

Tatlock Park Multipurpose Fields

Summit, NJ

LIGHTING SYSTEM

Structure/Fixture Summary

| Structure ID | Structure Height | Fixt. Attachment Ht. | Fixture Qty | Fixture Type | Load | Circuit |
|--------------|------------------|----------------------|-------------|---|----------|---------|
| F1-F2 | 80' | 80' | 2 | TLC-LED-1500 TLC-LED-1500 TLC-BT-575 | 2.82 kW | B |
| | | 80' | 6 | | 8.46 kW | A |
| | | 16' | 2 | | 1.15 kW | A |
| F3-F4 | 70' | 70' | 2 | TLC-LED-1500 TLC-LED-1500 TLC-LED-550 TLC-BT-575 | 2.82 kW | B |
| | | 70' | 5 | | 7.05 kW | A |
| | | 60' | 1 | | 0.54 kW | D |
| | | 16' | 2 | | 1.15 kW | A |
| S1 | 70' | 70' | 1 | TLC-LED-1200 TLC-LED-1500 TLC-LED-900 | 1.17 kW | C |
| | | 70' | 3 | | 4.23 kW | C |
| | | 70' | 3 | | 2.64 kW | C |
| S2 | 70' | 70' | 3 | TLC-LED-1200 TLC-LED-1500 | 3.51 kW | C |
| | | 70' | 4 | | 5.64 kW | C |
| S3 | 80' | 80' | 3 | TLC-LED-1200 TLC-LED-1500 | 3.51 kW | C |
| | | 80' | 4 | | 5.64 kW | C |
| | | 80' | 1 | | 1.17 kW | C |
| S4 | 80' | 80' | 3 | TLC-LED-1200 TLC-LED-1500 TLC-LED-900 | 4.23 kW | C |
| | | 80' | 3 | | 2.64 kW | C |
| | | 80' | 68 | | 82.36 kW | |
| 8 | | | | | | |

Circuit Summary

| Circuit | Description | Load | Fixture Qty |
|---------|-----------------|----------|-------------|
| A | Investors Field | 35.62 kW | 30 |
| B | Walking Track | 11.28 kW | 8 |
| C | Upper Field | 34.38 kW | 28 |
| D | Walkway | 1.08 kW | 2 |

Fixture Type Summary

| Type | Circuit | Source | Wattage | Lumens | L90 | L80 | L70 | Quantity |
|--------------|---------|--------------------|---------|---------|----------|----------|----------|----------|
| TLC-BT-575 | A | LED 5700K - 75 CRI | 575W | 52,000 | >120,000 | >120,000 | >120,000 | 8 |
| TLC-LED-1200 | C | LED 5700K - 75 CRI | 1170W | 150,000 | >120,000 | >120,000 | >120,000 | 8 |
| TLC-LED-1500 | A | LED 5700K - 75 CRI | 1410W | 181,000 | >120,000 | >120,000 | >120,000 | 22 |
| TLC-LED-1500 | B | LED 5700K - 75 CRI | 1410W | 181,000 | >120,000 | >120,000 | >120,000 | 8 |
| TLC-LED-1500 | C | LED 5700K - 75 CRI | 1410W | 181,000 | >120,000 | >120,000 | >120,000 | 13 |
| TLC-LED-1500 | C | LED 5700K - 90 TYP | 1410W | 148,420 | >120,000 | >120,000 | >120,000 | 1 |
| TLC-LED-550 | D | LED 5700K - 75 CRI | 540W | 67,000 | >120,000 | >120,000 | >120,000 | 2 |
| TLC-LED-900 | C | LED 5700K - 75 CRI | 880W | 104,000 | >120,000 | >120,000 | >120,000 | 6 |

Single Fixture Amperage Draw Chart

| Driver Specifications (.90 min power factor) | | Line Amperage Per Fixture (max draw) | | | | | | |
|---|--|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Single Phase Voltage | | 208 (60) | 220 (60) | 240 (60) | 277 (60) | 347 (60) | 380 (60) | 480 (60) |
| TLC-LED-1500 | | 8.4 | 7.9 | 7.3 | 6.3 | 5.0 | 4.6 | 3.6 |
| TLC-LED-1200 | | 6.9 | 6.5 | 6.0 | 5.2 | 4.2 | 3.8 | 3.0 |
| TLC-LED-900 | | 5.2 | 4.9 | 4.5 | 3.9 | 3.1 | 2.9 | 2.3 |
| TLC-BT-575 | | 3.3 | 3.2 | 2.9 | 2.5 | 2.0 | 1.8 | 1.5 |
| TLC-LED-550 | | 3.2 | 3.0 | 2.8 | 2.4 | 1.9 | 1.8 | 1.4 |

Light Level Summary

| Grid Name | Calculation Metric | Illumination Ave | | | | | Circuits | Fixture Qty |
|-----------------------|---------------------------------|------------------|------|---------|----------|---------|----------|-------------|
| | | Ave | Min | Max | Max/Min | Ave/Min | | |
| Home Bleacher | Horizontal | 9.57 | 4 | 22 | 5.48 | 2.41 | A,B | 38 |
| Investors Field | Horizontal Illuminance | 52.28 | 39 | 66 | 1.67 | 1.32 | A,B | 38 |
| Property Spill @ 3ft. | Horizontal Illuminance | 0.0076 | 0.00 | 0.05 | - | - | A,B,C,D | 68 |
| Property Spill @ 5ft. | Max Candela Metric | 715.3395 | 3.58 | 4763.77 | 1328.938 | 199.557 | A,B,C,D | 68 |
| Property Spill @ 5ft. | Max Vertical Illuminance Metric | 0.0186 | 0.00 | 0.11 | - | - | A,B,C,D | 68 |
| Track | Horizontal Illuminance | 7.96 | 1 | 21 | 24.35 | 9.42 | B | 8 |
| Upper field | Horizontal Illuminance | 50.49 | 30 | 61 | 2.08 | 1.71 | C | 28 |
| Visitor Bleacher | Horizontal | 7.54 | 5 | 12 | 2.53 | 1.61 | A,B | 38 |
| Walkway | Horizontal | 5.57 | 0 | 11 | 35.60 | 17.70 | D | 2 |
| Zero FC Grid | Horizontal | 3.07 | 0 | 71 | - | - | A,B,C,D | 68 |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



| Equipment List For Areas Shown | | | | | | | | | |
|--------------------------------|--------------|------|-----------------|-------------------|--------------|----------|-----------|-------------|--------|
| Structure | | | | Fixtures | | | | | |
| QTY | STRUCTURE ID | SIZE | GRADE ELEVATION | ABOVE FIELD LEVEL | Fixture Type | QTY/POLE | THIS GRID | OTHER GRIDS | |
| 1 | F1 | 80' | 3' | 83' | TLC-LED-1500 | 8 | 8 | 0 | |
| | | | | 18.5' | TLC-BT-575 | 2 | 2 | 0 | |
| 1 | F2 | 80' | - | 80' | TLC-LED-1500 | 8 | 8 | 0 | |
| | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 | |
| 2 | F3-F4 | 70' | - | 70' | TLC-LED-1500 | 7 | 7 | 0 | |
| | | | | 60' | TLC-LED-550 | 1 | 0 | 1 | |
| 4 | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 | |
| | | | | | | | | | Totals |
| | | | | | | 40 | 38 | 2 | |

Above Field Level is height of fixtures above area shown



SCALE IN FEET 1 : 50

0' 50' 100'

ENGINEERED DESIGN By: D.Abbott • File #116226E • 06-Aug-25

Pole location(s) ⊕ dimensions are relative
to 0,0 reference point(s) ☒

Tatlock Park Multipurpose Fields

Summit, NJ

Grid Summary

| | |
|----------|------------------|
| Name: | Investors Field |
| Size: | 360' x 160' |
| Spacing: | 30.0' x 30.0' |
| Height: | 3.0' above grade |

Illumination Summary

MAINTAINED HORIZONTAL FOOTCANDLES

| | |
|---------------------|----------|
| Entire Grid | 50 |
| Guaranteed Average | 50 |
| Scan Average: | 52.28 |
| Maximum: | 66 |
| Minimum: | 39 |
| Avg/Min: | 1.32 |
| Guaranteed Max/Min | 2 |
| Max/Min: | 1.67 |
| UG (adjacent pts) | 1.67 |
| CU: | 0.58 |
| No. of Points: | 72 |
| Fixture Information | |
| Applied Circuits: | A,B |
| No. of Fixtures: | 38 |
| Total Load: | 46.90 kW |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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ILLUMINATION SUMMARY

Equipment List For Areas Shown

| QTY | STRUCTURE ID | SIZE | GRADE ELEVATION | Fixtures | | | | |
|--------|--------------|------|-----------------|-------------------|--------------|----------|-----------|-------------|
| | | | | Above Field Level | Fixture Type | QTY/Pole | This Grid | Other Grids |
| 1 | F1 | 80' | 3' | 83.0' | TLC-LED-1500 | 8 | 2 | 6 |
| | | | | 18.5' | TLC-BT-575 | 2 | 0 | 2 |
| 1 | F2 | 80' | - | 80' | TLC-LED-1500 | 8 | 2 | 6 |
| | | | | 15.5' | TLC-BT-575 | 2 | 0 | 2 |
| 2 | F3-F4 | 70' | - | 70' | TLC-LED-1500 | 7 | 2 | 5 |
| | | | | 60' | TLC-LED-550 | 1 | 0 | 1 |
| 4 | | | | 15.5' | TLC-BT-575 | 2 | 0 | 2 |
| | | | | | | | | |
| Totals | | | | 40 | 8 | 32 | | |

Above Field Level is height of fixtures above area shown



SCALE IN FEET 1 : 60



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 Pole location(s) dimensions are relative
to 0,0 reference point(s)

Tatlock Park Multipurpose Fields

Summit, NJ

Grid Summary

| | |
|----------|------------------|
| Name: | Track |
| Size: | Irregular |
| Spacing: | 30.0' x 30.0' |
| Height: | 3.0' above grade |

Illumination Summary

| MAINTAINED HORIZONTAL FOOTCANDLES | |
|-----------------------------------|----------|
| Entire Grid | |
| Scan Average: | 7.96 |
| Maximum: | 21 |
| Minimum: | 1 |
| Avg/Min: | 9.42 |
| Max/Min: | 24.35 |
| UG (adjacent pts): | 0.00 |
| CU: | 0.22 |
| No. of Points: | 44 |
| Fixture Information | |
| Applied Circuits: | B |
| No. of Fixtures: | 8 |
| Total Load: | 11.28 kW |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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ILLUMINATION SUMMARY

Equipment List For Areas Shown

| Structure | | | | Fixtures | | | | |
|-----------|--------------|------|-----------------|-------------------|--------------|----------|-----------|-------------|
| QTY | STRUCTURE ID | SIZE | GRADE ELEVATION | ABOVE FIELD LEVEL | Fixture Type | QTY/POLE | THIS GRID | OTHER GRIDS |
| 1 | F1 | 80' | 3' | 83' | TLC-LED-1500 | 8 | 8 | 0 |
| | | | | 18.5' | TLC-BT-575 | 2 | 2 | 0 |
| 1 | F2 | 80' | - | 80' | TLC-LED-1500 | 8 | 8 | 0 |
| | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 |
| 2 | F3-F4 | 70' | - | 70' | TLC-LED-1500 | 7 | 7 | 0 |
| | | | | 60' | TLC-LED-550 | 1 | 0 | 1 |
| 4 | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 |
| | | | | | | | | |
| Totals | | | | | | 40 | 38 | 2 |

Above Field Level is height of fixtures above area shown



SCALE IN FEET 1 : 30



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Pole location(s) dimensions are relative to 0,0 reference point(s)

Tatlock Park Multipurpose Fields

Summit, NJ

Grid Summary

 Name: Home Bleacher
 Size: 360' x 160'
 Spacing: 10.0' x 10.0'
 Height: 3.0' above grade

Illumination Summary

| MAINTAINED HORIZONTAL FOOTCANDLES | |
|-----------------------------------|----------|
| Entire Grid | 9.57 |
| Scan Average | 9.57 |
| Maximum: | 22 |
| Minimum: | 4 |
| Avg/Min: | 2.41 |
| Max/Min: | 5.48 |
| UG (adjacent pts): | 1.57 |
| CU: | 0.01 |
| No. of Points: | 60 |
| Fixture Information | |
| Applied Circuits: | A,B |
| No. of Fixtures: | 38 |
| Total Load: | 46.90 kW |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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ILLUMINATION SUMMARY

Equipment List For Areas Shown

| QTY | STRUCTURE ID | SIZE | GRADE ELEVATION | Fixtures | | | | |
|-----|--------------|------|-----------------|-------------------|--------------|----------|-----------|-------------|
| | | | | ABOVE FIELD LEVEL | Fixture Type | QTY/POLE | THIS GRID | OTHER GRIDS |
| 1 | F1 | 80' | 3' | 83' | TLC-LED-1500 | 8 | 8 | 0 |
| | | | | 18.5' | TLC-BT-575 | 2 | 2 | 0 |
| 1 | F2 | 80' | - | 80' | TLC-LED-1500 | 8 | 8 | 0 |
| | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 |
| 2 | F3-F4 | 70' | - | 70' | TLC-LED-1500 | 7 | 7 | 0 |
| | | | | 60' | TLC-LED-550 | 1 | 0 | 1 |
| 4 | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 |
| | | | | | | 40 | 38 | 2 |

Above Field Level is height of fixtures above area shown

Tatlock Park Multipurpose Fields

Summit, NJ

Grid Summary

Name: Visitor Bleacher
Size: 360' x 160'
Spacing: 10.0' x 10.0'
Height: 3.0' above grade

Illumination Summary

| MAINTAINED HORIZONTAL FOOTCANDLES | |
|-----------------------------------|----------|
| Entire Grid | |
| Scan Average: | 7.54 |
| Maximum: | 12 |
| Minimum: | 5 |
| Avg/Min: | 1.61 |
| Max/Min: | 2.53 |
| UG (adjacent pts): | 1.67 |
| CU: | 0.00 |
| No. of Points: | 20 |
| Fixture Information | |
| Applied Circuits: | A,B |
| No. of Fixtures: | 38 |
| Total Load: | 46.90 kW |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

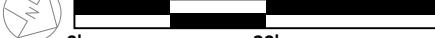
Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



SCALE IN FEET 1 : 20



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Pole location(s) dimensions are relative to 0,0 reference point(s)

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ILLUMINATION SUMMARY

Tatlock Park Multipurpose Fields

Summit, NJ

Grid Summary

Name: Walkway
Size: 360' x 160'
Spacing: 30.0' x 10.0'
Height: 3.0' above grade

Illumination Summary

| MAINTAINED HORIZONTAL FOOTCANDLES | |
|-----------------------------------|---------|
| Entire Grid | 5.57 |
| Scan Average | 5.57 |
| Maximum: | 11 |
| Minimum: | 0 |
| No. of Points: | 11 |
| Fixture Information | |
| Applied Circuits: | D |
| No. of Fixtures: | 2 |
| Total Load: | 1.08 kW |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



SCALE IN FEET 1 : 40
Pole location(s) \oplus dimensions are relative
to 0,0 reference point(s) \otimes

0' 40' 80'
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ILLUMINATION SUMMARY

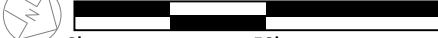
Equipment List For Areas Shown

| QTY | STRUCTURE ID | SIZE | GRADE ELEVATION | Fixtures | | | | |
|-----|--------------|------|-----------------|-------------------|--------------|----------|-----------|-------------|
| | | | | ABOVE FIELD LEVEL | Fixture Type | QTY/POLE | This Grid | Other Grids |
| 1 | S1 | 70' | - | 70' | TLC-LED-1200 | 1 | 1 | 0 |
| | | | | 70' | TLC-LED-1500 | 3 | 3 | 0 |
| | | | | 70' | TLC-LED-900 | 3 | 3 | 0 |
| 1 | S2 | 70' | - | 70' | TLC-LED-1200 | 3 | 3 | 0 |
| | | | | 70' | TLC-LED-1500 | 4 | 4 | 0 |
| | | | | 73.0' | TLC-LED-1200 | 3 | 3 | 0 |
| 1 | S3 | 80' | -7' | 73.0' | TLC-LED-1500 | 4 | 4 | 0 |
| | | | | 73.0' | TLC-LED-1500 | 3 | 3 | 0 |
| | | | | 73.0' | TLC-LED-900 | 3 | 3 | 0 |
| 1 | S4 | 80' | -7' | 73.0' | TLC-LED-1200 | 1 | 1 | 0 |
| | | | | 73.0' | TLC-LED-1500 | 3 | 3 | 0 |
| | | | | 73.0' | TLC-LED-900 | 3 | 3 | 0 |
| | | | | Totals | | 28 | 28 | 0 |

Above Field Level is height of fixtures above area shown



SCALE IN FEET 1 : 50



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 Pole location(s)  dimensions are relative to 0,0 reference point(s) 
Tatlock Park Multipurpose Fields

Summit, NJ

Grid Summary

| | |
|----------|------------------|
| Name: | Upper field |
| Size: | 330' x 195' |
| Spacing: | 30.0' x 30.0' |
| Height: | 3.0' above grade |

Illumination Summary

| MAINTAINED HORIZONTAL FOOTCANDLES | |
|-----------------------------------|----------|
| Entire Grid | 50 |
| Guaranteed Average | 50 |
| Scan Average: | 50.49 |
| Maximum: | 61 |
| Minimum: | 30 |
| Avg/Min: | 1.71 |
| Guaranteed Max/Min: | 2.5 |
| Max/Min: | 2.08 |
| UG (adjacent pts): | 1.84 |
| CU: | 0.81 |
| No. of Points: | 77 |
| Fixture Information | |
| Applied Circuits: | C |
| No. of Fixtures: | 28 |
| Total Load: | 34.38 kW |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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ILLUMINATION SUMMARY

Equipment List For Areas Shown

| QTY | STRUCTURE ID | SIZE | GRADE ELEVATION | Fixtures | | | | |
|-----|--------------|------|-----------------|-------------------|--------------|----------|-----------|-------------|
| | | | | ABOVE FIELD LEVEL | Fixture Type | QTY/POLE | This Grid | Other Grids |
| 1 | F1 | 80' | 3' | 83' | TLC-LED-1500 | 8 | 8 | 0 |
| | | | | 18.5' | TLC-BT-575 | 2 | 2 | 0 |
| 1 | F2 | 80' | - | 80' | TLC-LED-1500 | 8 | 8 | 0 |
| | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 |
| 2 | F3-F4 | 70' | - | 70' | TLC-LED-1500 | 7 | 7 | 0 |
| | | | | 60' | TLC-LED-550 | 1 | 1 | 0 |
| | | | | 15.5' | TLC-BT-575 | 2 | 2 | 0 |
| 1 | S1 | 70' | 27' | 97' | TLC-LED-1200 | 1 | 1 | 0 |
| | | | | 97' | TLC-LED-1500 | 3 | 3 | 0 |
| | | | | 97' | TLC-LED-900 | 3 | 3 | 0 |
| 1 | S2 | 70' | 27' | 97' | TLC-LED-1200 | 3 | 3 | 0 |
| | | | | 97' | TLC-LED-1500 | 4 | 4 | 0 |
| 1 | S3 | 80' | 20' | 100.0' | TLC-LED-1200 | 3 | 3 | 0 |
| | | | | 100.0' | TLC-LED-1500 | 4 | 4 | 0 |
| 1 | S4 | 80' | 20' | 100.0' | TLC-LED-1200 | 1 | 1 | 0 |
| | | | | 100.0' | TLC-LED-1500 | 3 | 3 | 0 |
| | | | | 100.0' | TLC-LED-900 | 3 | 3 | 0 |
| 8 | Totals | | | 68 | 68 | 0 | | |

Above Field Level is height of fixtures above area shown


Tatlock Park Multipurpose Fields

Summit, NJ

Grid Summary

 Name: Property Spill @ 3ft.
 Spacing: 30.0'
 Height: 3.0' above grade

Illumination Summary

| INITIAL HORIZONTAL FOOTCANDLES | |
|--------------------------------|----------|
| Entire Grid | 0.00 |
| Scan Average: | 0.00 |
| Maximum: | 0 |
| Minimum: | 0 |
| CU: | 0.00 |
| No. of Points: | 52 |
| Fixture Information | |
| Applied Circuits: | A,B,C,D |
| No. of Fixtures: | 68 |
| Total Load: | 82.36 kW |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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ILLUMINATION SUMMARY

Tatlock Park Multipurpose Fields

Summit, NJ

Equipment Layout

INCLUDES:

- Investors Field
- Track
- Upper field

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

Equipment List For Areas Shown

| QTY | STRUCTURE ID | SIZE | GLOBAL ELEVATION | Fixtures | |
|-----|--------------|------|------------------|---------------------|----------|
| | | | | Fixture Type | Qty/Pole |
| 1 | F1 | 80' | 3' | 83' TLC-LED-1500 | 8 |
| | | | | 18.5' TLC-BT-575 | 2 |
| 1 | F2 | 80' | - | 80' TLC-LED-1500 | 8 |
| | | | | 15.5' TLC-BT-575 | 2 |
| 2 | F3-F4 | 70' | - | 70' TLC-LED-1500 | 7 |
| | | | | 60' TLC-LED-550 | 1 |
| | | | | 15.5' TLC-BT-575 | 2 |
| 1 | S1 | 70' | 27' | 97' TLC-LED-1200 | 1 |
| | | | | 97' TLC-LED-1500 | 3 |
| | | | | 97' TLC-LED-900 | 3 |
| 1 | S2 | 70' | 27' | 97' TLC-LED-1200 | 3 |
| | | | | 97' TLC-LED-1500 | 4 |
| 1 | S3 | 80' | 20' | 100.0' TLC-LED-1200 | 3 |
| | | | | 100.0' TLC-LED-1500 | 4 |
| 1 | S4 | 80' | 20' | 100.0' TLC-LED-1200 | 1 |
| | | | | 100.0' TLC-LED-1500 | 3 |
| | | | | 100.0' TLC-LED-900 | 3 |
| 8 | | | | Totals | 68 |

Above Global Level is height of fixtures above design (0,0,0)

Single Fixture Amperage Draw Chart

| Driver Specifications (.90 min power factor) | Line Amperage Per Fixture (max draw) | | | | | |
|---|---|----------|----------|----------|----------|----------|
| | 208 (60) | 220 (60) | 240 (60) | 277 (60) | 347 (60) | 380 (60) |
| Single Phase Voltage | 8.4 | 7.9 | 7.3 | 6.3 | 5.0 | 4.6 |
| TLC-LED-1500 | 8.4 | 7.9 | 7.3 | 6.3 | 5.0 | 4.6 |
| TLC-LED-1200 | 6.9 | 6.5 | 6.0 | 5.2 | 4.2 | 3.8 |
| TLC-LED-900 | 5.2 | 4.9 | 4.5 | 3.9 | 3.1 | 2.9 |
| TLC-BT-575 | 3.3 | 3.2 | 2.9 | 2.5 | 2.0 | 1.8 |
| TLC-LED-550 | 3.2 | 3.0 | 2.8 | 2.4 | 1.9 | 1.8 |
| | 3.6 | 3.0 | 2.3 | 1.5 | 1.4 | 1.4 |

