

CEL CELESTE

54-81.5W LED DIM-TO-DARK

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED
BY A NATIONALLY
RECOGNIZED
TESTING
LABORATORY



The **CELESTE** is a high-output pendant downlight that is capable of dimming to 0.01%. Designed for theatres, churches, and arenas, it features a wide range of dimming capabilities ranging from mains dimming to DMX/RDM. The stylish extruded aluminum housing is lightweight and extremely durable. The interchangeable reflectors allow for a wide variety of angles. The single, powerful LED array allows for dramatic lighting effects that are unobtainable with many of the multiple-array high output fixtures on the market.

The **CELESTE** is a fully functional DMX/RDM fixture, with all the advantages and conveniences experienced industry professionals are accustomed to. With DMX/RDM control, you can individually address and dim the fixtures. Dimming is completely flicker-free and safe for video and film applications.

MODULE	TOTAL WATTAGE	LUMENS	EFFICACY (LM/W)	CRI
80	81.5	9800	120	80
80	68	8500	125	80
80	54	7300	135	80

LED SPECIFICATIONS

- Dims to 0.01%
- 2700K, 3000K, 3500K, 4000K, 5000K
- CRI: 80 Standard or 92 Optional)
- Beam Angle: 12°, 19°, 33° 40°, 48°, 55°, 64°
- Cree XLamp LED array
- No UV or IR

CONSTRUCTION

- Extruded aluminium with black, white or silver finish.
- Multiple mounting options
- Internal multiple accessory holder
- Weight: 15 lbs.

ELECTRICAL

- Integral electronic driver
- Meets FCC 47 CFR Part 15/18 Requirements
- 81.5 Watts Max
- Power Input: Universal (120-277V)
- Inquire from factory about Emergency Driver option

BASIC DMX / RDM FEATURES NON COLOR MIXING FIXTURES

- Available with XLR, RJ45 and terminal block (in canopy or on fixture top) for hardwiring DMX/RDM in/out.
- Addressing done at factory before delivery or in-field with an RDM Controller.
- Logarithmic dimming curve.
- Failure mode - Fail ON

WARRANTY

- 5-Year Limited Warranty

Maximum Operating Temperature: 40° C • Maximum Operating Angle: 45° from Vertical

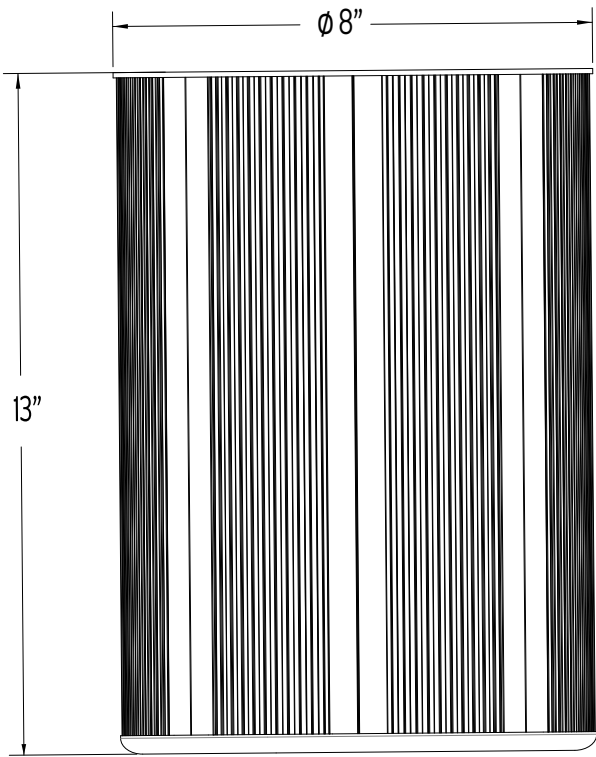
CEL CELESTE

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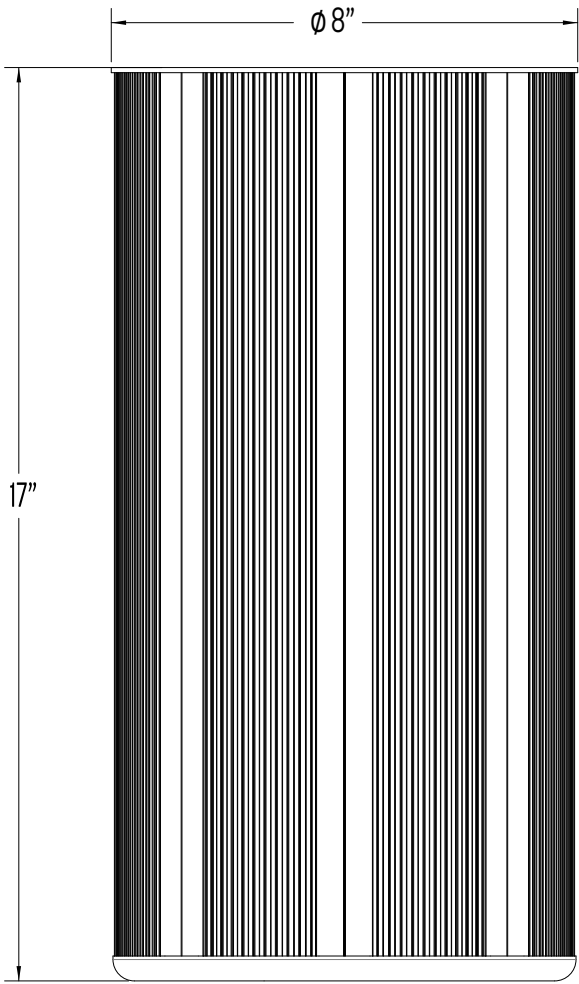
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54W and 68W

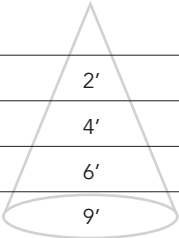


81W

PHOTOMETRIC DATA

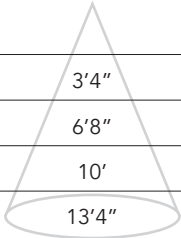
12° Spot Reflector

Distance	Beam Spread	Footcandles
10'	2'	780
20'	4'	195
30'	6'	87
40'	9'	49



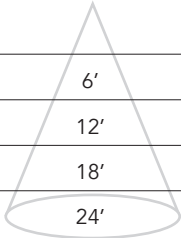
19° Spot Reflector

Distance	Beam Spread	Footcandles
10'	3'4"	328
20'	6'8"	82
30'	10'	36
40'	13'4"	21



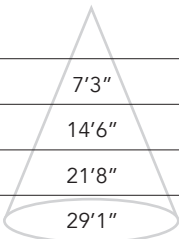
33° Spot Reflector

Distance	Beam Spread	Footcandles
10'	6'	160
20'	12'	40
30'	18'	18
40'	24'	10



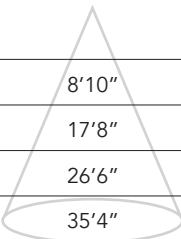
40° Spot Reflector

Distance	Beam Spread	Footcandles
10'	7'3"	130
20'	14'6"	33
30'	21'8"	14
40'	29'1"	8



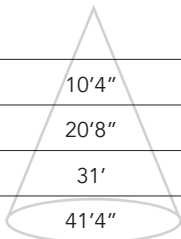
48° Spot Reflector

Distance	Beam Spread	Footcandles
10'	8'10"	88
20'	17'8"	22
30'	26'6"	10
40'	35'4"	6



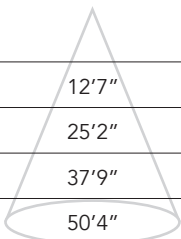
55° Spot Reflector

Distance	Beam Spread	Footcandles
10'	10'4"	79
20'	20'8"	20
30'	31'	9
40'	41'4"	5



64° Spot Reflector

Distance	Beam Spread	Footcandles
10'	12'7"	55
20'	25'2"	14
30'	37'9"	6
40'	50'4"	4



CEL CELESTE

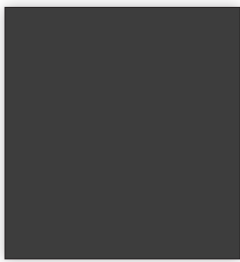
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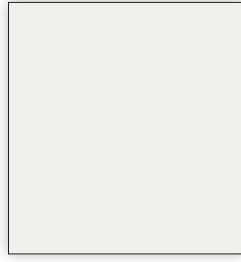


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CUSTOM COLORS



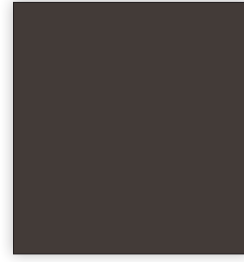
Black



White



Silver

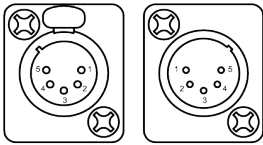


Bronze

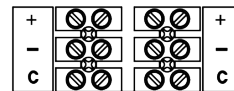


Silver Vein

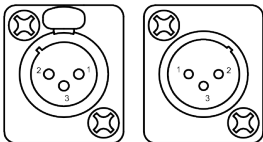
CONNECTOR TYPES



DX5 - 5 PIN XLR (FIXTURE TOP)



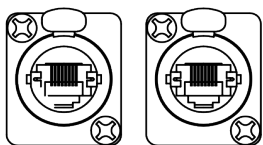
DXT - TERMINAL BLOCK
(FIXTURE TOP)



DX3 - 3 PIN XLR (FIXTURE TOP)



DXTC - TERMINAL BLOCK
(INSIDE CANOPY)



DXE - RJ45 ETHERNET
(ETHERCON) (FIXTURE TOP)

NOTES ON DIMMING

Visit tslight.com/resources or scan the QR Code.



SPECIFY:

MODEL		WATTAGE	LED MODULE	COLOR TEMPERATURE
CEL		81 = 81-Watts 68 = 68-Watts 54 = 54-Watts	80 = 80 CRI 92 = 92 CRI	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K
FINISH	OPTICS	MOUNTING		
B = Black W = White S = Silver Z = Bronze V = Silver Vein C = Custom Color	10 = 10° 12 = 12° 19 = 19° 33 = 33° 40 = 40° 48 = 48° 55 = 55° 64 = 64°	PM = Pendant Mount (Specify Length in Inches) AC = Aircraft Cable, 120" supplied, field-cuttable YME = Yoke Mount w/ 6' Edison Whip YMT = Yoke Mount w/ 6' Twist Lock Whip YM3 = Yoke Mount w/ 3-Wire Whip Without Connector (Provided w/ 10' leads) YM5 = Yoke Mount w/ 6' 5-Wire Whip Without Connector for 0-10V Dimming (Provided w/ 10' leads) SM = Surface Mount (J-Box Mount) SL = Swivel Canopy for tilted ceiling or where field adjustable stem lengths are required (specify maximum length in inches.)		
DIMMING		CONTROL / DMX CONNECTOR		ACCESSORIES
TE = Trailing Edge LE = Leading Edge 010 = 0-10V ND = Non-Dimming D/O = 0-10V Dim to Off DXB = DMX / RDM Basic WDX = Wireless DMX ♦† ECO = Lutron Ecosystem ♦ 120V Only † Not compatible with Surface Mount		3 = 3 PIN XLR (Fixture Top)† 5 = 5 PIN XLR (Fixture Top) † T = Terminal Block (Fixture Top) E = RJ45 Ethernet (Ethercon) (Fixture Top) TC = Terminal Block (In Non-Swivel Canopy)*† TS = Terminal Block (In Swivel Canopy)**† ♦ 120V Only ♦♦ SL Option Only † Not compatible with Surface Mount		L = Louver G = Glow Ring S = Integral Surge Protector, 10kA L-G, 10kA N-G, 20kA L-N EM = Emergency Driver

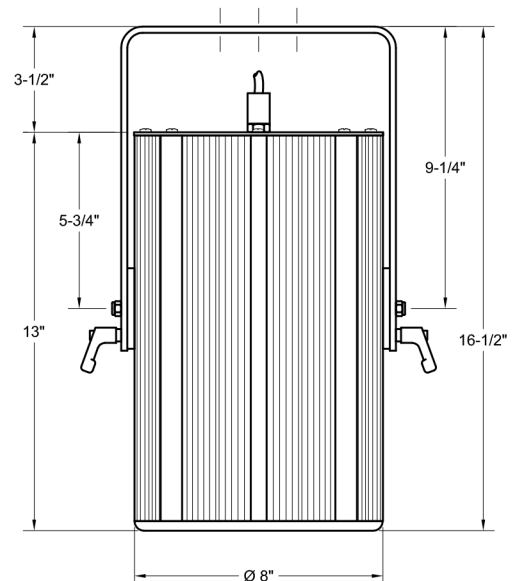
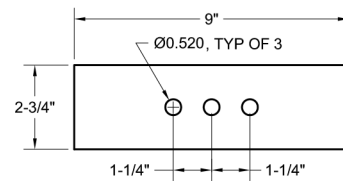
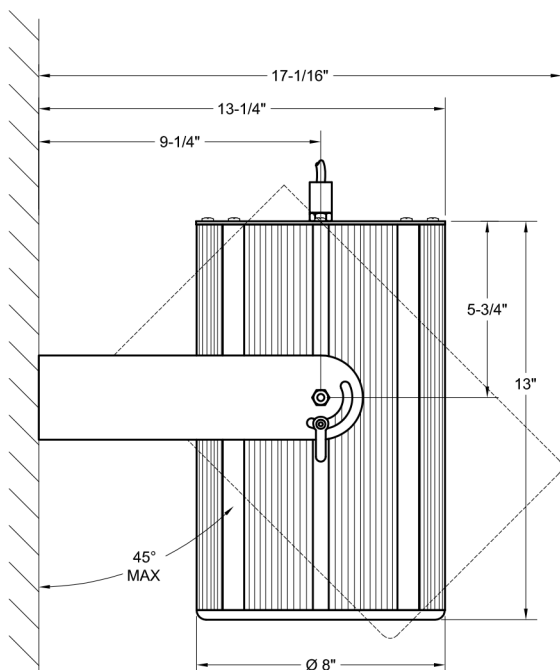
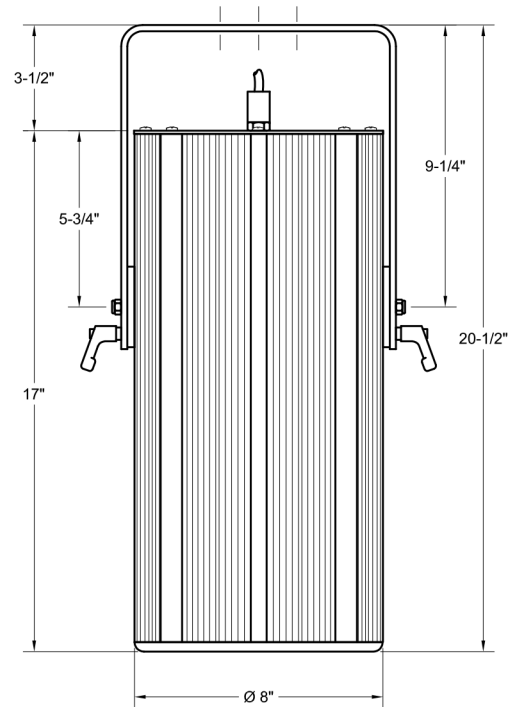
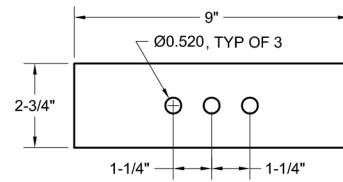
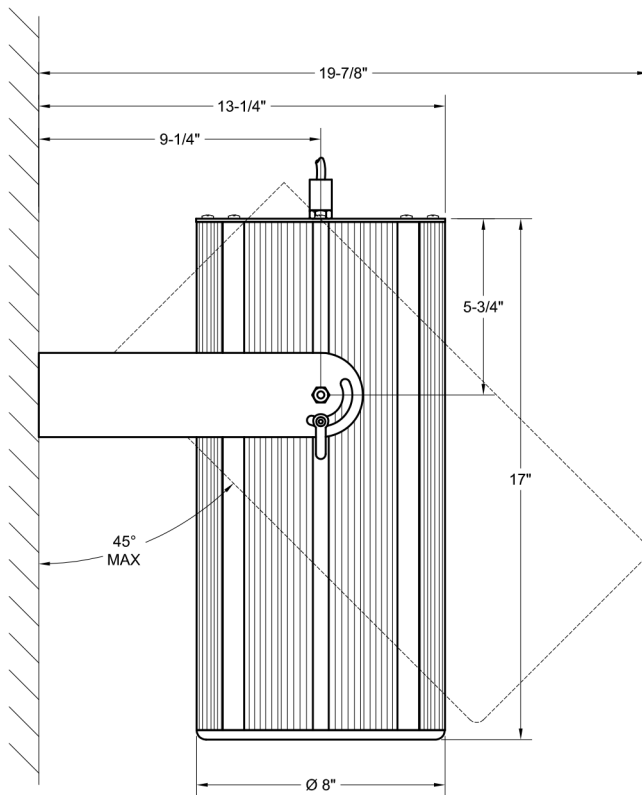
ORDERING INFORMATION

PROJECT:	
LOCATION:	
QUANTITY:	
CONTACT:	
PHONE:	
EMAIL:	

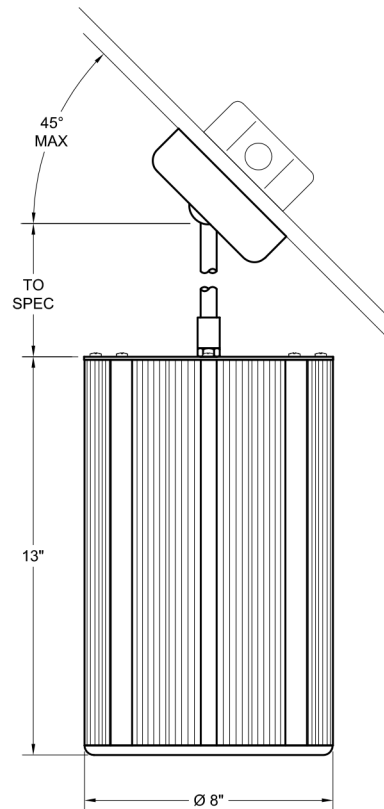
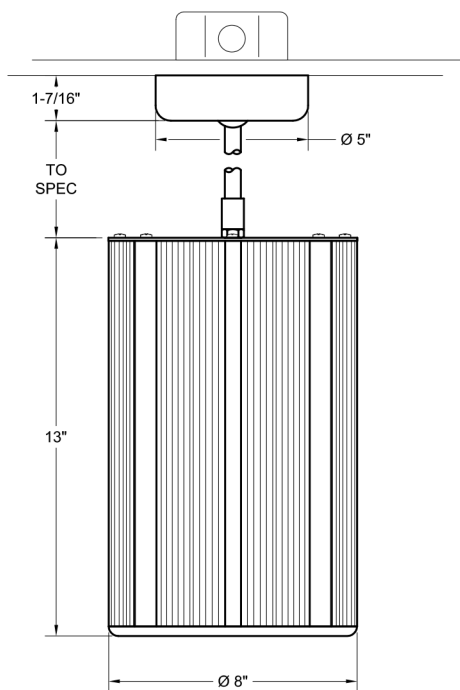
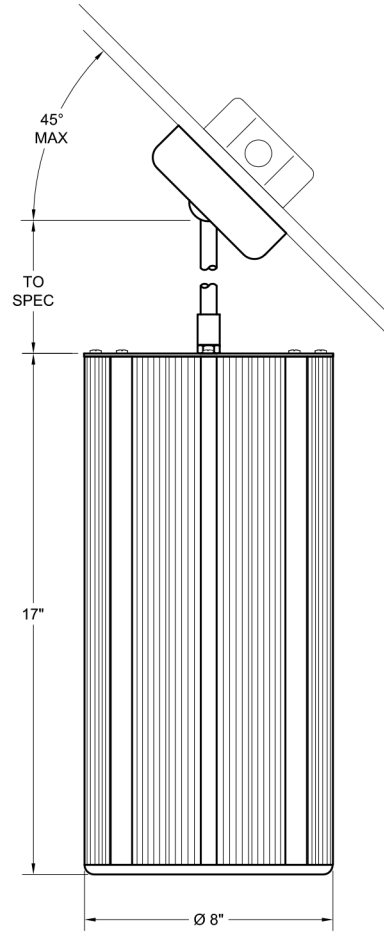
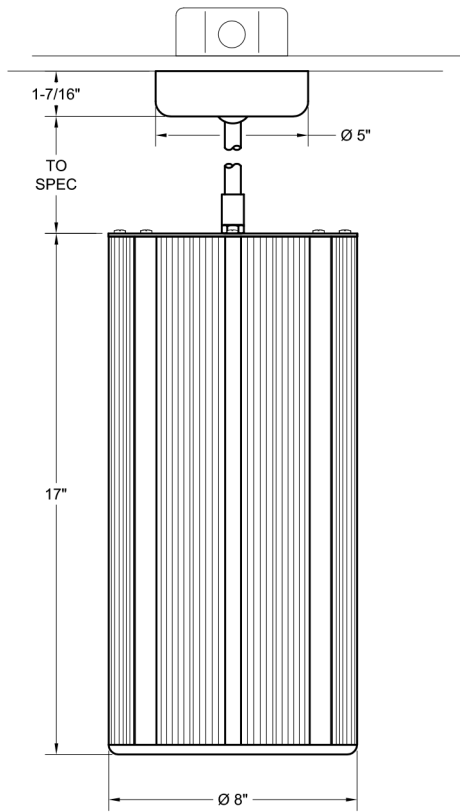
EXAMPLE: CEL-81-92-35-W-55-AC-DXB-5

MODEL	WATTAGE	LED MODULE	COLOR TEMPERATURE	FINISH	OPTICS	MOUNTING	DIMMING	CONTROL / DMX CONNECTOR	ACCESSORIES
CEL									

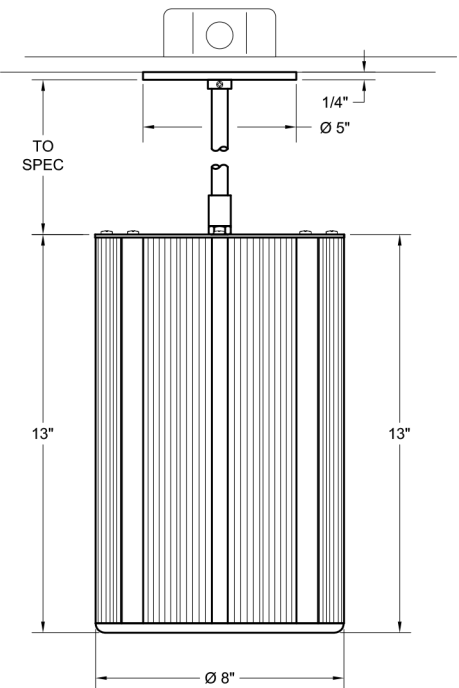
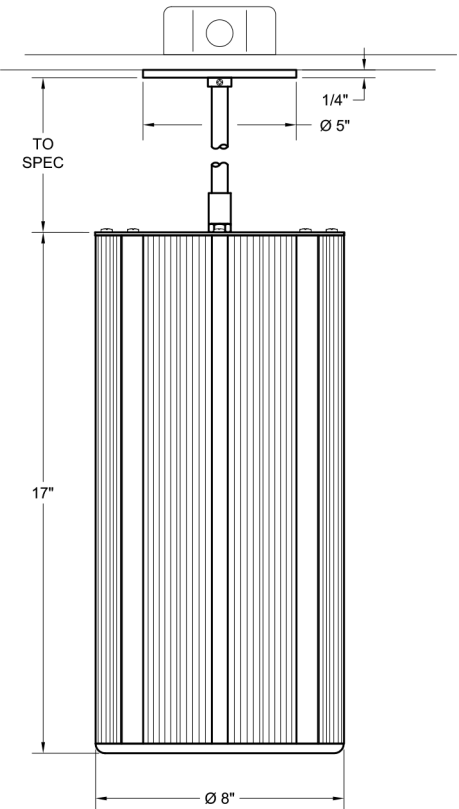
YOKE MOUNT



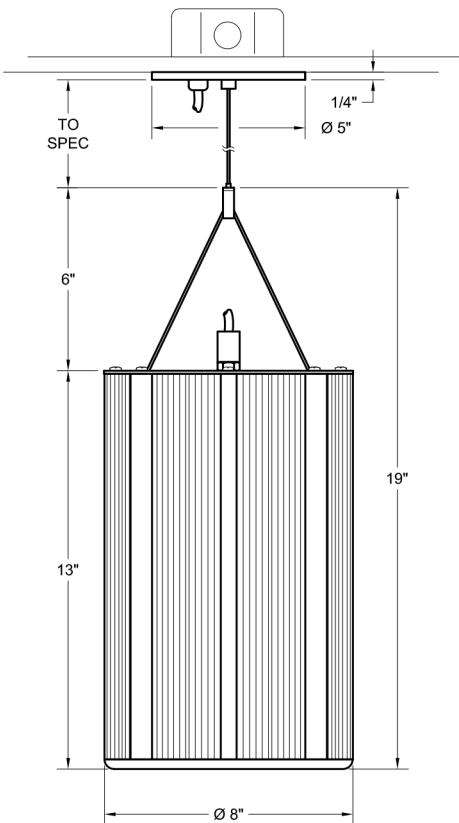
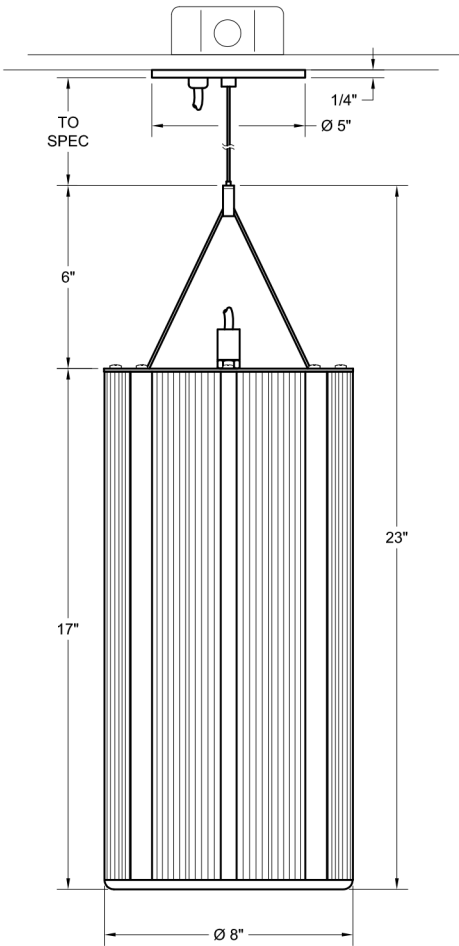
STEM MOUNT, SWIVEL CANOPY



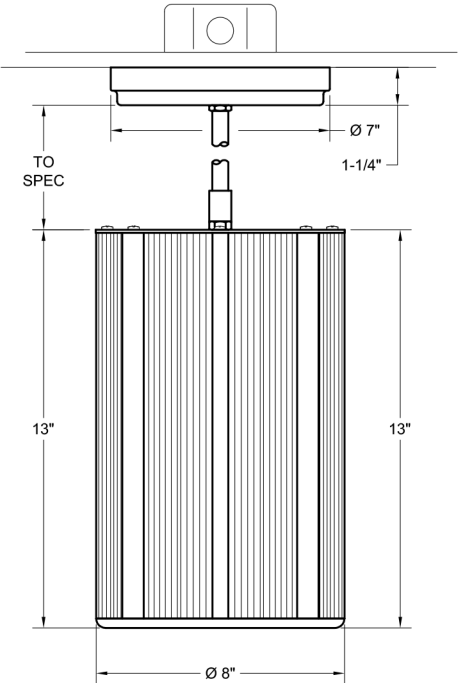
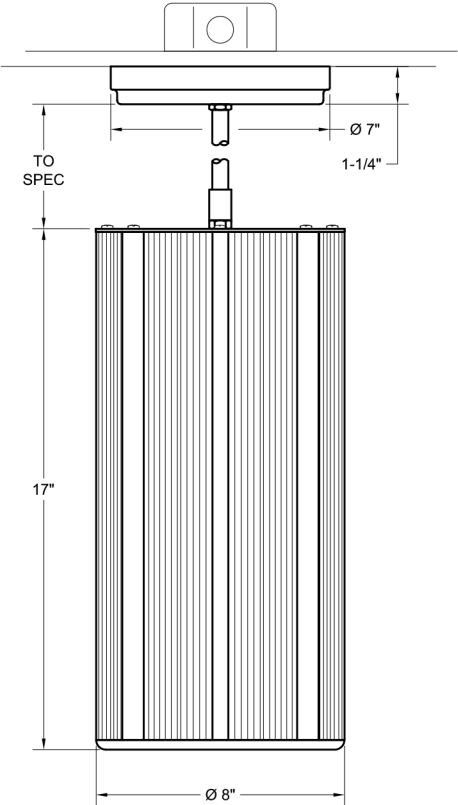
STEM MOUNT,
STANDARD CANOPY



CABLE MOUNT,
STANDARD CANOPY



STEM MOUNT, CANOPY
WITH TERMINAL BLOCK



SURFACE MOUNT

