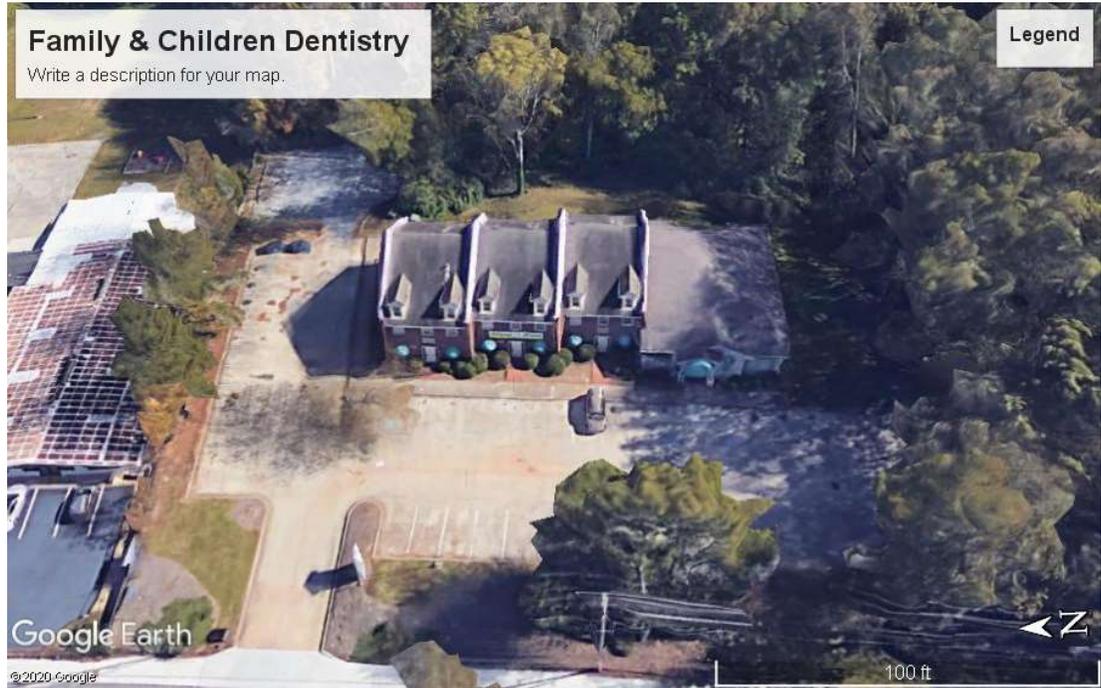


Titan LED Lighting Solutions

LIGHTING PROJECT



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(623) 552 – 7065
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Jeff Gibson, ASD



FAMILY & CHILDREN'S DENTISTRY

BEN HILL, GA: PARKING LOT PROJECT (PHASE I)

Well designed, installed, and maintained outdoor lighting is the most visible sign of your commitment to public safety. Poorly-lit parking lots and walkways invite theft and other criminal activity. Properly lit areas deter crime and may reduce accidents, ensuring your tenants and visitors feel safe on your premises. Property owners and managers know when it comes to security and outdoor lighting maintenance, nothing has an immediate impact on the value of your commercial or industrial property as well-designed and properly maintained outdoor lighting.

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SAFE AND SECURE

PROPOSED PRODUCT

Some of the most common projects that Titan LED come across have to do with parking lot lighting. This involves the installation, transformation of commercial-sized fixtures.

The team at Titan LED will create a comprehensive ROI, tailor-made lighting plan that provides the quality of light you need while meeting your operational goals, and install and quality check the job upon completion.



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Return on Investment

SAVINGS SUMMARY (ROI)

Existing	Titan LED SKU	Titan LED Monthly Energy Savings (kWh)	Titan LED Monthly Energy Savings (\$)	Titan LED Monthly Maintenance Savings (\$)	Titan LED Monthly Savings (\$)	Titan LED TOTAL Energy Savings (kWh)	Titan LED TOTAL Energy Savings (\$)	Titan LED TOTAL Maintenance Savings (\$)	Titan LED TOTAL Savings (\$)
HPS Flood	12C-HPWP-28-5K-6-T3	197	\$21.96	\$4.59	\$26.55	78,203	\$14,514	\$2,141	\$15,693
MH Fixtures	62C-SB-2P-56-8-T3	1,178	\$131.00	\$15.97	\$146.97	579,604	\$123,659	\$9,654	\$130,043
Titan LED TOTAL SAVINGS		1,376	\$152.96	\$20.56	\$173.52	657,807	\$138,173	\$11,795	\$141,647

Existing Fixtures	Total	Watts	Lumens	FC (onsite)
Metal Halide	5	450		.4
High Pressure Sodium	2	600		.7
Titan Fixtures				
Hennessey Wall Pac	3	59	7842	3.8
Silver Series Wall Pac	1	28	3999	2.5
Hennessey Shoebox	5	140	21235	3-7

Total Existing Watts: 3400

Total Titan Watts: 790

Total Watts Saved: 2610 = 77% Savings

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Taylor Made

ASSESSMENT AND LIGHTING DESIGN

Photometric analysis is the most precise and comprehensive approach to large-scale lighting projects, and it's the most impressive weapon in a lighting expert's arsenal. Light is inherently difficult to control, but modern lighting software makes it possible to accurately map a project space before fixture installation.

Using photometric design, lighting providers can offer clients a full picture of what their project will look like following installation. It can also provide a point of discussion and project development for clients who want to improve their fixture layout or technology.



ADDRESSING THE NEED

10 REASONS FOR PARTNERING WITH TITAN

1. More Energy Efficient (Use Less Wattage)

LED's require less wattage to be fully powered when compared to their light counterparts.

2. LED Bulbs Need to be Replaced Less Frequently

Installing them in your commercial property will result in less maintenance and they will need replacing at a slower rate.

3. Improve the Quality of Light in Your Parking Lot

LED's produce the best quality of light compared to any bulb on the market.

4. Improve Security of Your Property

A well-illuminated area will result in less crime and vandalism. If you pair an LED lighting system with an outdoor security surveillance system you will see any criminal activity dropping tenfold. Decreasing vandalism will save you time and money by not having to clean up the mess left behind.

5. Reduce Insurance Premiums

When taking an insurance policy out on your property a number of factors come into play. Showing that you take security seriously will result in your premiums being decreased, saving you money along the way.

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6. Increase Safety of Your Staff

If you have staff that works after hours, or a security team that patrols your property, having a highly illuminated area will reduce the chance of them being attacked or mugged. If you own an industrial park that operates heavy machinery then inefficient lighting is a safety hazard and can result in injury or death

7. Reduce Energy Consumption

We have already shown that LED's require less wattage to produce optimum light. By using less power they are saving you money on your energy bill.

8. Environmentally Friendly

- LEDs are better for the environment for two reasons:
- LEDs can be recycled as they do not contain any hazardous materials like mercury (like the metal halide bulbs).
- LEDs use less energy, so their carbon footprint is less than that of their counterparts.

9. Increase Property Value

Fitting your property with the best equipment will naturally increase your property's value.

10. Integrating with Solar Power

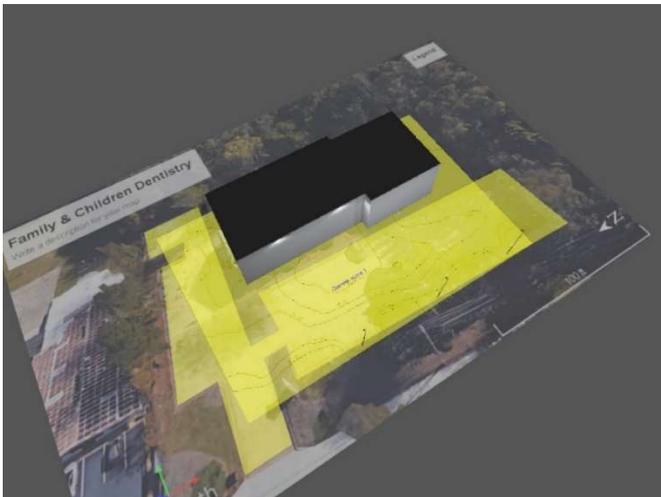
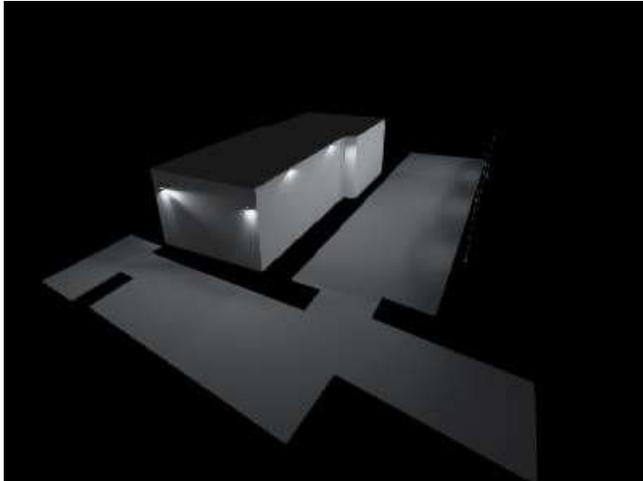
An LED parking lot lighting system can be fully integrated with a solar-powered generator.

PHOTOMETRIC SERVICES

DESIGNING FOR OPTIMUM LIGHTING SOLUTIONS

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TRANSFORMATIONAL LIGHTING

TARGETING 5 FOOT CANDELS



SOLUTION INSTALLED

TARGETED FOOT CANDLE ACHIEVED



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Additional Photos



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