



lighting
the
classroom

P E E R L E S S ®

Progressive learning institutions are rapidly moving to better prepare students for today's high-tech, postindustrial world. Many new forms of learning have gained acceptance, as emerging technologies enhance the quality and efficiency of information delivery.

But these varied media – including video, large-screen interactive presentations, and networked computer access to images and data – place new demands on the physical space. K–12 classrooms must be adaptable to support widely varying media and learning activities. College classrooms and lecture halls must be designed to support differing teaching styles and accommodate the increasing proliferation of sophisticated electronic tools.

The more that teachers teach and students learn by the glow of computers and video screens, however, the more critical the need for high-quality, adjustable-level lighting. The quality and quantity of light directly affect learning performance and the visual comfort of both student and instructor.



Peerlite™ PRIMA™ lighting delivers soft, virtually glare-free indirect illumination throughout a classroom – at an installed price competitive with ordinary recessed parabolics.

In an evenly lit environment virtually free of glare, shadow and reflections, students are better able to focus on tasks at hand.



MAIN PHOTO: Seven Hills School, Walnut Creek, CA, Siegel & Strain Architects, PHOTO: Jay Graham SMALL PHOTOS FROM LEFT: Peerless Lighting, Berkeley, CA, PHOTO: John Sutton • Canyon Elementary, Canyon, CA, Jonathan Reich AIA, PHOTO: Jay Graham

Peerless® offers a variety of products well suited for education's new age. As the leader in high-performance architectural lighting, we offer an array of fixtures and optical systems designed to light classrooms and lecture halls appropriately ... to improve visual effectiveness with a soft, uniform glow that virtually eliminates reflective glare on chalkboards, whiteboards, paper tasks, video and computer screens ... to create visual interest and bring attention to art and displayed work materials.

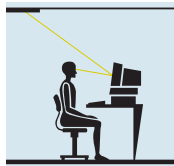
Peerless indirect and indirect/direct lighting systems ensure that everyone benefits from quality light for peak performance, with multiple switching to tailor the quantity of light as various media are employed.

Lightvent™ openings distribute small percentages of downlight into the space, adding subtle highlights to people and objects below while

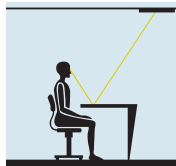


providing a soft overall glow conducive to performance and visual comfort.

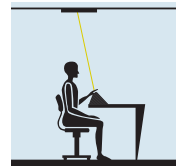
Traditional recessed lighting creates visual constraints, limiting the effectiveness of various printed and electronic media.



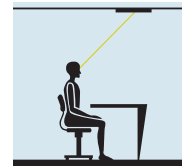
With recessed ceiling fixtures, bright downlight reflects on computer screens, causing glare that obliterates readout.



The light also reflects off any shiny surface, producing veiling glare that contributes to eyestrain.



A bright overhead source creates dark hand and head shadows that obscure the work plane.



And overhead downlights create direct glare – up to 8,400 footlamberts of brightness.

In today's K-12 classrooms and computer labs, high-quality Peerless lighting accommodates widely varying media and learning activities. There is a soft, even, comfortable illumination from floor to ceiling – especially important in multi-use rooms accommodating computer tasks, small group encounters, and storage of books and papers. Evenly lit ceilings and upper walls keep the surroundings cheerful while reducing glare and shadow.

MAIN PHOTO: Seven Hills School, Walnut Creek, CA, Siegel & Strain Architects, PHOTO: Jay Graham
SMALL PHOTOS: Scandinavian School, Fresno, CA, Cornelius-Sing Consulting Group, PHOTO: Jay Graham



Whatever your budget parameters, Peerless® products can satisfy lighting needs in classrooms and lecture halls, with design variations to suit any architectural space and decor. And our advanced engineering means that the lighting you select now will serve well for many years to come. All Peerless fixtures are energy-efficient and exceptionally easy to install, and require no reconfiguration as you continue to adapt your learning environments to accommodate advancing technologies and meet new demands.



Peerless indirect lighting systems create an even distribution of low-glare light that serves well in science labs combining lab work, lecture, paper and computer tasks.

Peerless indirect lighting enhances visual effectiveness in the classroom.



With Peerless indirect lighting systems, surface glare virtually disappears. Computer and video screens are clear. Shadows are soft. The factors that create eye-strain are minimized.

MAIN PHOTO: Seven Hills School, Walnut Creek, CA, Siegel & Strain Architects,
PHOTO: Jay Graham SMALL PHOTOS FROM LEFT: Scandinavian School, Fresno, CA,
Cornelius-Sing Consulting Group, PHOTO: Jay Graham • Peerless Lighting,
Berkeley, CA, PHOTO: John Sutton



Exceptionally affordable Peerlite™ products include PRIMA™ I/D, an indirect/direct lighting system providing high-lighting and modeling effects you may desire in a classroom.

Peerless lighting products offer high value for the investment. They are priced competitively, and cost less to install, maintain and operate. The fixtures are designed for a minimum of pendant suspension points and power feed locations, and are highly energy efficient. And as computers and other digital tools continue to proliferate in the classroom of the future, the investment you make now will continue to serve effectively and pay increasing dividends.



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