

GEMINI 6000 Seat Light

Features

- Cost effective solution for illuminating auditorium aisles and stairways along seats
- Eliminates need to install lights on floor or step
- Available with illuminated seat row indicator
- Also ideal for pathways and corridors
- Effectively illuminates up to 4 feet away
- Light levels satisfy requirements set forth in Life Safety Code of National Fire Protection Agency (NFPA)
- ETL Listed as low voltage lighting system; conforms to UL Standard 2108
- Standard 2 year warranty; extended warranty available with approved installers

LED Light Source

- High output LED module recessed within housing
- Standard color combinations:
 - Amber/Amber/Amber 3-LED module offers cost-effective option
 - Red/Red/Red 3-LED module offers cost-effective option
 - White/White/White 3-LED module provides maximum light output
 - Amber/White/Amber 3-LED module creates warm white illumination
 - Red/Green/Blue 3-LED module highlights color elements in carpet pattern
- Consult factory for other color combinations.
- Each seat light consumes only 0.3W and runs on safe 12V DC power
- Rated for up to 100,000 hours and individually replaceable
- Dimmable with most standard low voltage dimmers

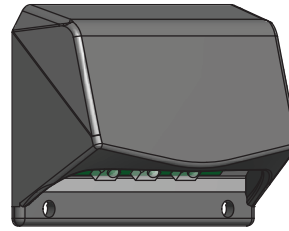
Fixture Design

- Low profile is ADA compliant and provides unobtrusive illumination
- Lens-less design allows unhindered projection of light, maximizing output
- Angled shield conceals LED light source, eliminating glare
- Die-cast aluminum housing ensures long-term durability of fixture
- Black anodized finish provides added protection against corrosion (Consult factory for other finishes)

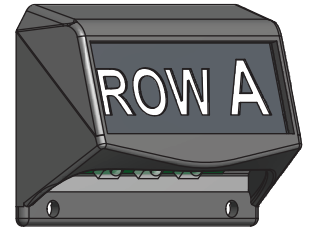
Installation

- Fixtures are factory pre-assembled and can be mounted directly to seat siding for quick and easy installation (Requires opening in siding for feed wires)
- Mount 12 to 18 inches above floor for optimum illumination
- Requires 12VDC transformer (See Power Supply specifications)
- Maximum 150 seat lights per 5A output of power supply
- Use in conjunction with GEMINI 5000 Striped Stair Nose to provide added definition of step edge

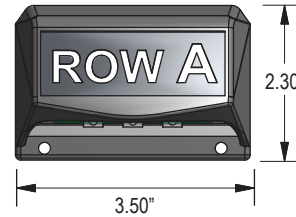
Shown without Row Indicator



Shown with Row Indicator



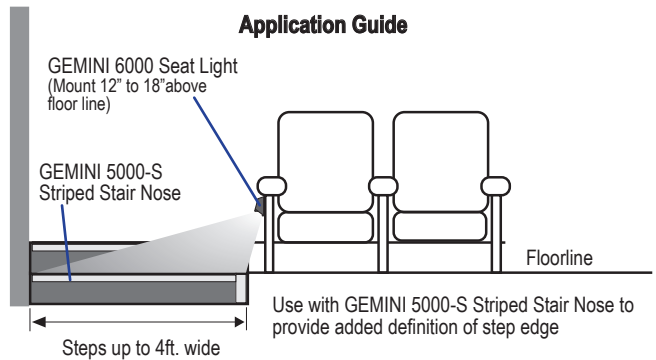
Front View



Side View



Application Guide



Footcandle Measurements

Top View of Floor

		GEMINI 6000 Seat Light (Red / Green / Blue) Mounted 18" above floor					
		0ft.	1ft.	2ft.	3ft.	4ft.	5ft.
Seat	Back	1.480	0.924	0.582	0.342	0.224	0.157
	Front	0.619	0.596	0.502	0.343	0.238	0.167
48"	Back	0.278	0.346	0.348	0.296	0.219	0.163
	Front	0.656	0.560	0.427	0.315	0.211	0.150
Seat	Back	1.240	0.973	0.542	0.319	0.201	0.133

How to Specify GEMINI 6000 Series (Also see Ordering Guide)

GEM - 6000 -

LED Module	
AAA	Amber / Amber / Amber (100,000 hrs. rated life)
RRR	Red / Red / Red (100,000 hrs. rated life)
WWW	White / White / White (30,000 hrs. rated life)
AWA	Amber / White / Amber (50,000 hrs. rated life)
RGB	Red / Green / Blue (50,000 hrs. rated life)
Consult factory for other color combinations. Minimum quantities may apply.	

Example

GEM - 6000 -

AWA

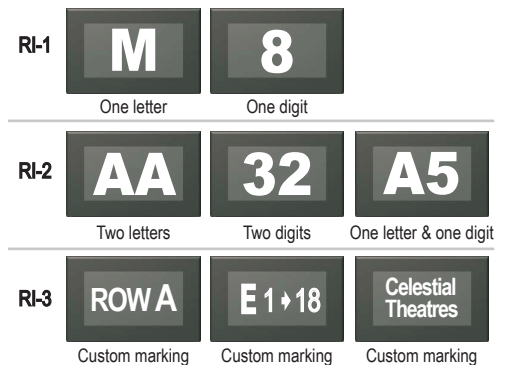
Row Indicator	
000	None
RI-1	One letter or one digit
RI-2	Two letters or two digits, or combination of one letter and one digit
RI-3	Custom marking
Row indicator is illuminated in white.	

RI-2

Marking
Specify letter and / or number.
Consult factory for custom marking.
Leave blank for no row indicator

A5

Examples of Row Indicator Markings



Power Supplies

Ratings

- Input: 120VAC or 277VAC, 50/60 Hz
- Output: 12VDC
- Output current: 5 Amps per output circuit
- Maximum output power: 60W or 240W
- Overload protection: Manual reset circuit breaker
- Enclosure: Indoor / outdoor enclosure with conduit knockouts
- Operating temperature: -30° to 60° Celsius
- Certification: UL Class 2 Power Supply

Maximum Load

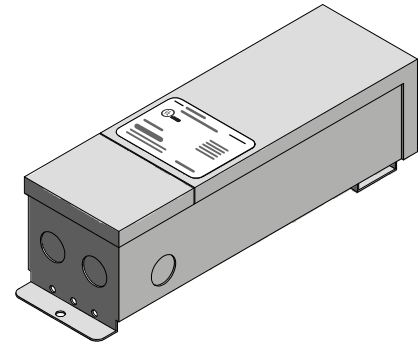
- Maximum 150 units per 5A output circuit
- Do not connect more than 150 units per 5A output

Dimming

- Compatible with most standard magnetic low voltage dimmers
- Wire dimmer to primary side of power supply
- Requires minimum 50 units per 5A output for effective dimming
- Recommended dimmer: Lutron Nova Series NTLV-600 (120VAC, 600W, single pole)

Ordering Codes

Item Number	Watts	Volts	Outputs	Dimensions	Weight
GPS-120-60	60 W	120VAC to 12VDC	1 X 5A	11.25" H x 3.375" W x 3.25" D	7 lbs
GPS-277-60	60 W	277VAC to 12VDC	1 X 5A	11.25" H x 3.375" W x 3.25" D	7 lbs
GPS-120-240	240 W	120VAC to 12VDC	4 X 5A	14.25" H x 8.750" W x 4.50" D	20 lbs
GPS-277-240	240 W	277VAC to 12VDC	4 X 5A	14.25" H x 8.750" W x 4.50" D	20 lbs



Must be mounted in an accessible location with sufficient ventilation and must not be submerged.