



DESIGN SHEET

R-CAR™

LUXURY INSULATED CARPORT





01 Technical Specs

02 Warranty

03 Color Chart

04 Lighting

05 Sensors

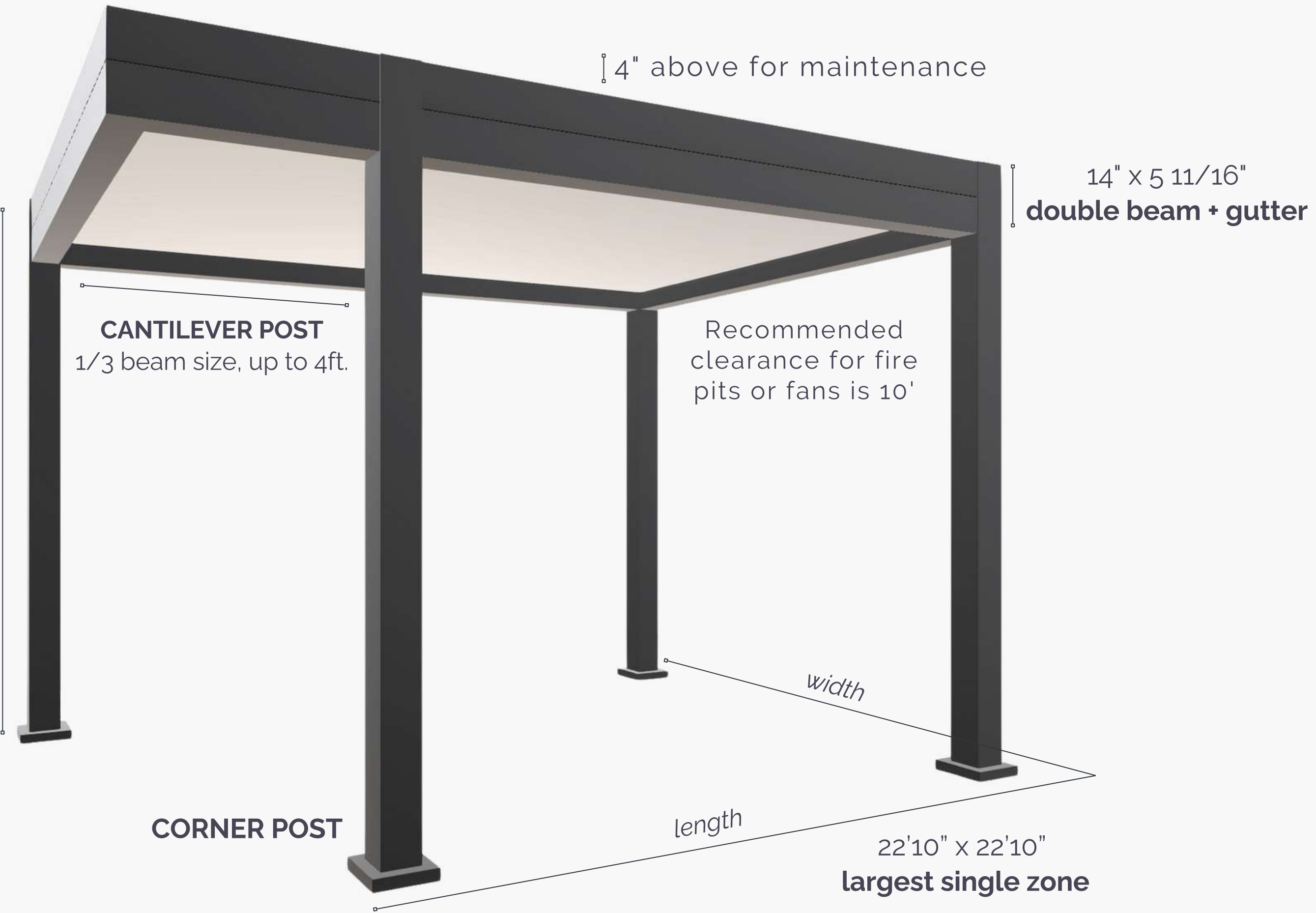
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Technical Specs

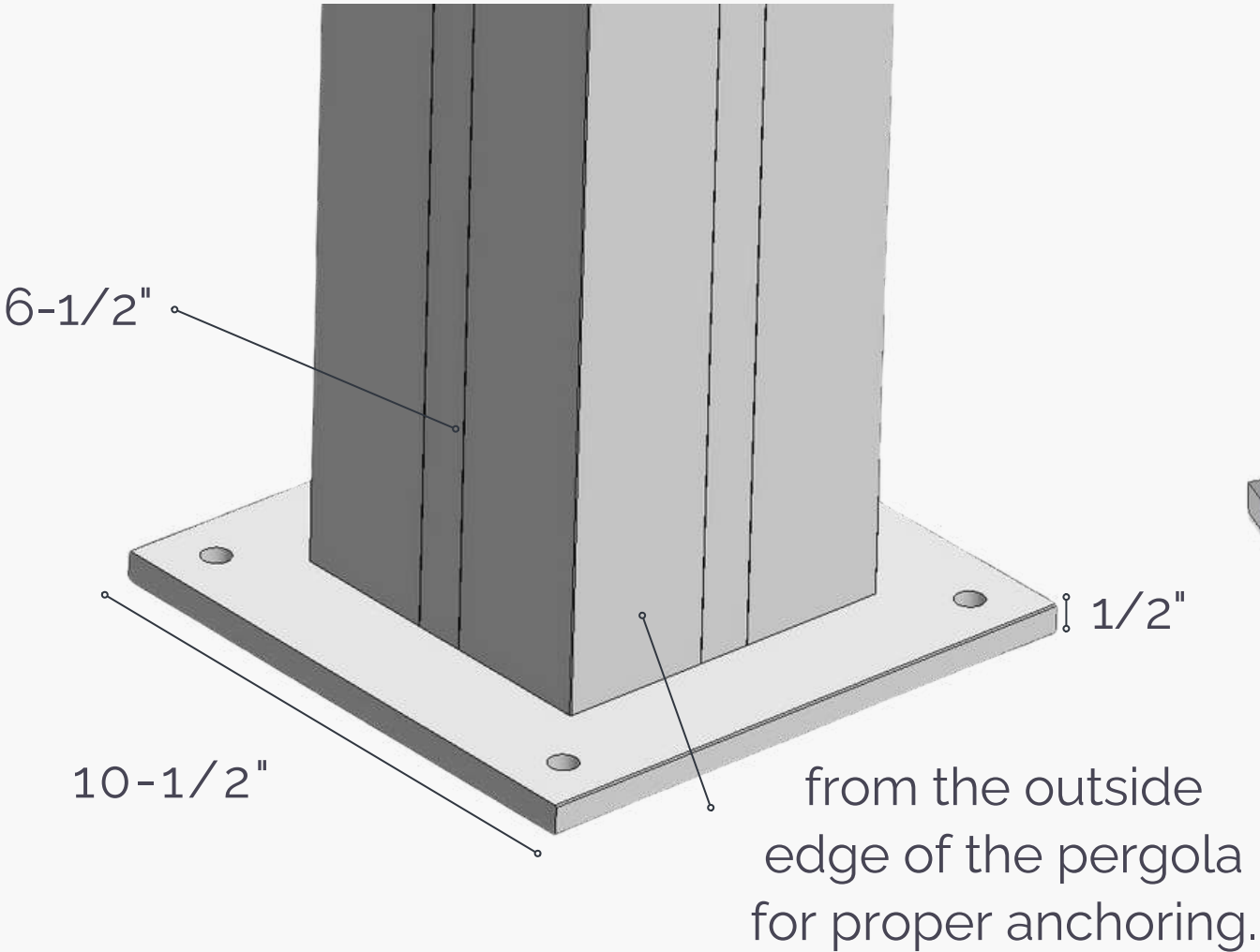
Dimensions



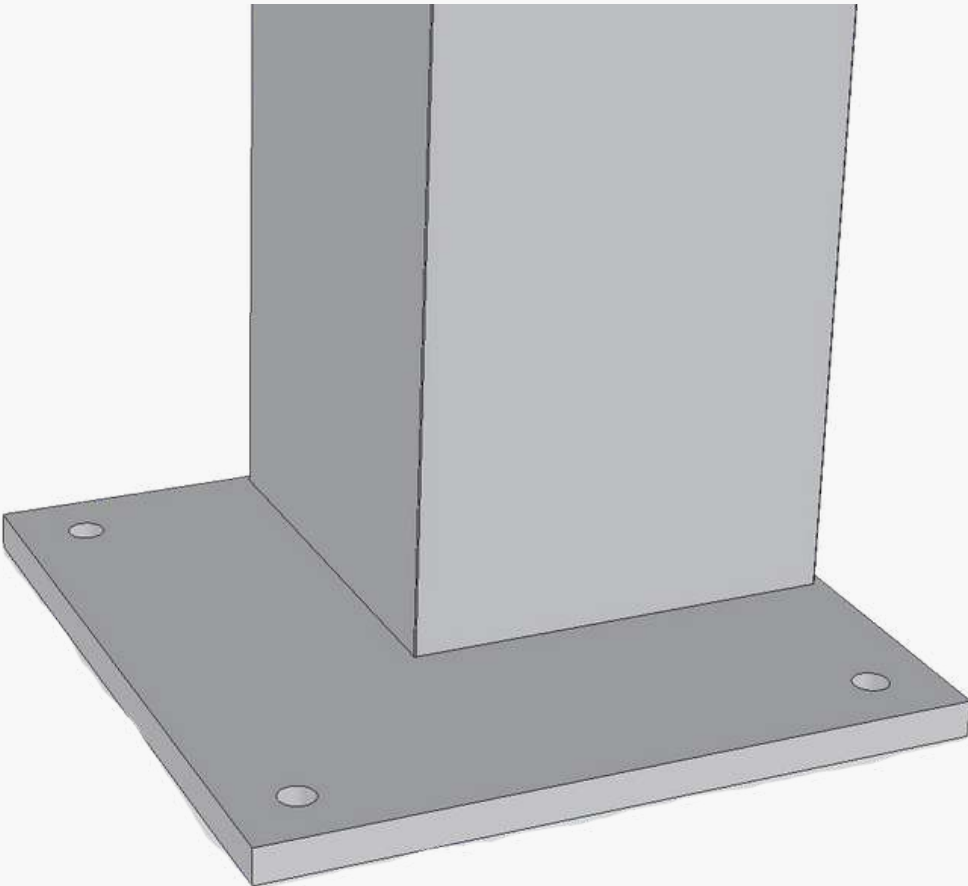


Base Plate

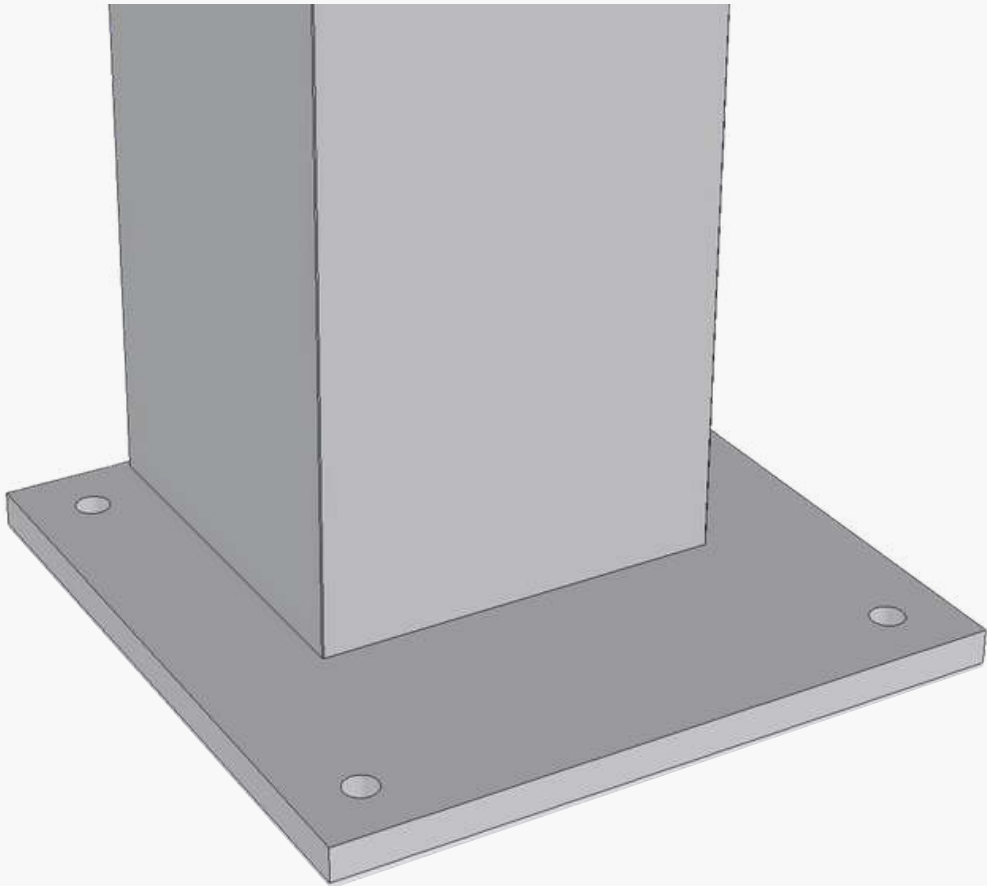
Technical Specs



Center Base Plate



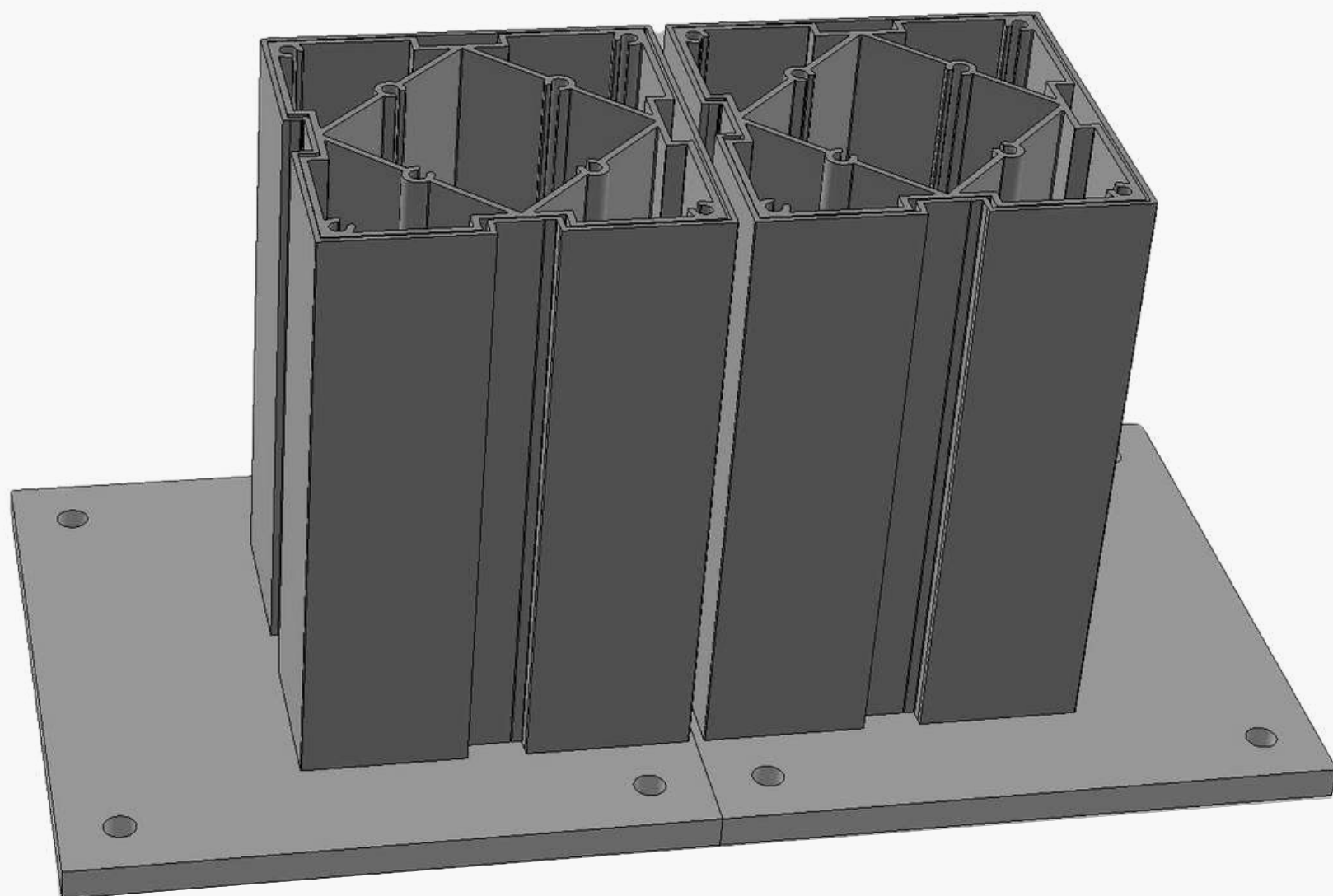
Corner Base Plate



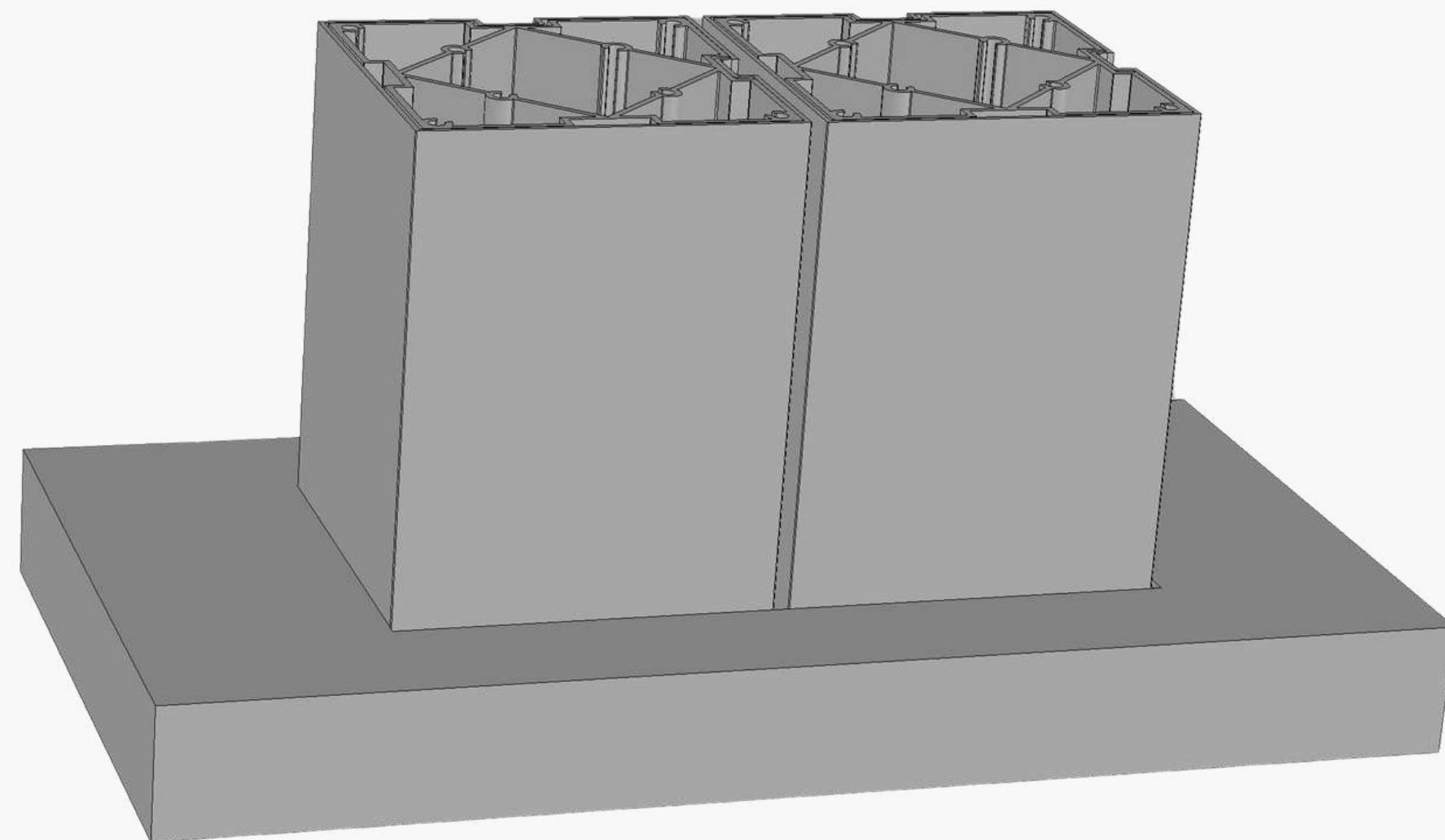
Off-Set Base Plate

Base Plate

Technical Specs



Base Plate Double Eccentric



Double Base Plate Cover

Drainage

Technical Specs



2 TYPES OF DRAINAGE

- PVC pipes installed below ground;
- Scuppers placed either in the post or along the gutter.



1/8" pitch per foot towards the draining posts, in the same direction as panels to optimize drainage.

2 scuppers provided per zone



FOR CANTILEVER POST

Scupper required in gutter.



TECHNICAL SPECS

WARRANTY

COLOR CHART

LIGHTING

PRIVACY WALL

Panels

Technical Specs



STANDARD PANEL

WHITE OR BRONZE

3" thick | .03" Aluminum sheet

Accessory beam for extra support required when length exceeds **10'** (only in areas with snow & high winds).



PREMIUM PANEL

WOOD GRAIN OR PREMIUM WHITE

3" thick | .03" Aluminum sheet
Leak-proof lock system | No peel-and-seal

Accessory beam for extra support required when length exceeds **15'** (only in areas with snow & high winds).



Weight

Technical Specs

→ weight is in pounds, frame only.
→ add 43 pounds per post

LENGTH	WIDTH								
ft	8'	10'	11'	13'	15'	17'	18'	20'	22'10"
8'	235 lbs	268 lbs	272 lbs	293 lbs	338 lbs	375 lbs	382 lbs	418 lbs	10645
10'	268 lbs	300 lbs	300 lbs	325 lbs	370 lbs	407 lbs	415 lbs	451 lbs	458 lbs
12'	289 lbs	322 lbs	326 lbs	347 lbs	392 lbs	428 lbs	436 lbs	472 lbs	480 lbs
14'	330 lbs	362 lbs	366 lbs	387 lbs	432 lbs	470 lbs	477 lbs	513 lbs	520 lbs
16'	338 lbs	370 lbs	374 lbs	395 lbs	440 lbs	477 lbs	485 lbs	520 lbs	528 lbs
18'	382 lbs	415 lbs	419 lbs	440 lbs	485 lbs	522 lbs	529 lbs	565 lbs	573 lbs
22'10"	426 lbs	458 lbs	462 lbs	483 lbs	528 lbs	565 lbs	573 lbs	609 lbs	619 lbs

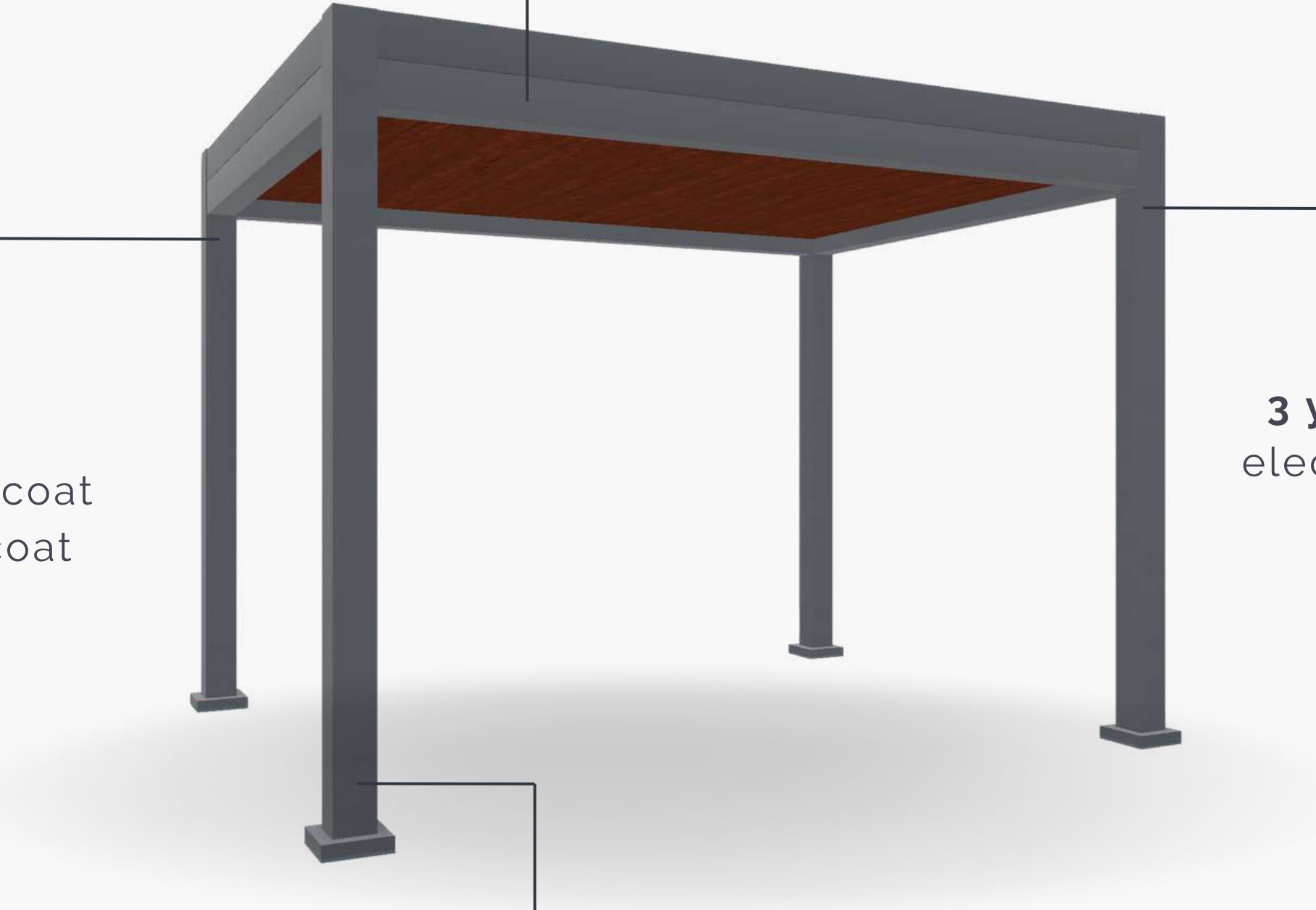
Warranty

10 years: against delamination, peeling, cracking, crazing, or blistering

3 years: electronic & electrical components

15 years: standard color powdercoat
10 years: custom color powdercoat

15 years: aluminum structural components



Frame & Panels

Color Chart

WHITE MAT SMOOTH

SIGNAL WHITE - RAL 9003 AKZONOBEL
YA279QF CLASS 2 / AAMA 2604
3 to 4 weeks lead time

DARK GRAY TEXTURED

GRIS SABLE - RAL 2900 AKZONOBEL
Y2348QF CLASS 2 / AAMA 2604
3 to 4 weeks lead time

BLACK TEXTURED

EQUINOX BLACK - AKZONOBEL
YN325QF CLASS 2 / AAMA 2604
3 to 4 weeks lead time

CUSTOM COLOR

AKZONOBEL COLOR CHART
5 to 12 weeks lead time





TECHNICAL SPECS

WARRANTY

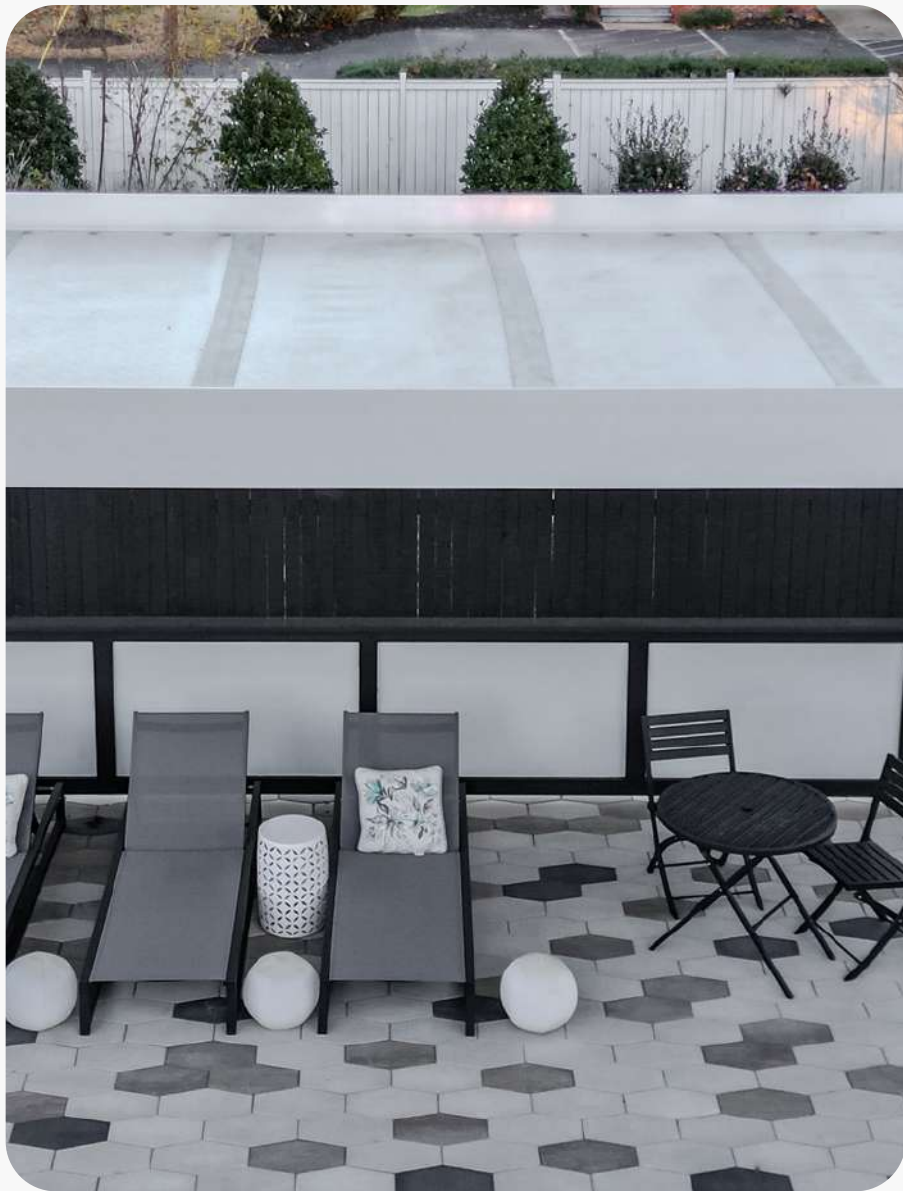
COLOR CHART

LIGHTING

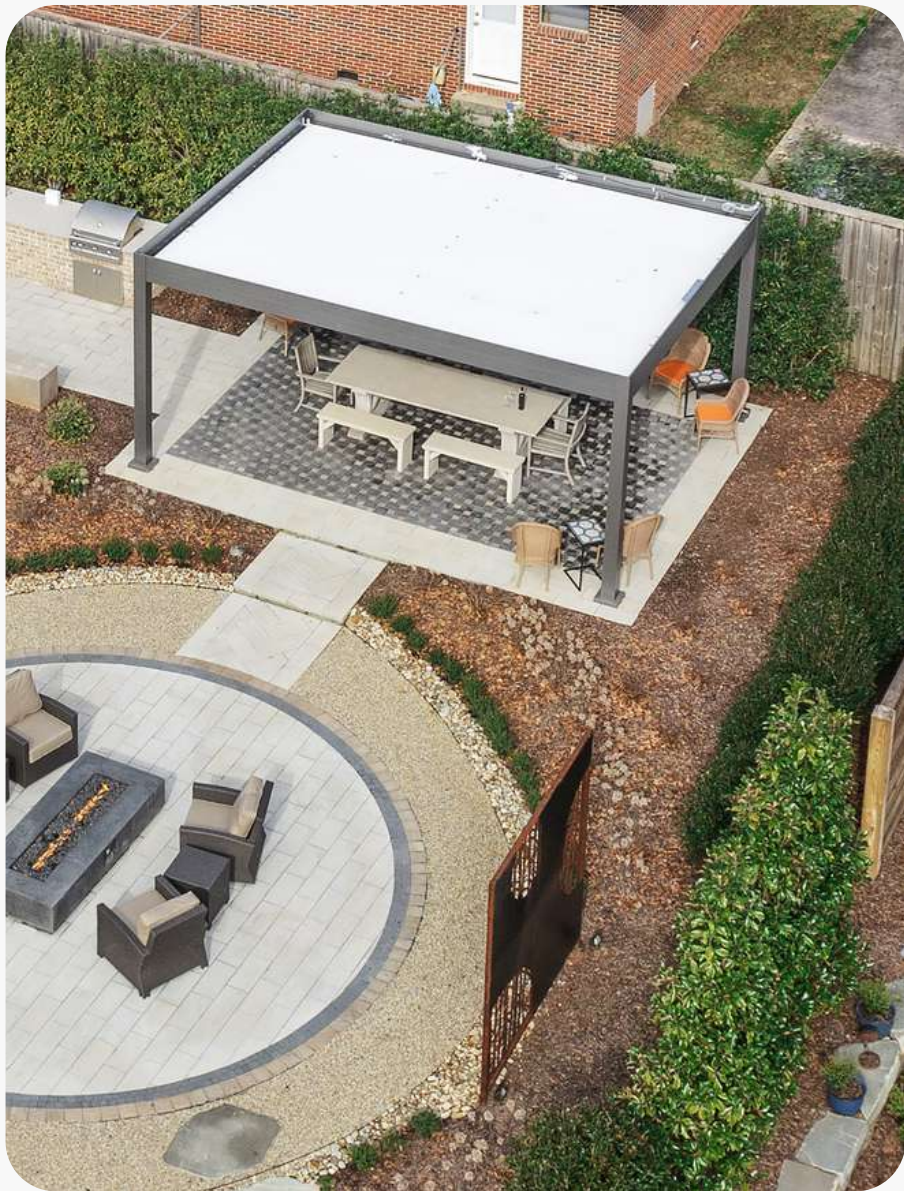
PRIVACY WALL

Panels

Color Chart



STANDARD WHITE/WHITE



PREMIUM WHITE/WHITE
(EXTRA COST)



BRONZE/WHITE



WOOD GRAIN FINISH
(EXTRA COST)



TECHNICAL SPECS

WARRANTY

COLOR CHART

LIGHTING

PRIVACY WALL

Light Options

Lighting



RECESSED LIGHTS

Accessory beam
Recommended - 2.5ft intervals, 1ft from frame

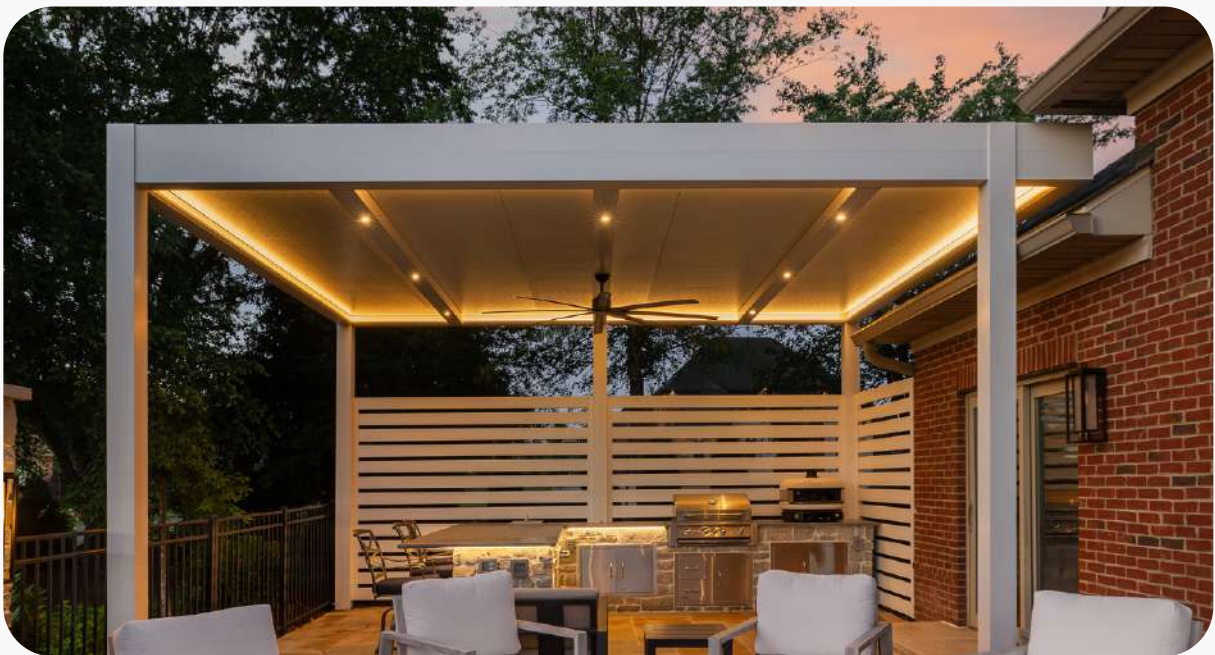
DIRECT LIGHTING 4W - 24V - 320lm



LED RAMPS

Frame - Accessory Beam
Recommended - 3ft intervals, 1ft from frame

DIRECT LIGHTING 12W - 24V - 630lm



RGBW LED STRIPS

Frame - either on length, width, or the entire frame.

Accent Lighting 4.5W/ft - 24V - 730lm

Beware of the potential strobing effect when a fan is on

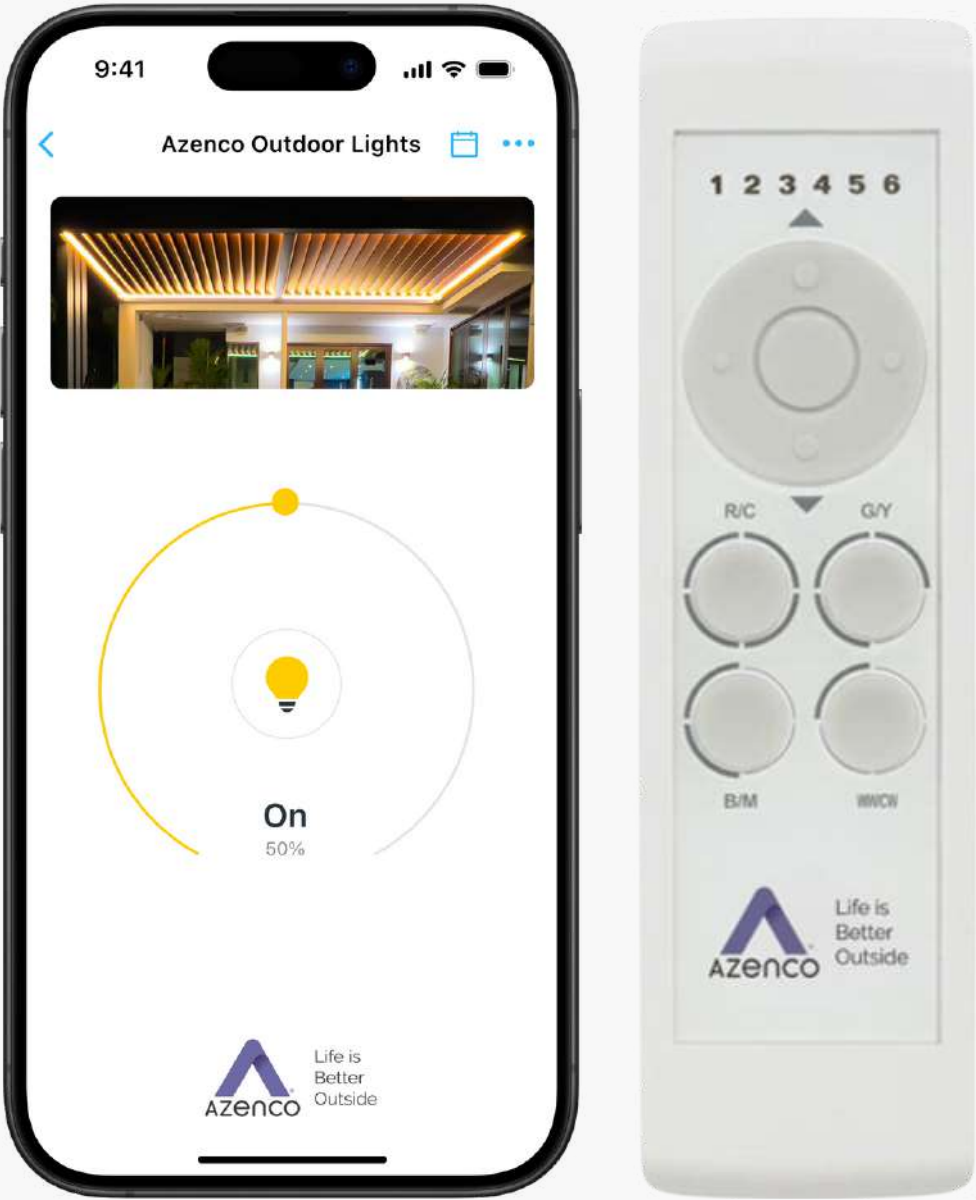


Lighting Control

Lighting

2700K & dimmable
**controllable with Azenco
remote & App Control**

	LIGHT CONTROL BOX (OPTIONAL) 20 AMP NEEDED OUTLET			
# OF CHANNELS	4 channels			
LIGHTING OPTIONS	Recessed Light	LED Ramp		LED Strip
MAX PER CHANNEL	6	or	4	or 1
MAX PER CONTROL BOX	24	or	16	or 4



Remember that you can mix and match the lights across different channels to create various configurations within the limits provided.

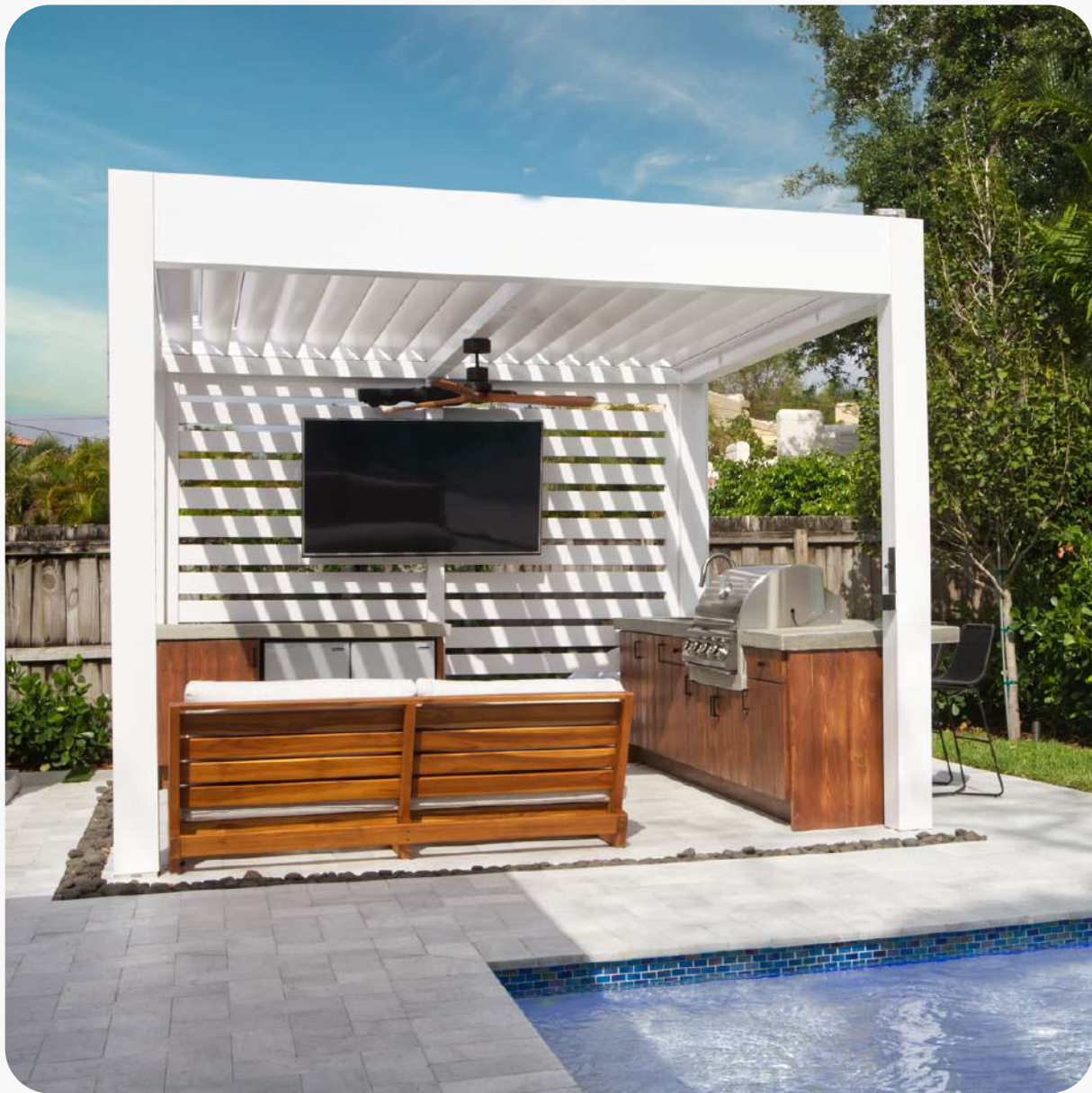
2700K & dimmable - **controllable with Remote Control & App**

Privacy Wall

- 6063-T6 Aluminum
- Standard Powder-Coating AAMA 2604
- **Mounting Color:** Same as frame
- **Center Beam Color:** Same as frame
- **Slat Colors:** Standard Colors - Wood Grain or Custom Finish (extra cost)
- Maximum length between posts is 168"
- Maximum height under beam is 177"
- 2" x 6.5" Center Beam



Privacy Wall Options



PRIVACY WALL
with 1.7" gap



PRIVACY WALL
without gap



CENTER BEAM
For any dimension over 10', a center beam is required to avoid sagging.



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