

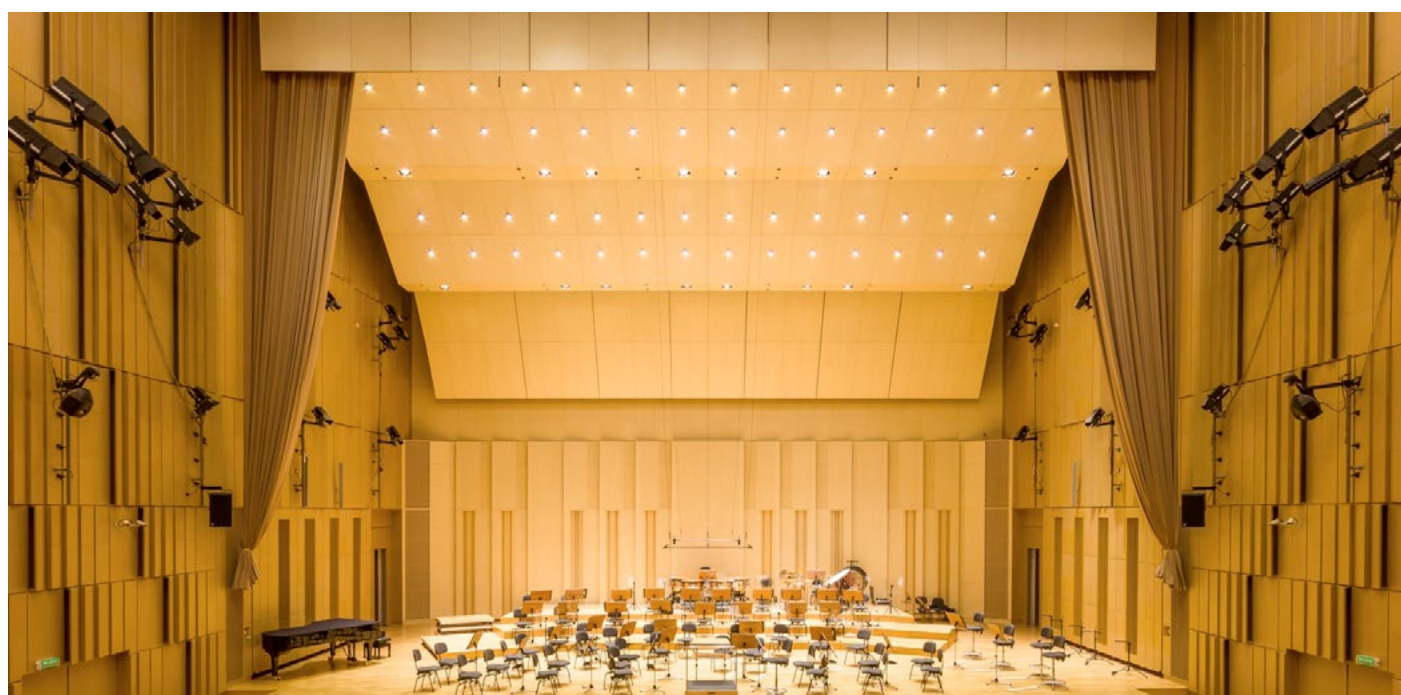


DOWNLIGHT SERIES



Architectural
Series

Hyperion
Series



450
Series

Vedette
Series



Cyclorama
Series

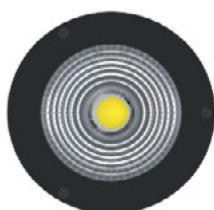
Downlight
Series

ARC / PO
Systems

DOWNLIGHT SERIES

The ideal solution for installations where silence, energy saving and maintenance cost reduction are key factors:

Orchestra Shell, House lighting, Working light, Shop windows, Malls, Museums, Exhibitions, Art Galleries and Rental Companies, but also: TV studios, Cinemas, Theatres and many others.



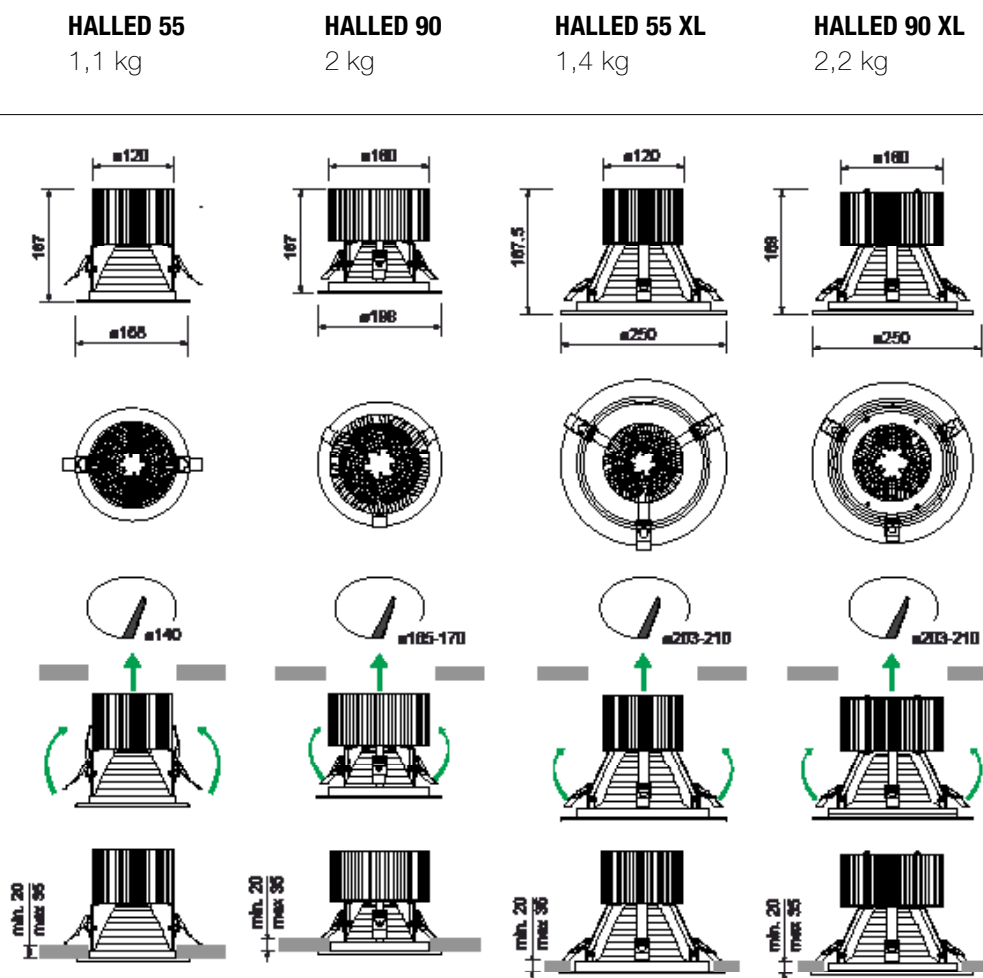
- black
- white
- real silver
- RAL colours on request

Main general features:

- High output Bridgelux COB LED Light Engines (>12000lm @90W, 133lm/w) with reflector for uniform light beam output in order generating just one shadow in faces and objects
- High quality aluminate polycarbonate optics, in three different opening / beam angles (12°, 29°, 46°, 72°)
- Long life, low maintenance and nearly 75% saving on mains power consumption if compared to an equally-performing conventional fixture
- Light output higher than the usual halogen lamps, with energy saving and less heat production
- No dangerous UV or IR rays for the safe lighting of people and objects
- Separate power supply unit with DALI or DMX control and possibility of selecting the linear or logarithmic curve
- Aluminium retaining ring and methacrylate protection screen
- Classical Orchester venue quiet with no buzzing or detectable RFI thanks to natural heating dissipation (no fans)
- Rustproof Aluminum housing compact and lightweight
- Fixing Springs and customized solutions for standalone and ceiling mounting
- Reduced installation and cabling costs thanks to the In&Out chain connection system both for power mains and DMX/DALI data control
- 100% smooth dimming down to zero by 16bit DMX512 without visible stepping, flash or flicker
- Flicker-free mode with adjustable PWM LED frequency for best use with cameras
- Constant Color Temperature CCT during the whole dimming curve
- Supports USITT DMX512-A control (ANSI E1.11)
- RDM over DMX512 Networks (ANSI E1.20)
- Compatible with DALI, Casambi and Bluetooth Lighting Solutions
- Onboard monitoring and reporting by RDM

High efficiency, long lasting, innovative white light source, with separate power supply available with Dali or DMX control.





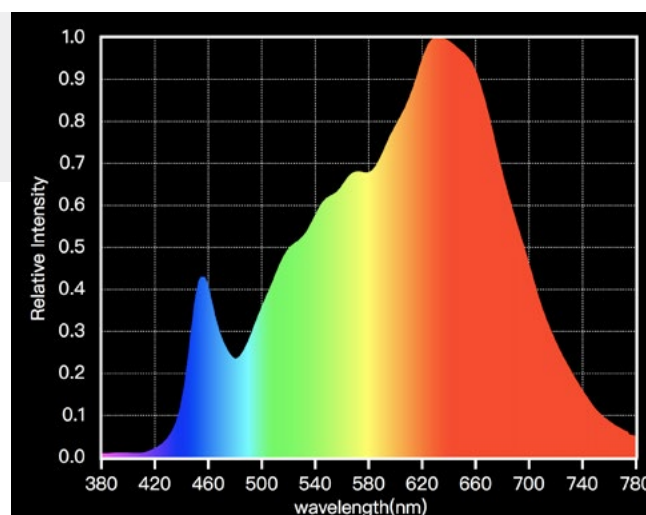
The excellent White Light for Musicians and Opera in Performing Arts is a must

We choose the White Light Phosphor Technology being this the only way you can generate a full color spectrum white like our sunlight or halogen lightbulbs.

Specially with Philharmonic Orchestras and in Opera Houses the fidelity of colors, skin tones of the actors and musicians and their very expensive equipment is the absolute must.

Moreover, with the COB LED's with reflector for uniform light beam output you're generating just one Light beam and consequently you'll have also only one B&W shadow in faces and objects.

Halled has the ability to transform the look and feel of a space by introducing a high quality white light, designed for a wide range of different applications.



White

Local and DMX control for direct adjustment of intensity

- **1 ch:** dimmer
- **2 ch:** dimmer, strobe
- **3 ch:** dimmer, dimmer fine, strobe

Mechanical design universal solutions

Limitless options, integrated solutions, and unparalleled service and support under ISO 9001 Quality Management are the key features of the HALLED.

They can be customized with your RAL powder-coat paint, different bezel, clips, yokes and fixing solutions to properly finish shell ceiling appearance from below. Ceiling mounting, fixing springs and customized solutions for standalone beam positioning in all directions.



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Dimming

Fundamental is also the totally smooth dimming performance from 100% to black. The dimming is done by 16bit DMX512 without visible stepping, flash or flicker, where you can individually address and control each Halled.

All Halleds across the installation are dimming smoothly to the same level at the same rate and finally fade to black at the same time in flicker free mode without any step change to off at the end.

Moreover, the enlightened objects with their colors remain consistent at all levels during dimming – it's the must for Camera when the Television are filming the event.

Userfriendly menu with easily adjustable PWM LED frequency for best use with cameras up to 20.000 Hz for high speed shootings.

A linear or logarithmic dimming curve is also selectable.

The driver can be controlled via RDM for proper DMX addressing and status report.

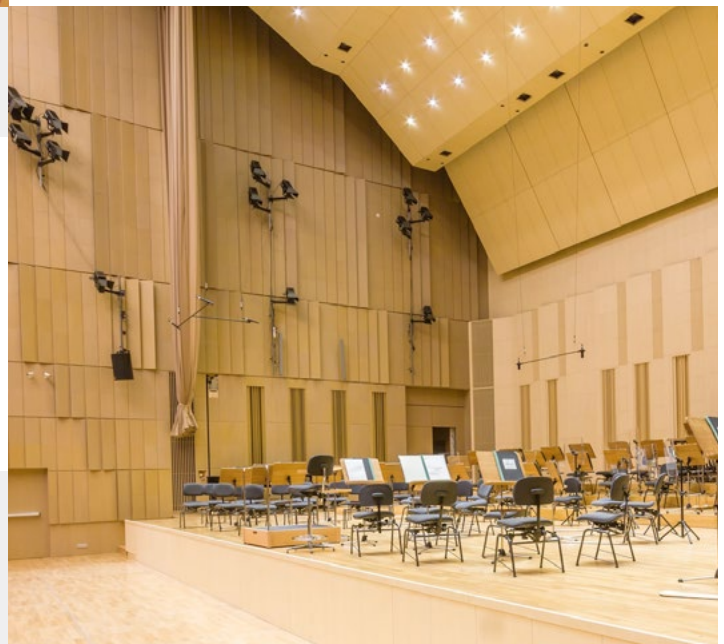
Hidden efficiency with passive aluminium heat sink and no fan

The Halleds are based on a highly effective natural thermal management system without fan, no noise. It's absolute silent with no buzzing or detectable RFI.

No heat

Thanks to its low power bright light in acoustic shells there is no risk to heat up with dangerous IR and UV, the expensive instruments and scenery, keeping the musicians and performers comfortable on stage and increasing also the safety in the House.

The Actors will have the best light for every performance, exactly where they want it.





In the Performing Arts, the quick maintenance and reliability are fundamental: the HALLED guarantees both thanks to the remote location of the driver and power supply.

No heat load from the LEDs towards the electronic and no heat load from the power system to the LED array, reducing the risk of failure.

Specially by ceiling mounting you'll not have the weight of the electronic on the downlight itself. It means that on the different parts of a modular acoustic shell, you can install the electronic in a safe place, avoiding damaging during installation and storage. It is helping also to keep the modular acoustic panels balanced when you're flying them in heights.

With this separate PSU system, you'll also reduce the installation, maintenance and cabling costs thanks to the In&Out chain connection system both for power mains and DMX/DALI data control.



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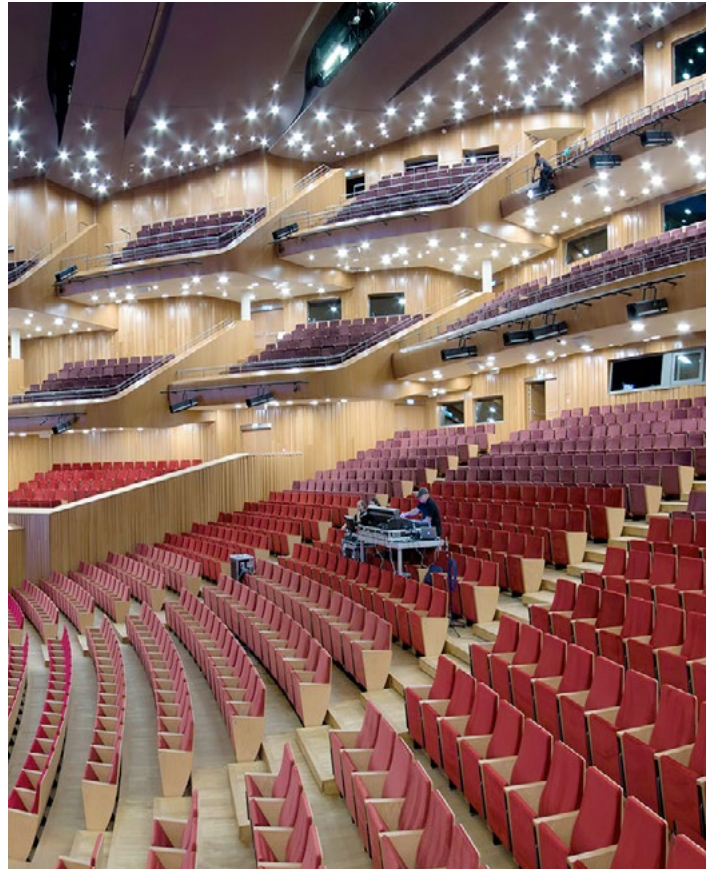
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Main LED advantages:

- No dangerous UV or IR rays for the safe lighting of the people and objects. The total absence of ultraviolet rays is essential to avoid damaging items in shop windows or ancient and valuable products in museums and let any colour filter in front of it live without fading for a nearly unlimited time
- No radioactive or mercury-based components
- Nearly 75% saving on mains power consumption if compared to an equally-performing conventional fixture
- Reduced installation and cabling costs thanks to the In&Out chain connection system both for power mains and DMX/DALI data control
- Savings on running costs thanks to the extended lifespan of the LED source compared to the periodical replacement of conventional bulbs
- Savings on the air-con setup and supply, thanks to the lower heat emission of the fixtures
- No maintenance costs for the replacement of colour filters due to overheating and damage





SPOTLIGHT sc
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