

TekDek™ Delivers with Elegance



Location: Chicago, Illinois
 Details: Ping Tom Boathouse
 Architects: Johnson & Lee Architects

“Not only is there an elegance to the TekDek fixture, but because it’s both LED and high-abuse, it’s virtually maintenance free.”

– Peter Hugh
 President, Hugh Lighting Design



Project Summary

Challenge: Provide an aesthetically-pleasing LED luminaire that is vandal-resistant and maintenance free.

Solution: TekDek™ luminaires in the boat house.

Benefit: Lighting fixtures that meet all the projects requirements with an added bonus of energy savings.

TekDek's™ clean, simple design complements architecture in Chicago Park District boathouse

Ping Tom Boat House, Chicago, IL



"I wanted a fixture to complement the architecture with a clean, simple design, provide a lot of light and also be able to withstand any vandalism."

— Peter Hugh, president,
Hugh Lighting Design

As part of an initiative to restore portions of downtown Chicago's riverbank, Mayor Rahm Emanuel announced the construction of four new boathouses, including one at Ping Tom Memorial Park. This move is also part of an initiative to transform the park's status from neighborhood to regional.

The boathouse at Ping Tom is part of the long-term transformation that began with the eminent domain acquisition by the Chicago Park District, which included a 12-acre riverfront site previously occupied by a Chicago and Western Indiana rail yard.

The building is a one-story, three-season building with approximately 2,400 square feet of kayak/canoe storage, restrooms, an office and a janitor's room. The exterior plaza consists of a metal canopy and a walkway to a floating dock.

Chris Lee of Chicago-based Johnson & Lee Architects purposely designed the Ping Tom Boathouse to feature Mandarin-red steel framing to match railings in the park along with a bright yellow canopy featuring circular lights.

As part of the City of Chicago's directive to use LED luminaires wherever possible, Chicago based-Hugh Lighting Design considered three manufacturers. After comparing all three manufacturers' products, Peter Hugh, president of Hugh Lighting Design, selected Kenall Lighting's TekDek™ for its clean, simple design, its outstanding lumen package and its ability to withstand vandalism.

The boathouse is installed with 30 of the 50 watt TekDek luminaires. The non-glare, even-illumination provides patrons with a feeling of security without an institutional, over-lit appearance.

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TekDek is constructed of environmental and impact resistant materials—marine-grade aluminum housings, UV-resistant polycarbonate lens and lens base, stainless steel fasteners, and extruded closed-cell gasketing—supporting Hugh's desire for a vandal-resistant fixture.

TekDek provides:

- Unprecedented glare reduction
- Fixture efficacy 100 lumens per watt
- LED lifetime (L70) up to 150,000 hours per LED engine
- Zonal dimming for up to 77% energy savings
- Cutting-edge thermal management with patent-pending heat-sink technology



TekDek™ floats in style above the canoes and kayaks at the Ping Tom boathouse in Chicago.

Chicago Park District benefits:

- Aesthetically-pleasing, vandal-resistant luminaire
- Unprecedented glare reduction
- Fixture efficacy 100 lumens per watt
- Outstanding lumen package
- Reduction in maintenance time and costs

Open since June 2013, the \$2.5 million boathouse has an appealing, exposed-steel gutsiness. Its hard-edged aesthetic sets up a vivid "machine in the garden" contrast with the contemplative, contemporary landscape in the Ernie Wong-designed Ping Tom Memorial Park.

For more information, please visit us on the web at www.kenall.com



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