APPENDIX B

Photometric Study

Mountain View HS Football

Mountain View, CA

Lighting System

Pole / Fixture Summary										
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit				
F1	90'	90'	4	TLC-LED-1500	5.72 kW	Α				
		90'	6	TLC-LED-900	5.34 kW	Α				
		80'	1	TLC-LED-400	0.40 kW	В				
F2	90'	90'	4	TLC-LED-1500	5.72 kW	Α				
		90'	6	TLC-LED-900		А				
		80'	1	TLC-LED-400		В				
		80'	1	TLC-LED-900	0.89 kW	В				
F3	90'	90'	6	TLC-LED-1500		Α				
		90'	2	TLC-LED-900	1.78 kW	А				
		80'	1	TLC-LED-400	0.40 kW	В				
		80'	1	TLC-LED-900	0.89 kW	В				
F4	90'	90'	6	TLC-LED-1500	8.58 kW	Α				
		90'	2	TLC-LED-900	1.78 kW	А				
		80'	1	TLC-LED-400	0.40 kW	В				
4			42		46.22 kW					

Circuit Summary								
Circuit	Description	Load	Fixture Qty					
Α	Football	42.84 kW	36					
В	Egress	3.38 kW	6					

Fixture Type Summary									
Туре	Source	Wattage	Lumens	L90	L80	L70	Quantity		
TLC-LED-1500	LED 5700K - 75 CRI	1430W	160,000	>81,000	>81,000	>81,000	20		
TLC-LED-900	LED 5700K - 75 CRI	890W	89,600	>81,000	>81,000	>81,000	18		
TLC-LED-400	LED 5700K - 75 CRI	400W	46,500	>81,000	>81,000	>81,000	4		

Light Level Summary

Calculation Grid Summary										
Grid Name	Calculation Metric			Illumination			Circuits	Fixture Qty		
0.10.110.110		Ave	Min	Max	Max/Min	Ave/Min	on ounto	· ixtuio Qty		
Bleachers	Horizontal Illuminance	0	0	0	0.00		В	6		
East Bleachers	Horizontal Illuminance	9.77	7	13	1.83	1.40	А	36		
Egress	Horizontal	2.72	0	7	301.85		В	6		
Football	Horizontal Illuminance	41	31	47	1.49	1.32	Α	36		
Path of Egress #1	Horizontal	3.88	1.64	7.53	4.59	2.37	В	6		
Path of Egress #2	Horizontal	3.76	1.47	6.93	4.70	2.56	В	6		
Property Spill	Horizontal	0.01	0	0.06	0.00		A,B	42		
Property Spill	Max Candela (by Fixture)	492	0	1598	0.00		A,B	42		
Property Spill	Max Vertical Illuminance Metric	0.01	0	0.08	0.00		A,B	42		
Soccer	Horizontal Illuminance	40.1	30	47	1.55	1.34	Α	36		
Track	Horizontal Illuminance	16.6	1	33	62.63	16.63	А	36		
West Bleachers	Horizontal Illuminance	5.91	1	11	7.38	5.91	В	6		

From Hometown to Professional











EQUIPMENT LIST FOR AREAS SHOWN LOCATION 86' TLC-LED-400 TLC-LED-1500 TLC-LED-900 86' 86' TLC-LED-400 TLC-LED-900 TLC-LED-1500 TLC-LED-900 80' 80' 90' TLC-LED-400 TLC-LED-900 TLC-LED-1500 TLC-LED-900 TLC-LED-400 90' 80' TLC-LED-1500 137 F2 4009 37 ⊲2 0 SCALE IN FEET 1:60

Mountain View HS Football

Mountain View, CA

ILLUMINATION SUMMARY								
MAINTAINED HORIZONTAL FOOTCANDLES								
	Entire Grid							
Guaranteed Average:	40							
Scan Average:	41.00							
Maximum:	47							
Minimum:	31							
Avg / Min:	1.30							
Guaranteed Max / Min:	2.5							
Max / Min:	x / Min: 1.49							
UG (adjacent pts):	1.27							
CU:	0.58							
No. of Points:	72							
LUMINAIRE INFORMATIO	N							
Color / CRI:	5700K - 75 CF	RI						
Luminaire Output:	160,000 / 89,	600 lumens						
No. of Luminaires:								
Total Load:	42.84 kW							
		Lum	en Maintenance					
Luminaire Type	L90 hrs	L80 hrs	L70 hrs					
TLC-LED-1500	>81,000	>81,000	>81,000					
TLC-LED-900	>81,000	>81,000	>81,000					
Reported per TM-21-11.	Reported per TM-21-11. See luminaire datasheet for details.							

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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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EQUIPMENT LIST FOR AREAS SHOWN LOCATION 86' TLC-LED-400 TLC-LED-1500 TLC-LED-900 90' 86' 86' TLC-LED-400 TLC-LED-900 TLC-LED-1500 TLC-LED-900 80' TLC-LED-400 80' TLC-LED-900 TLC-LED-1500 TLC-LED-900 90' 80' TLC-LED-400 TLC-LED-1500 137 V F2 45 31 SCALE IN FEET 1:60

ENGINEERED DESIGN By: Daniel Lohman • File #155795D • 02-Jan-20

Mountain View HS Football

Mountain View, CA

ILLUMINATION SUMMARY

GRID SUMMARY Name: Soccer Size: 355' x 195' Spacing: 30.0' x 30.0' Height: 3.0' above grade

Scan Average: Maximum: 47 Minimum: 1.33 Avg / Min: Max / Min: UG (adjacent pts): 1.31 CU: 0.66 No. of Points: 84 LUMINAIRE INFORMATION Color / CRI: 5700K - 75 CRI Luminaire Output: 160,000 / 89,600 lumens No. of Luminaires: 36 Total Load: 42.84 kW Lumen Maintenar L70 hrs Luminaire Type L90 hrs L80 hrs TLC-LED-1500 >81,000 >81,000 >81,000 TLC-LED-900 >81,000 >81,000 >81,000 Reported per TM-21-11. See luminaire datasheet for details

Guaranteed Performance: The ILLUMINATION described

above is guaranteed per your Musco Warranty document and includes a 0.95

dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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 LOCATION SIZE 86' TLC-LED-400 TLC-LED-1500 TLC-LED-900 F2 90' 86' 86' TLC-LED-400 TLC-LED-900 TLC-LED-1500 TLC-LED-900 80' TLC-LED-400 80' TLC-LED-900 TLC-LED-1500 TLC-LED-900 90' 80' TLC-LED-400 1 1 2 2 2 2 2 2 2 2 2 1 1 1 0 TLC-LED-1500 0 0 1 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 2 2 1 1 1 1 1 2 2 3 3 4 5 5 4 4 4 3 3 3 3 4 4 4 4 4 3 2 2 1 1 1 2 3 4 5 5 6 6 6 5 5 4 4 4 4 5 5 6 6 5 5 4 3 3 2 137 3 4 5 6 7 7 6 6 5 4 4 4 4 5 6 6 7 7 7 6 5 5 4 137 L ⊲30 √0 Z ⊲0 t 0 2⊳ 30⊳ 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 2 3 3 4 4 4 5 4 4 4 3 3 3 3 3 3 4 4 4 4 3 3 3 2 1 1 2 2 3 3 3 3 3 3 3 2 2 2 3 3 3 3 3 2 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 0 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 0 SCALE IN FEET 1:60

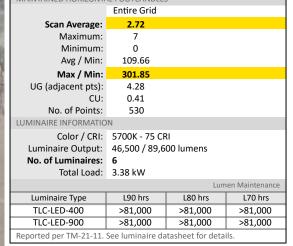
ENGINEERED DESIGN By: Daniel Lohman • File #155795D • 02-Jan-20

Mountain View HS Football

ILLUMINATION SUMMARY

Mountain View, CA

GRID SUMMARY Name: Egress Size: 360' x 160' Spacing: 10.0' x 10.0' Height: 3.0' above grade



Guaranteed Performance: The ILLUMINATION described

above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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 LOCATION 86' TLC-LED-400 TLC-LED-1500 TLC-LED-900 90' 86' 86' TLC-LED-400 TLC-LED-900 TLC-LED-1500 TLC-LED-900 80' TLC-LED-400 80' TLC-LED-900 TLC-LED-1500 TLC-LED-900 90' 80' TLC-LED-400 TLC-LED-1500 137 F2 23 26 23 29 18 16 19 23 29 22 27 26 12 12 30⊳ ⊲30 420 3 ⊲2 0 **⊲**3 0 30 26 29 29 25 26 29 28 27 SCALE IN FEET 1:60

ENGINEERED DESIGN By: Daniel Lohman • File #155795D • 02-Jan-20

Mountain View HS Football

Mountain View, CA

GRID SUMMARY Name: Track Size: Irregular Spacing: 30.0' x 30.0' Height: 3.0' above grade

ILLUMINATION SUMMARY Scan Average: Maximum: 33 Minimum: 31.20 Avg / Min: Max / Min: UG (adjacent pts): 0.00 CU: 0.16 No. of Points: 48 LUMINAIRE INFORMATION Color / CRI: 5700K - 75 CRI Luminaire Output: 160,000 / 89,600 lumens No. of Luminaires: 36 Total Load: 42.84 kW Lumen Maintenar L70 hrs Luminaire Type L90 hrs L80 hrs TLC-LED-1500 >81,000 >81,000 >81,000 TLC-LED-900 >81,000 >81,000 >81,000 Reported per TM-21-11. See luminaire datasheet for details

Guaranteed Performance: The ILLUMINATION described

above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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 LOCATION 86' TLC-LED-400 TLC-LED-1500 TLC-LED-900 F2 90' 86' TLC-LED-400 86' TLC-LED-900 TLC-LED-1500 TLC-LED-900 80' TLC-LED-400 80' TLC-LED-900 TLC-LED-1500 TLC-LED-900 90' 80' TLC-LED-400 TLC-LED-1500 8.4 9.8 10.3 9.7 8.1 6.4 5.0 3.4 2.1 1.6 1.5 2.0 3.2 A.5 5.8 7.2 8.7 10.0 F1 6.2 7.1 8.1 8.4 7.5 6.4 5.3 4.6 3.8 3.2 3.2 3.5 4.1 4.8 5.8 6.8 7.7 7.9 SCALE IN FEET 1:20 to 0,0 reference point(s) \otimes

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Mountain View HS Football

Mountain View, CA

GRID SUMMARY Name: West Bleachers Spacing: 10.0' x 10.0' Height: 7.6' above grade

ILLUMINATION SUMMARY Entire Grid Scan Average: Maximum: Minimum: Avg / Min: 4.01 Max / Min: 7.38 0.00 UG (adjacent pts): CU: 0.06 No. of Points: LUMINAIRE INFORMATION Color / CRI: 5700K - 75 CRI Luminaire Output: 46,500 / 89,600 lumens No. of Luminaires: 6 Total Load: 3.38 kW L70 hrs Luminaire Type L90 hrs L80 hrs TLC-LED-400 >81,000 >81,000 >81,000 TLC-LED-900 >81,000 >81,000 >81,000 Reported per TM-21-11. See luminaire datasheet for details.

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

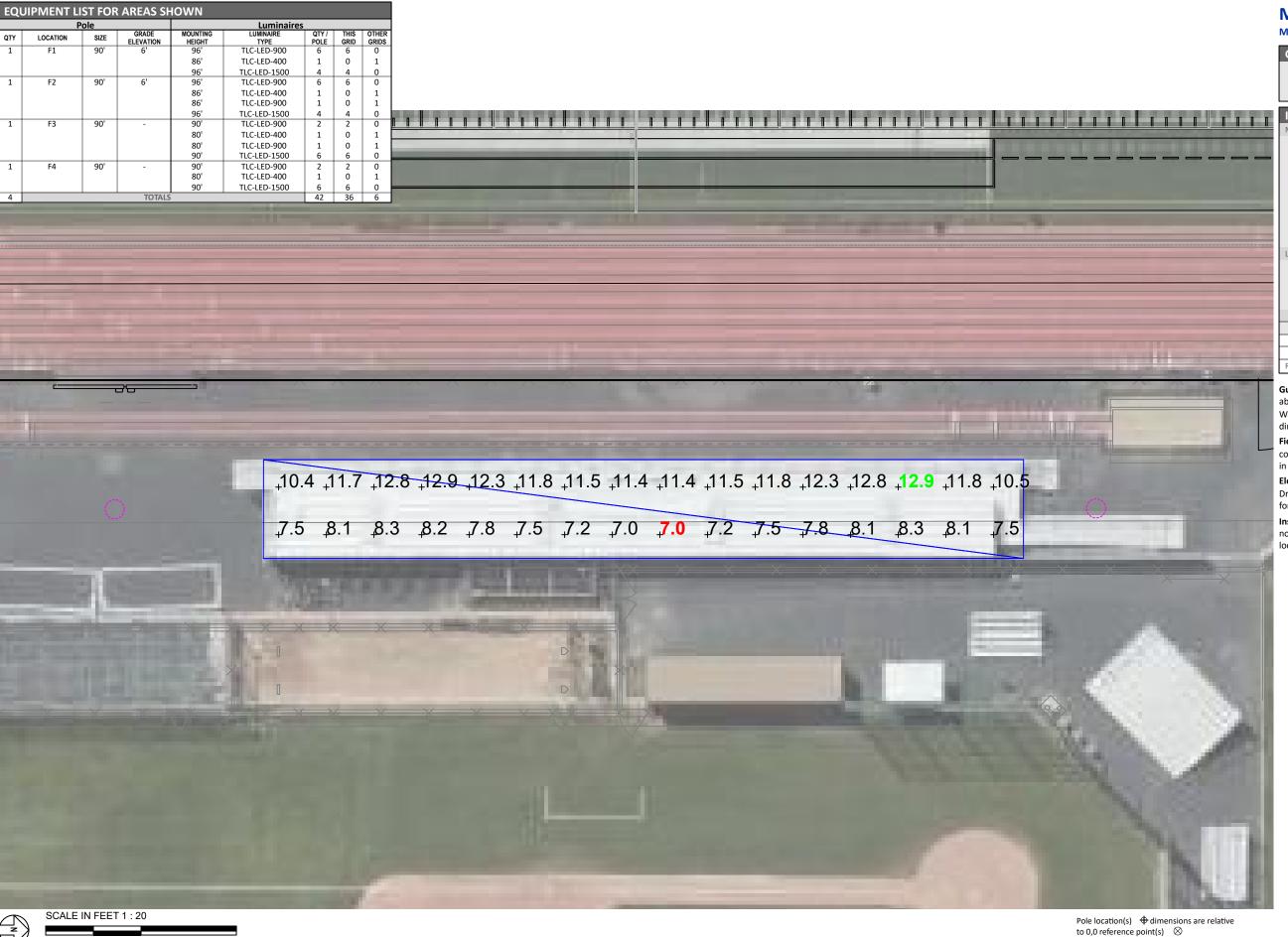
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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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Mountain View HS Football

Mountain View, CA

GRID SUMMARY Name: East Bleachers Spacing: 10.0' x 10.0' Height: 14.4' above grade

ILLUMINATION SUMMARY Entire Grid Scan Average: Maximum: Minimum: Avg / Min: 1.39 Max / Min: 1.83 0.00 UG (adjacent pts): CU: 0.01 No. of Points: UMINAIRE INFORMATION Color / CRI: 5700K - 75 CRI Luminaire Output: 160,000 / 89,600 lumens No. of Luminaires: 36 Total Load: 42.84 kW L70 hrs Luminaire Type L90 hrs L80 hrs TLC-LED-1500 >81,000 >81,000 >81,000 TLC-LED-900 >81,000 >81,000 Reported per TM-21-11. See luminaire datasheet for details.

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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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EQUIPMENT LIST FOR AREAS SHOWN LOCATION 86' TLC-LED-400 TLC-LED-1500 TLC-LED-900 86' 86' TLC-LED-400 TLC-LED-900 TLC-LED-1500 TLC-LED-900 80' TLC-LED-400 80' 90' TLC-LED-900 TLC-LED-1500 TLC-LED-900 TLC-LED-400 90' 80' TLC-LED-1500 F2 **√**0 ∇ 09 0 7⊳ ⊲2 0 50 30⊳ 20-1.7 2.3 3.7 5.5 6.7 7.4 5.0 4.3 3.3 2.1 SCALE IN FEET 1:60

Mountain View HS Football

Mountain View, CA

GRID SUMMARY Name: Path of Egress #1 Spacing: 10.0' Height: 3.0' above grade

ILLUMINATION SUMMARY								
HORIZONTAL FOOTCAND	HORIZONTAL FOOTCANDLES							
	Entire Grid							
Scan Average:	3.8804							
Maximum:	7.53							
Minimum:	1.64	1.64						
No. of Points:	44	44						
LUMINAIRE INFORMATIO	N							
Color / CRI:	5700K - 75 CRI							
Luminaire Output:	46,500 / 89,6	00 lumens						
No. of Luminaires:	6							
Total Load:	3.38 kW							
		Lum	en Maintenance					
Luminaire Type	L90 hrs	L80 hrs	L70 hrs					
TLC-LED-400	>81,000	>81,000	>81,000					
TLC-LED-900	>81,000 >81,000 >81,000							
Reported per TM-21-11. See luminaire datasheet for details.								

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

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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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to 0,0 reference point(s) \otimes

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EQUIPMENT LIST FOR AREAS SHOWN LOCATION 86' TLC-LED-400 TLC-LED-1500 TLC-LED-900 90' 96' 86' 86' TLC-LED-400 TLC-LED-900 TLC-LED-1500 TLC-LED-900 80' TLC-LED-400 80' 90' TLC-LED-900 TLC-LED-1500 TLC-LED-900 TLC-LED-400 90' 80' TLC-LED-1500 52₄₈ 43 40 39 41 45 50 58 65 60 63 56 50 43 34 24 47 4<mark>5</mark> 45 47 49 21 20 4 **√**0 ∇ 09 0 7⊳ ⊲2 0 50 30⊳ 20-SCALE IN FEET 1:60

Mountain View HS Football

Mountain View, CA

ILLUMINATION SUMMARY

GRID SUMMARY Name: Path of Egress #2 Spacing: 10.0' Height: 3.0' above grade

HORIZONTAL FOOTCANDLES							
	Entire Grid	Entire Grid					
Scan Average:	3.7594						
Maximum:	6.93						
Minimum:	1.47						
No. of Points:	34						
LUMINAIRE INFORMATION							
Color / CRI:	5700K - 75 CRI						
Luminaire Output:	46,500 / 89,6	00 lumens					
No. of Luminaires:	6						
Total Load:	3.38 kW						
		Lum	en Maintenance				
Luminaire Type	L90 hrs	L80 hrs	L70 hrs				
TLC-LED-400	>81,000	>81,000	>81,000				
TLC-LED-900	>81,000	>81,000	>81,000				
Reported per TM-21-11. See luminaire datasheet for details.							

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

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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.





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

Mountain View HS Football

Mountain View, CA

Rame: Spacing: 10.0' Height: 3.0' above grade

ILLUMINATION SUMMARY								
HORIZONTAL FOOTCAND	HORIZONTAL FOOTCANDLES							
	Entire Grid							
Scan Average:	0.0071							
Maximum:	0.06							
Minimum:	0.00							
No. of Points:	174							
LUMINAIRE INFORMATIO	LUMINAIRE INFORMATION							
Color / CRI:	5700K - 75 CF							
Luminaire Output:		600 / 46,500 lu	mens					
No. of Luminaires:	42							
Total Load:	46.22 kW							
		Lum	en Maintenance					
Luminaire Type	L90 hrs	L80 hrs	L70 hrs					
TLC-LED-1500	>81,000	>81,000	>81,000					
TLC-LED-900	>81,000	>81,000	>81,000					

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

Reported per TM-21-11. See luminaire datasheet for details.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

TLC-LED-400 >81,000 >81,000 >81,000

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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Mountain View HS Football

Mountain View, CA

GRID SUMMARY Name: Property Spill Spacing: 10.0' Height: 3.0' above grade

ILLUMINATION S	UMMARY								
MAX VERTICAL FOOTCANDLES									
	Entire Grid								
Scan Average:	0.0137								
Maximum:	0.08								
Minimum:	0.00								
No. of Points:	174								
LUMINAIRE INFORMATIO	N								
Color / CRI:	5700K - 75 CF	RI							
Luminaire Output:	160,000 / 89,	600 / 46,500 lu	mens						
No. of Luminaires:	42								
Total Load:	46.22 kW								
		Lum	en Maintenance						
Luminaire Type	L90 hrs	L80 hrs	L70 hrs						
TLC-LED-1500	>81,000	>81,000	>81,000						
TLC-LED-900	>81,000	>81,000	>81,000						

>81,000 >81,000

Reported per TM-21-11. See luminaire datasheet for details Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty

TLC-LED-400

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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



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

Mountain View HS Football

Mountain View, CA

Name: Property Spill Spacing: 10.0' Height: 3.0' above grade

_								
ILLUMINATION SUMMARY								
CANDELA (PER FIXTURE)								
Entire Grid								
491.9512								
1597.93								
0.00								
174								
N								
5700K - 75 CF	RI							
160,000 / 89,	600 / 46,500 lu	mens						
42								
46.22 kW								
	Lum	en Maintenance						
L90 hrs	L80 hrs	L70 hrs						
>81,000	>81,000	>81,000						
>81,000	>81,000	>81,000						
	Entire Grid 491.9512 1597.93 0.00 174 N 5700K - 75 CF 160,000 / 89, 42 46.22 kW L90 hrs >81,000	Entire Grid 491.9512 1597.93 0.00 174 N 5700K - 75 CRI 160,000 / 89,600 / 46,500 lu 42 46.22 kW Lurr L90 hrs S81,000 S81,000						

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

Reported per TM-21-11. See luminaire datasheet for details.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

TLC-LED-400 >81,000 >81,000 >81,000

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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(0) F2 30⊳ **1**20 F4

Mountain View HS Football

Mountain View, CA

EQUIPMENT LAYOUT

INCLUDES:

· Bleachers

· Football

· Soccer · Track

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.

EQ	EQUIPMENT LIST FOR AREAS SHOWN									
	Po	ole			Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE				
1	F1	90'	6'	96'	TLC-LED-900	6				
				86'	TLC-LED-400	1				
				96'	TLC-LED-1500	4				
1	F2	90'	6'	96'	TLC-LED-900	6				
				86'	TLC-LED-400	1				
				86'	TLC-LED-900	1				
				96'	TLC-LED-1500	4				
1	F3	90'	-	90'	TLC-LED-900	2				
				80'	TLC-LED-400	1				
				80'	TLC-LED-900	1				
				90'	TLC-LED-1500	6				
1	F4	90'	-	90'	TLC-LED-900	2				
				80'	TLC-LED-400	1				
				90'	TLC-LED-1500	6				
4		, i	TOTAL	S		42				

SINGLE LUMINAIRE AMPERAGE DRAW CHART									
Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)								
Single Phase Voltage	208	220	240	277	347 (60)	380	480		
TLC-LED-1500	8.5	8.1	7.4	6.4	5.1	4.7	3.7		
TLC-LED-900	5.3	5.0	4.6	4.0	3.2	2.9	2.3		
TLC-LED-400	2.3	2.2	2.0	1.7	1.4	1.3	1.0		



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

SCALE IN FEET 1:60