

DXAIR INDOOR POOL DESIGN GUIDELINES LIGHTING FOR YOUR ENVIRONMENT



Based on our building experience, we recommend that all lighting installed in the indoor pool room environment be:

1. SURFACE MOUNTED

2. NON-CORROSIVE

- **Top Hat or Recessed Can-in-Can type lighting is not recommended in a swimming pool area for the following reasons:**
 - **When recessed cans are installed, they penetrate/puncture the installed vapor barrier, now defeating the purpose of the barrier that helps prevent moisture migration into the ceiling area.**
 - **Moisture can migrate up into and around the cans and potentially cause damage to insulation, etc.**
 - **Recessed can lighting tends to overheat and shut down when installed in an area of foam type insulation.**
 - **Ensure Negative Pressure is established in the pool room.**