



Pole	x-loc	y-loc	height	N2HV	N2-43HV	Total	kw
P1	-170	-75	70ft	5	3	8	10.4
P2	170	-75	70ft	5	3	8	10.4
P3	-160	75	70ft	6	4	10	13.0
P4	160	75	70ft	6	4	10	13.0
Total				22	14	36	46.8

N2-43HV
GEN 3 FULL-HV

N2HV

360' x 300' Open Field
275 points at z=0, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

HORIZONTAL PLATE	mm
Average	27
Maximum	35
Minimum	16
Avg/Min	1.71
Max/Min	2.19
Coef Var	0.16
UnifGrad	1.82

150' Spill Line
84 points at z=3, sp 15ft by 15ft
HORIZONTAL FOOTCANDLES

	Value
Average	0.36
Maximum	1.31
Minimum	0.11
Avg:Min	3.26
Max:Min	11.91
Coef Var	0.86
UnifGrad	0.80

The logo for Qualite Sports Lighting, LLC. It features the word "Qualite" in a large, bold, green sans-serif font. A small, five-pointed green star is positioned above the letter "i". Below "Qualite", the words "SPORTS LIGHTING, LLC" are written in a smaller, green, all-caps sans-serif font.

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO QUALE SPORTS LIGHTING LLC AND IS NOT TO BE REVEALED OR DISTRIBUTED TO OTHERS WITHOUT THE PERMISSION OF QUALE SPORTS LIGHTING LLC. OR USED IN ANY MANNER DEDIMENTAL TO THE INTEREST OF QUALE SPORTS LIGHTING LLC.

**GUARANTEE IS BASED ON PROPER
INSTALLATION, MINIMUM INPUT
VOLTAGES, MOUNTING HEIGHT
+/- 3 FEET, AND POLES PLACED
WITHIN 4 FEET OF SPECIFIED
LOCATIONS. POLES TO COMPLY
WITH CURRENT AASHTO STANDARDS**

WWW.QUALITE.COM

GC-1200WC-1	QL-22003D1-A		
COLORADO PARK			
LOUISVILLE, KENTUCKY			
LD	1"=125'	5-11-2022	1 OF 1



Project: Colorado Park

Date: 5/16/2022

Location: Kentucky

QL#: 22003D1-SF6321

Quotation

Qualite Lighting GAMECHANGER™ Q-LED System Price, As Detailed Below

\$227,706

Sales tax is not included as part of this quotation.

Option 1: Open Field with Steel Poles

Colorado Park
Louisville, Kentucky

A sports lighting project on one (1) open field at Colorado Park in Louisville, Kentucky

A 27 Foot Candle LED design on the one (1) 360' x 300' open field

Four (4) 70' MH galvanized steel sports lighting poles.
EPA of 18. 90 MPH per AASTHO 2013

This proposal includes Poles in the Air Installation

System Includes

LOT	-	GameChanger Gen 3 Full fixtures pre-aimed, pre-wired and fully assembled on light stanchion. UL Listed driver/distribution cabinet fully assembled, wired and mounted 10' above grade.
1	-	Field Audit
LOT	-	GameChanger Half Visor
1	-	25 years Maintenance Free Warranty
1	-	Pole-In-Air Installation of GameChanger Lighting and Lighting Poles <ul style="list-style-type: none">• Installation of (*4*) poles and (*36*) related fixtures• Foundation size to be determined• Typical soil/no casing included• Proposal includes offloading, assembly and installation of lighting equipment.• If geo-tech soil reports are not available from the owner, Qualite can offer these services at an additional cost. If geo-tech is not desirable, the owner will be required to execute a typical soil disclaimer.• Foundations priced into this proposal are based off normal soils. No rock, debris, high water table or impassable materials are included in this cost. If rock or soil that requires casing or mudding is encountered, an additional \$6,500 per pole will be charged. If rocks are encountered, an additional \$500 per foot will be charged.• All necessary labor, equipment, insurance and misc material is included.• Labor is non-union and is based off Fair Labor Rates.• Price based on site access sun-up to sun-down, 7 days a week with no work stoppage.• Price based off one mobilization.• Owner to provide adequate access to site.• Due to size and weight of construction equipment, any damage to site due to construction is not included. This includes but is not limited to sod/grass, landscaping, irrigation, curbs, asphalt, concrete, etc.• Site electrical, Conduit, distribution panels by others.• Pole wiring harness and pole disconnects are included and installed under this agreement.• No permits, license or utility costs are included.
1	-	On/Off LCC Dimmer Switch with Bell Box



Project: Colorado Park

Date: 5/16/2022

Location: Kentucky

QL#: 22003D1-SF6321

- 1 - Q-LED Wireless Controls: DLC-Listed; verified and approved by SSL Labs; and UL2900-01-Listed; first networked lighting control system listed for Cyber security. Download the Lightcloud app from Google Play or the App Store
- 1 - Foundation Design
- 4 - Disconnect Safety Breaker
- 4 - 70' MH Galvanizes steel, exposed, above-grade, concrete-encased sports lighting pole. EPA of 18. 90 MPH per AASTHO 2013.

Controls/Warranty/Shortages/Freight Damage/Replacement Parts

- **Controls:** If the invoice is not paid in full in 30 days, the controls will be deactivated and there will be a \$1,900 reactivation fee.
- **Warranty:** Outstanding invoices, in excess of 90 days, shall temporarily void all warranties until invoice is paid in full unless other terms are agreed upon by all parties. Damage or misalignment caused by vandalism, abuse, adverse weather conditions, twisting or improper installation of poles will not be warrantied.
- **Shortages/Freight Damage:** In the event there is a piece shortage or damage at the time of delivery, the Bill of Lading or Freight Receipt must be signed short/damaged or Qualite Sports Lighting, LLC cannot guarantee that parts can be replaced on a no-charge basis. Any hidden shortages will be handled directly from Qualite Sports Lighting, LLC. Hidden shortages must be reported within 10 days, in written form, after receipt of shipment. Replacement parts will be shipped by common carrier only. Expedited delivery is the responsibility of the customer. Qualite Sports Lighting, LLC cannot be responsible for back-charges due to damages, delays, construction schedules, shortages or expedited delivery service.
- **Replacement Parts:** Any damaged or shortage parts will be replaced directly from Qualite Sports Lighting, LLC. Back-charges for locally-purchased replacement parts will not be honored without prior Qualite Sports Lighting, LLC written authorization.

Cooperative Purchasing

- **COSTARS:** The Commonwealth of Pennsylvania's Cooperative Purchasing Program. www.costars.state.pa.us. Contract: COSTARS-14-216.
- **TIPS:** The Interlocal Purchasing System. www.tips-usa.com. Contracts: Trades, Labor and Materials (JOC), 170201; Lighting Systems, Parts and Installations, 18060201; and Lighting Systems, Parts and Installations (JOC), 18060202.

Design Disclaimer

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- Guaranteed for the rated life of the lamp within +/- 10% of the light level indicated. Based on the proper installation, voltage +/- 3%, pole placement and mounting height within 3 feet of specified location and height. Poles to comply with current AASTHO Standards.
- Individual points may vary from predictions. Uniformities guaranteed to meet the IESNA's recommendation (unless shown higher due to design criteria).

Quote and Payment Terms/Delivery of Products

This quote is valid for 30 days.

The price of concrete poles is also good for 90 days. The price of steel poles is good for 30 days because of changing steel and tariff charges. Thirty percent (30%) of the purchase price will be required at the time of order placement and the balance is due 30 days from date of the invoice. A late payment fee of 1.5% per month or 18% annual interest will be charged on accounts 30 days or more past due. All invoices are due within payment terms, regardless of construction schedules or other delays, unless prior arrangements have been made in writing. For orders outside the United States of America, payment terms are fifty percent (50%) down in U.S. dollars via wire transfer and balance is to be paid in full prior to shipping. Any order under \$10,000 must be paid in full prior to shipment of products.

Delivery of Qualite Sports Lighting products should be expected eight (8) to ten (10) weeks from signed submittal release unless prior arrangements have been made.



Project: Colorado Park

Date: 5/16/2022

Location: Kentucky

QL#: 22003D1-SF6322

Quotation

Qualite Lighting GAMECHANGER™ Q-LED System Price, As Detailed Below

\$218,977

Sales tax, labor, unloading and install of equipment is not included as part of this quotation.

Option 2: Open Field with Concrete Poles

**Colorado Park
Louisville, Kentucky**

A sports lighting project on one (1) open field at Colorado Park in Louisville, Kentucky

A 27 Foot Candle LED design on the one (1) 360' x 300' open field

Four (4) 70' MH prestressed, dodecagonal sports lighting poles.
EPA of 18. 90 MPH per AASTHO 2013

This proposal includes Poles in the Air Installation

System Includes

LOT - GameChanger Gen 3 Full fixtures pre-aimed, pre-wired and fully assembled on light stanchion. UL Listed driver/distribution cabinet fully assembled, wired and mounted 10' above grade.

1 - Field Audit

LOT - GameChanger Half Visor

1 - 25 years Maintenance Free Warranty

1 - Pole-In-Air Installation of GameChanger Lighting and Lighting Poles

- Installation of (*4*) poles and (*36*) related fixtures
- Foundation size to be determined
- Typical soil/no casing included
- Proposal includes offloading, assembly and installation of lighting equipment.
- If geo-tech soil reports are not available from the owner, Qualite can offer these services at an additional cost. If geo-tech is not desirable, the owner will be required to execute a typical soil disclaimer.
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- All necessary labor, equipment, insurance and misc material is included.
- Labor is non-union and is based off Fair Labor Rates.
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Project: Colorado Park

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QL#: 22003D1-SF6322

- 1 - On/Off LCC Dimmer Switch with Bell Box
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