

EQUIPMENT LIST FOR AREAS SHOWN							
QTY	LOCATION	POLE	GRADE ELEVATION	MOUNTING HEIGHT	Luminaires		
					LUMINAIRE TYPE	FOOT CANDLE	FEET GRID
2	A1-A2	80'	-	15'	TLC-LED-1150	1	1
4	A3-A5, A8	60'	-	15'	TLC-LED-1150	1	1
1	A6	60'	-	15'	TLC-LED-1150	3	3
2	B1-B2	80'	-	15'	TLC-LED-1150	1	1
2	B3, B8	70'	-	15'	TLC-LED-1150	8	8
2	B4-B5	70'	-	15'	TLC-LED-1150	5	5
1	B6	70'	-	15'	TLC-LED-1150	1/1*	2
4	C1-C2	70'	-	70'	TLC-LED-1150	5/5*	10
2	D1-D2	90'	-	15'	TLC-LED-1150	4	4
2	F1-F2	90'	-	15'	TLC-LED-1150	1	1
2	F3-F4	100'	-	15'	TLC-LED-1150	2	2
10	P1-P10	40'	-	40'	TLC-LED-400	3	3
4	P11-P14	60'	-	50'	TLC-LED-400	1	1
2	S1-S2	70'	-	70'	TLC-LED-1150	6	6
3	S3-S4, S6	70'	-	70'	TLC-LED-1150	7	7
2	T1-T2	40'	-	40'	TLC-LED-400	3	3
4	T3-T5, T8	60'	-	60'	TLC-LED-400	6	6
1	T6	60'	-	60'	TLC-LED-400	6/3*	9
3	T7, T9-T10	50'	-	50'	TLC-LED-400	3	3
51	TOTALS					317	317

* This structure utilizes a back-to-back mounting configuration



GRID SUMMARY	
Name:	Blanket Grid
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	13.8
Maximum:	89.4
Minimum:	0.0
Avg / Min:	17332/1840.00
Max / Min:	117667/26.00
UG (adjacent pole):	2030.35
CU:	0.95
No. of Points:	2341
LUMINAIRE INFORMATION	
Color / CRI:	5700K - 75 CRI
Luminaire Output:	121,000 / 46,500 / 52,000 / 65,600 lumens
No. of Luminaires:	317
Total Load:	291.75 kW

Luminaire Type	L80 hrs	L70 hrs
TLC-LED-1150	>81,000	>81,000
TLC-LED-400	>81,000	>81,000
TLC-BT-575	>81,000	>81,000
TLC-LED-600	>81,000	>81,000

Reported per TM-21-11. See luminaire datasheet for details.

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 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									
QTY	LOCATION	Pole	GRADE ELEVATION	MOUNTING HEIGHT	Luminaires			TISE GRID	OTHER GRID
					LUMINAIRE TYPE	FTY POLE	TISE GRID		
2	A1-A2	80'	-	15'	TLC-LED-1150	5	5	0	0
4	A3-A5, A8	60'	-	15'	TLC-LED-1150	1	1	0	0
1	A6	60'	-	15'	TLC-LED-1150	1/1*	2	0	0
2	B1-B2	80'	-	15'	TLC-LED-1150	1	1	0	0
2	B3, B8	70'	-	15'	TLC-LED-1150	1	1	0	0
2	B4-B5	70'	-	15'	TLC-LED-1150	1	1	0	0
1	B6	70'	-	15'	TLC-LED-1150	1/1*	2	0	0
4	C1-C2	70'	-	70'	TLC-LED-1150	3/3*	10	0	0
2	D1-D2	90'	-	15'	TLC-LED-1150	1	1	0	0
3	F1-F2	90'	-	75'	TLC-LED-600	2	2	0	0
2	F3-F4	100'	-	90'	TLC-LED-600	15	15	0	0
10	P1-P10	40'	-	25'	TLC-LED-600	2	2	0	0
4	P11-P14	60'	-	40'	TLC-LED-600	3	3	0	0
2	S1-S2	70'	-	70'	TLC-LED-1150	6	6	0	0
3	S3-S4, S6	70'	-	70'	TLC-LED-1150	7	7	0	0
2	T1-T2	40'	-	40'	TLC-LED-600	3	3	0	0
4	T3-T5, T8	60'	-	60'	TLC-LED-600	6	6	0	0
1	T6	60'	-	60'	TLC-LED-600	6/3*	9	0	0
3	T7, T9-T10	50'	-	50'	TLC-LED-600	3	3	0	0
51	TOTALS					317	317	0	0

* This structure utilizes a back-to-back mounting configuration



Compton High School

GRID SUMMARY	
Name:	Blanket Grid
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED MAX VERTICAL FOOTCANDLES	
Entire Grid	
Scan Average:	16.7
Maximum:	101.5
Minimum:	0.0
Avg / Min:	2899446.50
Max / Min:	17999254.00
UG (adjacent pole):	3765.21
CU:	0.95
No. of Points:	2341
LUMINAIRE INFORMATION	
Color / CRI:	5700K - 75 CRI
Luminaire Output:	121,000 / 46,500 / 52,000 / 65,600 lumens
No. of Luminaires:	317
Total Load:	291.75 kW

Luminaire Type	L80 hrs	L80 Type	L70 hrs
TLC-LED-1150	>81,000	>81,000	>81,000
TLC-LED-400	>81,000	>81,000	>81,000
TLC-BT-575	>81,000	>81,000	>81,000
TLC-LED-600	>81,000	>81,000	>81,000

Reported per TM-21-11. See luminaire datasheet 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 ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

GRID SUMMARY	
Name:	Compton High School
Spacing:	50' x 50'
Height:	3'0" above grade

ILLUMINATION SUMMARY	
ENTIRE GRID	
Scan Average:	9611.4
Maximum:	74755.2
Minimum:	0.7
Avg / Min:	85244.23
Max / Min:	12969.88
UG (adjacent pole):	741.36
CU:	0.94
No. of Points:	2120
LUMINAIRE INFORMATION	
Color / CRI:	5700K - 75 CRI
Luminaire Output:	121,000 / 46,500 / 52,000 / 65,600 lumens
No. of Luminaires:	317
Total Load:	291.75 kW

Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>81,000	>81,000	>81,000
TLC-LED-400	>81,000	>81,000	>81,000
TLC-BT-575	>81,000	>81,000	>81,000
TLC-LED-600	>81,000	>81,000	>81,000

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 95% dirt depreciation factor.

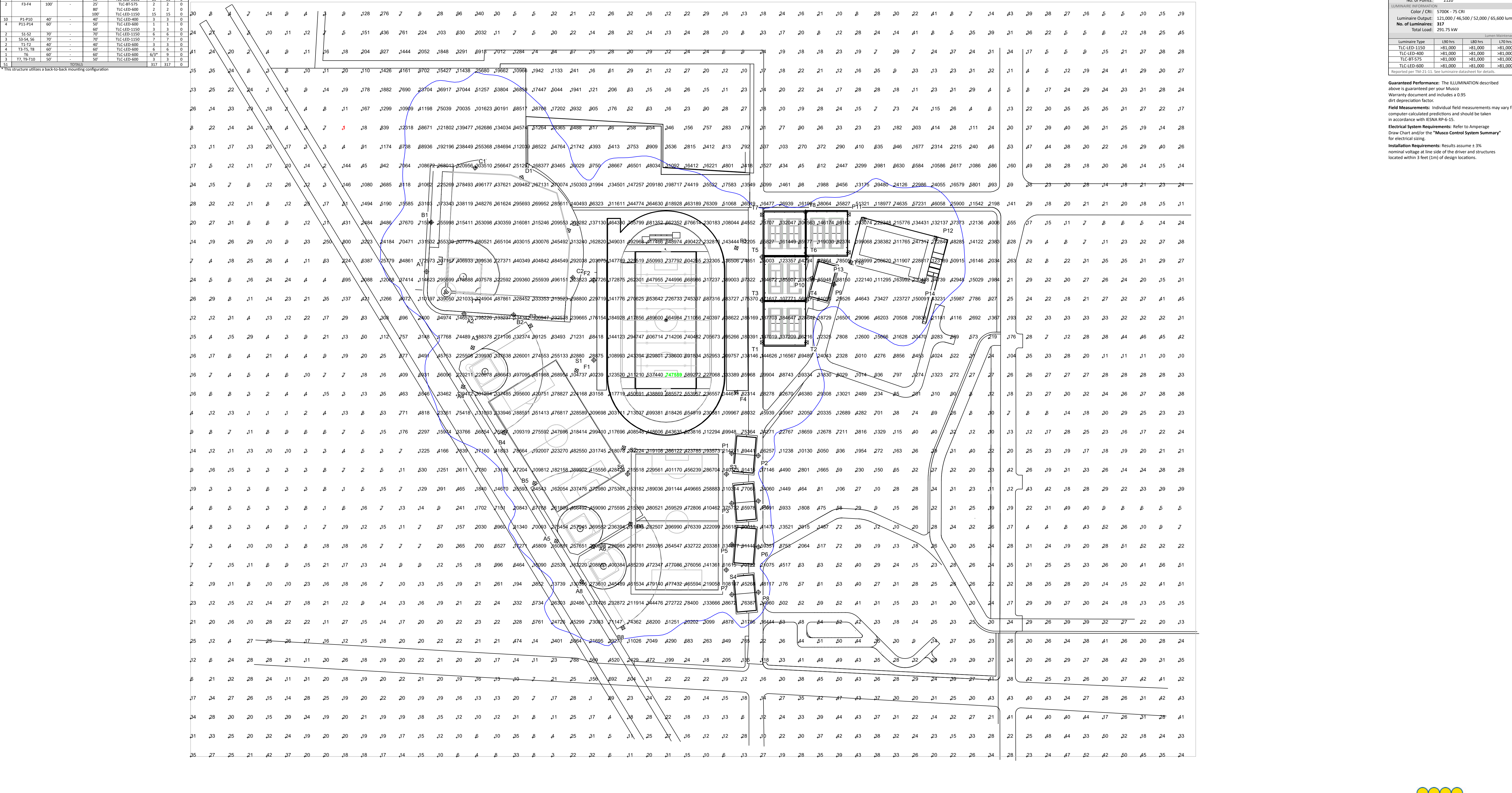
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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						
QTY	LOCATION	Pole		Luminaires		
		HEIGHT	GRADE ELEVATION	LUMINAIRE TYPE	QTY	WATTAGE
2	A3-A2	80'	-	TLC-LED-1150	1	1
4	A3-A5, A8	60'	-	TLC-LED-1150	3	3
1	A6	60'	-	TLC-LED-1150	1	1
2	B1-B2	80'	-	TLC-LED-1150	1	1
2	B3, B8	70'	-	TLC-LED-1150	5	5
2	B4-B5	70'	-	TLC-LED-1150	5	5
1	B6	70'	-	TLC-LED-1150	1	1
4	C1-C2	70'	-	TLC-LED-1150	4	4
2	D1-D2	90'	-	TLC-LED-1150	2	2
2	F1-F2	90'	-	TLC-LED-1150	2	2
2	F3-F4	100'	-	TLC-LED-1150	2	2
10	P1-P10	40'	-	TLC-LED-400	3	3
4	P11-P14	60'	-	TLC-LED-400	3	3
2	S1-S2	70'	-	TLC-LED-1150	6	6
3	S3-S4, S6	70'	-	TLC-LED-1150	7	7
2	T1-T2	40'	-	TLC-LED-400	3	3
4	T3-T5, T8	60'	-	TLC-LED-400	6	6
1	T6	60'	-	TLC-LED-400	6/3*	9
3	T7, T9-T10	50'	-	TLC-LED-400	3	3
51	TOTALS				317	317

* This structure utilizes a back-to-back mounting configuration



NOTES: Contour Line is shown at 25,000 candela.



ENGINEERED DESIGN By: CTemaat • File #192784B • 18-Sep-18

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ILLUMINATION SUMMARY	
Name:	Compton High School
Spacing:	50' x 50'
Height:	3'0" above grade