

# Harlequins RFC Premiership Rugby

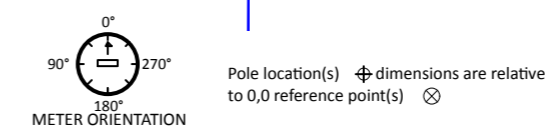
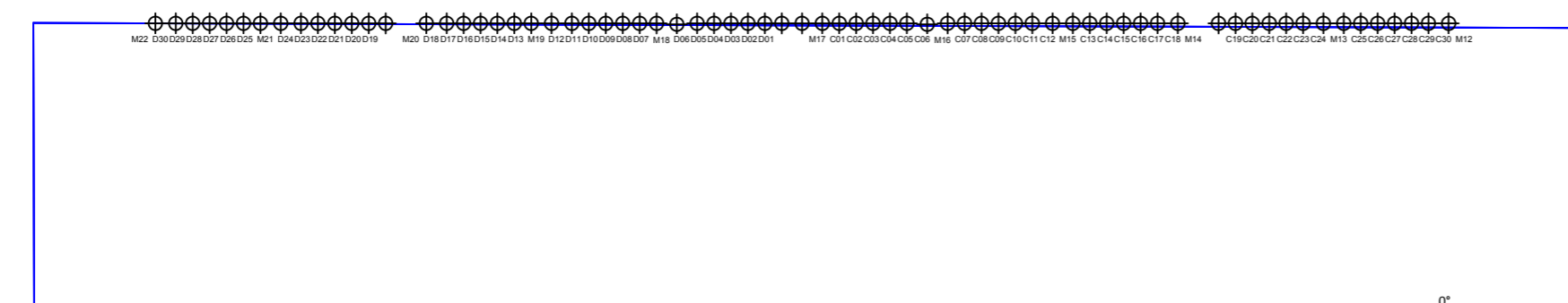
Twickenham, London UK

GRID SUMMARY	
Name:	Sky Glow @ 15m
Spacing:	5.0m x 5.0m
Height:	15.0m above grade

ILLUMINATION SUMMARY			
MAINTAINED VERTICAL LUX: -90° Tilt			
Entire Grid			
Scan Average:	11.04		
Maximum:	124		
Minimum:	0		
Min / Avg:	0.03		
Min / Max:	0.00		
UG (adjacent pts):	179.04		
CU:	0.00		
No. of Points:	299		
LUMINAIRE INFORMATION			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	63,600 / 63,600 lumens		
Total LLF:	1.000		
No. of Luminaires:	142		
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.

0	1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	0
0	1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	0
+1	1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1
+1	1	+1	+1	+1	+1	+1	2	+1	2	2	2	2	2	+1	2	+1	+1	+1	+1	+1
+1	1	+1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	+1
+1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	+1
+1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	+1
2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2
2	3	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5
3	6	8	8	8	8	9	9	9	9	10	9	10	9	9	9	9	8	8	8	8
4	11	+15	+14	+14	+13	+15	+14	+16	+14	+17	+14	+17	+14	+16	+14	+15	+13	+14	+14	+15
3	27	31	30	26	28	31	31	31	32	30	33	30	32	31	31	31	28	26	30	31
+1	95	79	+105	48	95	79	+105	52	+114	33	124	33	+114	52	+105	79	95	48	+105	79



**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.

