



# CTH30



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Stony Point, NY 10980  
845-947-3034  
www.tslight.com

Manufactured in the USA - IBEW



## Power

- **Voltage:** 120-277V, 50/60 Hertz
- **Power Consumption:** 45W for CTH30, 28 W for CTH20
- **Max. Operating Temp.:** 104°F (40°C) ambient

## Optics

- 10°, 20°, 40° or 60° field-changeable reflectors

## Weight

- Weight: 4 lbs.



## Color Tuning

The CTH Series features tunable color and a high CRI output. They can be controlled via DMX/RDM, Lutron Ecosystem, Bluetooth, or even 010V controls. They feature 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 10° and 60°. This fixture is perfect for retail applications such as car dealerships and clothing stores but is equally well suited for illuminating artwork or using in an archtainment setting. The variable white feature also makes it a good option for healthcare facilities.

## Color Tuning

- Tunable range: 1650 - 8000K
- 90+ CRI
- Dimmable from 100 - 1% at constant CCT
- Color gamut control: gradients of saturated colors from 1 - 100% can be added to color points
- On board thermal and optical feedback for color consistency and <2 MacAdam ellipse over 50,000 hour life
- Compatible with 0 - 10V wired controls
- On-board Bluetooth Low Energy (BLE) included in every fixture
- SceneSet enables up to five scenes to be preprogrammed and recalled using a 0 - 10V recommended dimmer or via Bluetooth

## Control

- Protocol: DMX/RDM, Lutron Ecosystem, 010V or Bluetooth
- 4 DMX Channels
- Input: 3/5-pin XLR Male or WAGO Connectors
- Output: 3/5-pin XLR Female or WAGO Connectors
- Color Preset can be saved.

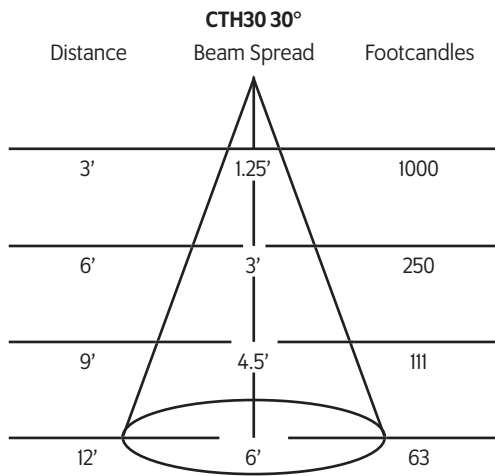
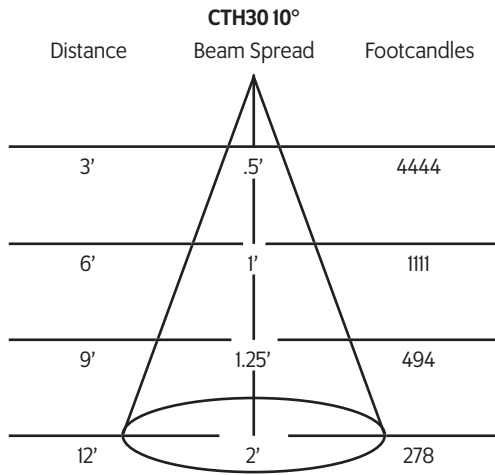
## Ordering Matrix

Model	Array	Finish	Reflector	Mounting	Dimming
CTH	20 = 2000 30 = 3000	B - Black W - White S - Silver CC - Custom Color	10 = 10° 20 = 20° 40 = 40° 60 = 60°	See Mounting Options	DX = DMX/RDM ECO = Lutron Ecosystem BL = Bluetooth 010 = 010V Dimming

**Example:** CTH-20-B-60

CTH-\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

## Photometric Data

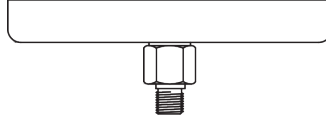


## Mounting Options

**DT2** 2-circuit track adapter for SpecTrack databus. 120V.

**HDT2** Track adapter for SpecTrack 2-Circuit data track. 277V.

**CM4** Canopy mount.



**US1** 6 5/8" x 1 1/2" Unistrut adapter.

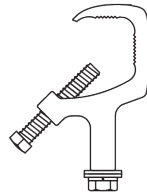


**TB4** 6 1/4" Portable wall mount/table base floor, wall or table use.

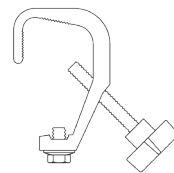
**TB8** 8" x 8" Portable table base for floor or table use.



**MC** Light duty pipe clamp for small fixtures. For pipes up to 1 5/16" O.D.



**MN** Medium duty pipe clamp for small to large fixtures. For pipes up to 2" O.D.



**PC9M** Heavy duty pipe clamp for large, heavy fixtures. For pipes up to 2" O.D.

## Accessories

<b>LV7</b>	Louwer
<b>XL7</b>	Cross Baffle Louwer
<b>BD7A</b>	Barndoor
<b>HD7</b>	Hood
<b>XH7</b>	Cross Baffle Hood
<b>SH7</b>	Sparkle Hood
<b>CF8</b>	Color Frame
<b>GF8</b>	Glass Color Filter
<b>DF8</b>	Dichroic Color Filter
<b>GF8-600</b>	5° x 50° Linear Lens
<b>GF8-601</b>	Beam Softener
<b>GF8-673</b>	50° x 50° Spread Lens
<b>GF8-702</b>	UV Blocking Filter
<b>LBS8</b>	Light Blocking Screens
<b>CC18</b>	Coiled Cord
<b>SC-24</b>	Safety Cable
<b>IP</b>	Integral Dimmer
<b>WL</b>	Wrench Locking

## Light Blocking Screens

Stainless steel screens used singly or in combinations to block transmitted light without changing color temperature.

<b>LBS7-20</b>	20% Light Blocking
<b>LBS7-30</b>	30% Light Blocking
<b>LBS7-40</b>	40% Light Blocking

## Extension Wands

<b>SP 12</b>	12" Stem
<b>SP 18</b>	18" Stem
<b>SP 24</b>	24" Stem
<b>SP X</b>	Custom Length

## Finish

<b>B</b>	Black
<b>W</b>	White
<b>S</b>	Silver
<b>CC</b>	Custom Color

