CEL - CELESTE HOUSELIGHT

54-81.5W LED DIM-TO-DARK

MANUFACTURED IN THE UNITED STATES - IBEW

Pb lead-free RoHS 2002/95/EC 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.

LED MODULE	TOTAL WATTAGE	LUMENS	EFFICACY (LM/W)	CRI
81	81.5	9800	120	80
68	68	8500	125	80
54	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

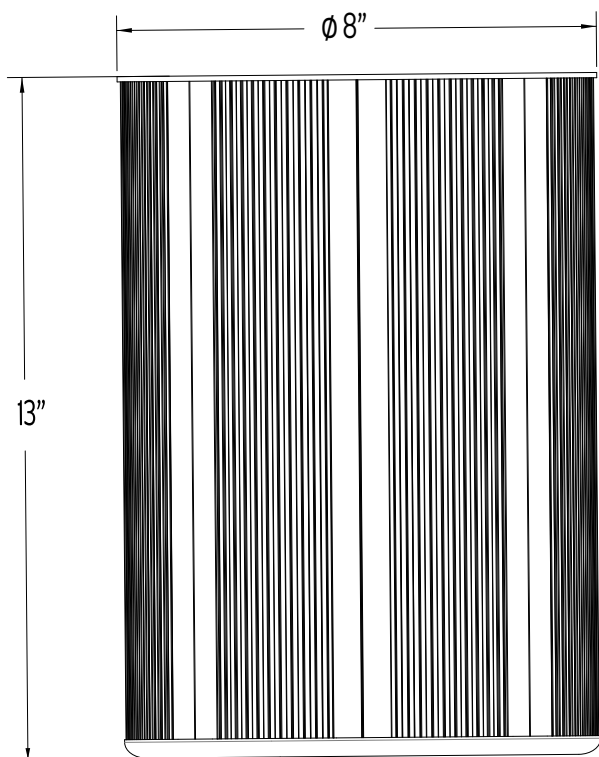**Maximum Operating Temperature:** 40° C • **Maximum Operating Angle:** 45° from Vertical

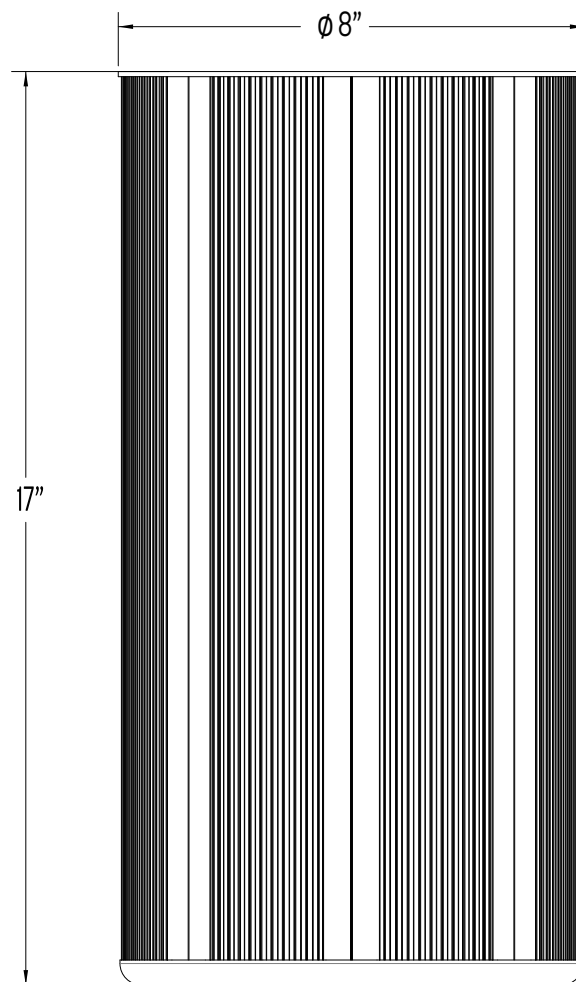# CEL - CELESTE HOUSELIGHT

54-81.5W LED DIM-TO-DARK

MANUFACTURED IN THE UNITED STATES - IBEW

54W and 68W

Ø8"

13"

Ø8"

17"

81W

5 Holt Drive, Stony Point, NY 10980 • **(**845) 947-3034
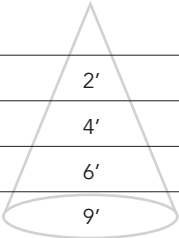
PHOTOMETRIC DATA
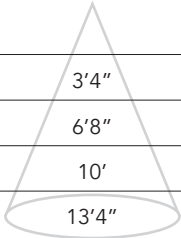
12° Spot Reflector

Distance	Beam Spread	Footcandles
10'	2'	780
20'	4'	195
30'	6'	87
40.	9'	49
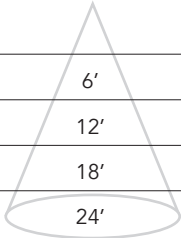
19° Spot Reflector

Distance	Beam Spread	Footcandles
10'	3'4"	328
20'	6'8"	82
30'	10'	36
40.	13'4"	21
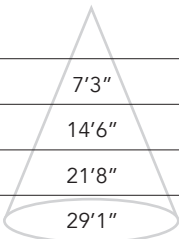
33° Spot Reflector

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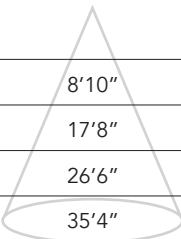
40° Spot Reflector

Distance	Beam Spread	Footcandles
10'	7'3"	130
20'	14'6"	33
30'	21'8"	14
40.	29'1"	8
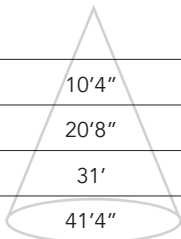
48° Spot Reflector

Distance	Beam Spread	Footcandles
10'	8'10"	88
20'	17'8"	22
30'	26'6"	10
40.	35'4"	6
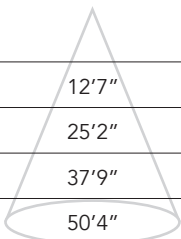
55° Spot Reflector

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 HOUSELIGHT

54-81.5W LED DIM-TO-DARK

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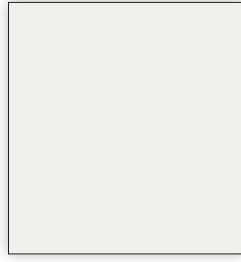Pb lead-free ✓ RoHS 2002/95/EC PRODUCT LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY

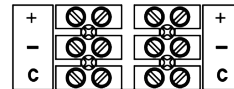## CUSTOM COLORS
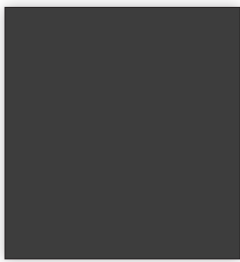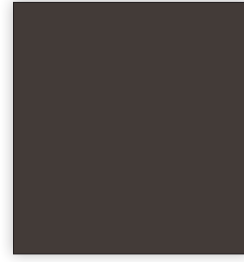
| Black | White | Silver | Bronze | Silver Vein |

CONNECTOR TYPES
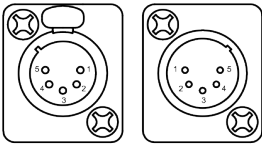
DX5 - 5 PIN XLR (FIXTURE TOP)

DX3 - 3 PIN XLR (FIXTURE TOP)

DXE - RJ45 ETHERNET (ETHERCON) (FIXTURE TOP)

DXT - TERMINAL BLOCK (FIXTURE TOP)
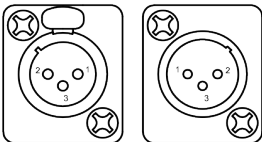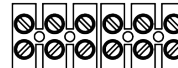
DXTC - TERMINAL BLOCK (INSIDE CANOPY)
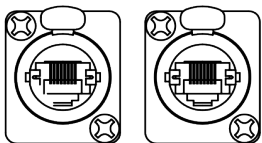
NOTES ON DIMMING

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

SPECIFY:

MODEL	WATTAGE	LED MODULE	COLOR TEMPERATURE
CEL	81 = 81.5-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 = Pendent 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.)

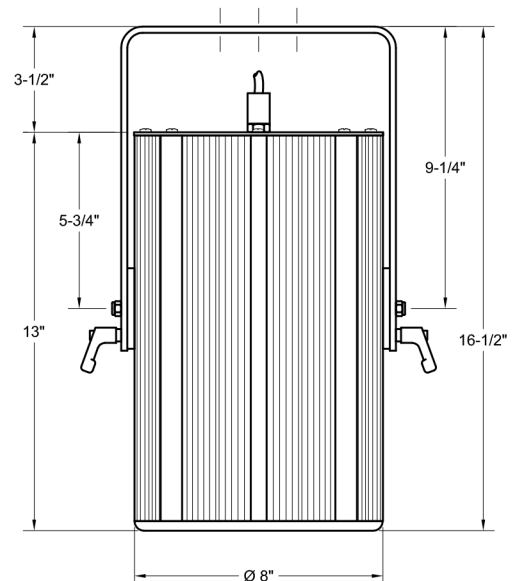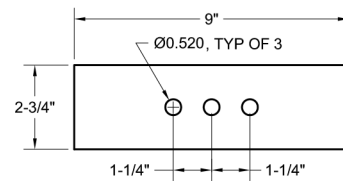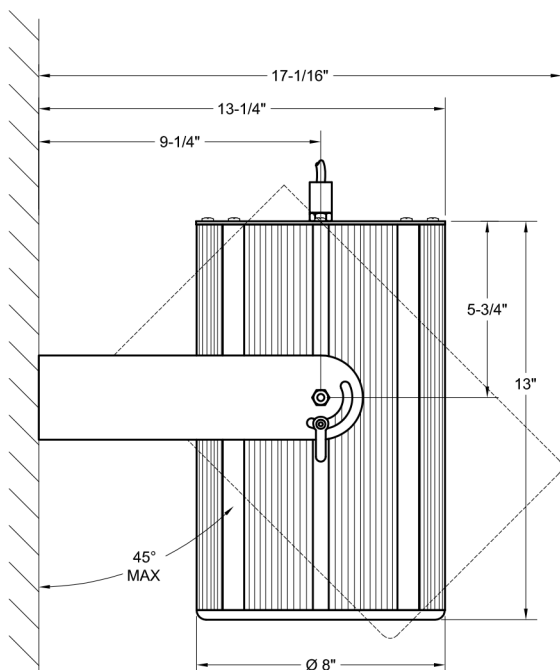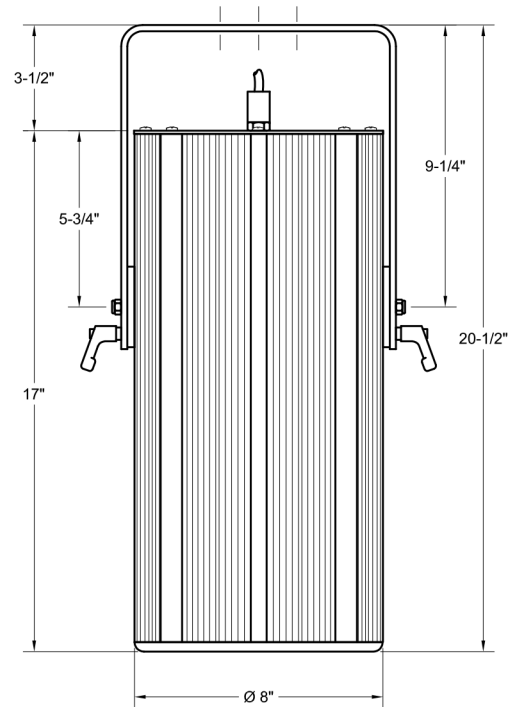| DIMMING	CONTROL / DMX CONNECTOR	ACCESSORIES
TE = Trailing Edge LE = Leading Edge 010 = 0-10V ND = Non-Dimming D/0 = 0-10V Dim to Off DXB = DMX / RDM Basic WDX = Wireless DMX ◊† ECO = Lutron Ecosystem ◊ 120V Only † Not compatible with Surface Mount	3 = 3 PIN XLR (Fixture Top)† 5 = 5 PIN XLR (Fixture 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

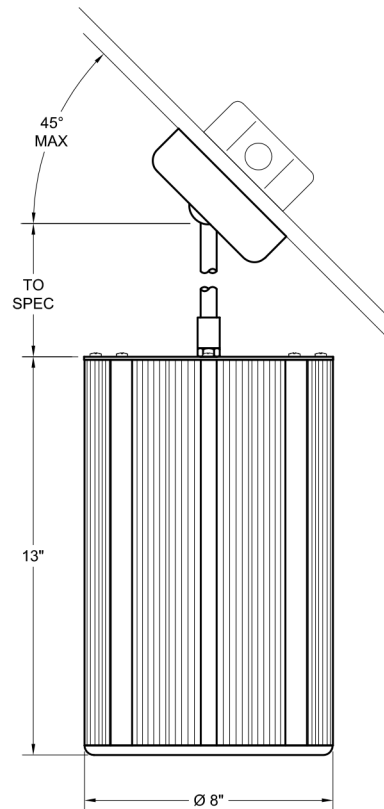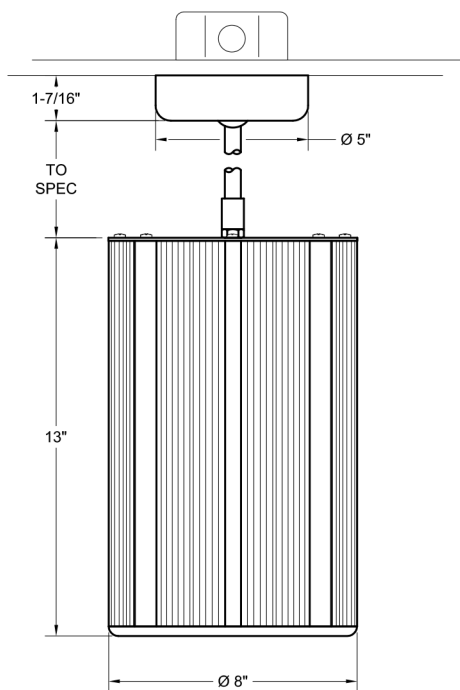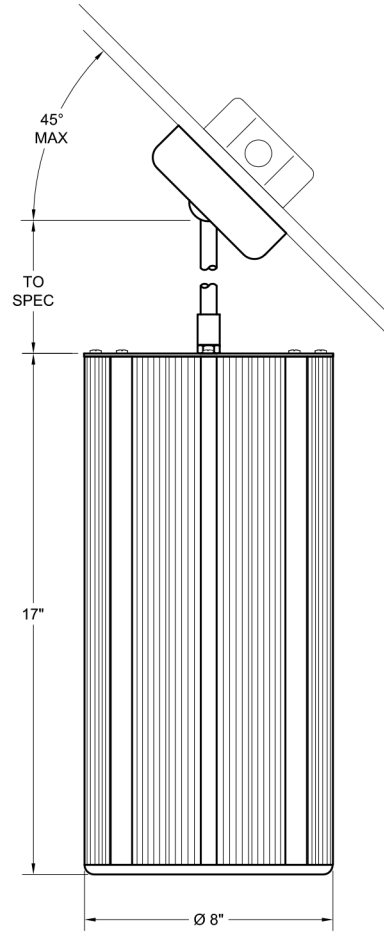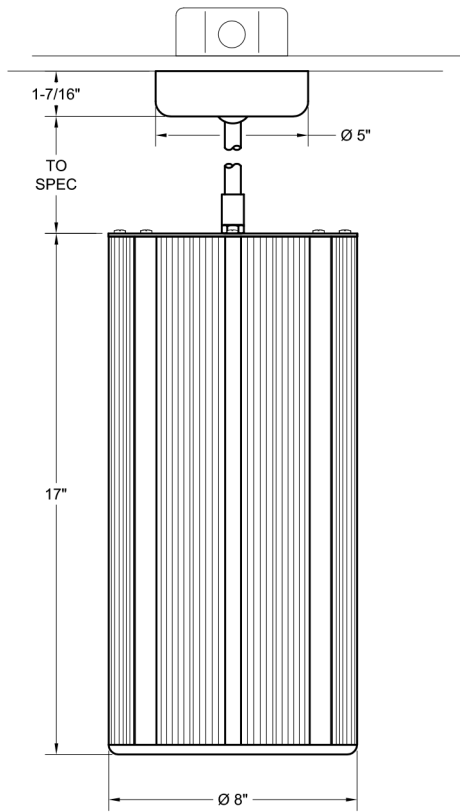| PROJECT:	
LOCATION:	
QUANTITY:	
CONTACT:	
PHONE:	
EMAIL:	

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

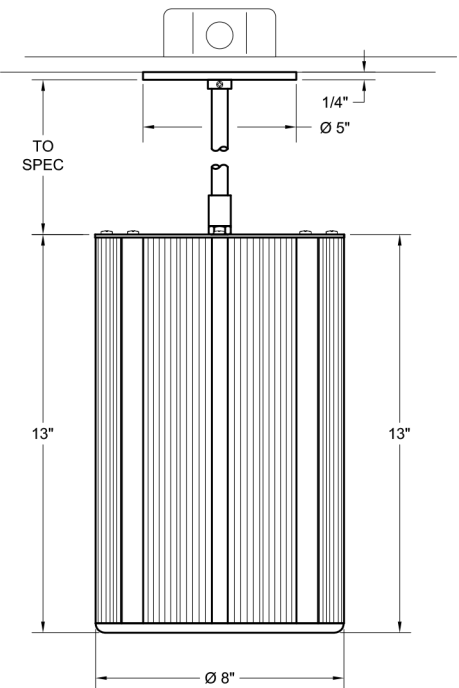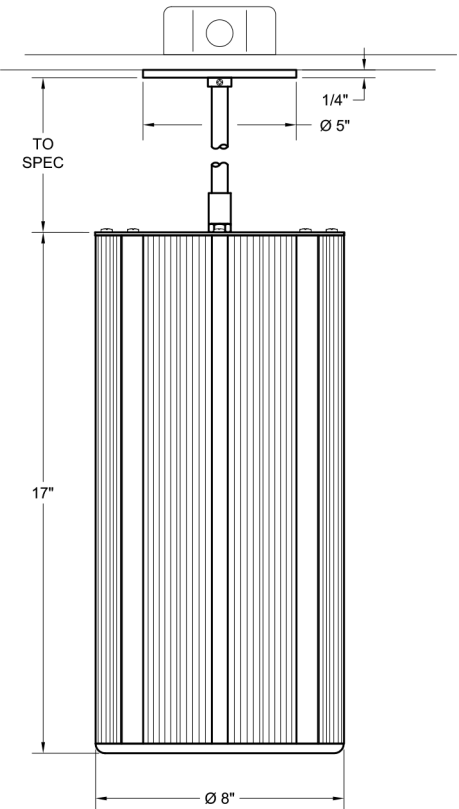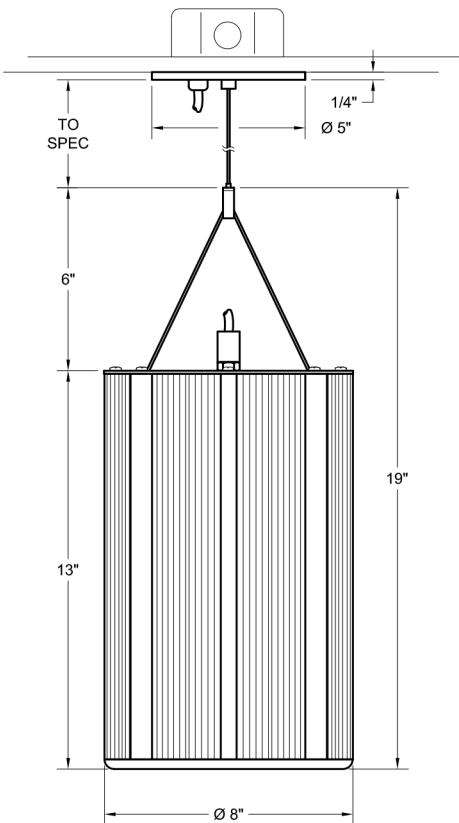| MODEL	WATTAGE	LED MODULE	COLOR TEMPERATURE	FINISH	OPTICS	MOUNTING	DIMMING	CONTROL / DMX CONNECTOR	ACCESSORIES
CEL									

YOKE
MOUNT

9"

Ø0.520, TYP OF 3

2-3/4"

1-1/4"   1-1/4"

19-7/8"

13-1/4"

9-1/4"

5-3/4"

17"

45°
MAX

Ø 8"

3-1/2"

9-1/4"

5-3/4"

17"

20-1/2"

Ø 8"

9"

Ø0.520, TYP OF 3

2-3/4"

1-1/4"   1-1/4"

17-1/16"

13-1/4"

9-1/4"

5-3/4"

13"

45°
MAX

Ø 8"

3-1/2"

9-1/4"

5-3/4"

13"

16-1/2"

Ø 8"
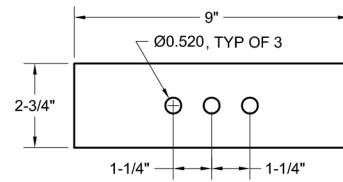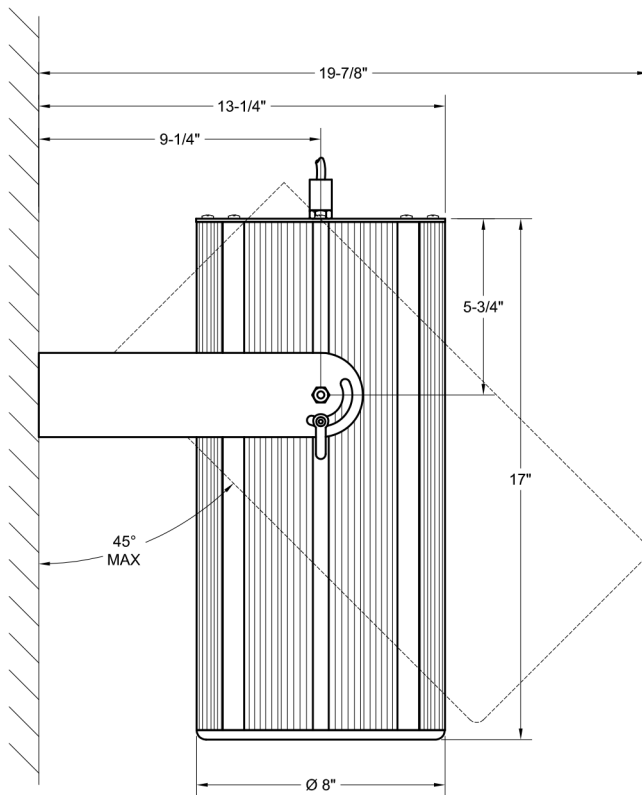
STEM MOUNT,
SWIVEL CANOPY

1-7/16"

Ø 5"

TO
SPEC

17"

Ø 8"

45°
MAX

TO
SPEC

17"

Ø 8"

1-7/16"

Ø 5"

TO
SPEC

13"

Ø 8"

45°
MAX

TO
SPEC

13"

Ø 8"

STEM MOUNT, STANDARD CANOPY

1/4"
Ø 5"
TO SPEC
17"
Ø 8"

13"
1/4"
Ø 5"
TO SPEC
13"
Ø 8"

CABLE MOUNT, STANDARD CANOPY

1/4"
Ø 5"
TO SPEC
6"
17"
23"
Ø 8"

1/4"
Ø 5"
TO SPEC
6"
19"
13"
Ø 8"
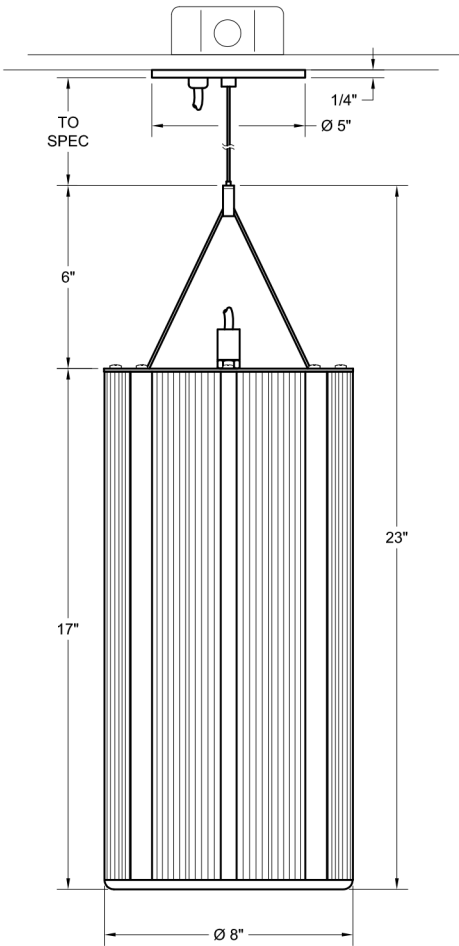
STEM MOUNT, CANOPY WITH TERMINAL BLOCK

SURFACE MOUNT

Ø 7"

1-1/4"

TO SPEC

17"

Ø 8"

1-1/2"

18-1/2"

17"

Ø 8"

Ø 7"

1-1/4"

TO SPEC

13"

13"

Ø 8"

1-1/2"

14-1/2"

13"

Ø 8"