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CAPITAL

T H E

G R I L L E

SUBMISSION INFORMATION

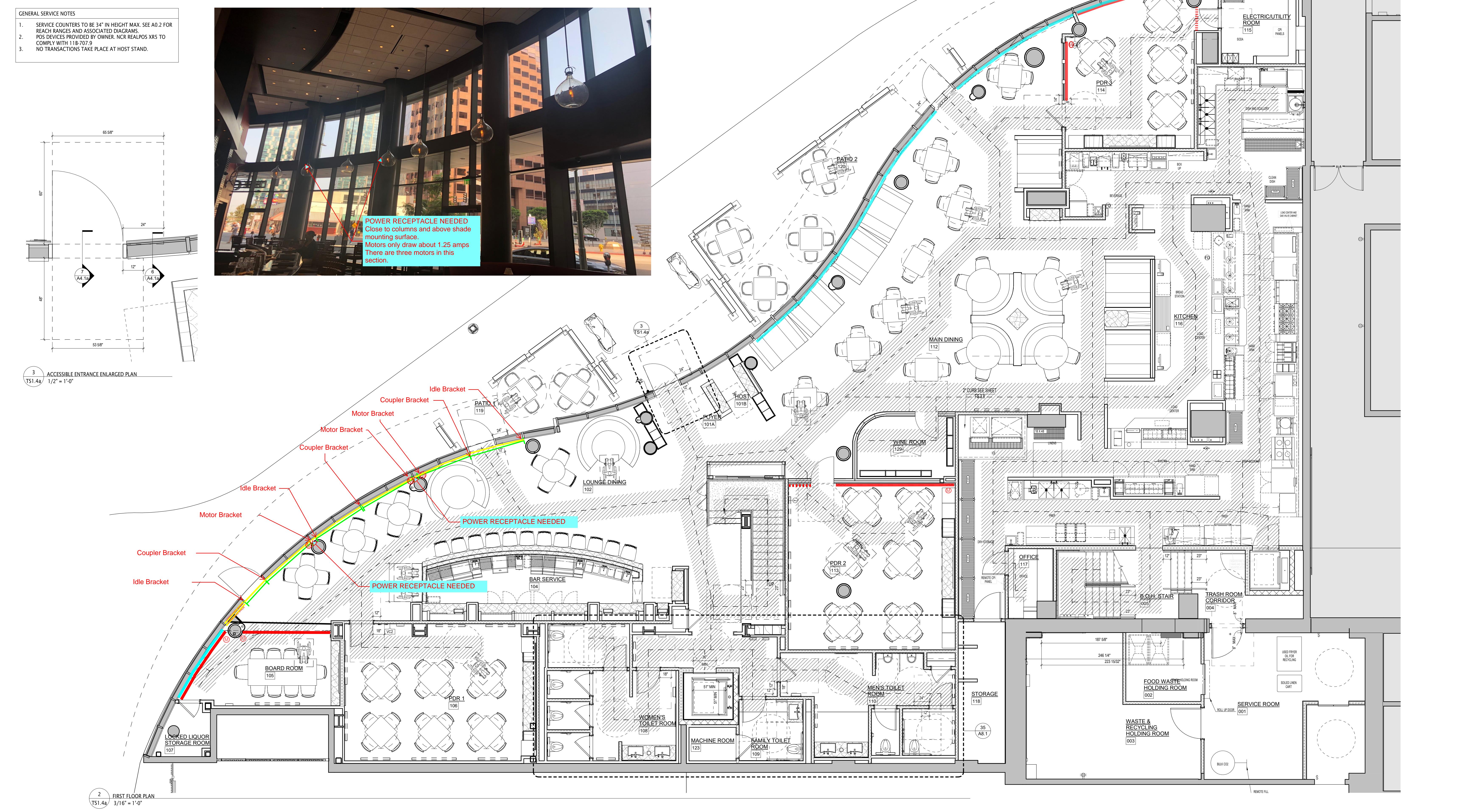
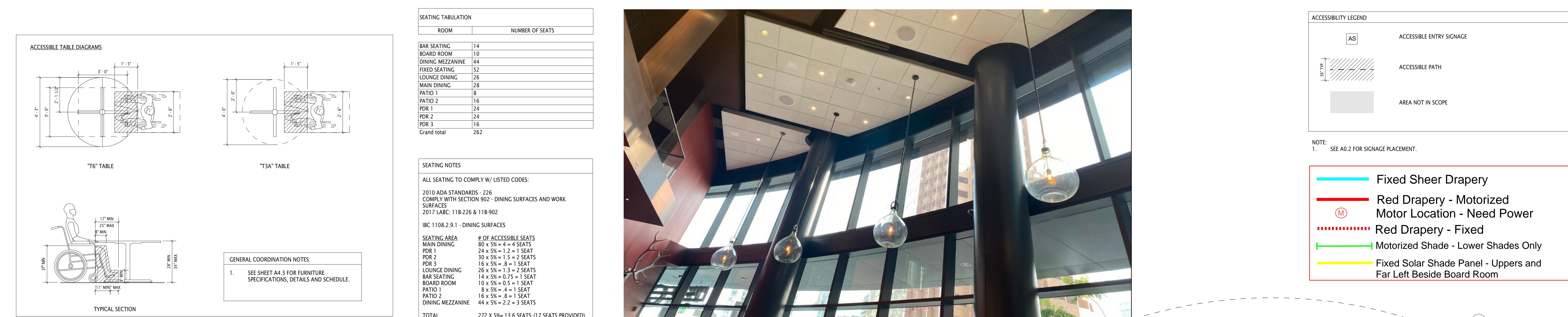
Restaurant #: 8067

**CAPITAL GRILLE
LOS ANGELES
04-18-014**

Drawing:

FIRST FLOOR ADA PLAN

TS1.4a



TGC L.A. APEX - Bar Dining Solar Shade Plan

Upper Shades - Fixed / Not Operable

Far Left Lower Shade - Fixed / Not Operable at intersecting wall.

Lower Shades - Motorized with 3 preset stop positions to align with mullions and door headers. Lower stop to be just below table top



SoHo

1100 Series (1% open), 1600 Series (3% open), 1900 Series (5% open)

This collection features thin, finely woven yarns in a 2 x 2 basket weave pattern with a soft hand and smooth texture to create elegant solutions for any project.

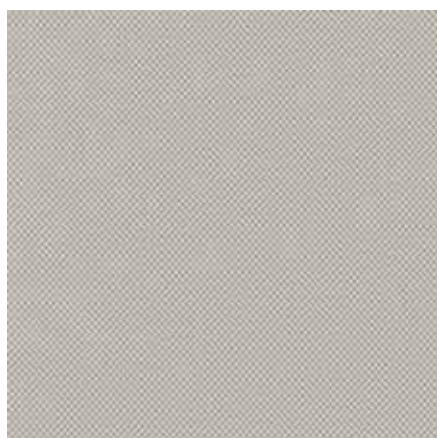
Visit mechoshade.com for most up-to-date fabric information and to request samples.

Fire Classification | NFPA 701

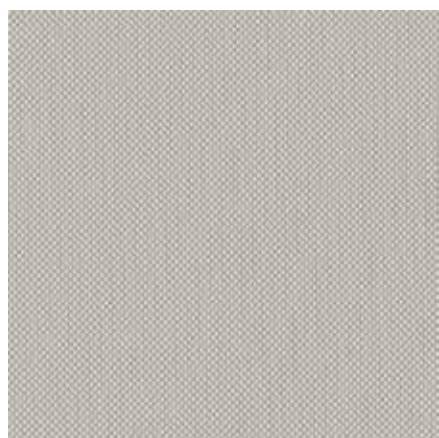
Railroading Available | Yes

Bacteria & Fungal Resistance | ASTM G21 & ASTM E2180

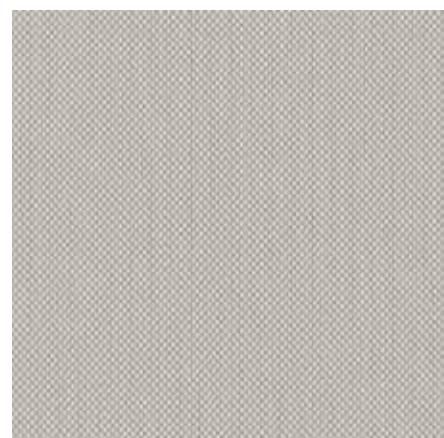
Shade Cloth Properties | other side



1105 Dove Grey | 1% open



1605 Dove Grey | 3% open



1905 Dove Grey | 5% open



White
1101 | 1601 | 1901



Silver
1106 | 1606 | 1906



Cornsilk
1102 | 1602 | 1902



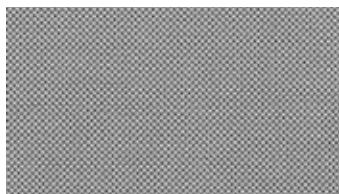
Sand
1104 | 1604 | 1904



Light Grey
1103 | 1603 | 1903



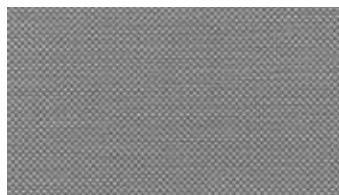
Silver Birch
1119 | 1619 | 1919



Nickel
1110 | 1610 | 1910



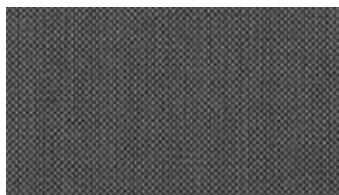
Slate
1116 | 1616 | 1916



Smoke
1115 | 1615 | 1915



Onyx Tweed
1117 | 1617 | 1917



Charcoal
1112 | 1612 | 1912



Mocha
1122 | 1622 | 1922

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 KELsie's BLINDS INC.

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SoHo Shade Cloth Properties

1100 Series (1% open)		Acoustic Performance		0.60 NRC 0.64 SAA		Mesh Weight		14.70 oz/yd ²		Fabric Thickness	0.026 in
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#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
1101	White	76% PVC / 24% Poly	19	64	17	15	0.35	0.35	0.33	0.33	0.33	0.26
1106	Silver	76% PVC / 24% Poly	11	54	35	6	0.41	0.40	0.35	0.39	0.37	0.29
1102	Cornsilk	76% PVC / 24% Poly	18	61	21	13	0.37	0.37	0.34	0.35	0.35	0.27
1104	Sand	76% PVC / 24% Poly	11	52	37	5	0.42	0.41	0.36	0.40	0.38	0.29
1103	Light Grey	76% PVC / 24% Poly	11	49	40	7	0.44	0.43	0.37	0.42	0.40	0.30
1105	Dove Grey	76% PVC / 24% Poly	6	46	48	2	0.45	0.44	0.37	0.43	0.41	0.31
1119	Silver Birch	76% PVC / 24% Poly	4	38	58	2	0.70	0.58	0.56	0.48	0.45	0.33
1110	Nickel	76% PVC / 24% Poly	2	27	71	1	0.57	0.55	0.43	0.55	0.51	0.36
1116	Slate	76% PVC / 24% Poly	2	26	72	1	0.58	0.56	0.43	0.55	0.51	0.36
1115	Smoke	76% PVC / 24% Poly	1	17	82	1	0.64	0.61	0.46	0.61	0.56	0.39
1117	Onyx Tweed	76% PVC / 24% Poly	1	20	79	1	0.62	0.59	0.45	0.59	0.54	0.38
1112	Charcoal	76% PVC / 24% Poly	1	10	89	1	0.69	0.65	0.48	0.65	0.59	0.41
1122	Mocha	76% PVC / 24% Poly	1	9	90	1	0.69	0.66	0.49	0.66	0.60	0.41
1118	Black Brown	76% PVC / 24% Poly	1	5	94	0	0.73	0.68	0.50	0.68	0.62	0.42

1600 Series (3% open)		Acoustic Performance		0.25 NRC 0.29 SAA		Mesh Weight		13.50 oz/yd ²		Fabric Thickness	0.024 in
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#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
1601	White	76% PVC / 24% Poly	22	63	15	18	0.37	0.37	0.34	0.35	0.34	0.27
1606	Silver	76% PVC / 24% Poly	14	51	36	8	0.44	0.43	0.37	0.41	0.40	0.30
1602	Cornsilk	76% PVC / 24% Poly	21	60	19	18	0.39	0.39	0.35	0.36	0.36	0.28
1604	Sand	76% PVC / 24% Poly	13	50	36	8	0.44	0.43	0.37	0.41	0.40	0.30
1603	Light Grey	76% PVC / 24% Poly	15	47	38	12	0.47	0.45	0.38	0.44	0.42	0.31
1605	Dove Grey	76% PVC / 24% Poly	9	43	48	5	0.48	0.46	0.39	0.45	0.43	0.32
1619	Silver Birch	76% PVC / 24% Poly	8	38	54	7	0.51	0.50	0.40	0.49	0.46	0.33
1610	Nickel	76% PVC / 24% Poly	4	29	67	4	0.56	0.45	0.43	0.54	0.50	0.35
1616	Slate	76% PVC / 24% Poly	5	30	65	6	0.56	0.54	0.42	0.53	0.49	0.35
1615	Smoke	76% PVC / 24% Poly	3	18	79	4	0.64	0.61	0.46	0.61	0.55	0.39
1617	Onyx Tweed	76% PVC / 24% Poly	3	23	74	3	0.61	0.58	0.45	0.57	0.53	0.37
1612	Charcoal	76% PVC / 24% Poly	3	9	88	5	0.70	0.66	0.49	0.66	0.60	0.41
1622	Mocha	76% PVC / 24% Poly	3	9	88	4	0.70	0.66	0.49	0.66	0.60	0.41
1618	Black Brown	76% PVC / 24% Poly	2	5	93	2	0.73	0.68	0.50	0.69	0.62	0.42

1900 Series (5% open)		Acoustic Performance		negligible		Mesh Weight		12.68 oz/yd ²		Fabric Thickness	0.024 in
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#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
1901	White	76% PVC / 24% Poly	24	62	14	22	0.38	0.38	0.34	0.36	0.35	0.27
1906	Silver	76% PVC / 24% Poly	17	51	33	12	0.45	0.44	0.37	0.42	0.40	0.30
1902	Cornsilk	76% PVC / 24% Poly	23	59	18	21	0.40	0.40	0.35	0.37	0.37	0.28
1904	Sand	76% PVC / 24% Poly	17	49	33	12	0.46	0.44	0.38	0.43	0.41	0.30
1903	Light Grey	76% PVC / 24% Poly	17	47	36	17	0.47	0.46	0.38	0.44	0.42	0.31
1905	Dove Grey	76% PVC / 24% Poly	12	44	45	7	0.48	0.46	0.39	0.45	0.43	0.32
1919	Silver Birch	76% PVC / 24% Poly	9	38	53	9	0.51	0.50	0.40	0.49	0.46	0.33
1910	Nickel	76% PVC / 24% Poly	7	28	65	8	0.58	0.56	0.43	0.55	0.51	0.36
1916	Slate	76% PVC / 24% Poly	7	28	65	8	0.58	0.56	0.43	0.55	0.51	0.36
1915	Smoke	76% PVC / 24% Poly	6	18	76	8	0.61	0.64	0.47	0.61	0.56	0.39
1917	Onyx Tweed	76% PVC / 24% Poly	5	21	74	5	0.63	0.59	0.45	0.59	0.54	0.38
1912	Charcoal	76% PVC / 24% Poly	5	9	86	8	0.70	0.67	0.49	0.67	0.60	0.41
1922	Mocha	76% PVC / 24% Poly	5	9	86	6	0.70	0.67	0.49	0.67	0.60	0.41
1918	Black Brown	76% PVC / 24% Poly	4	5	91	4	0.73	0.69	0.50	0.69	0.62	0.42

WhisperShade DC UPoE Gateway

Data Sheet

Model Number

POEG-0326-24-DC

Description

The WhisperShade DC UPoE Gateway is a low-voltage network communication gateway and router with power distribution capabilities for controlling window coverings over PoE (Power over Ethernet). Supporting the IEEE 802.3bt Type 3, 60W standard, the device can negotiate power with Type 3 or Type 4 PoE Network Switches supplying up to 51W of power and Ethernet-based connectivity to linked WhisperShade DC motorized shades. The device supports CoAP (Constrained Application Protocol) for open communications with third party IOT systems including partners of Cisco's Digital Building EcoSystem. The Gateway is also SolarTrac™ compliant providing unparalleled shade automation strategies including solar penetration, solar heat gain, glare protection, reflection and shadow. Together with the extensive data collection capabilities of a SolarTrac network this solution is uniquely positioned to optimize building performance while promoting best-in-class occupant comfort, performance, productivity and wellness.

Features

- UPoE Shade Control Gateway
- Distributes 24VDC, 51W to WhisperShade DC motors.
- Controls motors for a total continuous power draw of 51W
- IEEE 802.3bt and Cisco UPoE Compliant Device
- PoE switches must support LLDP
- Aligned operation available with Sonesse 30 RS485 DC (maximum 2 motors)
- Easy and secure convergence of IP infrastructure
- Metal enclosure meets Plenum requirements
- Safe operation and industry-standard compliance (UL 2108/UL 1310)



WhisperShade DC UPoE Gateway

Specifications

Electrical	
Input Power	UPoE/IEEE 802.3bt up to 60W
Output Power:	24V DC @2A
Standby Power Consumption	0.5 W
Maximum Wiring Distance	
Cumulative from Gateway to all motors	240 ft. when using Liberty AV 9020126 or 2020127 cable
Cumulative from Gateway to Keypad	200 ft. using cat5e cable
Hardware	
Material	Extruded Aluminum
Operating Temp.	32°F (0°C) to 104°F (40°C)
Dimensions	4.7 in. Lx2.1 in. W x 1.0 in. H
Shipping Weight	1 lb.
Ethernet	
Input Data	Ethernet CoAP
Output Data	RS485



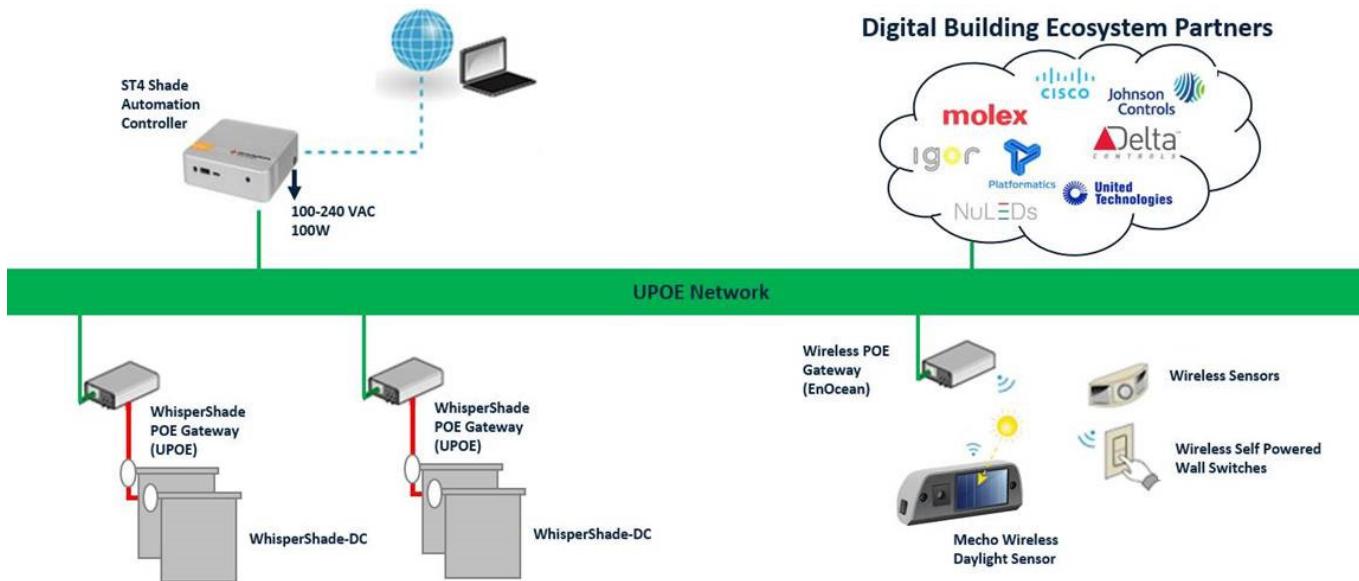
Warning

Note: Hot swapping connection at the switch level will damage the individual ports.

- Caution - Observe precautions for handling electrostatic sensitive devices.
- Do not use outdoors.
- Warning - Risk of Electric Shock. Do not handle energized module with wet hands or when standing on wet or damp surfaces.
- Use only with Class 2 Power Unit - 60VDC maximum.
- Conforms to UL60950-1, CE, FCC standards
- Suitable for damp locations
- Warranty - Voided if device has been modified from its original configuration
- Mounting pattern is shown below for both versions (North American and European versions)

WhisperShade DC UPoE Gateway

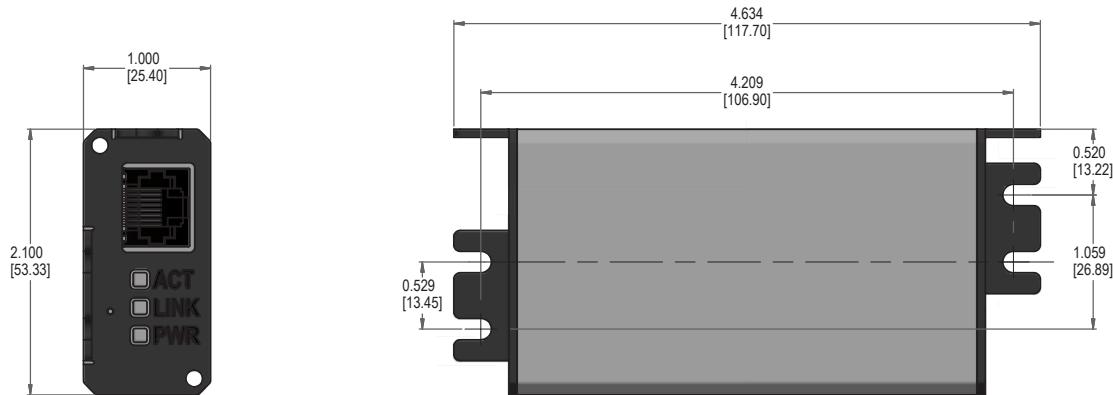
System Diagram



WhisperShade DC UPoE Gateway

Dimensions

- Can be mounted to dry wall or wood.



WhisperShade DC UPoE Gateway

Connections and Indicators

- Supports both ANSI/TIA/EIA 568 A & B Standards

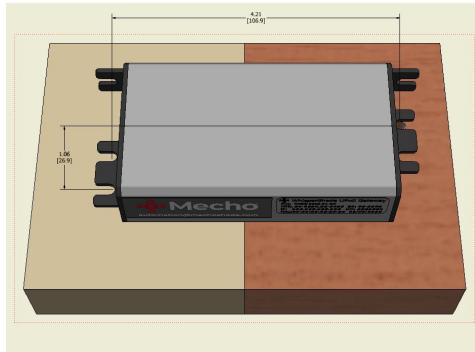


	Element	Function
1	Ethernet Port	Power and Data Input from PoE system
2	Serial link to Shade Motor(s)	Power and Data to WhisperShade DC EDU

LED Indicators				
Label	Element	Color	Function ON	Function OFF
PWR	Power	Green	Powered	No Power
ACT	Active Ethernet	Green	Ethernet Active	No Ethernet Activity
LINK	Communication Link	Orange	Linked (Blinks)	Not linked (not blinking)

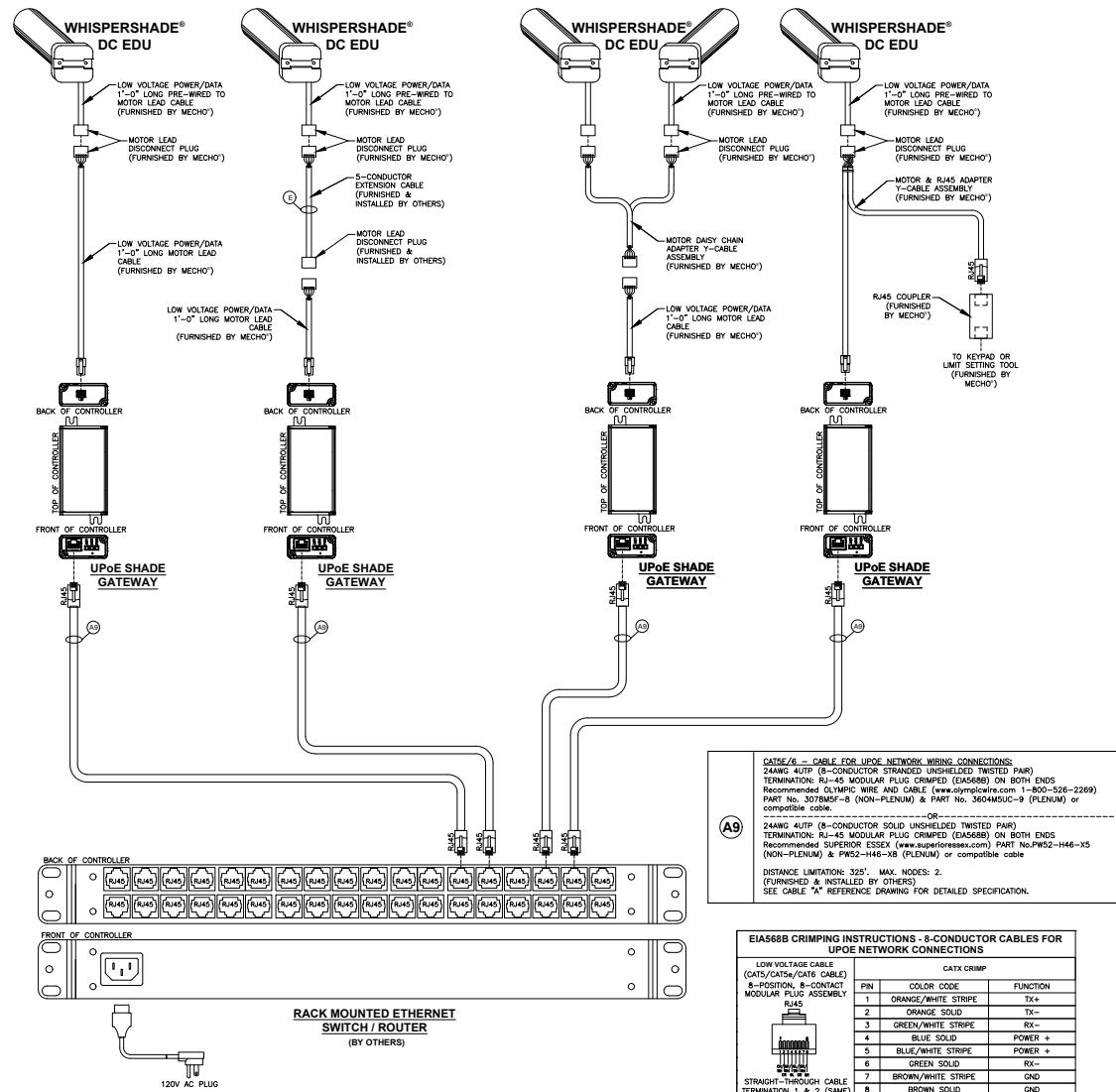
Power and Mounting

The UPoE Gateway receives power through the PoE Switch. Mount the unit on either wood or drywall. Can be mounted in electrical closet or in plenum area. Metal enclosure meets plenum requirements.



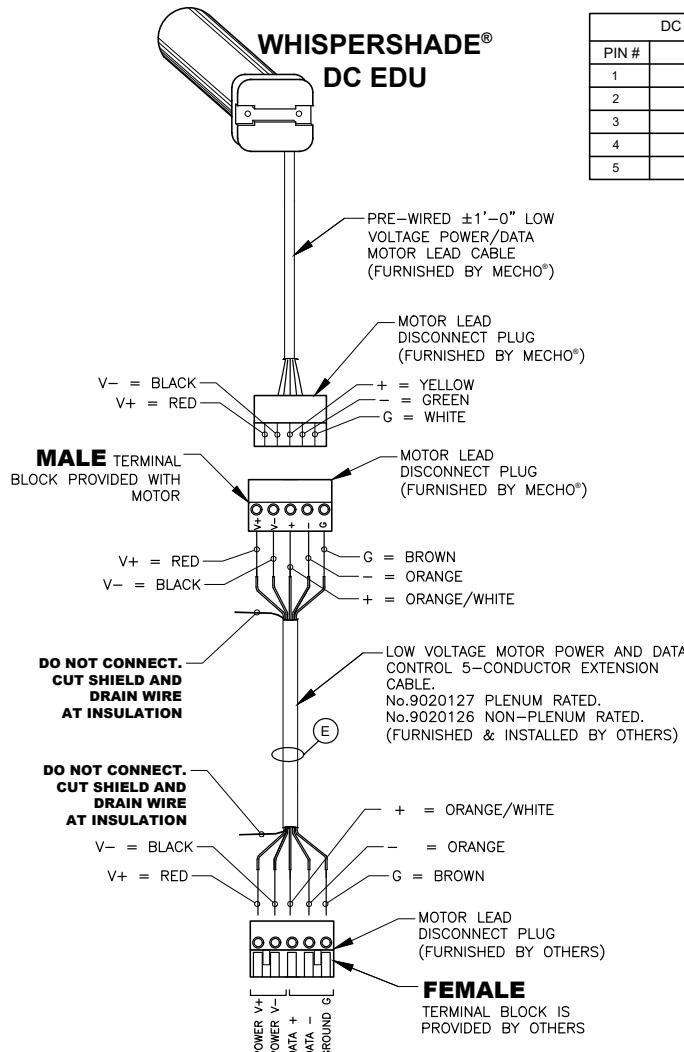
WhisperShade DC UPoE Gateway

UPoE Shade Automation Gateway Point-to-Point



WhisperShade DC UPoE Gateway

UPoE Shade Automation Gateway Point-to-Point (continued)



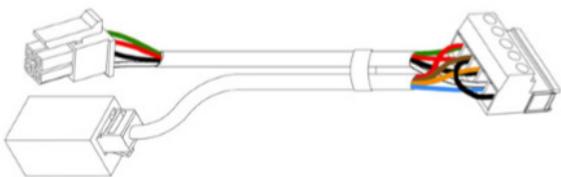
WhisperShade DC UPoE Gateway

Cable Assembly

Required adapter cable included with the product:\
[POEG-4PIN-12-SC]



- UPoE Gateway Motor Keypad Adapter (Plenum Rated)
[POEG-4PIN-RJ-45]



UPoE Gateway to Motor Adaptor Cable (Plenum)			
Function	Weidmueller Connector	4 Pin Connector	Conductor Color
DATA+	3	1	White
DATA-	4	2	Green
V-	2	3	Black
V+	1	4	Red
GND	5	Jumper to V-	Black

- WhisperShade DC Motor Female Connector [ESMC-0505-TB-FE]

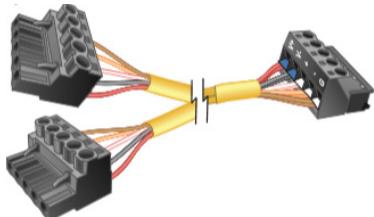


- WhisperShade DC Motor Male Connector [ESMC-0505-TB-MA]



Optional Accessories

Motor Daisy Chain Adapter for UPoE Gateway
[POEG-YCBL-5P-DC]



Network Cable [Purchased separate from UPoE Gateway.]

- Unshielded Twisted CAT-5e or higher TIA-568B with Plastic RJ-45 Connectors.

UPoE Gateway [POEG-0326-24-DC]

UPoE Gateway to Motor Adaptor [POEG-4PIN-12-SC; Included with the product.]

Female Phoenix Contact Connector [ESMC-0505-TB-FE; Purchased separately.]

Male Weidmueller Connector [ESMC-0505-TB-MA ESMC-0505-TB-MA Included with Motor Cable]

Low-Voltage Motor Cable [Purchased separate from UPoE Gateway]

- Liberty Cable (Plenum EMSU-15CD-PL-05) (Non-Plenum EMSU-15CD-NP-05)

Warranty

Mecho's warranty ensures its products against defects in materials and workmanship. It covers up to 25 years depending on the product. For complete warranty information, contact your Mecho Representative or find it at <https://www.mechoshade.com/warranty>.

Mecho reserves the right to make improvements or changes to its products without prior notice. Every attempt is made to ensure the information herein is accurate and up to date. Verify with the Mecho staff to confirm the product's availability, latest specifications, and suitability for your application.

Technical support

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