

A photograph of a modern office lounge named 'The Porter'. The room features a long, dark wood desk with a man in a suit standing at it, looking at a computer monitor. The desk is illuminated by warm, pendant-style lights hanging from the ceiling. The wall behind the desk has the name 'The Porter' in large, gold letters and 'HAWORTH xFriends' in smaller letters. The floor is made of light-colored wood. The overall atmosphere is sophisticated and modern.

PHILIPS

Office lighting

Case study

The Porter: organic elegance meets state-of-the-art sophistication

Combining a comforting ambience with sophisticated modern technology, The Porter is Sydney's premier business executive lounge.

Background

Haworth collaborates with businesses worldwide to create organic working environments. By adopting an open-platform approach and partnering with best-in-class organizations, Haworth is able to offer sophisticated integrated workspace solutions to its clients. As a natural progression of this philosophy, Haworth is partnering directly with building owners to develop business club environments that embody a shared vision for creating luxurious and effective meeting and working spaces.

Haworth recently partnered with Lend Lease – managers of 1 O’Connell Street, an iconic 35-storey office building in the heart of Sydney’s CBD – to develop part of the building’s lobby area into an adaptable and flexible workspace, suitable for a dynamic range of business, community and social activities.

Haworth and Philips Lighting have fostered a strong and productive strategic alliance over a number of years, and have recently partnered on several core-

level projects, including a dynamic shared workspace in the Parkview Green building in Beijing. Consequently, it was natural that Haworth elect to leverage our Dynalite control systems expertise once again to provide a state-of-the-art lighting solution for the new project at 1 O’Connell Street – known as The Porter.

The challenge

Haworth’s challenge for 1 O’Connell Street was to transform 600 square meters of lobby space into a flexible and adaptable workspace that would help support the ongoing business needs of existing building tenants as well as new users. All too often, the lobbies of similar commercial buildings are simply given over to unimaginative retail ventures and food courts.

The Porter design brief called for an exclusive business club lounge area, separated into a series of distinct working areas: The Studio, an open area designed for workshops, presentations and interactive meetings; The Atelier, a technology-enabled room for workshops, training seminars, video/audio conferencing and focused meetings; The Library, a serene hot-desking area also set up for video/audio conferencing; and The Lounges for more informal meetings, equipped with wireless presentation screens.

The lighting/automation design—developed in close collaboration between Haworth and Philips Lighting Solutions Manager, Vessi Ivanova – needed to reflect the overall design ethos of The Porter, complementing the requirements of the different spaces. The lighting plan focused on realizing the best possible balance between form and function, and this was achieved through a combination of architectural and feature pendant LED lighting to create the desired ambience, with Digital Addressable Lighting Interface (DALI) LED luminaires delivering task-specific illumination.



“The Dynalite controls are a standout feature of the project. It is a very flexible and elegant system that perfectly matches the overall design of The Porter.”

Viswesh Sathi, Haworth Australia Business Operations Manager



The solution

The switching of the feature and architectural lighting is achieved via two Dyalite DDRC1220FR-GL relay controllers, while the dimming for the 120 DALI-addressable luminaires is controlled through a three-channel DDBC320-DALI controller. The DALI luminaires are installed on a suspended track, which delivers both a contemporary look and ultimate flexibility. One of the many benefits of a DALI system is that it allows luminaires to be regrouped easily. The use of suspended lighting tracks allows luminaires to be physically repositioned without the need for rewiring.

An additional DDRC810DT 8-channel relay controller enables motorized blind control through the Dyalite system, while a DNG232 RS232 network gateway allows full two-way integration between the lighting control system and the AMX protocols used by the AV systems in the video-conferencing and meeting rooms.

The use of DUS704C universal sensors and the DDTC001 Timeclock facilitates automated scene control based on both operating hours and the occupancy status of various areas. The award-winning AntumbraButton user interface further enhances the elegance of the solution, while the DTP170 Color Touchscreen provides an intuitive supervisory interface for the entire system.

The various elements of the system are interconnected through the robust DyNet RS485 network, and the system was commissioned using EnvisionProject commissioning and management software.

Benefits

The finished system's ease of operation belies its underlying sophistication, perfectly matching the overall design ethos of The Porter. The AV integration provides a perfect example of this, with a single button press simultaneously turning on the AV systems, closing the blinds and optimizing the lighting levels.

Automation settings simplify operation for both staff and visitors, providing an inherently energy-efficient system that is both unobtrusive and intuitive to use. Moreover, the DALI protocols deliver the flexibility to allow lighting moods to be adjusted easily through preset scenes, while facilitating future layout changes without the need for costly rewiring.

Completed in June 2014, The Porter demonstrates what can be achieved through a true partnership between industry-leading specialists. The finished result is an organic workspace that offers the perfect environment to support the wide-ranging business requirements of The Porter's members.

Fast facts

Project:

The Porter

Location:

1 O'Connell Street, Sydney, Australia

Building owner:

Lend Lease

Interior designer:

2D3D Creative

Lighting designer:

Philips Lighting Solutions

AV integrator:

Peace Of Mind Technology

System installer:

FDC

Products:

DDBC320-DALI DALI Driver Controller, DDRC1220FR-GL Relay Controllers, DDRC810DT-GL Relay Controller, AntumbraButton user interfaces, DTP170 Color Touchscreen, DUS704C Universal Sensors, DDTC001 Timeclock, DyNet RS485 Network, DNG232 RS232 Network Gateway, EnvisionProject commissioning and management software



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