

Rancho Potrero Community Equestrian Center

Newbury Park, CA

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
P1-P4	50'	50'	1	TLC-LED-400	0.40 kW	A
		50'	2	TLC-LED-600	1.16 kW	A
P5-P6	50'	50'	3	TLC-LED-400	1.20 kW	A
6			18		8.64 kW	

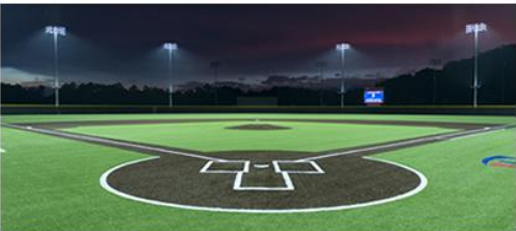
Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	Arena 1	8.64 kW	18

Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-600	LED 5700K - 75 CRI	580W	65,600	>120,000	>120,000	>120,000	8
TLC-LED-400	LED 5700K - 75 CRI	400W	46,500	>120,000	>120,000	>120,000	10

Light Level Summary

Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Arena 1 150' Spill	Horizontal Illuminance	0	0	0	0.00		A	18
Arena 1 150' Spill	Max Candela Metric	97	0	462	0.00		A	18
Arena 1 150' Spill	Max Vertical Illuminance Metric	0	0	0.01	0.00		A	18
Arena 1 Blanket Grid	Horizontal	4.24	0	30	0.00		A	18
Arena 1	Horizontal Illuminance	22.4	16	28	1.78	1.40	A	18
Property Line Spill	Horizontal	0	0	0.02	0.00		A,B	18
Property Line Spill	Max Candela (by Fixture)	266	0	4444	0.00		A,B	18
Property Line Spill	Max Vertical Illuminance Metric	0.01	0	0.09	0.00		A,B	18
Spill @ Houses	Horizontal	0	0	0	0.00		A,B	18
Spill @ Houses	Max Candela (by Fixture)	0.86	0	8.85	0.00		A,B	18
Spill @ Houses	Max Vertical Illuminance Metric	0	0	0	0.00		A,B	18
Spill @ Street	Horizontal	0	0	0	0.00		A,B	18
Spill @ Street	Max Candela (by Fixture)	6.66	0	156	0.00		A,B	18
Spill @ Street	Max Vertical Illuminance Metric	0	0	0	0.00		A,B	18

From Hometown to Professional



We Make It Happen®

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	P1-P4	50'	-	50'	TLC-LED-400	1	1	0
				50'	TLC-LED-600	2	2	0
2	P5-P6	50'	-	50'	TLC-LED-400	3	3	0
6	TOTALS					18	18	0

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Arena 1
Size:	300' x 120'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

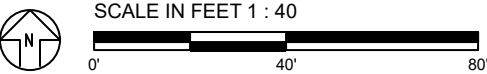
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Guaranteed Average:	20
Scan Average:	22.44
Maximum:	28
Minimum:	16
Avg / Min:	1.44
Guaranteed Max / Min:	4
Max / Min:	1.78
UG (adjacent pts):	1.33
CU:	0.83
No. of Points:	90
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	18
Total Load:	8.64 kW

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.



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



We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	P1-P4	50'	-	50'	TLC-LED-400	1	1	0
				50'	TLC-LED-600	2	2	0
2	P5-P6	50'	-	50'	TLC-LED-400	3	3	0
6	TOTALS					18	18	0

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Arena 1 Blanket Grid
Size:	300' x 120'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

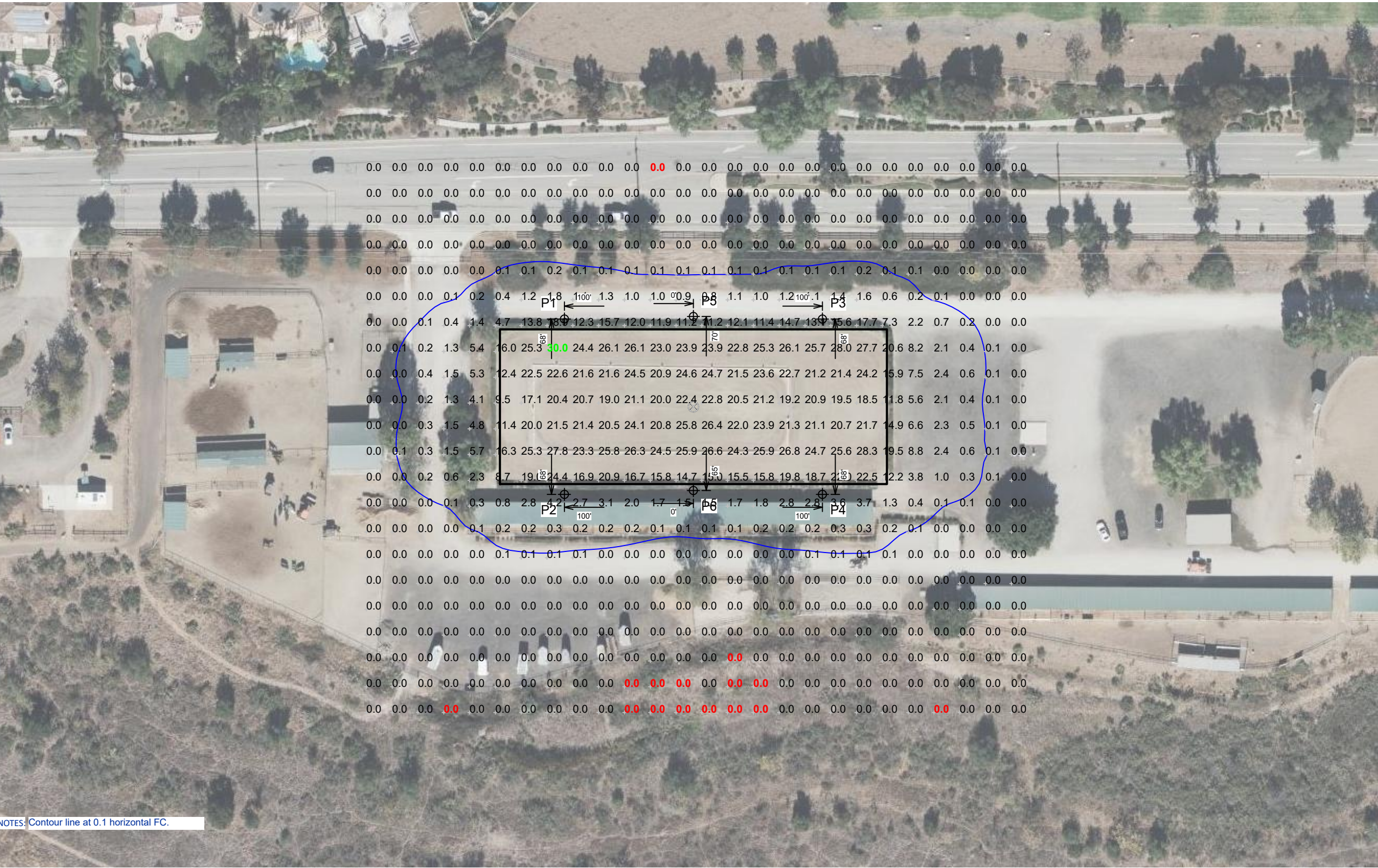
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	4.24
Maximum:	30
Minimum:	0
Avg / Min:	-
Max / Min:	-
UG (adjacent pts):	37.69
CU:	1.00
No. of Points:	572
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	18
Total Load:	8.64 kW

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

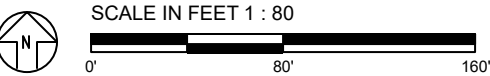
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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.



NOTES: Contour line at 0.1 horizontal FC.



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



We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
							0



GRID SUMMARY	
Name:	Arena 1 150' Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0002
Maximum:	0.00
Minimum:	0.00
No. of Points:	60
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	18
Total Load:	8.64 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 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								
Pole			Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	P1-P4	50'	-	50'	TLC-LED-400	1	1	0
				50'	TLC-LED-600	2	2	0
2	P5-P6	50'	-	50'	TLC-LED-400	3	3	0
6	TOTALS					18	18	0



GRID SUMMARY	
Name:	Arena 1 150' Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0012
Maximum:	0.01
Minimum:	0.00
No. of Points:	60
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	18
Total Load:	8.64 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 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 $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
							0



SCALE IN FEET 1 : 100

0' 100' 200'

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

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Arena 1 150' Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 96.9613
Maximum:	461.74
Minimum:	0.00
No. of Points:	60
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	18
Total Load:	8.64 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 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.

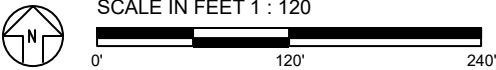
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
						18	0



ENGINEERED DESIGN By: C.Hensley · File #201822H · 15-Nov-21

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Property Line Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0017
Maximum:	0.02
Minimum:	0.00
No. of Points:	109
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 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 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 $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

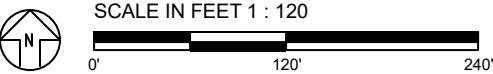


We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
						18	0



ENGINEERED DESIGN By: C.Hensley · File #201822H · 15-Nov-21

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Property Line Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0086
Maximum:	0.09
Minimum:	0.00
No. of Points:	109
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 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 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.

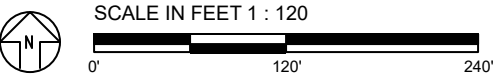


We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
						18	0



ENGINEERED DESIGN By: C.Hensley · File #201822H · 15-Nov-21

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Property Line Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 266.4857
Maximum:	4443.60
Minimum:	0.00
No. of Points:	109
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 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 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.

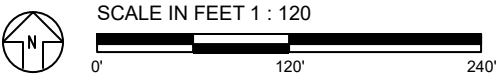
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
						0	0



ENGINEERED DESIGN By: C.Hensley · File #201822H · 15-Nov-21

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Spill @ Street
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	109
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 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 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 $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

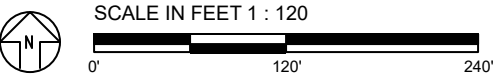


We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
						18	0



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

GRID SUMMARY	
Name:	Spill @ Street
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0001
Maximum:	0.00
Minimum:	0.00
No. of Points:	109
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 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 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.



We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
							0

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Spill @ Houses
Spacing:	30.0'
Height:	3.0' above grade

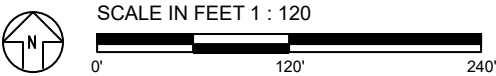
ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	54
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 kW

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

Field Measurements: Individual field measurements may vary from computer-calculated predictions 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) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	P1-P4	50'	-	50'	TLC-LED-400	1	1	0
				50'	TLC-LED-600	2	2	0
2	P5-P6	50'	-	50'	TLC-LED-400	3	3	0
6	TOTALS					18	18	0

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Spill @ Houses
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	54
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 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 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.





SCALE IN FEET 1 : 120

0'

120'

240'

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



We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN							
Pole			Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
4	P1-P4	50'	-	50'	TLC-LED-400	1	1
				50'	TLC-LED-600	2	2
2	P5-P6	50'	-	50'	TLC-LED-400	3	3
6	TOTALS					18	18
						0	0

Rancho Potrero Community Equestrian Center
Newbury Park, CA

GRID SUMMARY	
Name:	Spill @ Houses
Spacing:	30.0'
Height:	3.0' above grade

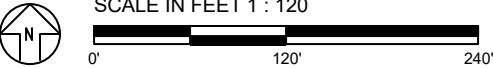
ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 0.8602
Maximum:	8.85
Minimum:	0.00
No. of Points:	54
LUMINAIRE INFORMATION	
Applied Circuits:	A, B
No. of Luminaires:	18
Total Load:	8.64 kW

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

Field Measurements: Individual field measurements may vary from computer-calculated predictions 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) ⦿ dimensions are relative to 0,0 reference point(s) ⊗



We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

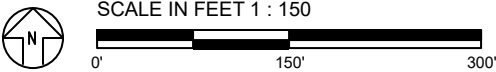


Rancho Potrero Community Equestrian Center
Newbury Park, CA

EQUIPMENT LAYOUT	
INCLUDES: · Arena 1	
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						
Pole				Luminaires		
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
4	P1-P4	50'	-	50'	TLC-LED-400	1
				50'	TLC-LED-600	2
2	P5-P6	50'	-	50'	TLC-LED-400	3
6	TOTALS					18

SINGLE LUMINAIRE AMPERAGE DRAW CHART							
Ballast Specifications (.90 min power factor)		Line Amperage Per Luminaire (max draw)					
Single Phase Voltage		208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	480 (60)
TLC-LED-600		3.4	3.2	3.0	2.6	2.0	1.5
TLC-LED-400		2.3	2.2	2.0	1.7	1.4	1.0



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



We Make It Happen.®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2021 Musco Sports Lighting, LLC.