

GRID SUMMARY	
Name:	Rugby
Size:	116m x 66m
Spacing:	9.1m x 7.2m
Height:	1.0m above grade

ILLUMINATION SUMMARY			
MAINTAINED HORIZONTAL LUX			
	Entire Grid		
<b>Scan Average:</b>	<b>836.83</b>		
Maximum:	1250		
Minimum:	621		
Min / Avg:	0.74		
<b>Min / Max:</b>	<b>0.50</b>		
UG (adjacent pts):	1.67		
CU:	0.71		
CV:	0.20		
No. of Points:	120		
LUMINAIRE INFORMATION			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	63,600 / 63,600 lumens		
Total LLF:	1.000		
<b>No. of Luminaires:</b>	<b>142</b>		
Total Load:	87.6 kW		
	Lumen Maintenance		
Luminaire Type	L90 hrs	L80 hrs	L70 hrs
216 LED	38,000	>60,000	>60,000
228 LED	38,000	>60,000	>60,000

Reported per TM-21-11. See cutsheets for details.

	761	762	776	770	773	785	785	773	770	777	762	761
874	1113	1033	1147	1178	1155	1155	1178	1147	1033	1113	873	
690	853	782	875	954	975	975	953	875	782	853	689	
621	721	639	703	772	809	809	772	703	639	721	621	621
623	713	621	684	747	783	783	747	684	621	713	623	
623	721	621	678	749	794	794	748	678	621	721	623	
623	741	654	714	807	856	856	807	714	654	741	623	
702	890	837	941	1055	1061	1061	1055	941	837	890	702	
911	1083	991	1213	1250	1189	1189	1250	1212	990	1083	911	
776	779	739	724	762	718	718	761	724	739	778	776	



**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) ⊗

