

# tyco

Fire Protection  
Products

**ARE YOU READY TO  
MEET ALL LAS VEGAS  
STANDARDS?**

**BE THE FIRST TO MEET VEGAS CODE  
AND AESTHETIC REQUIREMENTS.**

The ILLUSION 11.2 K-Factor Sprinkler is designed specifically for Las Vegas standards. ILLUSION is a fast response, extra-large orifice concealed pendent sprinkler, and is perfect for casinos, hotel lobbies, and restaurants. ILLUSION Sprinklers blend in so well they give the *illusion* they aren't even there.

- ◆ **The ILLUSION is specifically designed for casino atriums, exhibit halls, retail areas, and gaming areas with over 25' ceiling heights.**
- ◆ **This extra-large orifice sprinkler meets Las Vegas high-density requirements.**
- ◆ **A subtle flat plate cover can be custom painted to match any décor.**
- ◆ **Backed by the industry's best 10-year limited warranty.**

ILLUSION, 11.2 K-factor, Standard Coverage, Extra-Large Orifice Concealed Pendent Sprinklers are decorative, fast response solder type sprinklers featuring a flat cover plate designed to conceal the sprinkler.

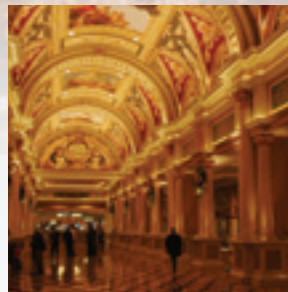
This sprinkler is ideal when:

- ◆ Aesthetics are key
- ◆ Higher applied water density is needed
- ◆ Ceiling heights exceed 25 feet

A key feature of the concealed sprinkler is the separable two-piece design of the Cover Plate and Support Cup Assemblies. This feature allows sprinkler installation and pressure testing of the fire protection system prior to installation of a suspended ceiling or application of the finish coating to a fixed ceiling. This design also permits removal of suspended ceiling panels for access to building service equipment without having to first shut down the fire protection system and remove sprinklers, **saving owners time and money.**

## ILLUSION 11.2 K-Factor QUICK RESPONSE EXTRA-LARGE ORIFICE CONCEALED PENDENT SPRINKLER

*Casino Sprinkler (TY5521)*



**ILLUSION**  
We Cover All The Action  
ILLUSION

### TECHNICAL DATA

**Approvals:** UL and C-UL Listed

Listings apply only to service conditions indicated in Data Sheet TFP184.

**Maximum Working Pressure:** 175 psi (12,1 bar)

**Discharge Coefficient:** K = 11.2 GPM / psi (161,3 LPM / bar)

**Temperature Ratings:** 160°F (71°C) Sprinkler / 139°F (59°C) Plate  
212°F (100°C) Sprinkler / 165°F (74°C) Plate

**Adjustment:** 3/4 inch (19,1 mm)

Refer to the **Technical Data Sheet TFP184** for all Listing / Approval criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.

When placing an order, indicate the full product name. Contact your local distributor for availability.

### ILLUSION Concealed Pendent (TY5521)

Temperature	Finish	P/N
160° (71°C)	Brass	P/N: 50-711-1-160
212° (100°C)	Brass	P/N: 50-711-1-212

### Cover Plates

139° (59°C)	Brass	P/N: 56-892-1-139
139° (59°C)	Chrome	P/N: 56-892-9-139
139° (59°C)	Signal White (RAL 9003)	P/N: 56-892-4-139
139° (59°C)	Grey White (RAL 9002)	P/N: 56-892-0-139
139° (59°C)	White (RAL 9010)*	P/N: 56-892-3-139
139° (59°C)	Custom Color	P/N: 56-892-X-139

165° (74°C)	Brass	P/N: 56-892-1-165
165° (74°C)	Chrome	P/N: 56-892-9-165
165° (74°C)	Signal White (RAL 9003)	P/N: 56-892-4-165
165° (74°C)	Grey White (RAL 9002)	P/N: 56-892-0-165
165° (74°C)	White (RAL 9010)*	P/N: 56-892-3-165
165° (74°C)	Custom Color	P/N: 56-892-X-165

\* Eastern Hemisphere sales only

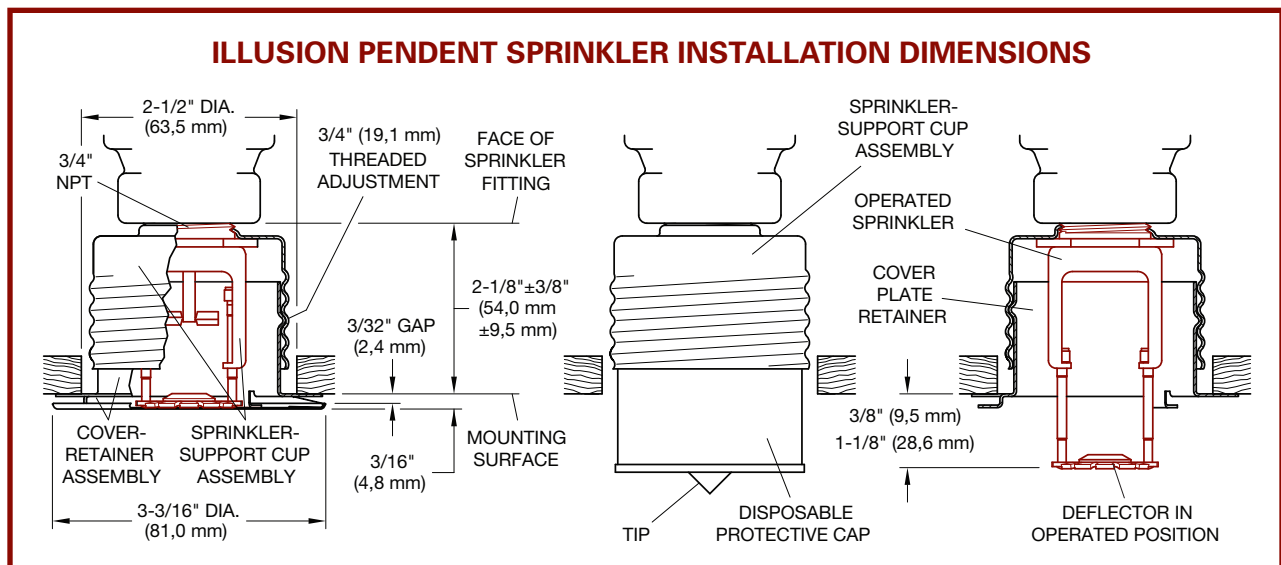
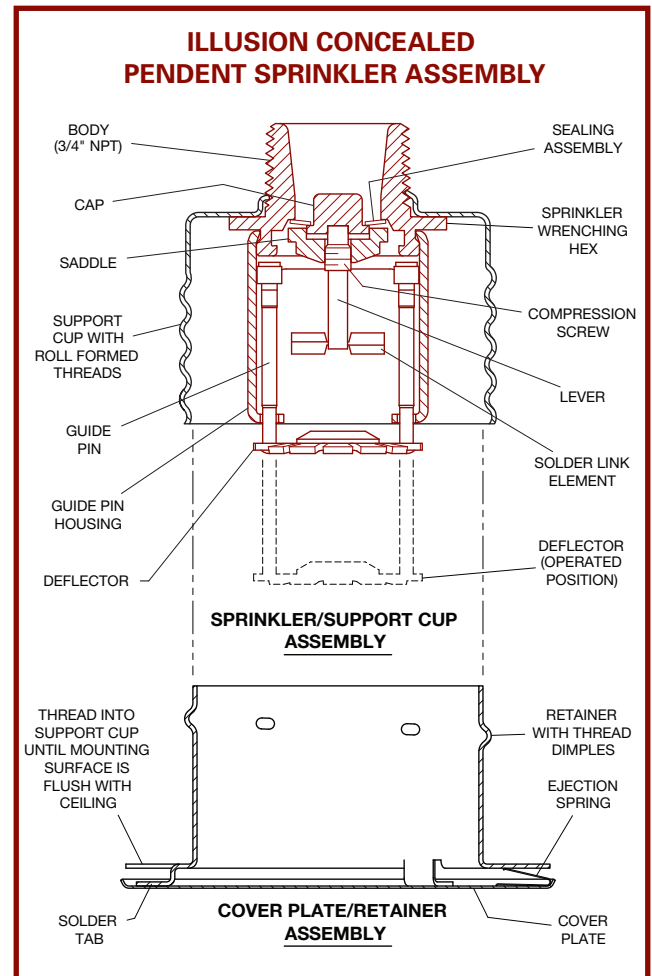
### Sprinkler Wrench

W-Type 18 P/N: 56-000-1-265

Air and Dust Seal P/N: 56-908-1-001



We can match any Sherwin Williams color for your Flat Plate Sprinkler installation.



### Tyco Fire Protection Products

Technical Services

Phone: 800-381-9312 Fax: 800-791-5500

[www.tyco-fire.com](http://www.tyco-fire.com)

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