

KASCADE

LED HIGH BAY PERFECT FOR SCHOOL HALLS
WITH CEILING HEIGHTS > 5 METRES

UP TO 75%
ENERGY SAVINGS

150 - 400W HID REPLACEMENT



AFFORDABLE



Energy rebate approved - NSW

90
CRI

COLOUR
RENDERING

IK10

IMPACT
RATING

IP66

INGRESS
PROTECTION



SUSPENDED
MOUNT

5

YEAR
WARRANTY

- ✓ Very high colour rendering
Ra > 90
- ✓ Glare shielded light source
- ✓ Longer LED life
> 170,000 hours
- ✓ Highest impact resistance
IK10
- ✓ No glass to break
- ✓ Easy to install
- ✓ Zero maintenance
- ✓ 3 in 1 Dimming control



Mount St Benedict College, Pennant Hills, Sydney



enLighten

Innovation in Lighting Solutions

Call us on 1800 365 444 | enlighten.com.au

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MULTI-PURPOSE SCHOOL HALLS ARE HARD TO LIGHT... FIND OUT HOW KASCADE MAKES IT EASY!

A school hall is a multi-functional space allowing for a wide range of sporting activities, school assemblies, school productions, cafeteria, exams and it is sometimes used as a community meeting space.

Multi-purpose areas with high ceilings require lighting to be dynamic and inexpensive to be suitable for a school environment.

HOW CAN LIGHTING INCREASE STUDENT SAFETY?



CAN LIGHT ENHANCE PERFORMANCE?



DO YOU HAVE DYNAMIC LIGHTING?



INCREASE SAFETY AND VISIBILITY

Recreational and competitive sports require 300 – 500 lux levels to see objects moving at high speed. Lighting for multi-purpose sports courts needs to ensure the player can see a moving ball against a hall background and to locate team members quickly.

Having uniform light and minimum glare is a must for sports that require above-head vision.

The Cascade offers well balanced illumination that prevents unwanted contrast or glare, it has a very high colour rendering index of $Ra > 90$ for clear distinction between object colours.

BOOST ATTENTION & VISUAL COMFORT

Optimised lighting increases attention span and keeps the students alert. Replacing old/faulty lighting with uniform LED lights will minimise shadows and improve visual comfort.

For example, converting a sports court to a morning assembly hall or examination environment requires lighting to be dimmed down to 160 lux or 240 lux respectively from the ultra-bright environment required for sports.

The Cascade offers multiple dimming applications, making it easy to adjust the lighting levels to suit the activity in the multi-purpose hall. Dimming the lights does not reduce spatial uniformity or colour rendering unlike the limitations of previous lighting technologies such as metal halide bulbs and fluorescent tubes. These subtle changes to lighting can trigger deeper concentration and increase attention spans of students.

ENHANCE PERFORMANCE

Sporting events, morning assemblies, examination time and school plays achieve higher performance and better viewer engagement when lighting complements the activity. The effects of using uniformly distributed light, that depicts vivid colour in a space, has been known to influence and lift moods whilst also boosting the morale of the occupants.

The Cascade offers high efficacy, long lifetime and high colour rendering, it has glare shielding and flexible dimming options, which is perfect for any high ceiling multi-purpose school hall.

KASCADE

MASSIVE SAVINGS

UP TO 75%
ENERGY
SAVING

FURTHER SAVINGS

DIMMING
CONTROL
3 IN 1

ULTIMATE SAVINGS

ZERO
MAINTENANCE

**LIGHTING IS ONE OF THE TOP
CONSUMERS OF ELECTRICITY
IN SCHOOL HALLS**



Traditionally high ceiling school halls used metal halide bulbs or fluorescent tubes, these lights are highly inefficient and expensive to run and maintain. They can take up to 15 minutes to reach full brightness or start with an initial flicker. As they age they become noisy and less energy efficient. Dimming is not as easy with metal halides and fluorescent tubes, in fact it negatively impacts the product's lifespan.

EnLighten's Kascade can dramatically reduce energy consumption by up to 75%. and eliminate maintenance costs. Kascade luminaires instantly turns on with no delay and comes with a dimming control to increase energy savings.

The Kascade comes in four different wattages from 100W to 200W and can be optically configured in 50°, 90° or 120° beam angles to suit the required application.

HIGHEST
IMPACT
RESISTANCE
IK10 RATED

EASY COLOUR
DISTINCTION
CRI > 90

ROBUST
AND SAFE
NO BREAKABLE
GLASS

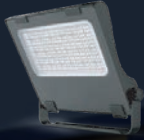
GLARE
REDUCTION

UNIFORM
ILLUMINATION
50°, 90°, 120° optics

DIMMING
CONTROL
3 IN 1

We offer comprehensive educational lighting solutions

FLOOD LIGHT



Noctua

EMERGENCY, FIRE STAIRS AND CAR PARK



Chamaeleon™ III



Chamaeleon™ Eco



Vico

OUTDOOR CAR PARK & PATHWAY LIGHTING



Zorro



Zorro Unplugged
(Solar powered)

GENERAL CLASSROOMS, SCHOOL LABS & LIBRARY



Skyline

GYMNASIUM & MULTI-PURPOSE HALLS



Kascade

WORKSHOP



Tauro Eco



Kascade

CORRIDOR LIGHTING



Chamaeleon™ III



Chamaeleon™ Eco



Vico



Chamaeleon™ Deco



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