

An aerial view of an NFL stadium during a game. The field is green with white yard lines and the word "ARIZONA" written in large red letters. The stands are filled with a large crowd of spectators. A large stadium light fixture is visible in the foreground on the left side. The background shows various advertisements on the stadium walls, including Gil River, Dignity Health, Verizon, and DIRECTV. A scoreboard in the background shows a time of 0:58.

***SOLID STATE LIGHTING LIGHTING
IN SPORT STADIUMS***

IT TAKES A SUPER LIGHTING SYSTEM TO LIGHT THE SUPER BOWL



SOLID STATE LIGHTING IN SPORTS STADIUMS

Stadiums are a Business..... Spectators the Customers....



Players are the Instruments

SOLID STATE LIGHTING SYSTEM SOLUTION

ULTRA
HD
4K - 8K



Create Exciting
Fan Experience



Enhancing Player
Performance

Increase
Sporting Events



Reduce
Operating Cost

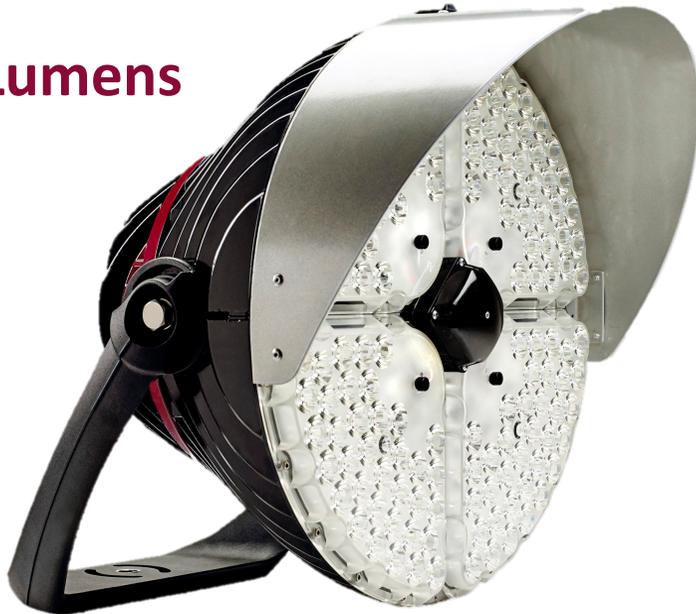


SOLID STATE LIGHTING SOLUTION FOR SPORTS STADIUMS

LED Lighting Systems

Configurable Systems with Full Control Capability

140,000K Lumens



85,000K Lumens



SOLID STATE LIGHTING ENHANCING PLAYER PERFORMANCE

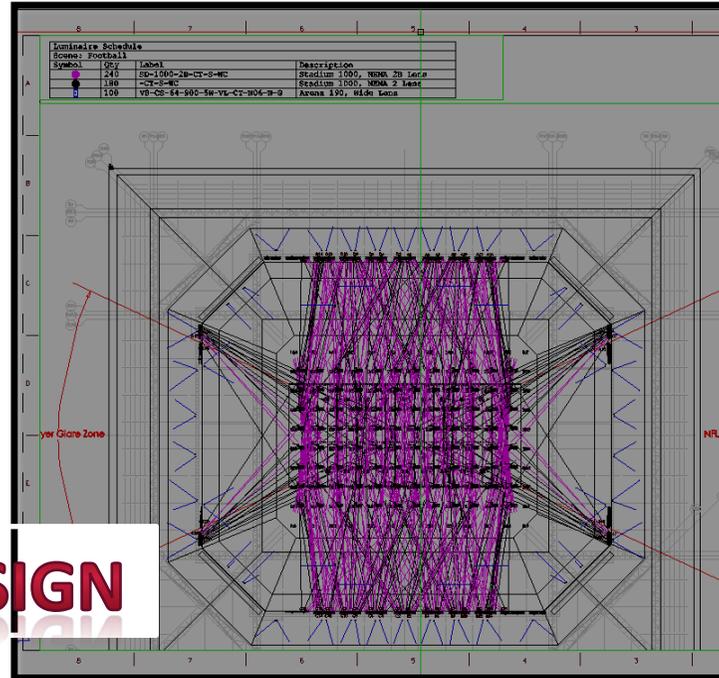
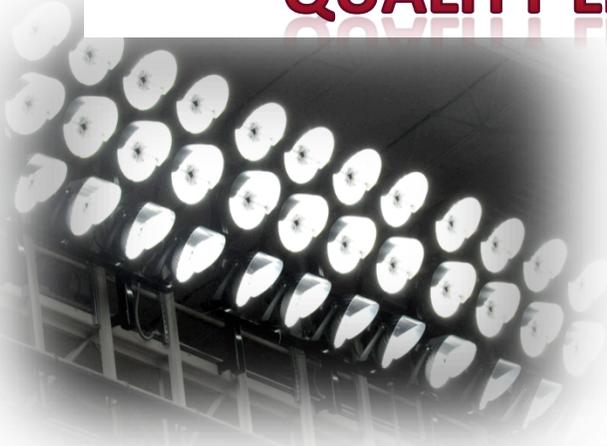
Spectators are obsessed with Player's Performance

Players Speed.... Spiral on the ball..... Replays

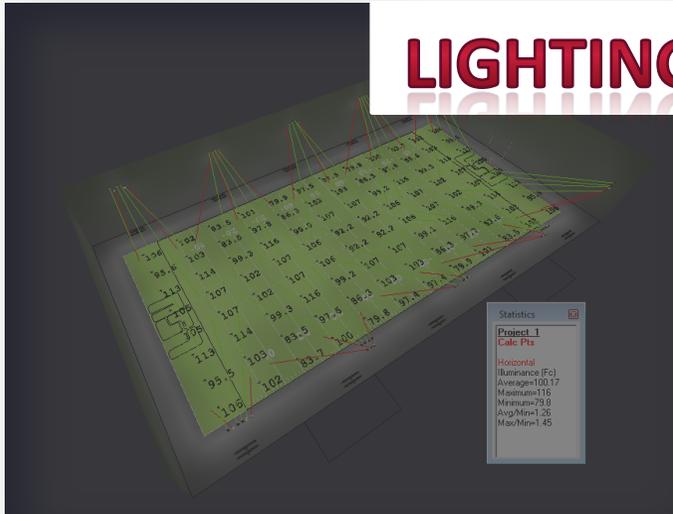


ENGINEERED APPLICATIONS OF SSL

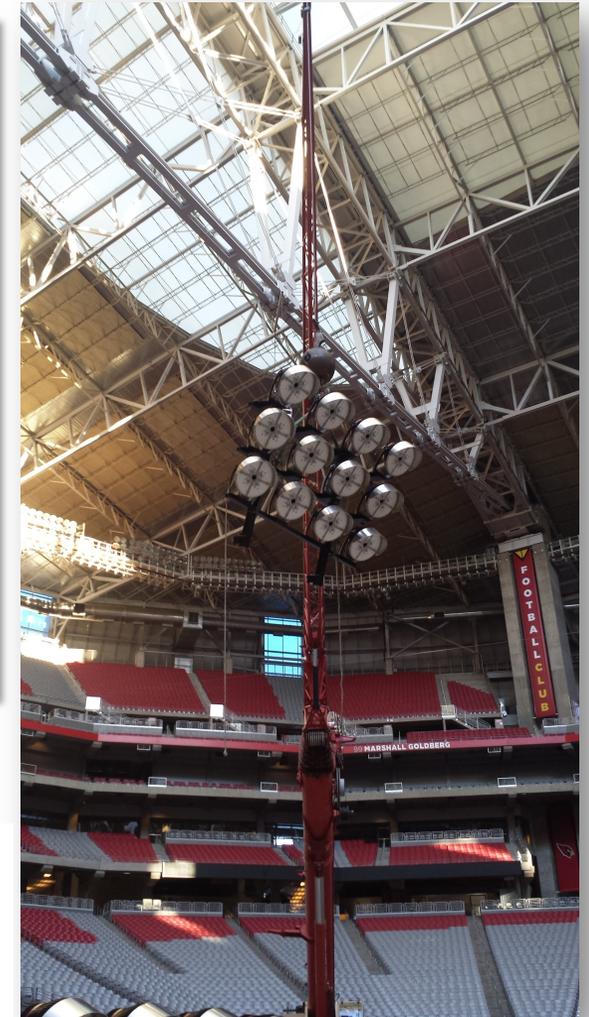
QUALITY LIGHT



LIGHTING DESIGN



ENGINEERED INSTALLATION



LED TECHNOLOGY ENABLING HDTV BROADCASTING INNOVATION



HIGH OUTPUT QUALITY LIGHT
+
ENGINEERED DESIGN
+
PRECISION AIMING
=
**PORTRAIT QUALITY FOR
HDTV BROADCASTING**



© 2015 Eaton, All Rights Reserved

LIGHTING SOLUTIONS THAT OUTSHINE ALL OTHERS.



BROADCASTING INNOVATION



© 2015 Eaton, All Rights Reserved

LIGHTING SOLUTIONS THAT OUTSHINE ALL OTHERS.



BROADCASTING INNOVATION

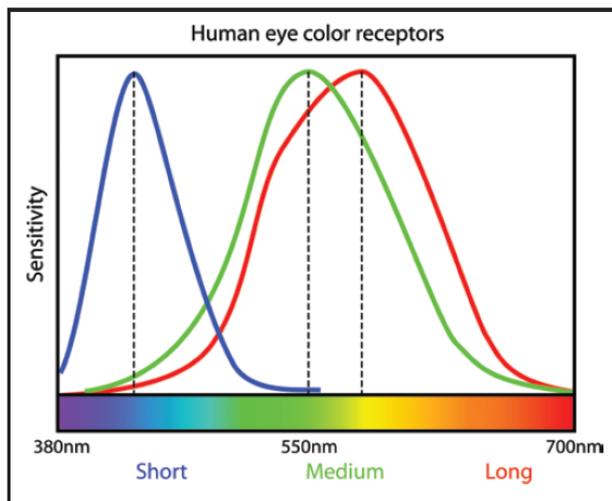
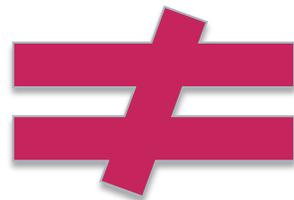


Figure 1 – Human eye color response curves

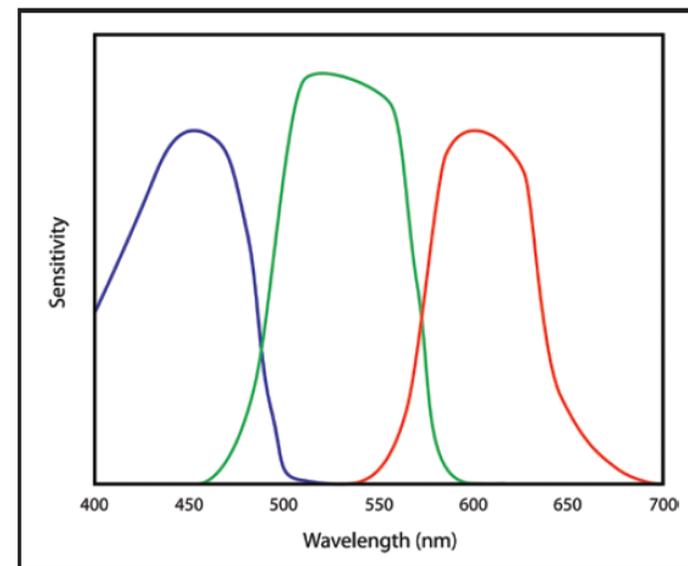
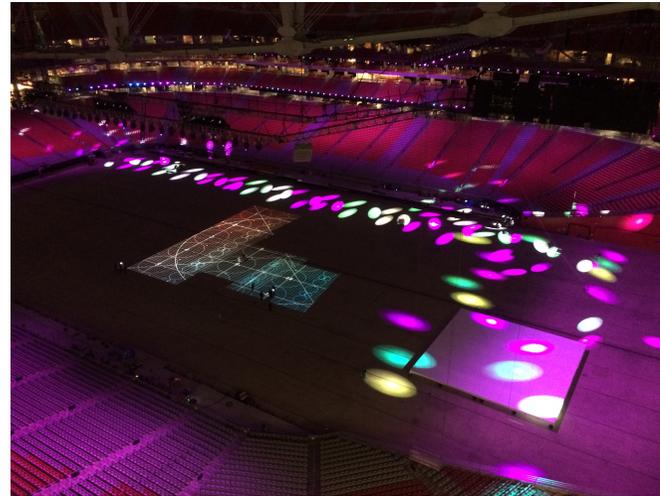


Figure 2 – CCD Camera response curves

ENHANCING FAN EXPERIENCE INNOVATION

Stadium and Arena Color Flooding





© 2015 Eaton, All Rights Reserved

LIGHTING SOLUTIONS THAT OUTSHINE ALL OTHERS.



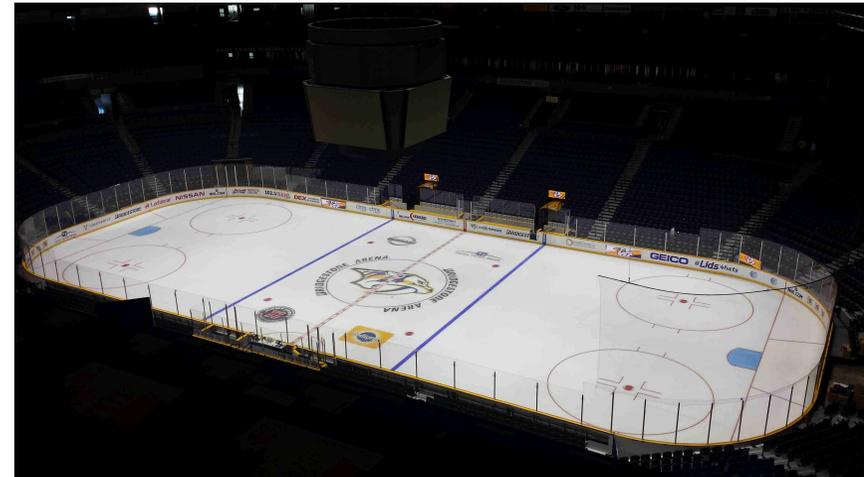
MULTISPORT SSL INNOVATION



CCT = 4200K



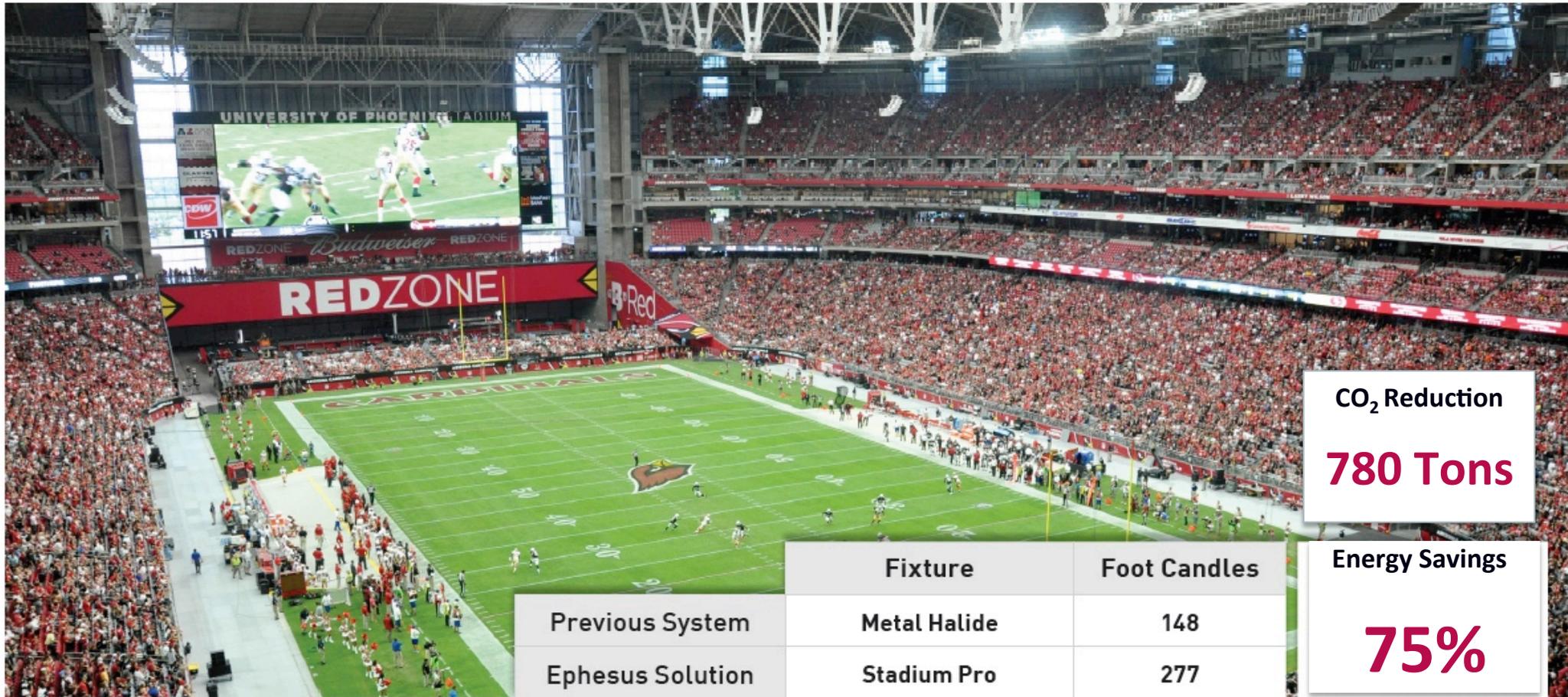
CCT = 5700K



SAVINGS

CASE STUDY

UNIVERSITY OF PHOENIX STADIUM GLENDALE, AZ | NFL FOOTBALL STADIUM



CO₂ Reduction
780 Tons

	Fixture	Foot Candles
Previous System	Metal Halide	148
Ephesus Solution	Stadium Pro	277

Energy Savings
75%

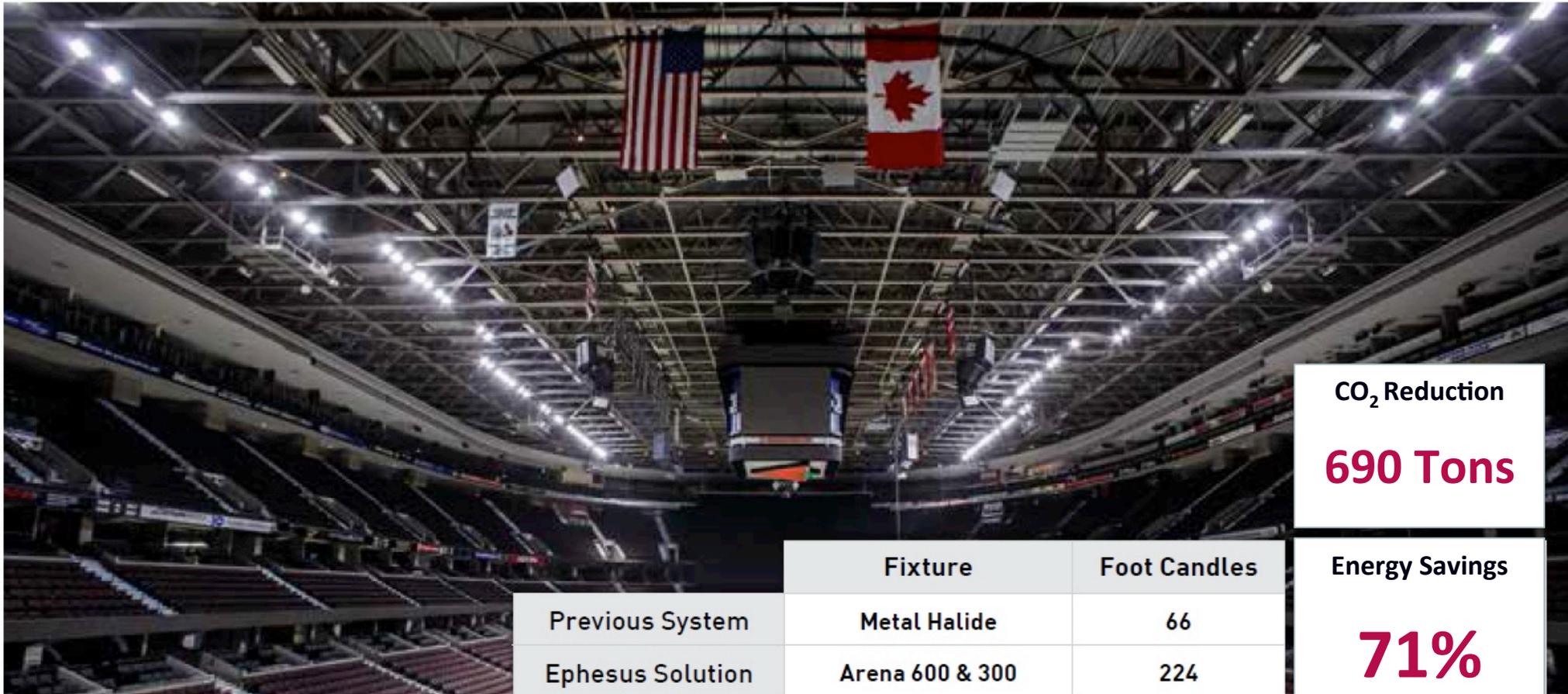
SAVINGS

ARENA
SPORTS/ENTERTAINMENT

CASE STUDY

CANADIAN TIRE CENTRE

OTTAWA, ON | NHL HOCKEY ARENA



CO₂ Reduction

690 Tons

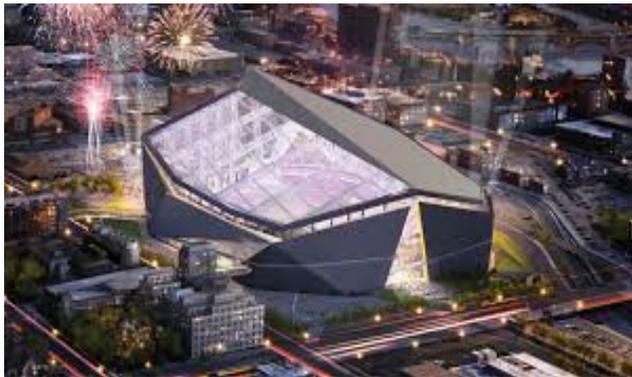
Energy Savings

71%

	Fixture	Foot Candles
Previous System	Metal Halide	66
Ephesus Solution	Arena 600 & 300	224

EPHESUS TECHNOLOGY IN SPORTS STADIUMS

Smart Stadiums are defining the Super Bowls of tomorrow.



Super Bowl of tomorrow is being Defined by IoT Technology



© 2015 Eaton, All Rights Reserved

LIGHTING SOLUTIONS THAT OUTSHINE ALL OTHERS.

