



Client
Houndstooth Pub

Location
520 8th Avenue NY, NY

Lamps Replaced
167

Total kW Saved Per Year
45,123

Total Annual \$ Savings
\$12,720

% Net Savings
66%

Project Timeline
4 weeks

Installation Date
September 8, 2011



Houndstooth Pub

Customer: Houndstooth Pub prides itself on serving the best in Gastropub cuisine with friendly and helpful service. Voted as one of Citysearch's Best of Restaurants in 2010, Houndstooth's 6,800 square feet of space features 3 distinctive rooms all containing full private bars and plasma HDTVs.

Lighting Challenge:

- Provide adequate and even light throughout the large main dining room
- Match the warm color temperature of existing accent lighting
- Replace missing and burnt out bulbs
- Navigate 20 foot ceilings on the upper level

Post-Retrofit Results:

- Reduced yearly lighting energy costs by \$10,829 and yearly bulb costs by \$1,890
- Achieved uniformity of light throughout the establishment by matching the color temperature of existing accent lighting, replacing missing and burnt out bulbs, and using LEDs with beam angles that could adequately cover the space

Before



After



Upstairs Bar and Dining: replicates original lighting aesthetic while drastically reducing costs

Fixtures: Recessed & Wall Sconces

Original Bulbs	Smart Lighting Retrofit
Halogen MR16 (50W)	LED MR16 (6W)
Incandescent A19 (60W)	LED A19 (13.5W)

Before



After



Downstairs Bar: Maintained warm color temperature with customized accent lighting

Fixtures: Recessed & Pendants

Original Bulbs	Smart Lighting Retrofit
Halogen MR16 (50W)	LED MR16 (6W)
Incandescent	LED
Candelabra (40W)	Candelabra (3.5W)

Before



After



Downstairs Back Bar: Wider beam angles minimize shadows while retaining the warm glow of original lights. Replaced missing lights in sconces, increasing overall light

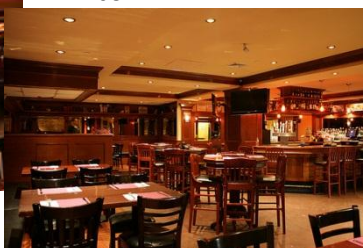
Fixtures: Ceiling and Wall Sconces

Original Bulbs	Smart Lighting Retrofit
Incandescent A19 (60W)	LED A19 (7W)
Halogen MR16 (50W)	LED MR16 (6W)

Before



After



Downstairs Dining Area: Achieved more brightness without sacrificing warmth of original lighting

Fixtures: Recessed

Original Bulbs	Smart Lighting Retrofit
Halogen MR16 (50W)	LED MR16 (6W)