

EQUIPMENT LIST FOR AREAS SHOWN

QTY	LOCATION	Pole		GRADE	MOUNTING	LUMINAIRE		QTY/	NO.	SPACE
		SIZE	HEIGHT			TYPE	POLE			
2	F1, F4	130'	18'	118'	96	228W 1400	18	18	0	2
2	F2, F3	130'	22'	129'	132	228W 1400	18	18	0	2
1	F5	147'	-	127'	147	228W 1400	4	0	4	0
2	F6, F7	135'	17'	112'	137	228W 1400	18	18	0	2
1	F8	130'	17'	113'	147	228W 1400	4	0	4	0
8							222	184	18	18

Mt. SAC Athletics Complex East
Walnut, CA

GRID SUMMARY

Name: Sky Glow Grid
Size: 360' x 160'
Spacing: 150.0' x 50.0'
Height: 172.0' above grade

ILLUMINATION SUMMARY

MAINTAINED VERTICAL FOOTCANDLES - FOOT TIL

Entire Grid

Spot Average: 0.05
Maximum: 0.06
Minimum: 0.04
No. of Points: 5

LUMINAIRE RECOMMENDATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 133,000 lumens
Total LLF: 1.000
No. of Luminaires: 184
Total Load: 257.6 kW

Luminaire Type	L80 hrs	L90 hrs	L70 hrs
228W 1400	>36,000	>36,000	>36,000

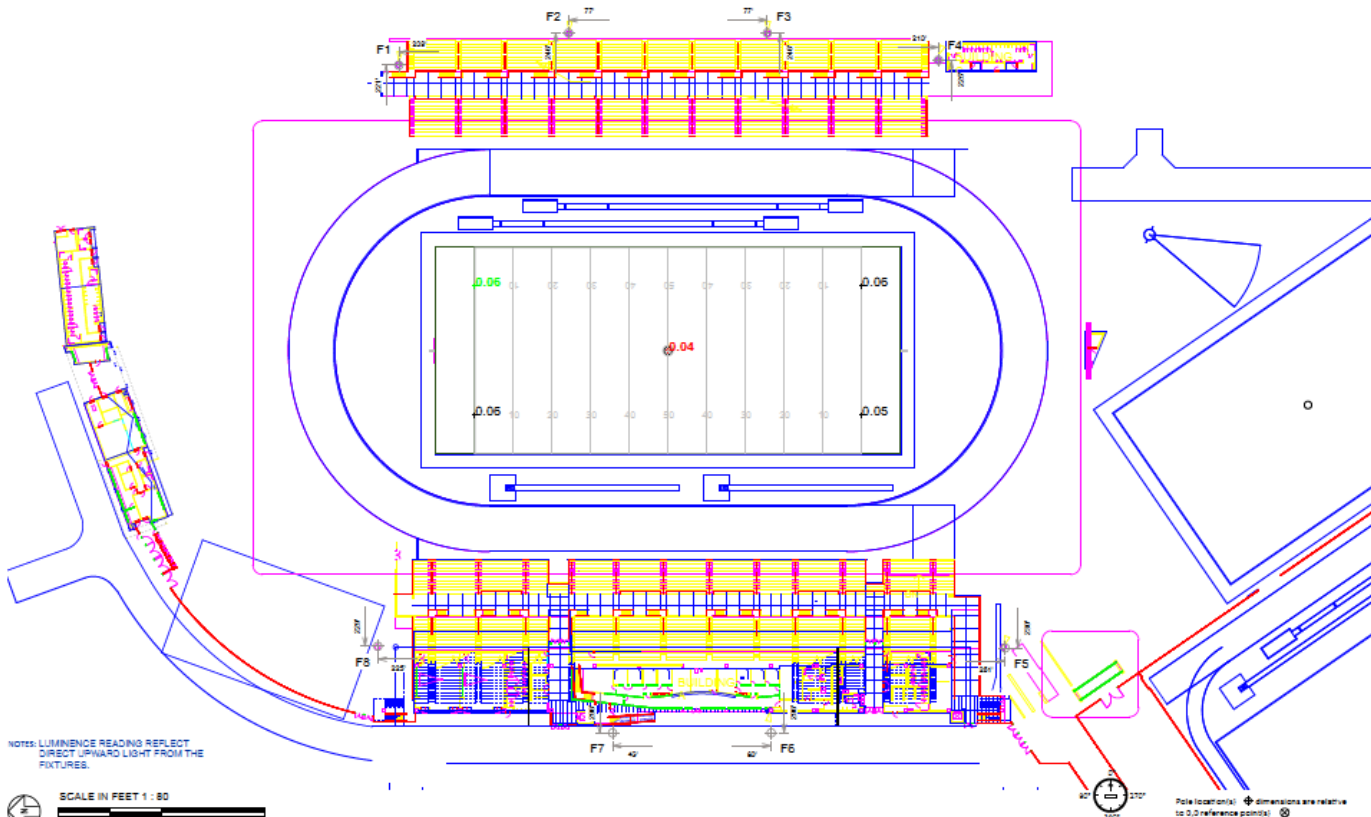
Reprinted per IESNA-11. See cut sheets for details.

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 +/- 5% nominal voltage at the side of the driver and structures located within 3 feet (1m) of design locations.



NOTES: LUMINANCE READING REFLECT DIRECT UPWARD LIGHT FROM THE FIXTURES.



ENGINEERED DESIGN By: Shawn Moyer • File #167173-I-STADIUM-R-SPILL • 26-Apr-16



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ILLUMINATION SUMMARY