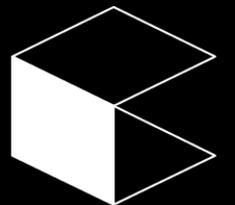




# SKYSPAN – SURFACE MOUNT DESIGN & INSTALLATION PROCESS OVERVIEW

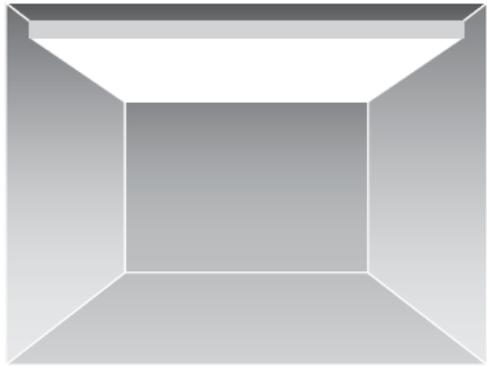
October 2025



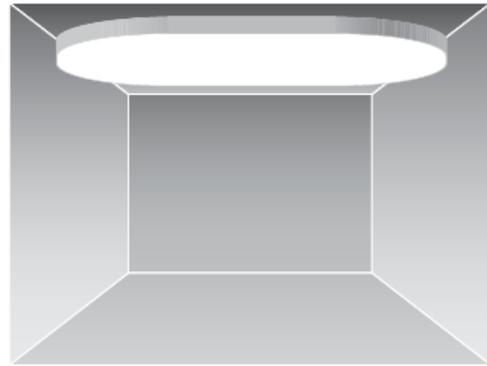
**COOLEGE™**

Light as a building material

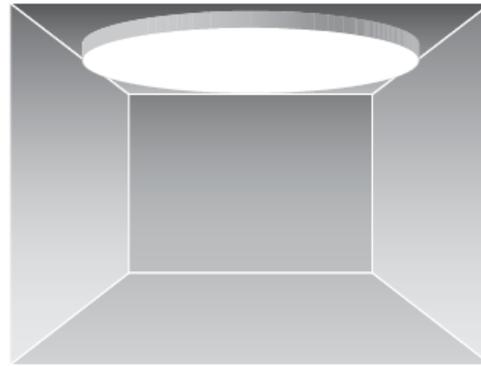
# SKYSPAN SURFACE MOUNT OVERVIEW



RECTANGLES



CURVED CORNERS



CIRCLES

## SkySpan Surface Mount

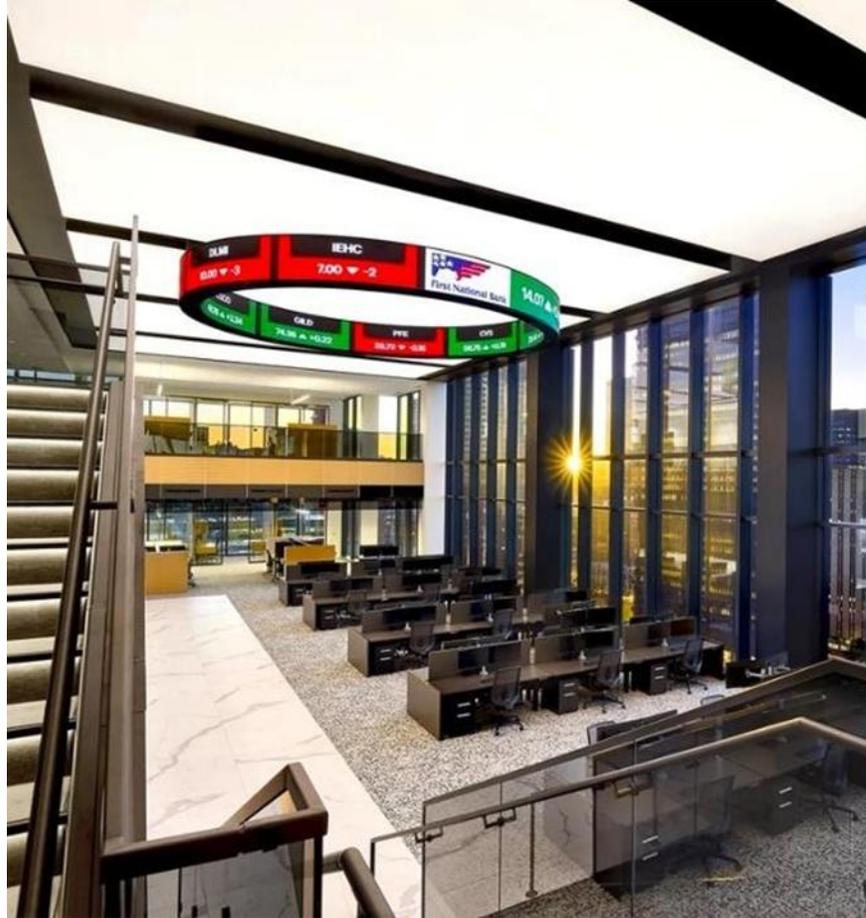
In general, there are 3 types of fixture

- Rectangles
- Curved Corners & Irregular Shapes
- Circles

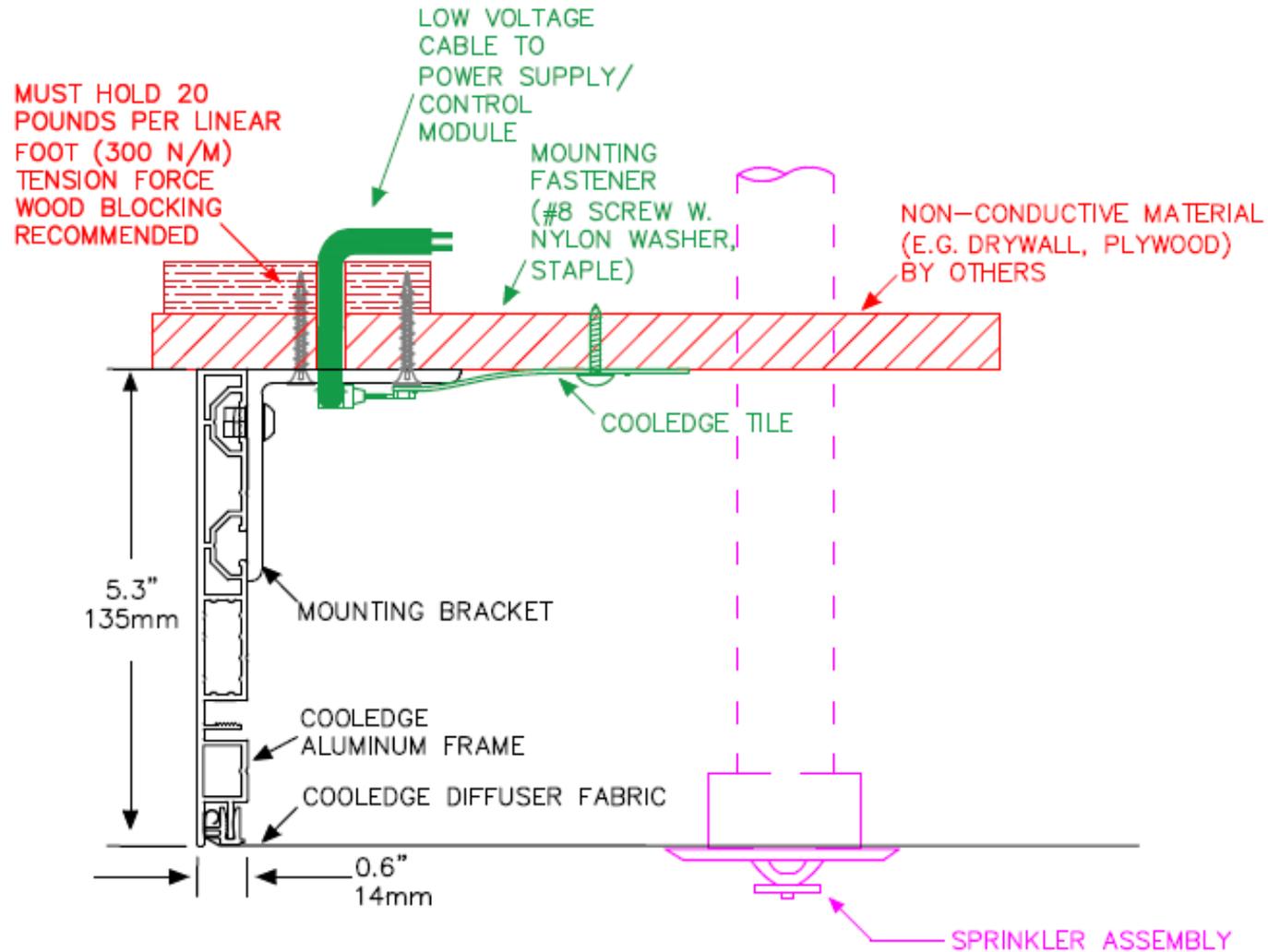
## SPECIFICATION HIGHLIGHTS

Mounting Type	Surface Mount
Diffuser Material	Woven Polyester Fabric Standard (other options available)
Maximum Seamless Dimensions	15.5ft (4.7m) x 161ft (49m) (WxL)
Light Output Options	7 Constant Flux Options (Build-To-Order available)
Color Temperature (CCT)	5 CCT Options plus Tunable White (3 tunable ranges available)
Color Rendering Index (CRI)	90+
Frame Height	5.3in (135mm)
Minimum Bend Radius	Minimum 15in (380mm)

# SKYSPAN SURFACE MOUNT



# SCOPE: FIXTURE CROSS-SECTION



## General Contractor

- Installation of blocking (recommended) and white Level 4 ceiling surface

## Electrical Contractor

- Installation of all high voltage mains wiring including connection to Coolidge Power Supplies
- Installation of Coolidge Lighting System including TILES or Panels, T-Cables, Control Modules, Power Supplies and all associated low voltage wiring when required by project.

## Coolidge Installers

- Installation of Coolidge SkySpan Surface Mount system (aluminum frame, and fabric)

## Other Trades

- Installation of sprinklers or other items that penetrate the fabric diffuser

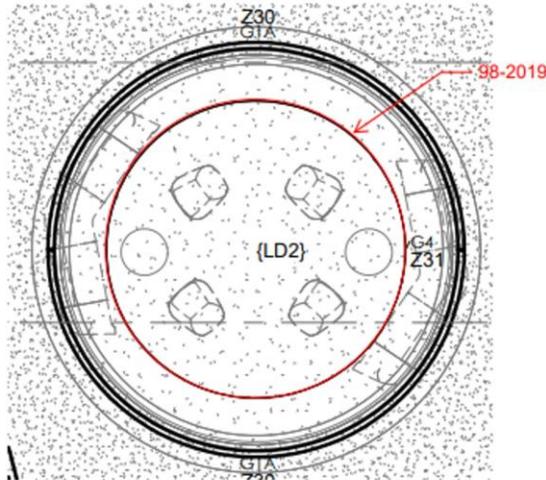
# IMPORTANT DOCUMENTS & INFORMATION

## PROJECT SUBMITTAL: SKYSPAN

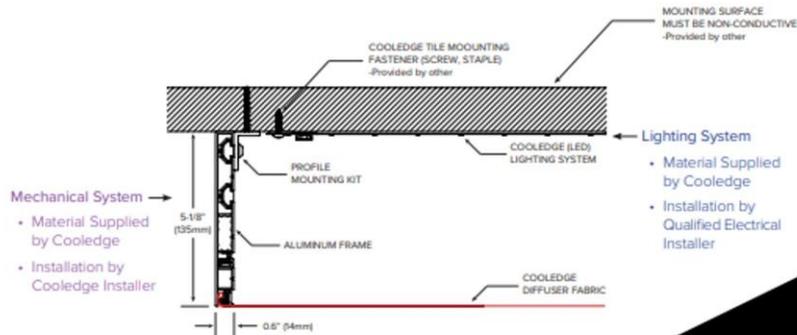
PROJECT NAME: North Shore Congregation Isreal  
 PART NUMBER:  
 COOLEGE REFERENCE - OPPY #: 016241  
 DATE: 22-Mar-2023

Section 1- Project Design:  
 FOR APPROVAL

### PROJECT OVERVIEW - SKYSPAN SURFACE MOUNT



### COOLEGE SKYSPAN SURFACE MOUNT SECTION DETAIL



COOLEGE™  
 Light as a building material

- Approved Submittals – including all layouts and mounting locations
  - Indicates location of wiring termination points
  - Includes exact Bill of Materials to be supplied by Cooledge
  - Contains a layout and wiring diagram for the Lighting System
- Remote mounting distance for power & controls
  - Determines gauge of conductors required for connection between power and controls and Cooledge lighting system (Cooledge supplies 10' 16 AWG cable – other lengths or gauges must be provided by others)

MAXIMUM RUN LENGTH - VALUES IN FEET												
# of Runs	900lm						600lm					
	2200K	2700K	3000K	3500K	4000K	5700K	2200K	2700K	3000K	3500K	4000K	5700K
1		13.00	14.20	14.60	14.60	14.60	18.30	19.10	19.70	20.10	20.10	20.10
2		5.80	6.40	6.60	6.60	6.60	8.10	8.90	9.40	9.60	9.60	9.60
3		3.90	4.30	4.30	4.30	4.30	5.50	5.80	6.20	6.40	6.40	6.40
4	N/A	2.80	3.20	3.20	3.20	3.20	4.10	4.40	4.60	4.80	4.80	4.80
5		2.30	2.50	2.50	2.50	2.50	3.20	3.50	3.70	3.70	3.70	3.70
6		1.90	2.10	2.10	2.10	2.10	2.70	2.80	3.00	3.20	3.20	3.20
7		1.60	1.80	1.80	1.80	1.80	2.30	2.50	2.70	2.70	2.70	2.70
8		1.40	1.60	1.60	1.60	1.60	1.90	2.10	2.30	2.30	2.30	2.30

## General Contractor

- Installation of Flat Ceiling with sufficient blocking material for frame installation.
- For Drywall surfaces, must have a minimum Level 4 finish
- For Plywood surfaces, must have recessed screws and gaps must be sealed
- Surfaces must be painted matte white
- Fixture location should be marked



# SCOPE – ELECTRICAL CONTRACTOR

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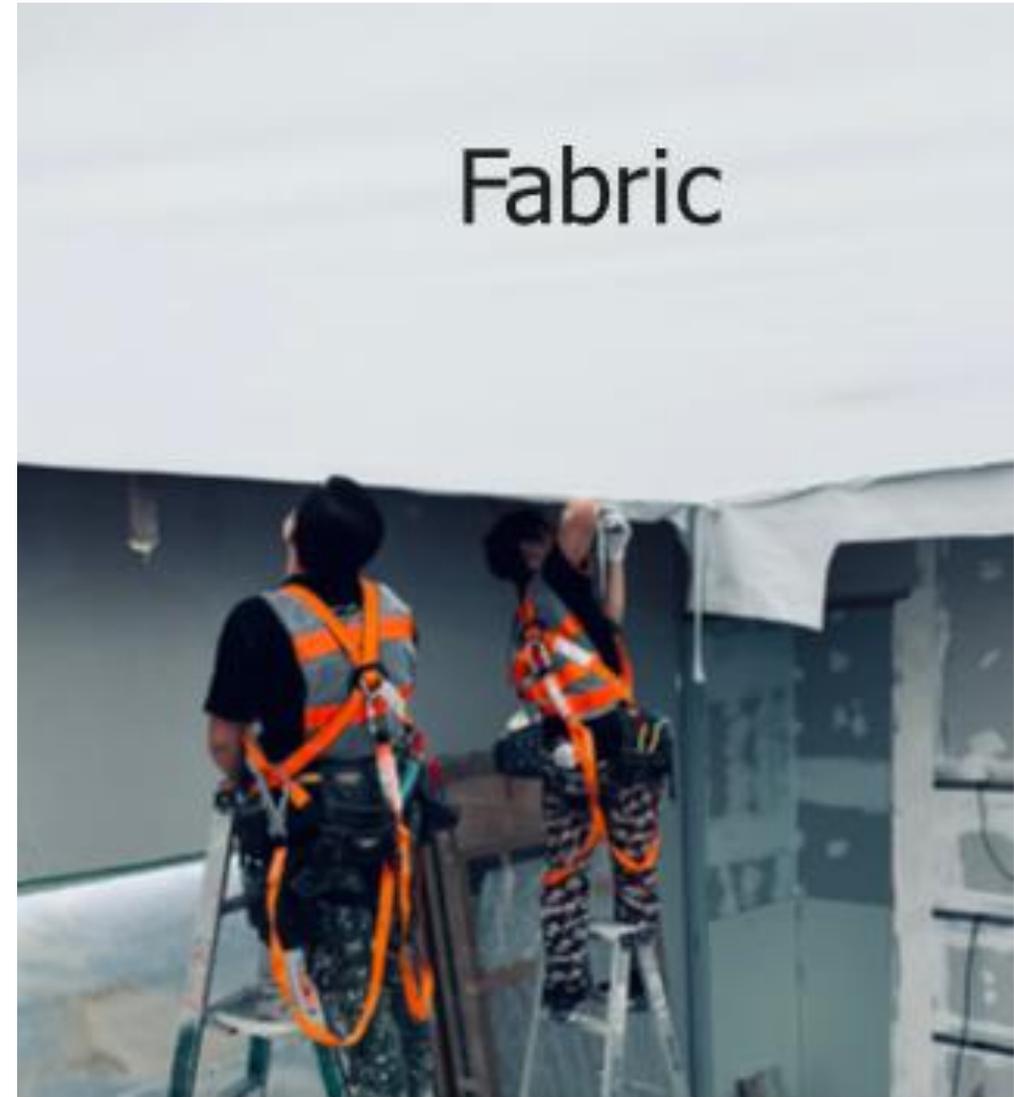
- Installation of Cooledge Lighting System including:
  - TILES or Panels
  - T-Cables
  - Control Modules
  - Power Supplies
  - All associated low voltage wiring – note that cable lengths longer than 10' must be provided by others



## SCOPE – COOLEGE INSTALLATION TEAM

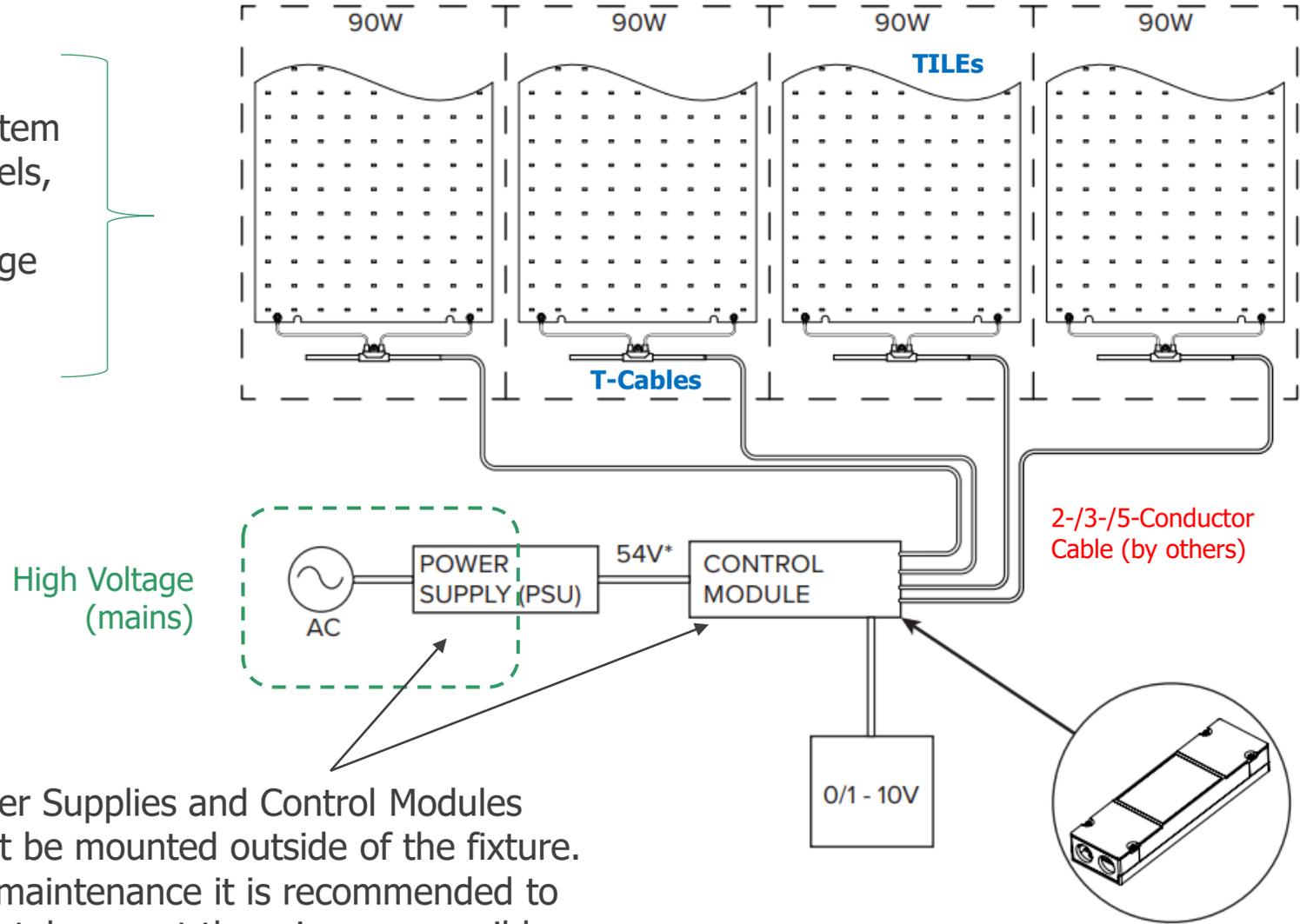
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- Installation of Cooledge SkySpan Surface Mount Aluminum Frame
- Installation of Cooledge SkySpan Diffuser Fabric



# SCOPE: POWER AND CONTROLS

Installation of Cooledge Lighting System including TILES (shown here) or Panels, T-Cables, Control Modules, Power Supplies and all associated low voltage wiring when required by project.



Power Supplies and Control Modules must be mounted outside of the fixture. For maintenance it is recommended to remotely mount them in an accessible location.



## PROCESS STEPS: PRIOR TO COOLEGE INSTALLATION

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To initiate the SkySpan Surface Mount installation process, our project management team will reach out directly to a designated site contact to begin preparation for an efficient and successful installation. It is imperative that communication begins as soon as possible

1. General Contractor must install a ceiling complete with blocking as well as white paint, appropriate sealing and fasteners, and a Level 4 Finish.
2. Electrical Contractor must pull low voltage wiring as shown in the provided lighting layout to the ceiling surface (top entry is required). Wire gauge will be determined by the distance from the Coledge Control Modules to the lighting system
3. The Coledge Lighting System will typically ship to the job site prior to the mechanical materials and will be received and controlled by the Electrical Contractor.
4. Coledge and the Electrical Contractor will review installation procedures and testing protocols specific to the installation

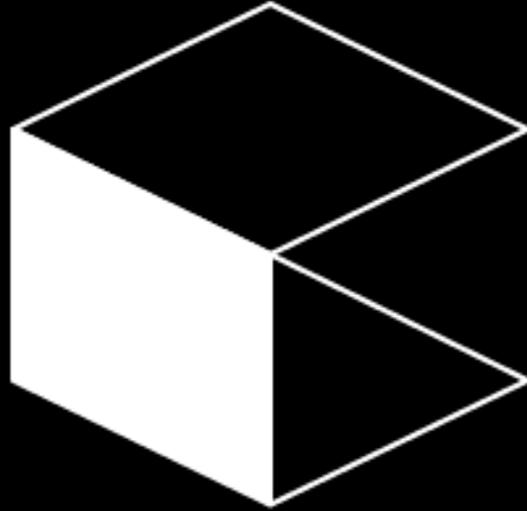
# SITE REQUIREMENTS

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- Unless indicated on the Cooledge Quote, the site shall provide lift, ladders, or rolling scaffold of suitable height for the use of Cooledge Installation Team
- The area must be free of dust/debris that could damage or stain the diffuser fabric and work in the area that could potentially cause damage to the fabric should be substantially complete.  
*(Note: Cooledge is not responsible for damage to the fabric once it is installed)*
- The area immediately underneath the fixture location must be free from obstructions (when possible)
- The site is responsible for receiving and transporting all materials to the installation area



THANK YOU



COOLEGE™