFACE MOUNT SYSTEM

Surface mount luminaires simplify the installation process and are ideally suited for retrofit opportunities. Each continuous linear run of surface HLS luminaires requires only a single power feed location and is comprised of joined 6' luminaire sections and 6' wireway sections that clip to a T-bar grid. Linear runs are not dependent on tile orientation, sections snap to any T-bar spine or cross member.



CONFIGURATIONS

Tailored for each space, individual 2' and 4' T-bar luminaires or 6' surface mount luminaires may include multiple House Light and Cleaning Light modules, each with different LIGHT DISTRIBUTIONS, INTENSITY and COLOR TEMPERATURE.

COLOR TEMPERATURE OPTIONS

2200K

2700K

3000K

3500K

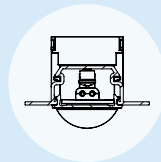
4000K

Tempo knows theater lighting and each lighting module type is optically optimized for a specific result:

HOUSE LIGHT MODULES

House light modules provide soft, comfortable illumination for patrons.

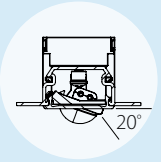
High diffusion film and a lightly frosted dome lens shields a high density array of LEDs. A single 6" module or pairs of 6" modules may be specified in each luminaire.



CLEANING LIGHT MODULES

Cleaning light modules evenly illuminate an auditorium from the back seats to the front apron - not a candy wrapper or popcorn kernel will be missed.

Cleaning lights are specified in pairs of 6" modules (12" total), each module angled 20° in the opposite direction to provide even coverage. Precision optics target illumination on the seats and floor.



SAMPLE CONFIGURATION

RECESSED SYSTEM with 4' T-Bar luminaires shown

12" Cleaning Light Module | 6" House Light Module | 12" Cleaning Light Module



PREVIEWS House Lights Dimmed to 1%*



MOVIE SCREENING All Lights OFF



INTERMISSION House Lights Dimmed to 50%*



CLEANING House Lights Dimmed to 50%* Cleaning Lights ON (100%)

Operation and settings for the **SURFACE MOUNT SYSTEM** are the same as the recessed. The 6' illuminated sections simply provide more space between the house lights and cleaning modules as shown below.



* Dim level dependent on dimming system.

See additional configurations and complete ordering details on the House Lighting System Specification Sheet.

the BENEFITS

REDUCED MAINTENANCE

10

YEARS OF 24/7
OPERATION

Luminaires achieve a lumen maintenance greater than 85% at 86,000 hours - that's 10 years of continuous operation. Tempo's reputation of engineering a lighting system that is not only maintainable, but sustainable, continues with the House Lighting System:

- Eliminating lamp replacement
- Centralizing the low-voltage power system in an accessible location
- Removing the hassle and risk of ladders and scaffolding
- Dramatically reducing maintenance costs

ENERGY SAVINGS

60%

ENERGY SAVINGS

Energy calculations comparing T-bar installations to typical existing theater installations reach a conservative 60% savings. For assistance with an energy audit and ROI calculations, contact Tempo for analysis assistance.

LIFETIME RELIABILITY

10

YEAR WARRANTY

LED technology may be new to many lighting manufacturers, but Tempo has been producing quality LED lighting for over 15 years. Confidence and breadth of experience allows Tempo to warrant the House Lighting System for 10 years.



VERSATILITY

House Lighting System benefits reach beyond cinema auditoriums, providing tailored illumination, reduced maintenance and energy savings in any suspended ceiling installation:

HALLWAYS
STAIRWELLS
STORAGE AREAS
PROJECTION BOOTHS

APPLICATIONS

The modular design of Tempo's House Lighting System makes tailoring light levels for different sized auditoriums simple. House Light or Cleaning Light modules may be incorporated or removed in individual luminaire sections during the lighting design without impacting the installation budget.

The following sample applications are based on a medium sized theatre. If you need assistance for a specific application, please call or email Tempo:

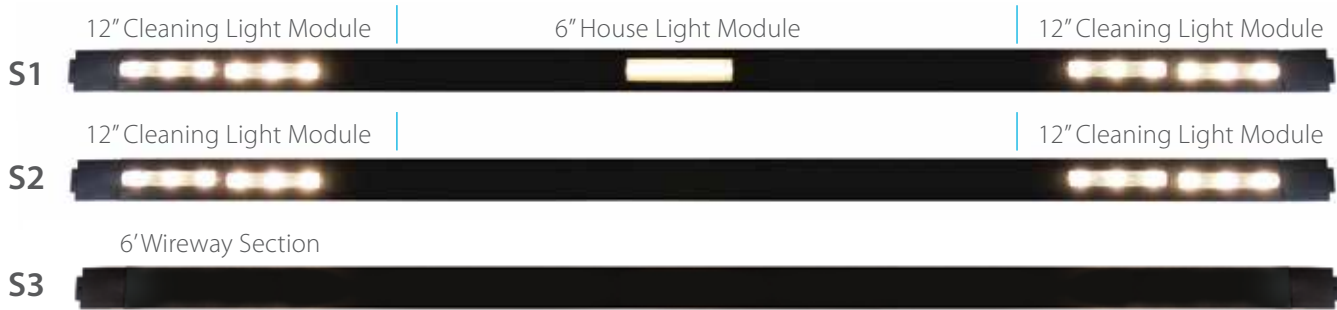
949.442.1601

info@tempoindustries.com

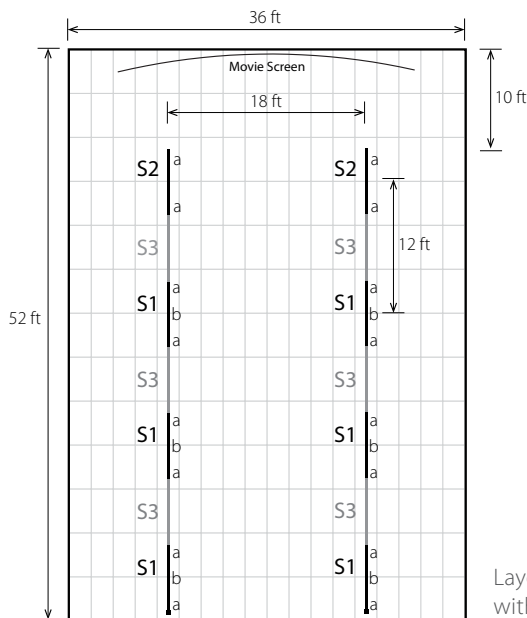
SURFACE MOUNT SYSTEM

6' Surface Mount Luminaires

FIXTURE TYPE



See additional configurations and complete ordering details on the House Lighting System Specification Sheet.



Layout based on a 36ft x 52ft auditorium with 26ft ceiling height.

TIPS

- To minimize light reflections on the movie screen
- Ideal positioning of the luminaires is perpendicular to the movie screen, but installation parallel to the screen is also an option.
- Position the luminaires at the front of the auditorium 8-12ft from the movie screen and specify cleaning light modules only.
- Typical luminaire on center spacing for a medium sized theatre is 12x18, as shown in the samples.

Scene	Setting	
	CLEANING LIGHTS	HOUSE LIGHTS
Intermission	OFF	50%
Previews	OFF	1%*
Movie Screening	OFF	OFF
Cleaning	100%	50%

* Dim level dependent on dimming system.



RECESSED SYSTEM

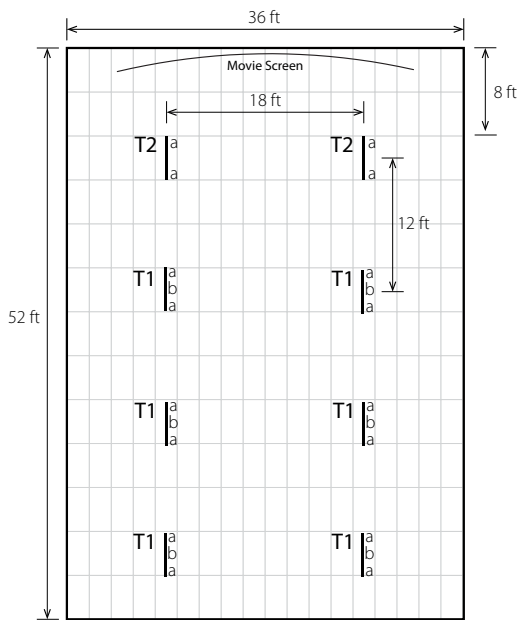
4'T-Bar Luminaires

FIXTURE TYPE

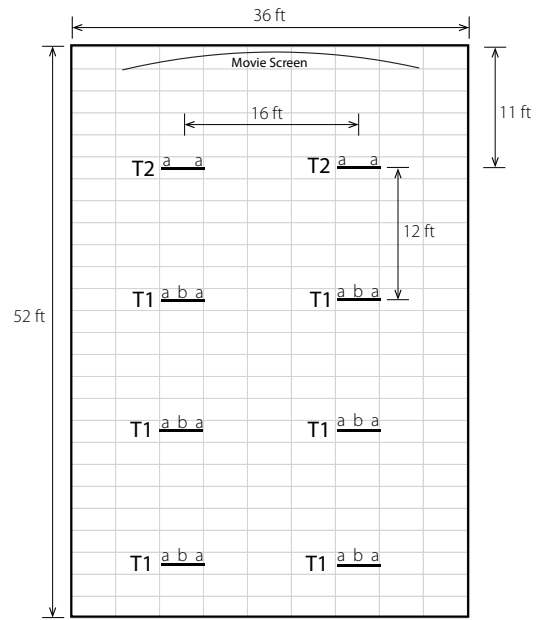


See additional configurations and complete ordering details on the House Lighting System Specification Sheet.

PREFERRED ORIENTATION



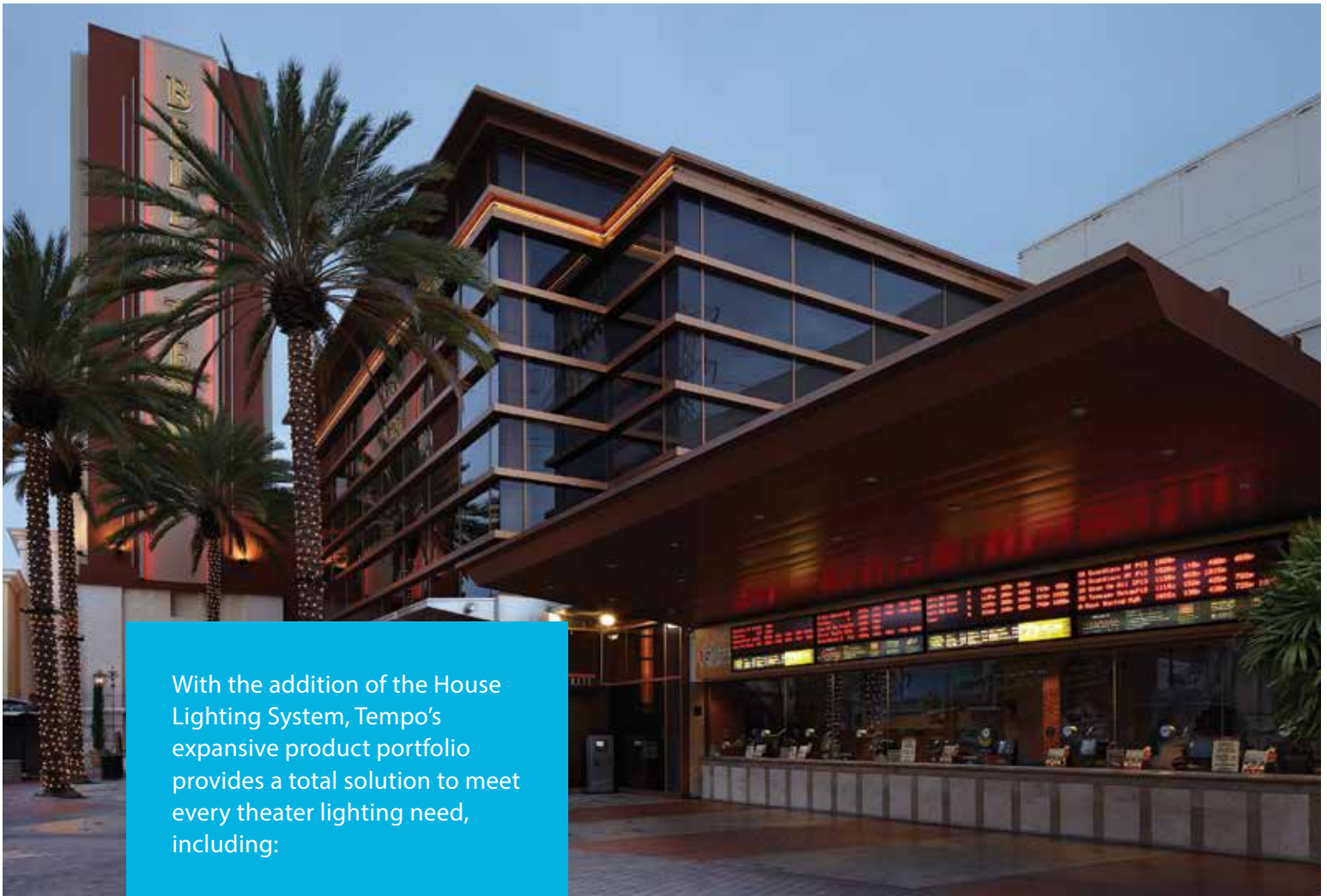
ALTERNATE ORIENTATION



Layouts based on a 36ft x 52ft auditorium with 26ft ceiling height.

Scene	Setting	
	CLEANING LIGHTS	HOUSE LIGHTS
Intermission	Circuit a OFF	Circuit b 50%
Previews	OFF	1%*
Movie Screening	OFF	OFF
Cleaning	100%	50%

* Dim level dependent on dimming system.



With the addition of the House Lighting System, Tempo's expansive product portfolio provides a total solution to meet every theater lighting need, including:

DECORATIVE SCONCES

AISLE, STEP & PATHWAY
LIGHTING SYSTEMS

RAIL LIGHTS

SEAT LIGHTS

MARKER LIGHTS

POST LIGHTS

tempo®

1961 McGaw Ave.
Irvine, CA 92614

949.442.1601
info@tempoindustries.com
tempoindustries.com

Copyright © 2015 Tempo Industries, Inc.

If you have an immediate project, call or email to request additional information or application assistance.

**MADE IN
USA** 
OF US AND IMPORTED COMPONENTS