

Light Options - KEEPING ALL LIGHTS	Watts	Lumens	Units	Fixture Cost	Pole Cost	Monthly	Yearly	7% Tax Yearly	
Oscala - Current High Pressure Sodium	100	9000	35	\$10.39	\$2.71	\$458.50	\$5,502.00	\$5,887.14	
Traditional - Type M (Voted for Nov 2018 at board meeting lacking full information)	50	3303	35	\$9.71	\$2.71	\$434.70	\$5,216.40	\$5,581.55	
Minibell (only for comparison. Too few lumens)	50	2889	35	\$12.14	\$2.71	\$519.75	\$6,237.00	\$6,673.59	
Mitchell LED (Plain)	50	4300	35	\$13.29	\$2.71	\$560.00	\$6,720.00	\$7,190.40	
Mitchell LED With Top Hat and Ribs	50	4300	35	\$14.78	\$2.71	\$612.15	\$7,345.80	\$7,860.01	
The above lights satisfy the town of Cary criteria for the LED program							Mitchell With Top Hat and Ribs		
							Mitchell Increase	\$1,972.87	
							ToC Supplement	\$4,436.64	
							New Yearly Bill (if we kept all 35)	\$3,423.37	
							Our Savings	\$2,463.77	

IF WE REMOVE 6 of 9 Lights ToC Will NOT Subsidize		
Per Light Per Year		
TOC Reimburse Per Pole Per Year	\$170.64	Math is 26 lights at 4436.64 per year. Quoted 355.50 monthly.
What we currently pay per pole year	\$168.20	Math is 35 lights are 490.56 x 12 month (tax included) / 35
Mitchel LED	\$205.44	Math is 35 lights are 599.20 x 12 month (tax included) / 35
Mitchel LED with Top Hat and Ribs	\$224.57	Math is 35 lights are 655.00 x 12 month (tax included) / 35
Total Num Lights Proposed	29	
# TOC Supplements	26	
# We Remove	6	\$1,009.20 Saved Yearly by Removal at current rate C15
# We Pay In Full	3	\$673.71 Cost Yearly for new LED C18
		\$1,402.18 Cost Difference for remaining lights
		\$2,075.89 New Yearly Bill
		\$3,811.25 Annual Savings

Spec Sheet Links

- <https://www.duke-energy.com/ /media/pdfs/apps/gallery/traditional-led-dep.pdf> Traditional
- <https://www.duke-energy.com/ /media/pdfs/apps/gallery/mini-bell-led-def.pdf> Mini Bell
- <https://www.duke-energy.com/ /media/pdfs/apps/gallery/mitchell-led-dep.pdf> Mitchell LED
- <https://www.duke-energy.com/ /media/pdfs/apps/gallery/mitchell-top-hat-led-with-ribs-dep.pdf> Mitchel LED Top Hat and Ribs

Too few lumens

TRADITIONAL LED

Illuminate pathways and residential communities with the energy-efficient Traditional LED. This Colonial lanternstyle fixture will add style and charm to any neighborhood or park.

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Mini Bell is 1/3 the lumens as our current light. Too dim.

MINI BELL LED

The Mini Bell LED is an energy-efficient luminaire with a classic, sophisticated design. This fixture is an excellent choice for illuminating pathways and residential communities.

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MITCHELL LED TOP HAT WITH RIBS, BANDS AND MEDALLIONS

The energy-efficient fixtures in the Mitchell LED Series enhance the character and prestige of streetscapes and parking lots, as well as pedestrian areas and greenways. These fixtures provide safety and security in commercial settings and complement any neighborhood with their classic, elegant design.

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More than half the lumens and looks like our current fixture. These are the ones ToC uses at their "fancy" intersections.

MITCHELL LED

The energy-efficient fixtures in the Mitchell LED Series enhance the character and prestige of streetscapes and parking lots, as well as pedestrian areas and greenways. These fixtures provide safety and security in commercial settings and complement any neighborhood with their classic, elegant design.

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Our current 20 year old fixture

OCALA

If the look of the Ocala is familiar, it's probably because you've seen lights like this lining streets across America for years. Our version of this traditional favorite is crafted with a durable acrylic and designed to bring back the "good old days."

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These are what the ToC would put in and fully cover, if they were on a 25ft tall gray fiberglass pole

ROADWAY

Well-suited for roadways, parking lots and other long, narrow settings, the Cutoff Enclosed provides reduced glare and uplight, along with a more controlled lighting pattern. Light is directed where you need it. Choose low, medium or high light output sizes on wood or fiberglass poles (or mount on an existing pole). Available with one to four fixtures per pole, depending on the pole selected.



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