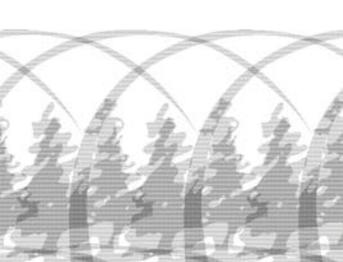
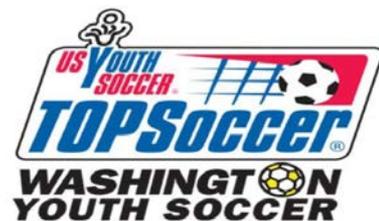


Battle Point Turf Field Development





**RESPECT
CAMPAIGN**



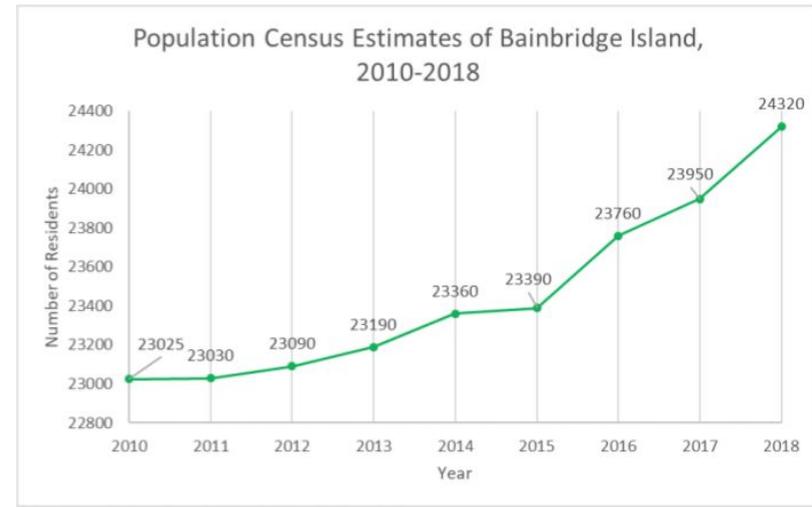
Supporting BIMPRD Values, Vision and Comprehensive Plan

- ❖ Build a healthy community through effective, sustainable stewardship of the District's parks and open space, and through the development and delivery of innovative cultural and recreation opportunities.
- ❖ Population growth - 25,377 in 2020 to 33,611 persons by 2040
- ❖ Sharing community owned assets
- ❖ Leveraging existing assets
- ❖ Prioritizing youth experiences
- ❖ Working collaboratively with partners and user groups to expand and improve facilities and programming



Comprehensive Plan

Parks, Recreation and Open Space 2020



Community Need for Recreation

- ❖ Community and Program Growth
- ❖ Island Sports Growth and BIPD Partnerships
 - Youth and Adult Rec Soccer
 - TOPSoccer
 - Walking Adult Soccer
 - Ultimate Frisbee
 - Boys & Girls LAX
 - Flag Football
- ❖ Seasonal Programs (Soccer)
 - League Games: Sept - Dec
 - State Cup: Jan - Feb
 - HS Girls Club Games: Dec - May
 - Winter Rec Games: Feb - Mar

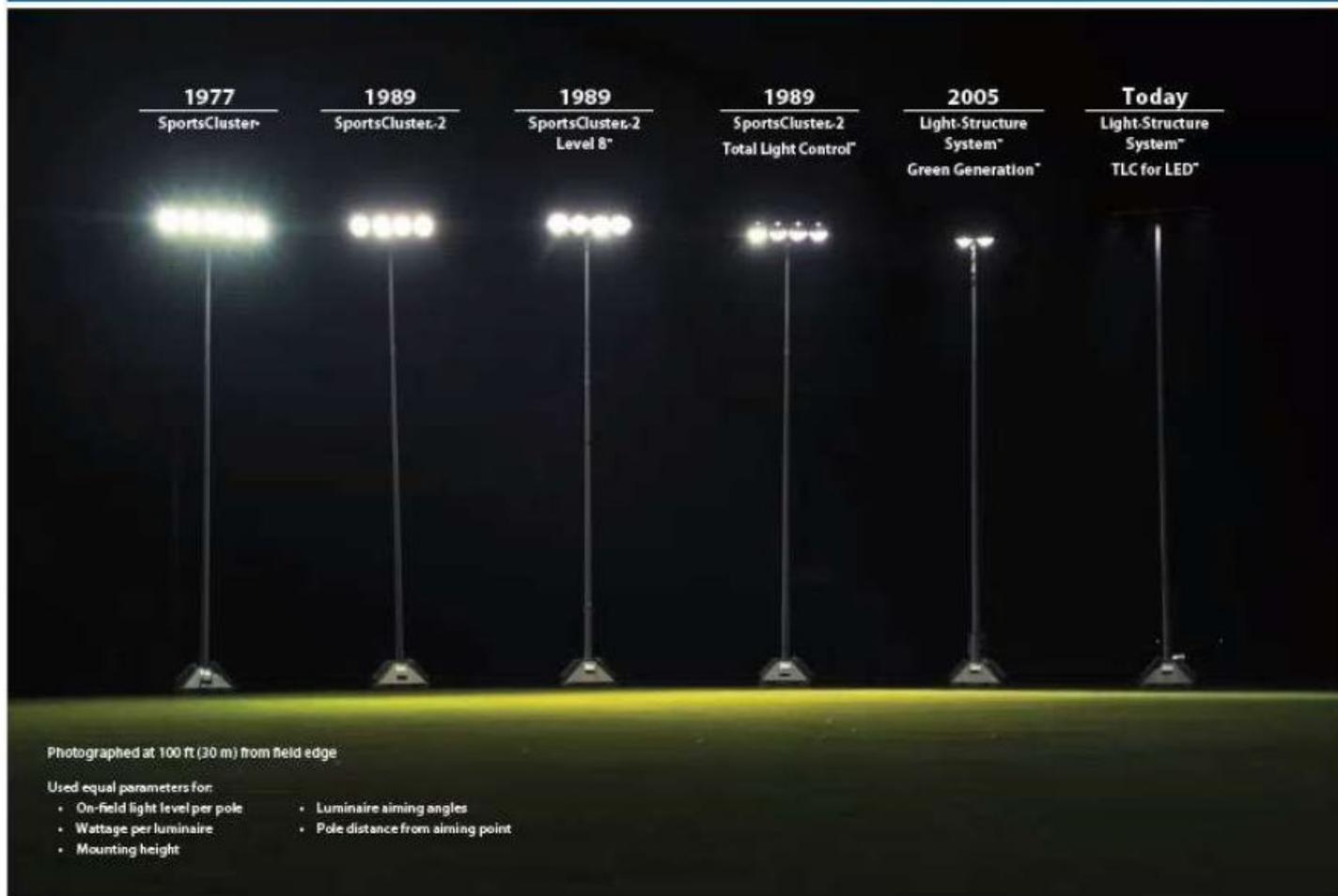


Solution - Lighting Battle Point Turf Fields

- ❖ New Lighting Technology
- ❖ Partnering Approach
- ❖ Weeknights Sept - March
 - Lights not needed after 9pm
 - Partnering with other user groups to schedule 'light off' events (sky watch parties)
- ❖ Special Events
 - Communicate and coordinate events outside these dates/times with Parks, BPAA and other user groups

#Coexist





1977
SportsCluster

1989
SportsCluster-2

1989
SportsCluster-2
Level 8*

1989
SportsCluster-2
Total Light Control*

2005
Light-Structure
System*
Green Generation*

Today
Light-Structure
System*
TLC for LED*

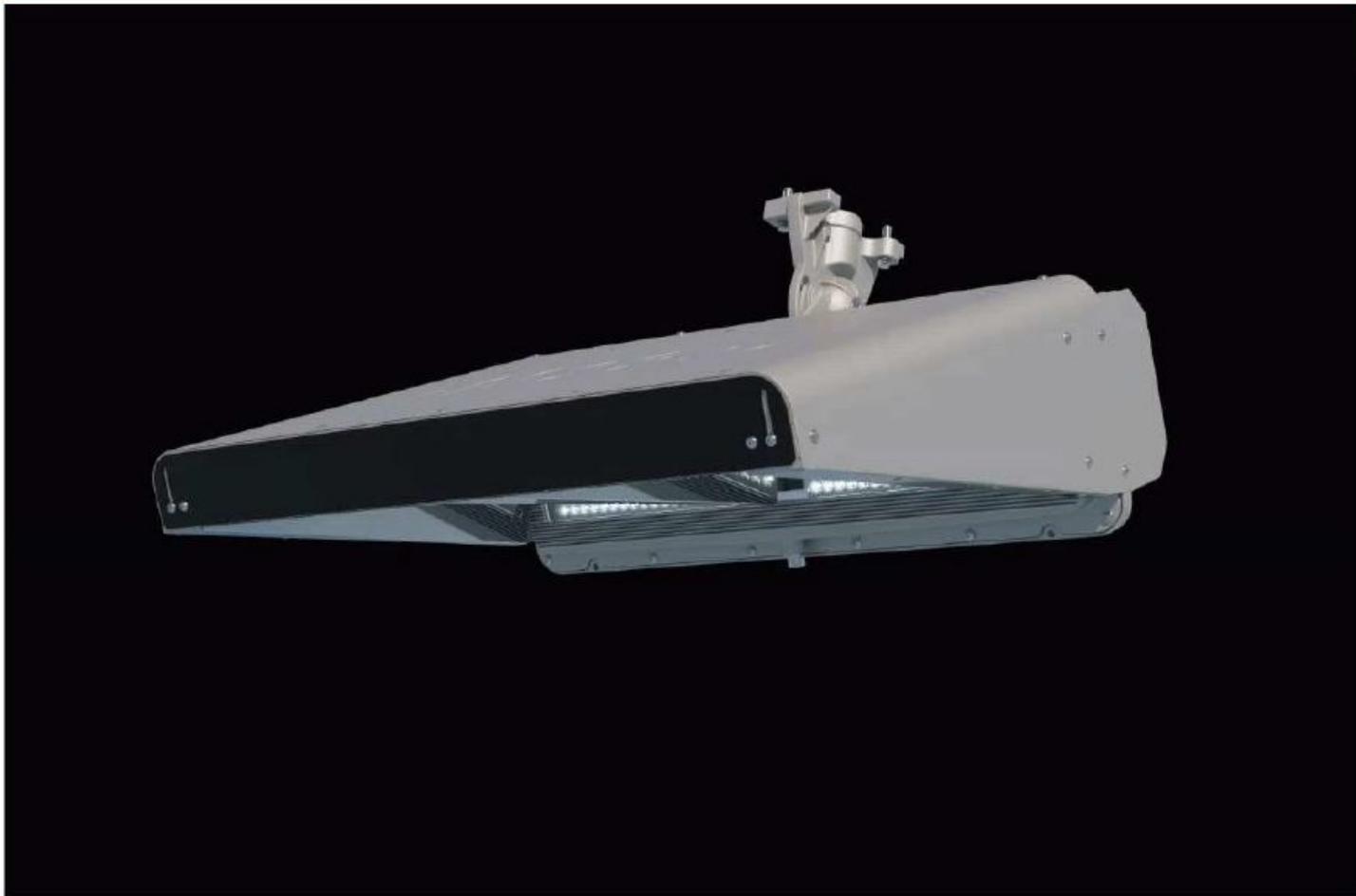
Photographed at 100 ft (30 m) from field edge

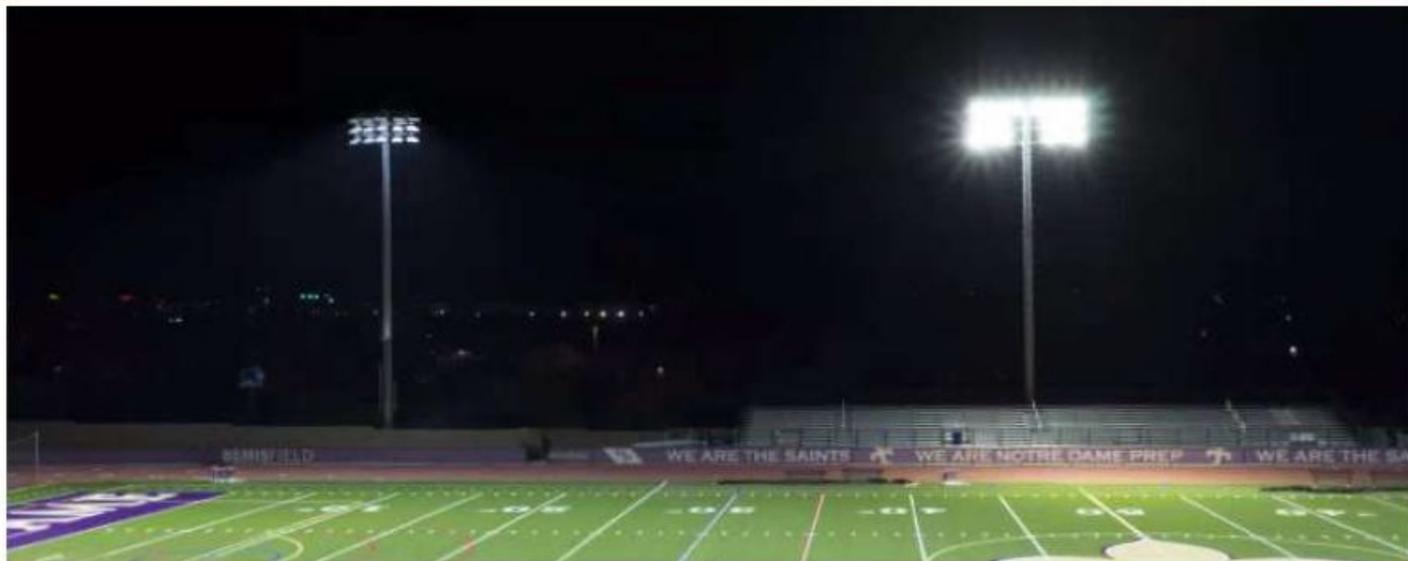
Used equal parameters for:

- On-field light level per pole
- Wattage per luminaire
- Mounting height
- Luminaire aiming angles
- Pole distance from aiming point



©2014 Musco Sports Lighting, LLC - M-1045-0105-2





Musco: what can be

What often is

TOTAL LIGHT CONTROL — TLC FOR LED™

OTHER LED MANUFACTURER

LIGHT LEVEL

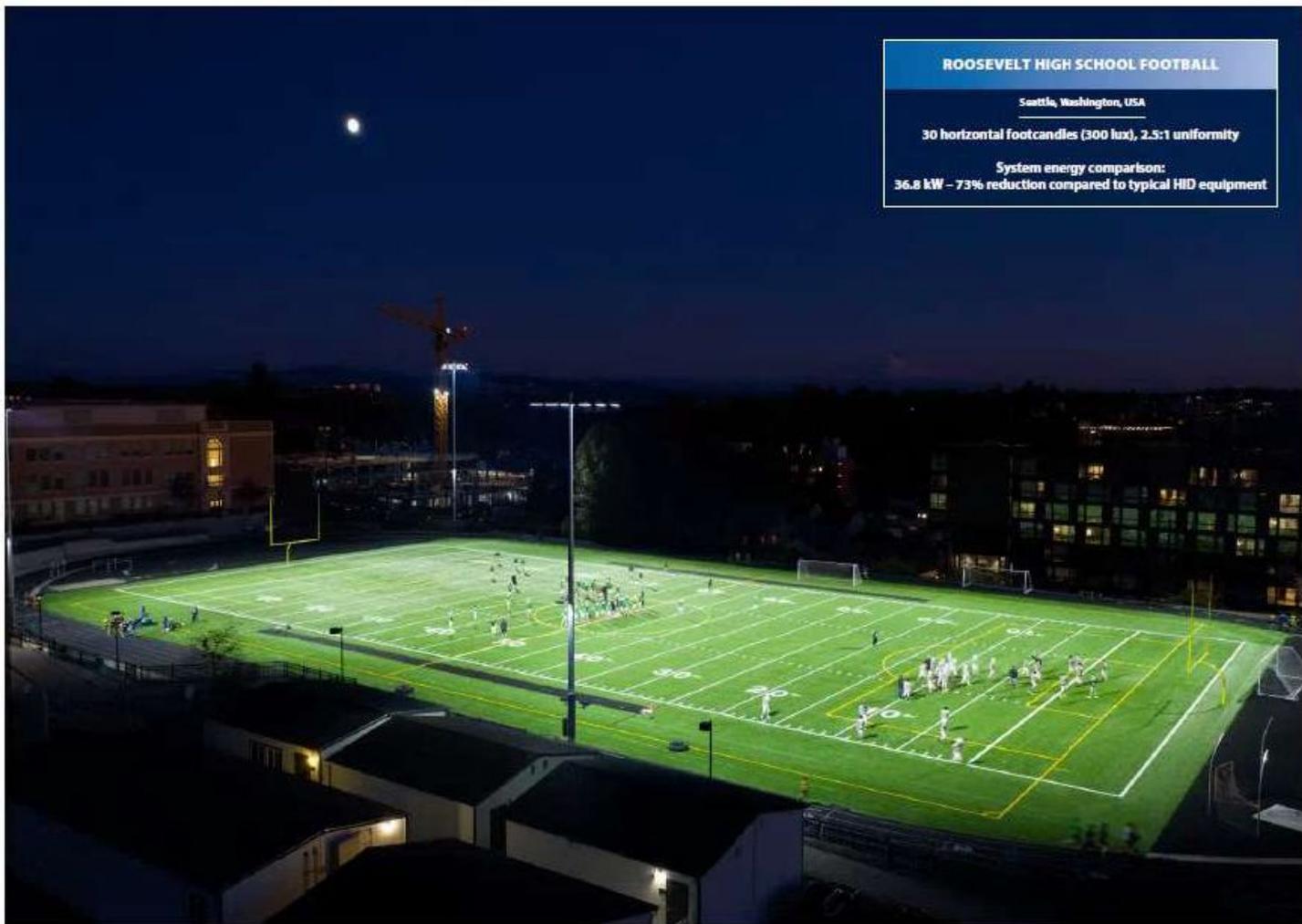
75
horizontal footcandles
(750 lux)

75
horizontal footcandles
(750 lux)

ENERGY CONSUMPTION

103.5 kW

127 kW



ROOSEVELT HIGH SCHOOL FOOTBALL

Seattle, Washington, USA

30 horizontal footcandles (300 lux), 2.5:1 uniformity

System energy comparison:
36.8 kW – 73% reduction compared to typical HID equipment

Supporting Groups, Community Members & BPP Residents

- Marty Pujolar (BI Girls LAX President)
- Chris Blair (Bainbridge Ultimate President)
- Wyatt Friedman (BHS Senior)
- Chris & Tanya Powers (BPP Neighborhood Resident)
- Fred Walters (Community Doctor)





Thank You

