



greener. smarter.



Smart-DIM II

New Generation of Lighting

CLASSROOM

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Various activities such as lectures, presentations, note taking, and discussions are performed in classrooms, and, more often than not, an ideal atmosphere for these activities is desired for better student involvement and performance. Studies have shown that light colours affect our psychology and mood: cooler colours promote wakefulness and productivity while warmer colours tend to promote relaxation. Adjusting the lighting system in a classroom and creating the right atmosphere for class-related activities is crucial for the success of the activities. However, sadly to say, the vast majority of today's classrooms can't make adjustments to their lighting, other than to just turn it on or off.

Energy costs are another problem in today's classroom lighting systems. It's the second largest expense for schools and universities, after teachers' salaries. The lack of energy efficacy for conventional lighting systems in classrooms brings significant challenges.

Smart-DIM II: The Answer to the Classroom' Needs

The Smart-DIM II offers a new generation of lighting to give students a better learning environment than ever before.

First, the Smart-DIM II incorporates LEDbay's PL10 series of LED panel lights, which deliver comfortable, shadow-free and evenly-distributed uniform light, and they are flicker- and glare-free. These are important for eye protection, especially when students spend long hours in the room reading.

Second, from warm white to daylight, the Smart-DIM II system allows you to change lighting colours for different types of activities, such as lectures, presentations, and discussions. This feature can also be used as a tool to calm students or to get their attention.

Third, the Smart-DIM II system allows you to adjust brightness and create an ideal atmosphere for lectures, note

taking, presentations, and discussions, which could dramatically improve student performance.

Fourth, the Smart-DIM II system's LED panel lights feature a high Colour Rendering Index (CRI) of 80 or above. This is important for revealing the true colours of objects that are presented in classrooms.

Lastly, with LEDbay's eco-friendly, power-efficient, and long-lifespan LED products, schools and universities enjoy not just great energy savings but also maintenance ease in the long run. With our "lighting on demand" technologies, you get full control of your lighting systems, as well as your electricity bills.

The Benefits

The Smart-DIM II system resolves many challenges that modern classrooms face, improves both teachers and students performance, and delivers the following benefits:

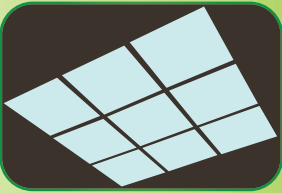
- an uniform and optimal light to ensure maximum protection for eyes and to promote the feeling of well-being.
- a CRI of 80 or higher helps reveal the true colours of objects presented in classrooms.
- an eco-friendly, power-efficient, and long-lifespan LED lighting system that allows schools and universities to enjoy great energy savings as well as maintenance ease in the long run.
- a perfect colour temperature for classroom activities, whether it to be inviting, relaxed, calm, comfortable, or focused.
- a lighting system that allows for changing colour and brightness to create individual levels of lighting comfort and the right atmosphere for different types of activities, such as lectures, presentations, note taking, and discussions.



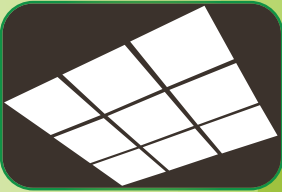


Smart-DIM II LED Panel Lights

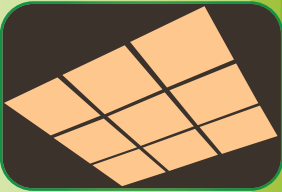
Daylight **Energetic**



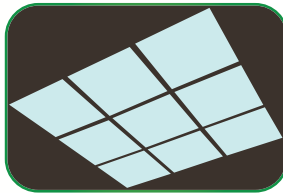
Neutral White **Comfortable**



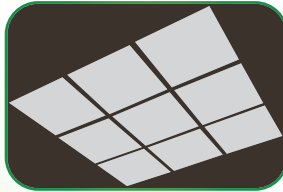
Warm White **Calm**



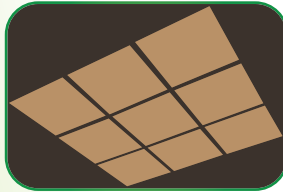
Full Brightness **Lectures**



Half Brightness **Discussions**



Minimum Brightness **Presentations**



Key Features



From warm white to daylight, the Smart-DIM II system allows you to change lighting colours and create different atmosphere, such as calm, comfortable, and energetic. This feature can also be used as a tool to calm students or to get their attention.



The Smart-DIM II system incorporates LEDbay's PL10 series of LED panel lights and features comfortable and uniform light that is flicker- and glare-free. These are important for eye protection, especially when students spend long hours in the room reading.



The LEDbay's PL10 series of LED panel lights deliver soft, comfortable, shadow-free, and evenly-distributed lighting thanks to its innovative and mature design. The uniform light improves well-being and performance for both teachers and students.



The Smart-DIM II system allows you to adjust brightness and create an ideal lighting for lectures, note-taking, presentations, and discussions, which could improve student performance dramatically.



With high-quality, long-lasting LED components and designs, our LED lighting system offers great energy savings and is maintenance-free for many years.



The Smart-DIM II system's LED panel lights feature a high CRI (Colour Rendering Index) of 80 or above. This is important for revealing the true colours of objects presented in classrooms.

New Generation of Lighting

Reshape your business with Intelligent Lighting™



Smart-DIM I
Restaurant



Smart-DIM II
Classroom



Smart-Zone
Hotel Room



Smart-Zone
Conference Room



Intelli-
Office



Intelli-
Corridor

P

Perfect Color Temperature

Studies have shown that colours affect our psychologies and moods. Cooler colours promote wakefulness and productivity while warmer colours tend to promote relaxation. With our new generation of lighting, you can set the perfect colour temperature for your activities, whether it be inviting, relaxed, calm, comfortable, or focused.

O

Optimal Light

When designing their lighting systems, LEDbay's team of engineers did not only put power efficacy and durability into consideration, they also considered flicker-free, high colour-rendering, beam angles, brightness, uniformity, comfortability, and reduced glare to achieve optimal lighting, to ensure maximum protection for eyes, and to promote the feeling of well-being.

L

Lighting on Demand

Turn on lights only when you need them. This does not just maximise power savings, it also creates an individual level of lighting comfort and promotes a feeling of well-being. The Brightness Adjustment, Changeable Colour Temperature, Zone/Group, Scene, and Smart Sensor features maximise power and flexibility of control.

E

Enhanced Efficacy

"Greener. Smarter." That's our slogan and our mission. With LEDbay's eco-friendly, high power-eficacy, and long lifespan LED products, customers enjoy great energy savings as well as ease of maintenance in the long run. In addition, with our smart "lighting on demand" systems, you get full control of your lighting system and your electricity bills.



Premium Quality



Green Products



Smart Lighting



3-Year Warranty



Free Consultation



Reseller Discounts



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