



Manufactured in the USA - IBEW



### 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
- 60 Watts
- Power Input: Universal (120-277V)
- Inquire from factory about Emergency Driver option

Maximum ambient temperature: 35°C  
Maximum operating angle: 45° from vertical



**COLORMIX**

\*Specification sheets are subject to change without notice.

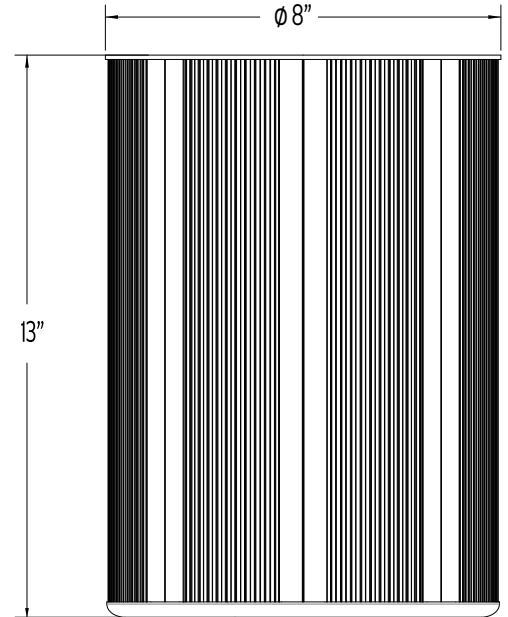
# CELESTE

## COLOR MIX 60W LED



5 Holt Drive,  
Stony Point, NY 10980  
845-947-3034  
www.tsight.com

The CEL60-CT features tunable color and a high CRI output. It can be controlled via DMX/RDM, Lutron Ecosystem, Bluetooth, or even 010V controls. The CEL60-CT features tunable white from 1800K-8000K with a CRI of 90+ across the entire temperature range. Rich blues, ambers, reds, violets and greens can be added in gradients or can completely saturate the output of the light. Interchangeable reflectors allow beam angles between 12° and 64°. The stylish extruded aluminium housing is lightweight and extremely durable. This fixture is perfect for churches, events, or use in an archtainment setting. It's also a good option for retail, due to it's powerful output and high CRI values.



### LED

- CRI: 80+ to 90+
- Beam Angle: 12°, 19°, 33°, 40°, 48°, 55°, 64°
- No UV or IR

### Dim to Warm

- Dims from 3050K to 1800K
- Can be controlled by DMX or 0-10V Controllers
- 5000 Lumens

Module	Total Wattage	Lumen Package	Efficacy (Lm/W)	CRI
CT	60	5000	84	80+ to 90+
DW	60	5000	84	90+

### Ordering Matrix

Model	LED Array	Finish	Optics	Mounting	Dimming*	Accessories
CEL60	CT = Color Mixing DW = Dim-to-Warm	B = Black W = White S = Silver BZ = Bronze CC = Custom Color	12=12° 19=19° 33=33° 40=40° 48=48° 55=55° 64=64°	See Mounting Options	D/0 = 0-10V Dim to Off DX3 = * DX5 = * DXT = * DXE = * DXTC = * † ECO = Lutron Ecosystem	See Accessory Options

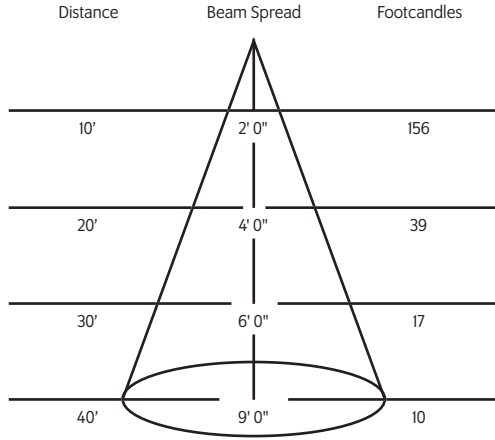
\*See "Notes on Dimming" on Page 3. † PM option only

**Example:** CEL60-CT-B-12-PM24-DX5

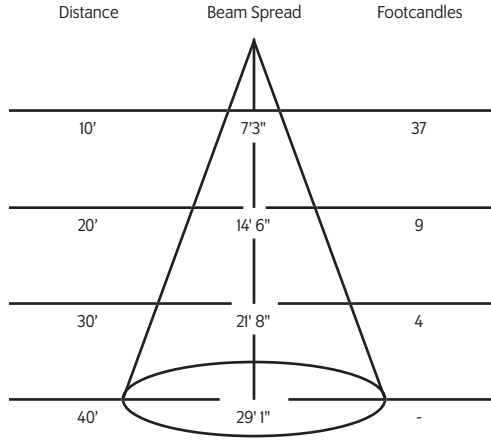
CEL60 - \_\_\_\_\_

# Photometric Data

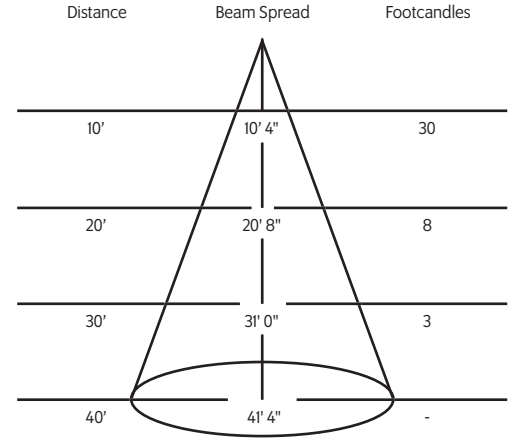
### 12° Spot Reflector



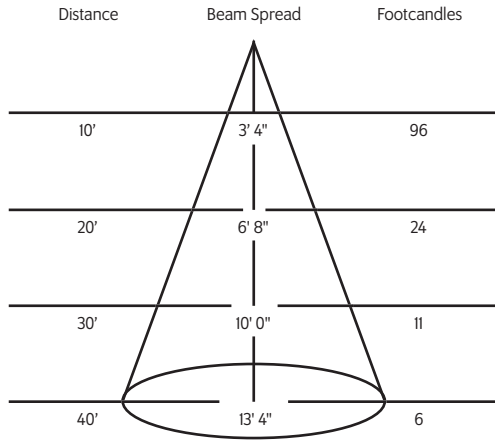
### 40° Spot Reflector



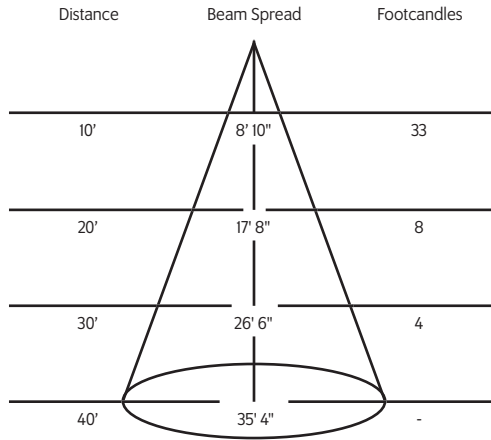
### 55° Medium Flood Reflector



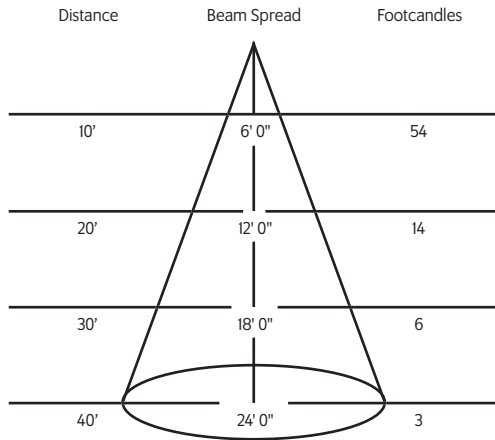
### 19° Medium Flood Reflector



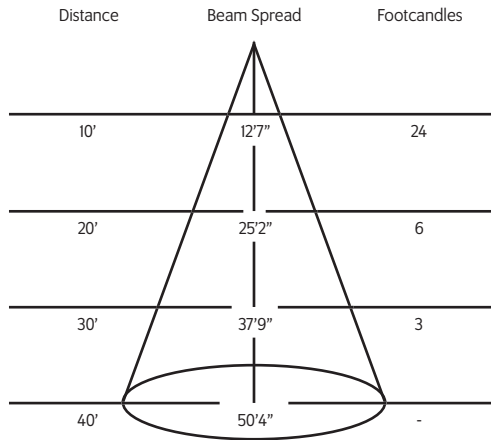
### 48° Medium Flood Reflector



### 33° Flood Reflector



### 64° Flood Reflector



## Optics

- 12°, 19°, 33° 40°, 48°, 55°, and 64°

## Warranty

- 2-year limited warranty
- UL Listed Product

## Mounting Options

**PM** = Pendent Mount (Specify Length in Inches)

**AC** = Aircraft Cable, 120" supplied, field-cutttable

**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)

## DMX Features

- 4 Channels per fixture
- Intensity, tunable white, color saturation, and hue.
- Multiple data termination options, including XLR, Ethercon or Terminal Block

## Color Tuning Features

- Color gamut control: gradients of saturated colors from 1-100 % can be added to color points.
- 90+ CRI
- Dimmable from 100 - 0.1% constant CCT
- DMX512-A-RDM or Lutron EcoSystem compatible
- DMX controls dimming, hue, saturation and tunable white
- Available with RJ45 or XLR sockets
- On-board Bluetooth Low Energy (BLE)
- Tunable range: 1650-8000K
- SceneSet enables up to five scenes to be preprogrammed and recalled using a 0-10V recommended summer or via Bluetooth
- Addressing and integration by RDM, Bluetooth Low Energy, Lutron® EcoSystem® are all available as control options. Must be specified and ordered to pair with desired control system from factory.
- L70 greater than 50,000 hours
- Lutron® and EcoSystem® available - Consult factory.

### Notes on Dimming:

- **TE** This means the fixture will work on *MOST* quality Trailing Edge dimmers. These dimmer types are also known as Reverse Phase or Electronic Low Voltage (ELV), and are available as wall mount and rack mount modules.
- **LE** This means the fixture will work on *MOST* quality Leading Edge dimmers. These dimmer types are also known as Forward Phase, Incandescent, Halogen or Triac, and are available as wall mount and rack mount modules.
- **0-10** This means the fixture will work on *MOST* quality 0-10V or 1-10V dimmers. These dimmer types are also known as Fluorescent, and are available as wall mount and rack mount modules.
- **RACK** Specifically designed to work with theatrical style rack mount dimmers manufactured by ETC, LePrecon and Elation.

It is impractical to test every fixture type with every dimmer type, and some combinations work better than others, while some not at all.

It is advisable to pretest a particular fixture with an intended dimmer beforehand to insure that the combination will work as expected.

Most if not all dimmers have a maximum LED load that can be applied, often as little as 10% of its nominally rated value.

Dimming LEDs can actually extend their life expectancy, and will not affect the color temperature or CRI.

O10 = 0-10V standard will dim to approximately 40%

D/0 = 0-10V that will dim to off

DX3 = 3PIN XLR In - Out (Mounted on fixture top)

DX5 = 5PIN XLR In - Out (Mounted on fixture top)

DXT = Terminal Block In - Out (Mounted on fixture top)

DXE = RJ45 Ethernet (Ethercon) (Mounted on fixture top)

DXTC = Terminal Block In-Out (Mounted inside canopy)

Note: DMX will also function with RDM.