

School of American Ballet
New York City, New York



project	School of American Ballet
architect	Diller Scofidio + Renfro
lighting designer	Susan Tillotson Design

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School of American Ballet New York City, New York

The School of American Ballet (SAB), the official training academy of the New York City Ballet, was established in 1934 by legendary choreographer George Balanchine and philanthropist Lincoln Kirstein as the first and most essential step in their quest to create an American classical ballet company.

SAB, located at New York City's Lincoln Center, is today the premier ballet academy in the United States, training more students who go on to become professional dancers than any other school. SAB's former students fill the ranks of the New York City Ballet and other leading US and international ballet companies. The School's alumni roster is a "who's who" of twentieth century American classical ballet, filled with names such as Suzanne Farrell, Arthur Mitchell, Maria Tallchief, and Darci Kistler, as well as Broadway legends Chita Rivera and Hinton Battle. Construction has been completed on two new studios at SAB's Lincoln Center headquarters. The Selux M100 recessed fixtures allowed for seamless and uniform lighting with an architectural focus. The school is part of a renovation of the 50 year-old Lincoln Center. The innovative design of the two glass studios floating inside the building was created by architects Diller Scofidio + Renfro.

Lighting designer Suzan Tillotson used M100 and modified M60 luminaires to create a unique ambience for the dance space. A direct view in the mirrors shows a comfortable uniform illumination ideal for the dancers.

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M100 - 4" wide linear lighting with a variety of optical options



M100 LED is constructed from 3-15/16" (100mm) wide extruded low copper aluminum housing and die cast endcaps · Exact cut lengths, lit corners, and project-specific Configurations may be specified · Impact-resistant lenses offer controlled lighting, protect against dust, and ensure high luminaire efficiency · Modular design allows for easy access to optical chamber · Available with LED Optimized White acrylic lens, Clear lens with Microprism inlay, or (Direct only) Symmetric LMO lens, 5° Asymmetric LMO lens, 20° Asymmetric LMO lens, and Batwing LMO. Selux offers multiple LED options including LEDs in static 2700K, 3000K, 3500K, or 4000K CCTs at 80+ and 90+ CRI, My White tunable white in 2700K - 6500K at 90+ CRI, BIOS SkyBlue® Technology at 83+ CRI, and RGBW. All LED options are within a 3-step MacAdam ellipse. Custom lumen outputs are also available upon request. M100 LED Regressed lighting offers the advantages a hidden light source and energy efficiency. Regressed lighting attractively fits into any kind of ceiling and can be applied for commercial, retail, and various other applications to transform general lighting into something special.

M60 - 2-1/2" wide linear lighting with a variety of optical options



M60 LED is constructed from 2-3/8" (60mm) wide extruded low copper aluminum housing and die cast endcaps · Exact cut lengths, lit corners, and project-specific Configurations may be specified · Impact-resistant lenses offer controlled lighting, protect against dust, and ensure high luminaire efficiency · Modular design allows for easy access to optical chamber · Available with LED Optimized White acrylic lens, Clear lens with Microprism inlay, or (Direct only) Symmetric LMO lens, 5° Asymmetric LMO lens, 20° Asymmetric LMO lens, and Batwing LMO. Selux offers multiple LED options including LEDs in static 2700K, 3000K, 3500K, or 4000K CCTs at 80+ and 90+ CRI, My White tunable white in 2700K - 6500K at 90+ CRI, BIOS SkyBlue® Technology at 83+ CRI, and RGBW. All LED options are within a 3-step MacAdam ellipse. Custom lumen outputs are also available upon request. M60 LED Regressed lighting offers the advantages a hidden light source and energy efficiency · Regressed lighting attractively fits into any kind of ceiling and can be applied for commercial, retail, and various other applications to transform general lighting into something special. Selux M60 LED Wet Location is a durable luminaire for lighting designers and architects who are looking for a fixture that can withstand the unfavorable elements in the environment, while maintaining its high performance and continuous lines of light.

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M100 Pendant



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · LMO Indirect Wide Batwing · Direct only optics behind Satine diffuser: Symmetric LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 113lm/W at 80+ CRI
Luminous flux	Up to 1171lm per foot (Direct or Indirect) and 2342lm per foot (Direct/Indirect) at 80+ CRI
Light Distribution	Direct · Indirect · Direct/Indirect
Mounting	Cable · Rigid Stem · Swivel Stem
Dimensions	3-15/16" wide (100mm) x 4" high (101mm) for Direct or Indirect, 6" high (152mm) for Direct/Indirect · Available in approximately 1-1/2" increments · Project-specific lengths are available upon request
Finish	Tiger Drylac certified polyester powder coat finish
Options	Piix™ MRC 1 Cell or 3 Cell modules can be integrated into the illuminated length · Damp location · In-line Fuse · Separate Switching · Emergency Circuit wiring · Corners (L, T, and X) · Configuration options · Multiple dimming options and integral sensors for energy savings
Certificates	NRTL Damp Location · 5 Year LED Warranty · ARRA Compliant · RoHS Compliant · Union Made - IBEW Local 363 · ASTM and PCI for finish · NGL 2013 · PIA 2013 · nLight enabled · enlightened enabled
[en:]	Interior
[en:]	M100 - Selux + BIOS

M100 Surface



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · Optics behind Satine diffuser: Symmetric LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 113lm/W at 80+ CRI
Luminous flux	Up to 1171lm per foot at 80+ CRI
Light Distribution	Direct
Mounting	Surface Mount

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M100 Recessed



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · Optics behind Satine diffuser: Symmetric LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 113lm/W at 80+ CRI
Luminous flux	Up to 1171lm per foot at 80+ CRI
Light Distribution	Direct
Mounting	Before and after drywall · T-bar · Slot Grid · Decoustic ceiling · Rotating Crossbar · Threaded Stud
Dimensions	3-15/16" wide (100mm) x 4" high (101mm) · Available in approximately 1-1/2" increments · Project-specific lengths are available upon request
Finish	Tiger Drylac certified polyester powder coat finish
Options	Piix™ MRC 1-Cell or 3-Cell modules can be integrated into the illuminated length · Damp location · In-line Fuse · Separate Switching · Emergency Circuit wiring · Corners (L, T, and X) · Chicago Plenum · Configuration options · Multiple dimming options and integral sensors for energy savings
Certificates	NRTL Damp Location · 5 Year LED Warranty · ARRA Compliant · RoHS Compliant · Union Made - IBEW Local 363 · ASTM and PCI for finish
[en:]	Interior
[en:]	M100 - Selux + BIOS

M100 Regressed



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · Optics behind Satine diffuser: Symmetric LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 109lm/W at 80+ CRI
Luminous flux	Up to 1130lm per foot at 80+ CRI
Light Distribution	Direct
Mounting	Before drywall · T-bar · Rotating Crossbar · Threaded Stud
Dimensions	3-15/16" wide (100mm) x 5" high (127mm) · Available in approximately 1-1/2" increments · Project-specific lengths

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M60 Pendant



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · LMO Indirect Wide Batwing · Direct only optics behind Satine diffuser: Symmetrical LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 119lm/W at 80+ CRI
Luminous flux	Up to 1180lm per foot (Direct or Indirect) and 2360lm per foot (Direct/Indirect) at 80+ CRI
Light Distribution	Direct · Indirect · Direct/Indirect
Mounting	Cable · Rigid Stem · Swivel Stem
Dimensions	2-3/8" wide (60mm) x 3-9/16" high (91mm) for Direct or Indirect, 4-3/4" high (120mm) for Direct/Indirect · Available in approximately 1-1/2" increments · Project-specific lengths are available upon request
Finish	Tiger Drylac certified polyester powder coat finish
Options	Damp location · In-line Fuse · Separate Switching · Emergency Circuit wiring · Corners (L, T, and X) · Configuration options · Multiple dimming options and integral sensors for energy savings
Certificates	NRTL Damp Location · 5 Year LED Warranty · ARRA Compliant · ADA Compliant · RoHS Compliant · Union Made - IBEW Local 363 · ASTM and PCI for finish · NGL 2013 · PIA 2013 · nLight enabled · enlightened enabled
[en:]	Interior
[en:]	M60 - Selux + BIOS

M60 Surface



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · Optics behind Satine diffuser: Symmetric LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 119lm/W at 80+ CRI
Luminous flux	Up to 1180lm per foot at 80+ CRI
Light Distribution	Direct
Mounting	Surface Mount
Dimensions	2-3/8" wide (60mm) x 3-9/16" high (91mm) · Available in

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M60 Recessed



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · Optics behind Satine diffuser: Symmetric LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 119lm/W at 80+ CRI
Luminous flux	Up to 1180lm per foot at 80+ CRI
Light Distribution	Direct
Mounting	Before and after drywall · T-bar · Slot Grid · Decoustic ceiling · Rotating Crossbar · Threaded Stud
Dimensions	2-3/8" wide (60mm) not including any flanges x 3-9/16" high (91mm) · Available in approximately 1-1/2" increments · Project-specific lengths are available upon request
Finish	Tiger Drylac certified polyester powder coat finish
Options	Damp location · In-line Fuse · Separate Switching · Emergency Circuit wiring · Corners (L, T, and X) · Chicago Plenum · Configuration options · Multiple dimming options and integral sensors for energy savings
Certificates	NRTL Damp Location · 5 Year LED Warranty · ARRA Compliant · RoHS Compliant · Union Made - IBEW Local 363 · ASTM and PCI for finish · NGL 2013 · PIA 2013 · nLight enabled · enlightened enabled
[en:]	Interior
[en:]	M60 - Selux + BIOS

M60 Regressed



Construction	Extruded 6063-T6 aluminum construction · Easy access to optical chamber
Optic	LED Optimized White lens · Clear lens with Microprism inlay · Optics behind Satine diffuser: Symmetric LMO lens · 5° Asymmetric LMO lens · 20° Asymmetric LMO lens · Batwing LMO lens
Light Source	LEDs in static 2700K, 3000K, 3500K, or 4000K at 80+ or 90+ CRI · My White Tunable White 2700K - 6500K at 90+ CRI · RGBW upon request · Luminaire efficacy up to 99lm/W at 80+ CRI
Luminous flux	Up to 984lm per foot at 80+ CRI
Light Distribution	Direct
Mounting	Before drywall · T-bar · Rotating Crossbar · Threaded Stud
Dimensions	2-3/8" wide (60mm), not including flanges x 4-9/16" high (116mm) · Available in approximately 1-1/2" increments ·

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