

Las Olas Parking Garage Façade Lighting Update

Commission Conference Meeting

February 6, 2024



Overview

- November 21 Summary
- Potential Product
- Cost Estimate
- Potential Next Steps
- Outside Counsel

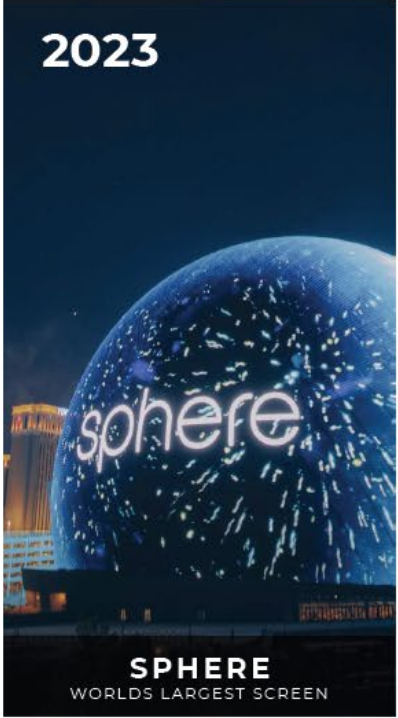
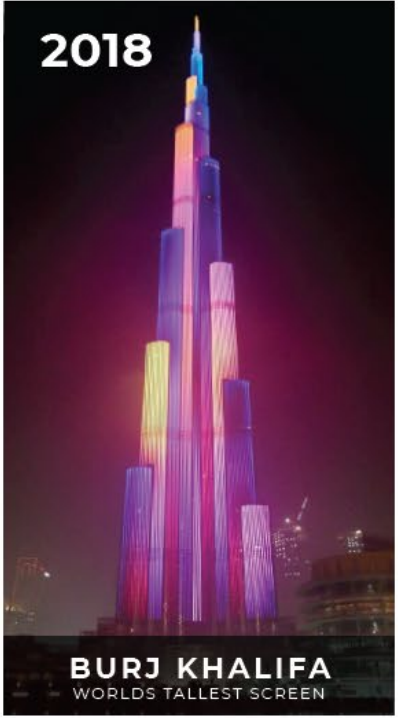
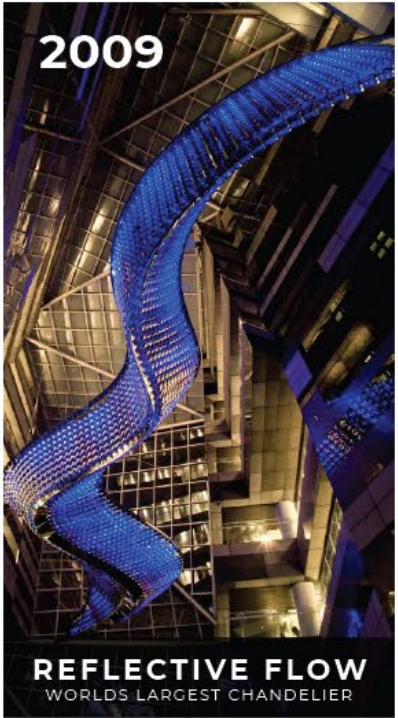
Option	Description	Cost	Outcome
A	<ul style="list-style-type: none">• Replace all façade lights• Upgrade software	\$2,100,000	New Lighting New Software
B	<ul style="list-style-type: none">• Deactivate North and East sides• Purchase new lighting for the South and West sides• Upgrade software	\$1,250,000	New Lighting New Software
C	<ul style="list-style-type: none">• Deactivate North and East sides• Redeploy existing components to South and West sides• Don't upgrade software	\$1,000,000	Old Lighting Old Software
D	<ul style="list-style-type: none">• Purchase new lighting for only non-working lights• Upgrade software	\$350,000	Old Lighting New Software
E	<ul style="list-style-type: none">• Deactivate light programming• Leave façade as-is	\$0	Old Lighting Old Software



Potential Product

SACO Technologies

- 30 years of experience in the development and supply of industry-leading solid-state LED lighting and media solutions.



SACO Installations



HARD ROCK CASINO



TQL STADIUM



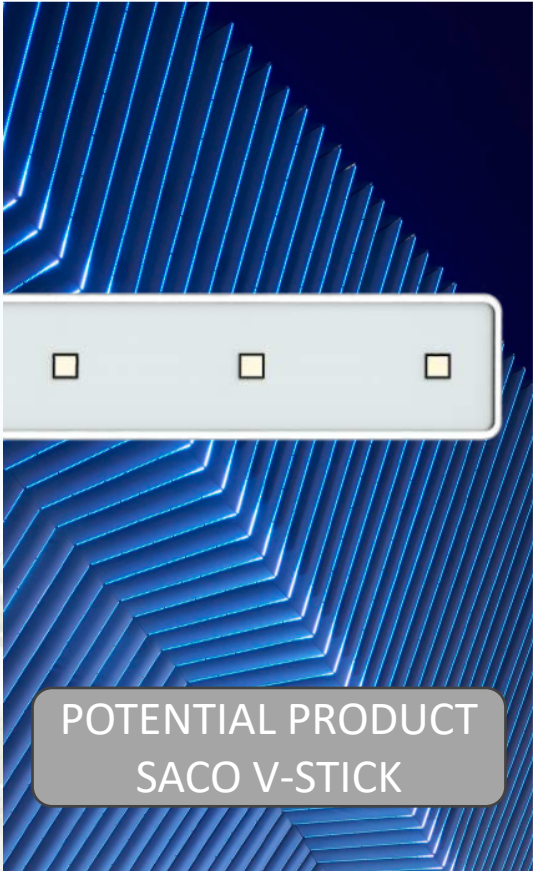
SPHERE



BURG KAHLIFA

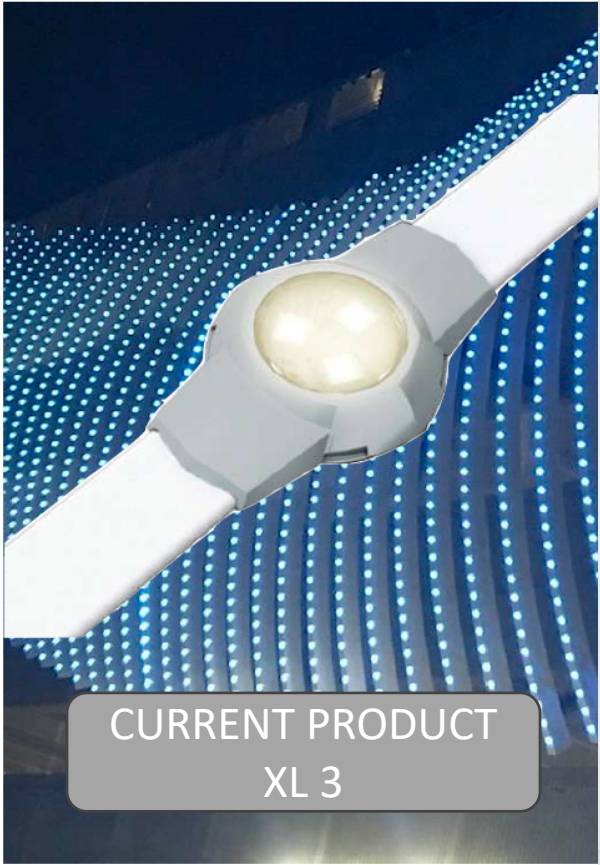


Potential Solution



POTENTIAL PRODUCT
SACO V-STICK

ITEM	SACO V-STICK	DOT XL 3
LED	Nichia	Nichia
Color range	281 Trillion	16.7 million
Color resolution	18-bit	14-bit
Viewing angle	160 deg	120 deg
Light output per foot	100 lm	27 lm (1.4 nodes)
Input Voltage	48 V DC	15 V DC
Efficacy	20 lm/w	11.7 lm/w
Operating temp	-4°F to 122°F	-4°F to 122°F
IP rating	IP66	IP66
Material body	Die cast Aluminum	Thermoplastic
Material front	Silicone	PVC
Lead Cable max length	100m (328ft)	10m (32ft)
LAS OLAS GARAGE COMPARISON		
Pixels per 37ft Fin	444	63
Cables per 37ft Fin	1	2
Total Brightness (Lm)	3,700 lm	994 lm
Total W	185	94.5



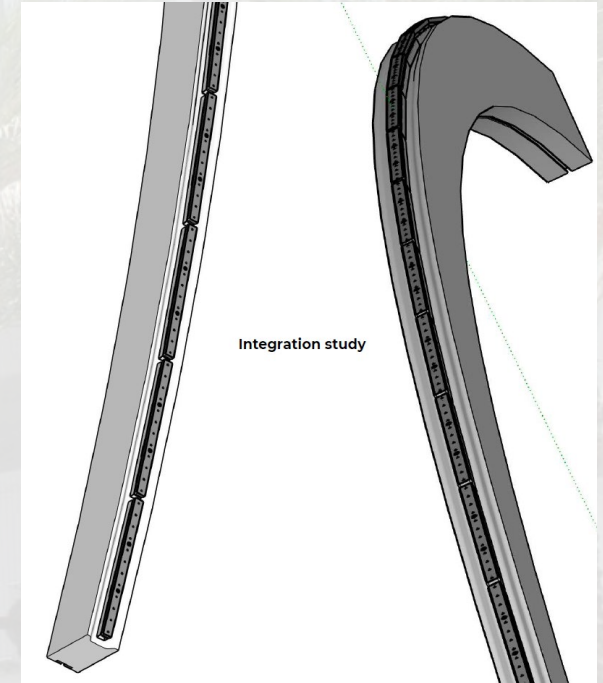
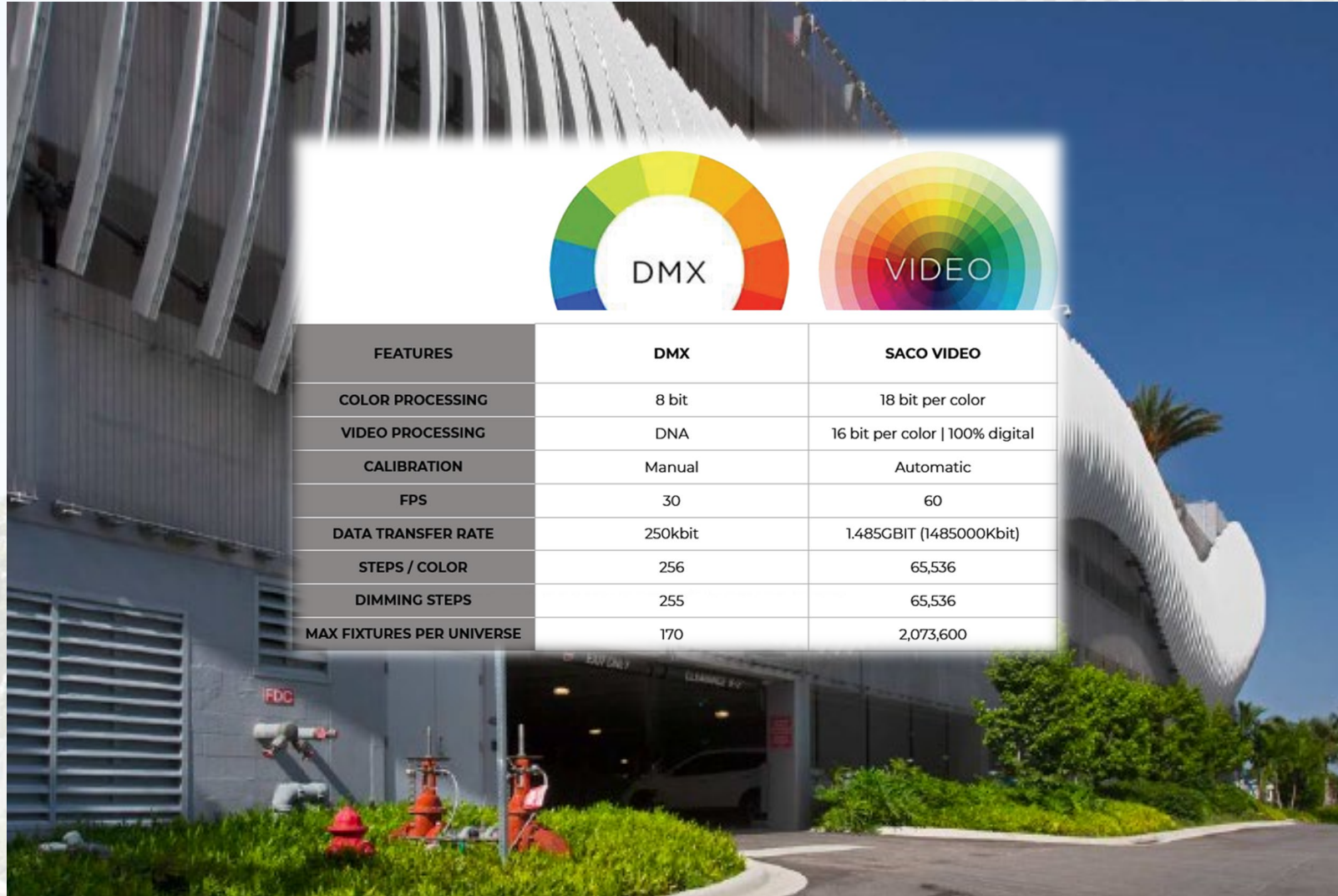
CURRENT PRODUCT
XL 3

[TQL Stadium Video](#)

[Las Olas Garage Video](#)



Configurable for Las Olas Garage



Potential Next Steps

- Estimated Cost: \$3,000,000
 - Product: \$2,000,000
 - Installation: \$1,000,000
- Procurement:
 - Multiple solicitations required
 - Product – Define scope, solicitation, award
 - Installation – Define scope, solicitation, award
- Estimated Timeline:
 - Scope, Procurement, Award, Execution: 6 - 9 months
 - Product Lead Time: 4 - 6 months
 - Installation: 2 - 3 months



Outside Counsel

- City Commission approved an agreement with Kelley Kronenberg, P.A. on November 21, 2023 (CAM 23-1116)
- Completed site visit and initial meetings
- Reviewing documentation to determine next steps

