### **Hove Park Tennis - Phase 1**

Hove, South East

### **Lighting System**

Pole / Fixture	Summary					
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
T1, T6-T7, T12	10.0	10.0	1	TLC-LED-550	0.54 kW	Α
T2-T5, T8-T11	10.0	10.0	2	TLC-LED-550	1.08 kW	Α
12			20		10.80 kW	

Circuit Summary							
Circuit	Description	Load	Fixture Qty				
Α		10.8 kW	20				

Fixture Type Summary								
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity	
TLC-LED-550	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	20	

### **Light Level Summary**

Calculation Grid Summar	ту							
Grid Name	Calculation Metric			llumination			Circuits	Fixture Qty
5.14 Maile		Ave	Min	Max	Min/Max	Min/Ave		· muse Quy
Blanket Spill	Horizontal	35.6	0	679	0.00	0.00	Α	20
Blanket Spill	Max Vert Illuminance (by Light Bank)	42.7	0	821	0.00	0.00	Α	20
Court 1 PPA	Horizontal Illuminance	463	328	591	0.56	0.71	Α	20
Court 1 TPA	Horizontal	426	237	594	0.40	0.56	Α	20
Court 2 PPA	Horizontal Illuminance	493	391	588	0.67	0.79	Α	20
Court 2 TPA	Horizontal	463	274	595	0.46	0.59	Α	20
Court 3 PPA	Horizontal Illuminance	492	417	557	0.75	0.85	Α	20
Court 3 TPA	Horizontal	461	291	551	0.53	0.63	Α	20
Court 4 PPA	Horizontal Illuminance	503	425	602	0.71	0.85	Α	20
Court 4 TPA	Horizontal	467	288	604	0.48	0.62	Α	20
Court 5 PPA	Horizontal Illuminance	450	322	556	0.58	0.72	А	20
Court 5 TPA	Horizontal	415	241	564	0.43	0.58	Α	20
TOTAL AREA	Horizontal	488	330	596	0.55	0.68	Α	20

### From Hometown to Professional



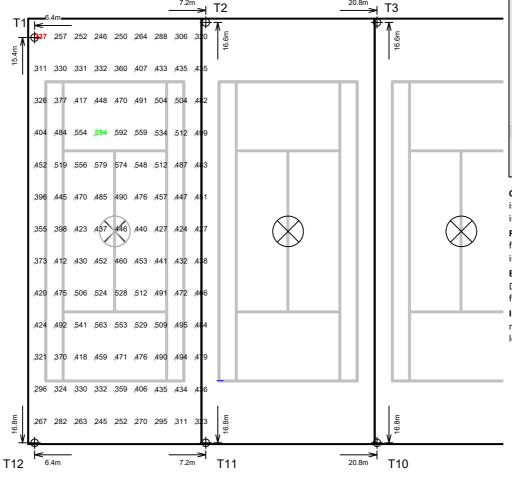








EQI	EQUIPMENT LIST FOR AREAS SHOWN										
Pole  QTY LOCATION SIZE GRADE ELEVATION					Luminaires						
				MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS			
4	T1, T6-T7	10m	0m	10m	TLC-LED-550	1	1	0			
	T12										
4	T3-T4	10m	0m	10m	TLC-LED-550	2	2	0			
	T9-T10										
4	T11	10m	0m	10m	TLC-LED-550	2	2	0			
	T2, T5, T8										
12	2 TOTALS						20	0			



Pole location(s)  $\oplus$  dimensions are relative

to 0,0 reference point(s)  $\otimes$ 

### **Hove Park Tennis - Phase 1**

**Hove, South East** 

## RID SUMMARY Name: Court 1 TPA Size: 1 Court - 3.7m Spacing Spacing: 1.6m x 2.5m Height: 0.0m above grade

ILLUMINATION S	UMMARY	
MAINTAINED HORIZONTA	AL LUX	
	Entire Grid	
Guaranteed Average:	300	
Scan Average:	426.21	
Maximum:	594	
Minimum:	237	
Min / Avg:	0.56	
Min / Max:	0.40	
UG (adjacent pts):	1.54	
CU:	0.16	
No. of Points:	117	
LUMINAIRE INFORMATIO	N	
Applied Circuits:	Α	
No. of Luminaires:	20	
Total Load:	10.8 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.

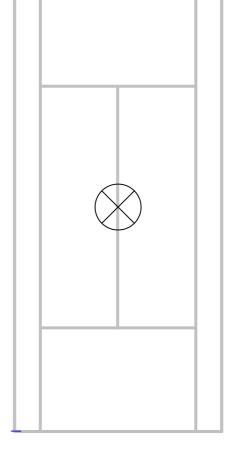


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SCALE 1: 300

EQl	EQUIPMENT LIST FOR AREAS SHOWN											
	P	ole			Luminaires							
QTY LOCATION SIZE GRADE ELEVATION				MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS				
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0				
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0				
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0				
12	TOTALS						20	0				

332	365	395	473	457
384	<sub>4</sub> 495	538	524	505
504	587	<b>591</b>	534	497
439	490	503	<sub>-</sub> 471	453
.381	427	446	430	424
406	446	469	450	439
470	536	546	.511	481
408	507	528	500	491
328	357	393	464	458



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

### **Hove Park Tennis - Phase 1**

**Hove, South East** 

# Rame: Court 1 PPA Size: 1 Court - 3.7m Spacing Spacing: 2.7m x 3.0m Height: 0.0m above grade

ILLUMINATION S	ILLUMINATION SUMMARY					
MAINTAINED HORIZONTA	AL LUX					
	Entire Grid					
Guaranteed Average:	400					
Scan Average:	462.94					
Maximum:	591					
Minimum:	328					
Min / Avg:	0.71					
Min / Max:	0.56					
UG (adjacent pts):	1.42					
CU:	0.13					
No. of Points:	45					
LUMINAIRE INFORMATIO	N					
Applied Circuits:	Α					
No. of Luminaires:	20					
Total Load:	10.8 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.

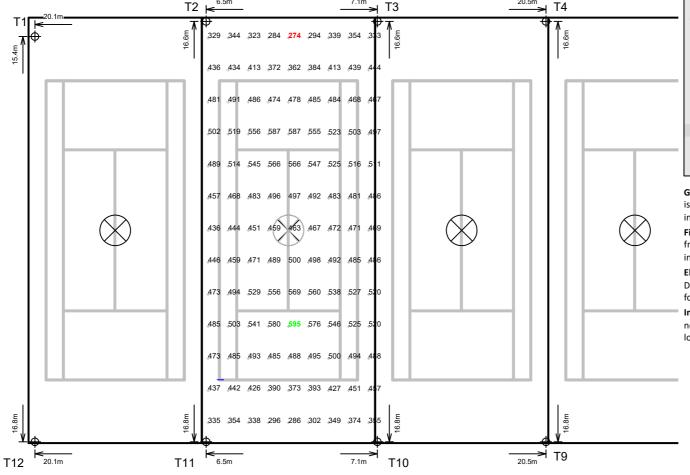
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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SCALE 1: 200

EQI	EQUIPMENT LIST FOR AREAS SHOWN										
	P	ole			Luminaires						
QTY	ELEVATION			MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE	THIS GRID	OTHER GRIDS			
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0			
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0			
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0			
12	TOTALS						20	0			



### **Hove Park Tennis - Phase 1**

**Hove, South East** 

### Rame: Court 2 TPA Size: 1 Court - 3.7m Spacing Spacing: 1.6m x 2.5m

Height: 0.0m above grade

	ILLUMINATION S	UMMARY	
	MAINTAINED HORIZONTA	AL LUX	
		Entire Grid	
•	Guaranteed Average:	300	
	Scan Average:	462.54	
	Maximum:	595	
	Minimum:	274	
	Min / Avg:	0.59	
	Min / Max:	0.46	
	UG (adjacent pts):	1.33	
	CU:	0.17	
	No. of Points:	117	
	LUMINAIRE INFORMATIO	N	
	Applied Circuits:	Α	
	No. of Luminaires:	20	
	Total Load:	10.8 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.

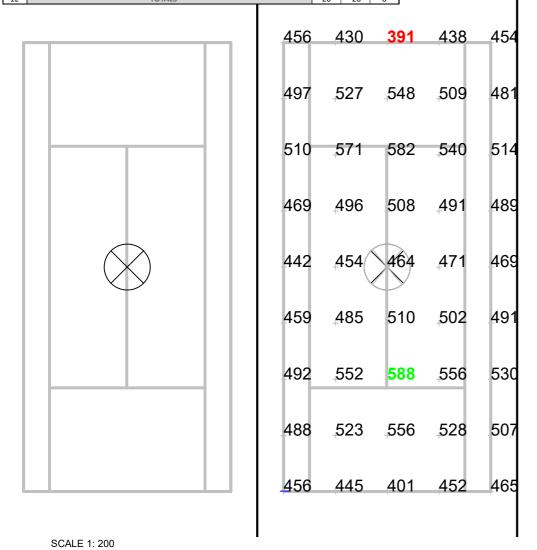


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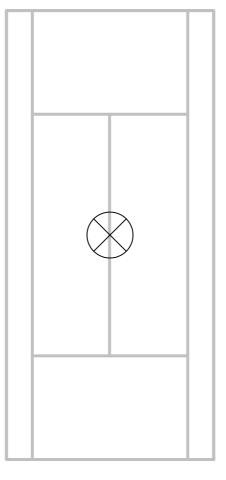
to 0,0 reference point(s)  $\otimes$ 

SCALE 1: 300

EQI	EQUIPMENT LIST FOR AREAS SHOWN											
	P	ole			Luminaires							
QTY LOCATION SIZE E			GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE	THIS GRID	OTHER GRIDS				
4	T1, T6-T7	10m	0m	10m	TLC-LED-550	1	1	0				
	T12											
4	T3-T4	10m	0m	10m	TLC-LED-550	2	2	0				
	T9-T10											
4	T11	10m	0m	10m	TLC-LED-550	2	2	0				
	T2, T5, T8											
12		TOTALS						0				



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#### **Hove Park Tennis - Phase 1**

**Hove, South East** 

### Rame: Court 2 PPA Size: 1 Court - 3.7m Spacing Spacing: 2.7m x 3.0m Height: 0.0m above grade

ILLUMINATION SUMMARY							
MAINTAINED HORIZONTA	MAINTAINED HORIZONTAL LUX						
	Entire Grid						
Guaranteed Average:	400						
Scan Average:	493.06						
Maximum:	588						
Minimum:	391						
Min / Avg:	0.79						
Min / Max:	0.67						
UG (adjacent pts):	1.40						
CU:	0.14						
No. of Points:	45						
LUMINAIRE INFORMATIO	N						
Applied Circuits:	Α						
No. of Luminaires:	20						
Total Load:	10.8 kW						

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

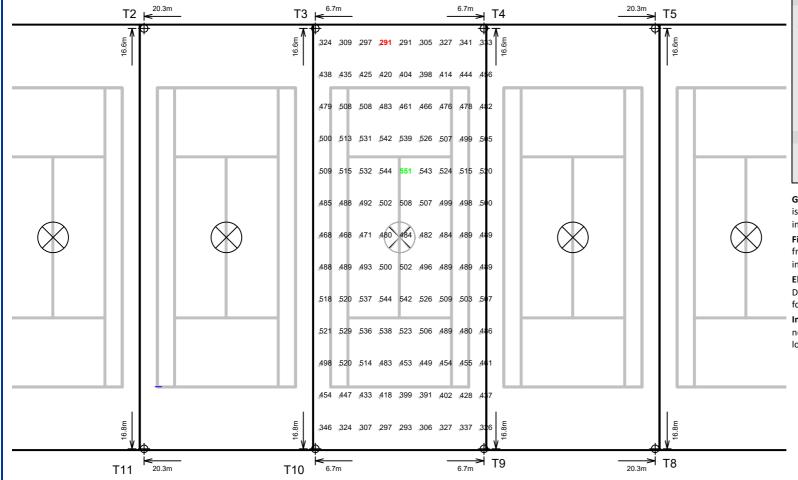
**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**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.



EQI	EQUIPMENT LIST FOR AREAS SHOWN											
	P	ole			Luminaires							
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS				
4	T1, T6-T7	10m	0m	10m	TLC-LED-550	1	1	0				
	T12											
4	T3-T4	10m	0m	10m	TLC-LED-550	2	2	0				
	T9-T10											
4	T11	10m	0m	10m	TLC-LED-550	2	2	0				
	T2, T5, T8											
12	TOTALS					20	20	0				



### Pole location(s) $\oplus$ dimensions are relative

to 0,0 reference point(s)  $\otimes$ 

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SCALE 1: 300

### **Hove Park Tennis - Phase 1**

**Hove, South East** 

### Rame: Court 3 TPA Size: 1 Court - 3.7m Spacing Spacing: 1.6m x 2.5m Height: 0.0m above grade

ILLUMINATION SUMMARY							
MAINTAINED HORIZONTAL LUX							
	Entire Grid						
Guaranteed Average:	300						
Scan Average:	460.73						
Maximum:	551						
Minimum:	291						
Min / Avg:	0.63						
Min / Max:	0.53						
UG (adjacent pts):	1.44						
CU:	0.17						
No. of Points:	117						
LUMINAIRE INFORMATIO	N						
Applied Circuits:	A						
No. of Luminaires:	20						
Total Load:	10.8 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.

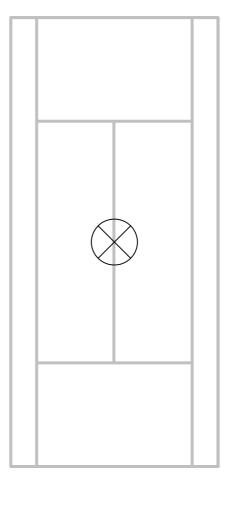


EQUIPMENT LIST FOR AREAS SHOWN											
	P	ole			Luminaires						
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE	THIS GRID	OTHER GRIDS			
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0			
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0			
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0			
12		20	20	0							

SCALE 1: 200

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	460	465	426	435	463
	502	518	499	494	488
	515	543	557	533	.513
	492	.501	516	508	501
	467	473	484	483	490
	493	<sub>-</sub> 502	509	495	490
	526	547	546	514	499
	520	<sub>-</sub> 521	488	473	.467
	475	470	419	417	442



to 0,0 reference point(s)  $\otimes$ 

### **Hove Park Tennis - Phase 1**

**Hove, South East** 

#### **GRID SUMMARY** Name: Court 3 PPA Size: 1 Court - 3.7m Spacing Spacing: 2.7m x 3.0m Height: 0.0m above grade

ILLUMINATION SUMMARY							
MAINTAINED HORIZONTAL LUX							
	Entire Grid						
Guaranteed Average:	400						
Scan Average:	491.94						
Maximum:	557						
Minimum:	417						
Min / Avg:	0.85						
Min / Max:	0.75						
UG (adjacent pts):	1.17						
CU:	0.14						
No. of Points:	45						
LUMINAIRE INFORMATIO	N						
Applied Circuits:	Α						
No. of Luminaires:	20						
Total Load:	10.8 kW						

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

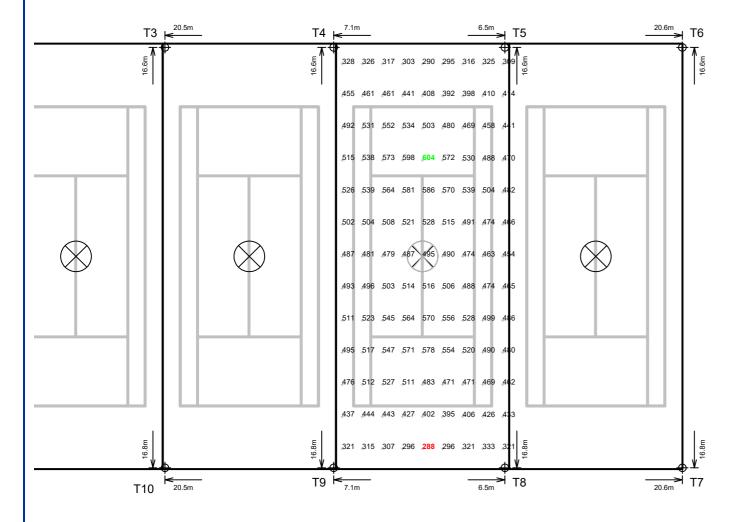
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

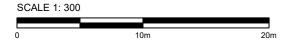
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

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



EQUIPMENT LIST FOR AREAS SHOWN											
	P	ole			Luminaires						
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING LUMINAIRE QTY / THE				OTHER GRIDS			
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0			
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0			
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0			
12	TOTALS						20	0			





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### **Hove Park Tennis - Phase 1**

**Hove, South East** 

# Rame: Court 4 TPA Size: 1 Court - 3.7m Spacing Spacing: 1.6m x 2.5m Height: 0.0m above grade

ILLUMINATION S	UMMARY					
MAINTAINED HORIZONTAL LUX						
	Entire Grid					
Guaranteed Average:	300					
Scan Average:	467.41					
Maximum:	604					
Minimum:	288					
Min / Avg:	0.62					
Min / Max:	0.48					
UG (adjacent pts):	1.46					
CU:	0.18					
No. of Points:	117					
LUMINAIRE INFORMATIO	N					
Applied Circuits:	A					
No. of Luminaires:	20					
Total Load:	10.8 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.

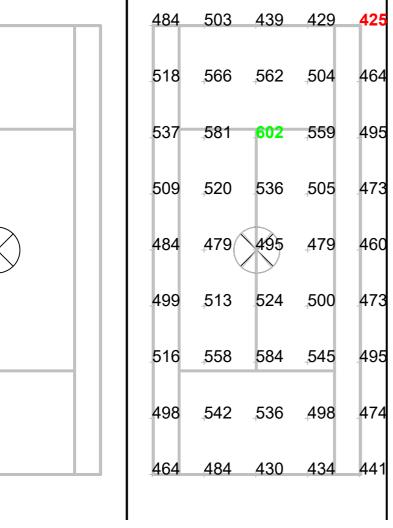
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

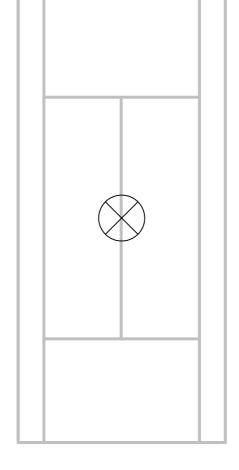


#### **EQUIPMENT LIST FOR AREAS SHOWN** Pole Luminaires MOUNTING QTY / POLE THIS GRID QTY LOCATION SIZE GRIDS ELEVATION HEIGHT T1, T6-T7 10m TLC-LED-550 T12 T3-T4 10m 0m 10m TLC-LED-550 2 2 0 T9-T10 T11 TLC-LED-550 2 2 0 T2, T5, T8 12 TOTALS 20 20 484 503

SCALE 1: 200

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#### **Hove Park Tennis - Phase 1**

**Hove, South East** 

# Rame: Court 4 PPA Size: 1 Court - 3.7m Spacing Spacing: 2.7m x 3.0m Height: 0.0m above grade

ILLUMINATION SUMMARY							
MAINTAINED HORIZONTAL LUX							
	Entire Grid						
Guaranteed Average:	400						
Scan Average:	502.53						
Maximum:	602						
Minimum:	425						
Min / Avg:	0.85						
Min / Max:	0.71						
UG (adjacent pts):	1.28						
CU:	0.15						
No. of Points:	45						
LUMINAIRE INFORMATIO	N						
Applied Circuits:	Α						
No. of Luminaires:	20						
Total Load:	10.8 kW						

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

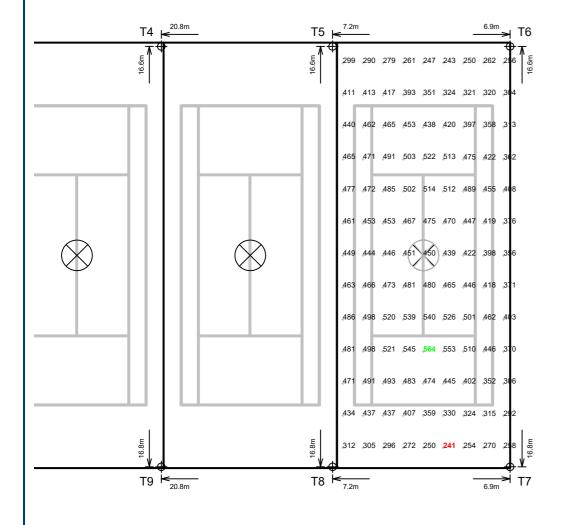
**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**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.



EQUIPMENT LIST FOR AREAS SHOWN											
	P	ole			Luminaires						
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE	THIS GRID	OTHER GRIDS			
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0			
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0			
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0			
12	TOTALS						20	0			



SCALE 1: 300
0 10m 20m

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#### **Hove Park Tennis - Phase 1**

**Hove, South East** 

# RID SUMMARY Name: Court 5 TPA Size: 1 Court - 3.7m Spacing Spacing: 1.6m x 2.5m Height: 0.0m above grade

ILLUMINATION S	UMMARY					
MAINTAINED HORIZONTAL LUX						
	Entire Grid					
Guaranteed Average:	300					
Scan Average:	414.85					
Maximum:	564					
Minimum:	241					
Min / Avg:	0.58					
Min / Max:	0.43					
UG (adjacent pts):	1.50					
CU:	0.16					
No. of Points:	117					
LUMINAIRE INFORMATIO	N					
Applied Circuits:	A					
No. of Luminaires:	20					
Total Load:	10.8 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.



EQI	JIPMENT LI	ST FOR	R AREAS SH	IOWN						
	P	ole			Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE		THER GRIDS		
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0		
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0		
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0		
12			TOTALS			20	20	0		
					43	1	447	379	354	324
					460	0	<u>4</u> 72	483	447	357
					478	8	498	526	506	.439
					.460	5	460	482	461	408
					.44	5	446	450	428	.381
					.46	7	483	489	460	406
					49	5	537	556	527	.447
					.486	3	505	534	478	.363
					46	1	466	392	352	322
	SCALE	1: 200								
	SO, ILL	200								
	0				10m			20n	n	

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### **Hove Park Tennis - Phase 1**

**Hove, South East** 

<b>GRID SUMMARY</b>	
Name:	Court 5 PPA
Size:	1 Court - 3.7m Spacing
Spacing:	2.7m x 3.0m
Height:	0.0m above grade

ILLUMINATION SUMMARY					
MAINTAINED HORIZONTA	AL LUX				
	Entire Grid				
Guaranteed Average:	400				
Scan Average:	449.95				
Maximum:	556				
Minimum:	322				
Min / Avg:	0.71				
Min / Max:	0.58				
UG (adjacent pts):	1.36				
CU:	0.13				
No. of Points:	45				
LUMINAIRE INFORMATION					
Applied Circuits:	A				
No. of Luminaires:	20				
Total Load:	10.8 kW				

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

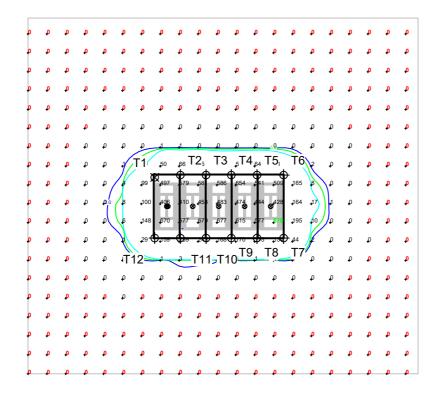
**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**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.



EQI	EQUIPMENT LIST FOR AREAS SHOWN								
	Pole Luminaires								
QTY								OTHER GRIDS	
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0	
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0	
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0	
12		TOTALS						0	



### SCALE 1: 2000

**ENGINEERED DESIGN** By: Carlos Castaneda · File #200181H · 28-Oct-21

to 0,0 reference point(s)  $\otimes$ 

### **Hove Park Tennis - Phase 1**

**Hove, South East** 

<b>GRID SUMMARY</b>	
Name:	Blanket Spill
Spacing:	10.0m x 10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY					
MAINTAINED HORIZONTA	MAINTAINED HORIZONTAL LUX				
	<b>Entire Grid</b>				
Scan Average:	35.57				
Maximum:	679				
Minimum:	0				
Min / Avg:	0.00				
Min / Max:	0.00				
UG (adjacent pts):	9428.64				
CU:	0.98				
No. of Points:	399				
LUMINAIRE INFORMATIO	N				
Applied Circuits:	Α				
No. of Luminaires:	20				
Total Load:	10.8 kW				

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

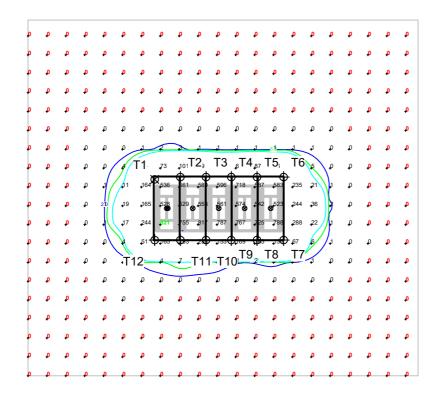
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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.



EQI	EQUIPMENT LIST FOR AREAS SHOWN								
	Pole Luminaires								
QTY	TY LOCATION SIZE GRADE MOUNTING LUMINAIRE QTY/ THIS ELEVATION HEIGHT TYPE POLE GRID							OTHER GRIDS	
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0	
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0	
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0	
12	TOTALS						20	0	



SCALE 1: 2000

### **Hove Park Tennis - Phase 1**

**Hove, South East** 

<b>GRID SUMMARY</b>	
Name:	Blanket Spill
Spacing:	10.0m x 10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY					
MAINTAINED MAX VERTI	MAINTAINED MAX VERTICAL LUX				
	Entire Grid				
Scan Average:	42.73				
Maximum:	821				
Minimum:	0				
Min / Avg:	0.00				
Min / Max:	0.00				
UG (adjacent pts):	4128.77				
CU:	0.98				
No. of Points:	399				
LUMINAIRE INFORMATIO	N				
Applied Circuits:	Α				
No. of Luminaires:	20				
Total Load:	10.8 kW				

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

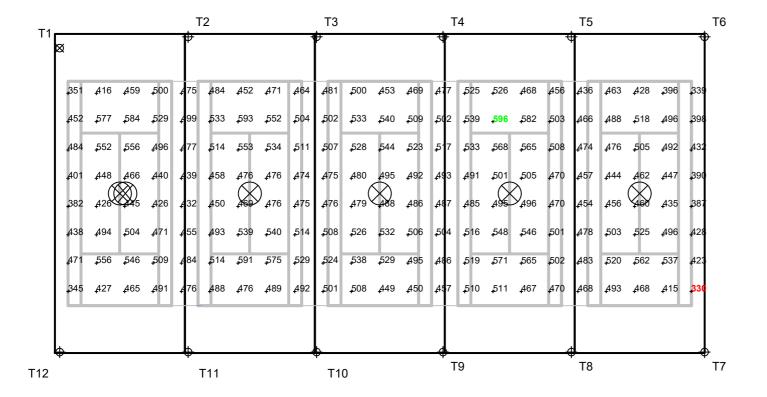
**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**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.



EQI	EQUIPMENT LIST FOR AREAS SHOWN								
	P	ole			Luminaires				
QTY	TY LOCATION SIZE GRADE MOUNTING LUMINAIRE QTY / POLE							OTHER GRIDS	
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1	1	0	
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2	2	0	
4	T11 T2, T5, T8	10m	0m	10m	TLC-LED-550	2	2	0	
12		20	20	0					



### SCALE 1: 400 0 10m 20m

### **Hove Park Tennis - Phase 1**

**Hove, South East** 

<b>GRID SUMMARY</b>	
Name:	TOTAL AREA
Spacing:	3.0m x 3.0m
Height:	0.0m above grade

ILLUMINATION SUMMARY					
MAINTAINED HORIZONTA	AL LUX				
	Entire Grid				
Scan Average:	487.99				
Maximum:	596				
Minimum:	330				
Min / Avg:	0.68				
Min / Max:	0.55				
UG (adjacent pts):	1.39				
CU:	0.64				
No. of Points:	184				
LUMINAIRE INFORMATIO	LUMINAIRE INFORMATION				
Applied Circuits:	A				
No. of Luminaires:	20				
Total Load:	10.8 kW				

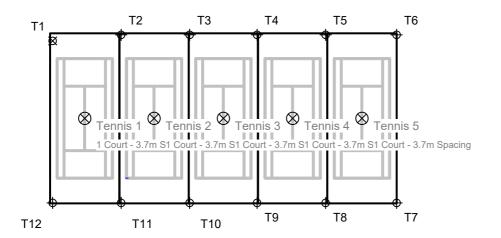
**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**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.





### **Hove Park Tennis - Phase 1**

**Hove, South East** 

#### **EQUIPMENT LAYOUT**

#### **INCLUDES:**

- · Tennis 1
- · Tennis 2
- · Tennis 3
- · Tennis 4
- · Tennis 5

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							
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE		
4	T1, T6-T7 T12	10m	0m	10m	TLC-LED-550	1		
4	T2, T5 T8, T11	10m	0m	10m	TLC-LED-550	2		
4	T3-T4 T9-T10	10m	0m	10m	TLC-LED-550	2		
12			TOTAL	S		20		

SINGLE LUMINAIRE AMPERAGE DRAW CHART							
Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208	220 (60)	240	277 (60)	347 (60)	380 (60)	480
TLC-LED-550NR	3.2	3.0	2.8	2.4	1.9	1.8	1.4



