



15839 CO, TZT - LED FUNDAMENTALS™

15850 CO - LED COPPER HAT

<b>Description</b>	Basic, uncomplicated design for versatility. Use along walkways or points of interest. Heavy gauge copper makes this proven look fit in any setting.	Design Pro LED in a definitive yet unassuming copper housing. Will develop a natural verdigris over time.
<b>Ordering Guide &amp; Finish</b>	15839 CO - Unfinished Copper 15839 TZT - Textured Tannery Bronz™e (Marine grade powder coat)	15850 CO - Unfinished Copper
<b>Housing</b>	Brass or Copper (copper will naturally patina over time)	Copper (copper will naturally patina over time)
<b>Light Source</b>	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver	3 Integrated High Output Nichia® LEDs, tightly binned for color uniformity, and constant current driver
<b>Color Temp. (CCT) &amp; CRI</b>	3000K (-200/+125) / 80s CRI	3000K (-200/+125) / 80s CRI
<b>Power Usage at 12V AC Input VA and Watts</b>	4 W, 5.8 VA Multiply fixture VA by the number of fixtures used to determine size of transformer	4 W, 5.8 VA Multiply fixture VA by the number of fixtures used to determine size of transformer
<b>Operating Voltage Range</b>	9V-15V AC/DC with no loss in output due to constant current technology	9V-15V AC/DC with no loss in output due to constant current technology
<b>Lumen Maint.</b>	Tested to an L-70 of 40,000 hours	Tested to an L-70 of 40,000 hours
<b>Total Lumens &amp; Efficacy</b>	3000K = 140 Lm 3000K= 35 Lm/W	3000K = 140 Lm 3000K= 35 Lm/W
<b>Wiring</b>	55" of useable #18-2, SPT-1W leads. Cable connector supplied	30" of useable #18-2, SPT-1W leads. Cable connector supplied
<b>Mounting Acces. Included</b>	8" in-ground stake	8" In-ground stake
<b>Optional Acces.</b>	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket	15601 - Surface Mounting Flange 15607 - Surface Mounting Bracket
<b>Incandescent</b>	15439 - on page 94	15350 - on page 83
<b>Notes</b>	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers	Subjected to Highly Accelerated Life Testing - 3rd party reliability testing Not for use with electronic transformers
<b>Fixture Photometric (fc)</b>	Distance from Light 0' 1' 2' 3' 4' 5' 6' 7' 8' Footcandles 10.77 6.12 3.87 2.57 1.99 1.77 1.12 0.87 0.61	Distance from Light 0' 1' 2' 3' 4' 5' 6' 7' 8' Footcandles 8.77 6.57 4.37 2.77 1.77 1.57 0.61 0.41 0.28