Corcoran’s Irish Pub
Project Information

Owner:
HMS Host International at
McCarran International Airport

Architect:
Tate Snyder Kimsey Architects

Electrical:
JBA Consulting Engineers

Interior:
Ideation Design Group
Located in the C Gate Terminal of McCarran International Airport at 5757 Wayne Newton Blvd. Las Vegas, NV

• Within the Terminal, it is on the east side between holding areas for the Southwest Airline Gates C1 & C2

• It is a remote location at ~500ft from the main food court area but, <100 ft from arriving passengers exiting the tram immediately after passing through security

• 1 of only 2 locations where alcohol is served in this Terminal

• 1200 s.f. of public food service area, ~200s.f. dedicated to kitchen and ~200 s.f. for the bar
Corcoran’s Irish Pub can be broken up into three main areas within the open floor plan.

The three areas are separated by function, spatial features, and lighting methods. The spaces are:

- Bar area in the east side of the pub
- Fixed seating on the north and south walls
- Fixed seating in the middle of the pub
The bar and seating areas are separated by different lighting methods and lighting techniques.

- Recessed downlights are used as the main source of ambient lighting in the seating area.
- Pendant light fixtures are used in the alcove seating areas as decorative lighting.
- Track and monopoint lights are used as task lighting for the bar and random areas of the walls.
- Fluorescent strips along the north and south side of the seating areas are used as decorative lighting.

Lighting Methods
4’ Fluorescent strip lighting and decorative pendants

4” & 6” Recessed Downlights

Decorative wall sconces

Track head lighting
These are the performance specs submitted by the contractor meeting the required specifications of the fixture schedule.
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www.lithonia.com
Monopoint light fixtures with MR-16’s create awkward task lighting. They do not highlight any architectural or artistic elements and instead create hot spots on the wall surfaces.

The track light fixtures use MR-16’s. They are designed to create task lighting for the bar area.
Two (2)-Four foot fluorescent strips with T8 lamps are recessed into the alcove area’s soffit. The exposed light fixture causes visual discomfort when diners look up directly at it. One four foot strip was out on the south end of the pub.

Light is not distributed along the upper wall surface evenly.

The exposed fixture bounces light around the recessed area creating visual pollution.
Light washes the wall to brighten the space and create a feeling of definition. The concealed fixtures look more aesthetically pleasing than an exposed fluorescent strip.

Litecontrol Concealed Cove Systems can be mounted in either the horizontal plane for horizontal surface (ceiling) illumination or the vertical plane for vertical surface (wall) illumination.

Concealed cove lighting will wash the wall more evenly than exposed fluorescent strips. Litecontrol’s Cove 25 is a one-lamp T5 cross-section, for standard or high-output T5. It is 86.9% efficient, with a maximum intensity of 2155 candela.
Intense Lighting ITV17
Features:
• Designed for accent and task lighting
• Lightweight, strong construction
• Clean style
• Adjustable for precision aiming
• One or two circuit track capable
• 355 degree rotation

The ‘hot spots’ created by the monopoint accent lighting can be minimized with the use of accessories or by simply changing the mounting distance.

Accessories such as the Barn Door Shutter and the Honeycomb louver filter by Intense Lighting can be ways of fixing poor lighting.
Corcoran’s Irish Pub located within the C Gates at Mc Carran International Airport is a cozy place to unwind before boarding a plane. The ambient lighting was sufficient to allow guests to move around and visually recognize the space. According to Lighting Design Basics, “The amount of ambient light is important; if the ambient light level in the space is significantly lower that the task levels, the contrast between task and ambient will be high and the space will appear more dramatic.”

Exposed lighting fixtures, such as the fluorescent strips on the north and south walls of the alcove seating areas, can not only look aesthetically unpleasing, but can also create light and visual pollution. Concealed cove systems, such as Litecontrols Cove 25, is a efficient and affordable solution. T5 lamps are now more efficient than the previous T-Series lamps and can add dramatic decorative light to a space without having to visually see the fixture.

Track Lighting and Canopy Monopoints are good sources of task lighting. However, mounting specifications should be looked at to ensure that the appropriate foot-candles are being distributed to the specific highlighted areas. The photographs of the Irish Pub showed ‘hot spots’ that drew unwanted attention. Light accessories should be given as much consideration as selecting the light fixture. Lenses, Barn doors, and Louvers can all be used to minimize such problems and create comfortable task lighting for both guests and workers.


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