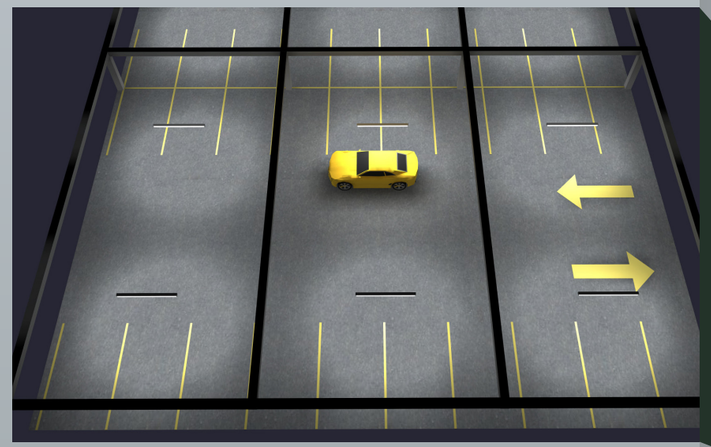
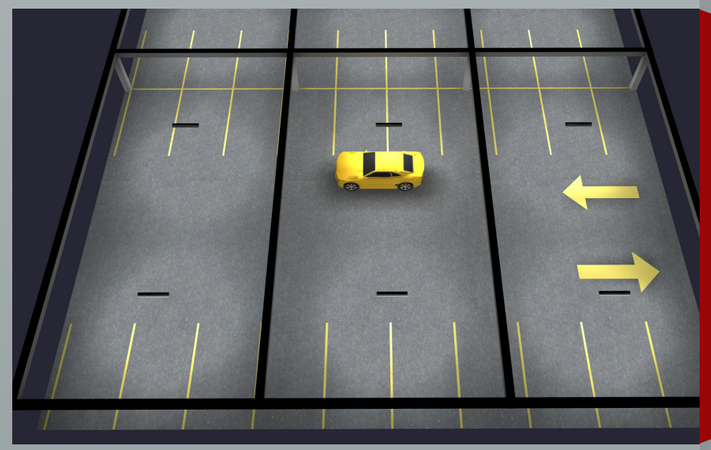
PARKING GARAGE



GOOD

-8 ft strip light
-Versatile and inexpensive
-All three options meets IES recommendation for parking garage facilities
-Less equipment cost but higher installation cost
-Hot spots under the fixtures and glare is a concern

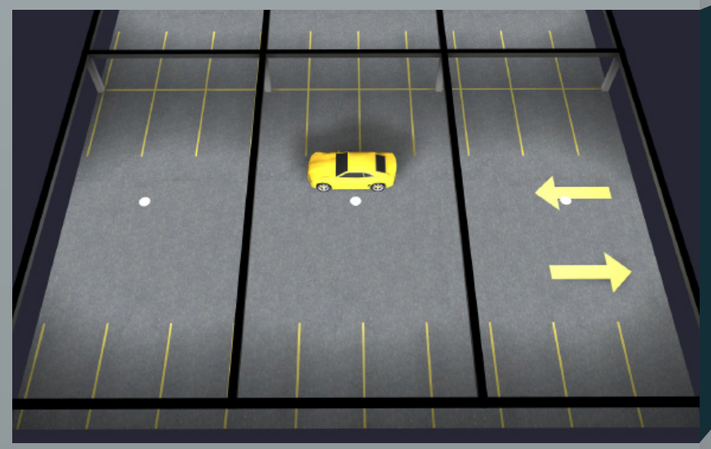
A



BETTER

-Vapor tight and wet location listed
-Vandal resistant with polycarbonate lens
-All three options are available with standalone wired/wireless ambient and motion sensors to comply with T24
-Driveways and parking stalls are well illuminated but glare is a concern

B



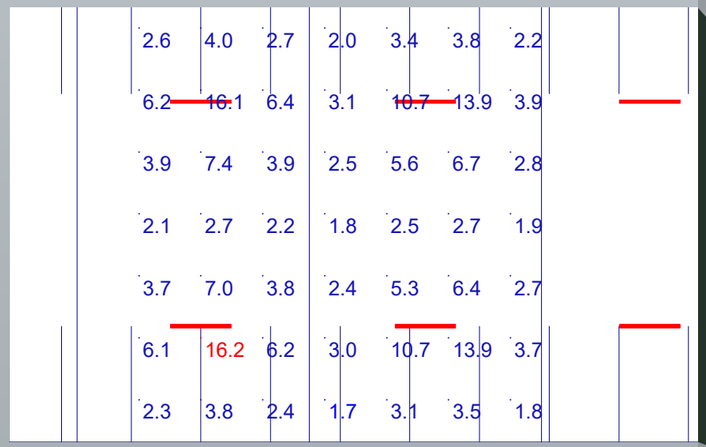
BEST

-LITHONIA VCPG - Upscale and architecturally pleasing
-Visually comfortable lens designed to bring glare control
-Premium wide optic allows single row layout while meeting IES requirements
-Most cost effective installation when comparing fixture + labor
-Uniform lighting throughout with uplight component to eliminate cave effects

C

performance
lighting systems

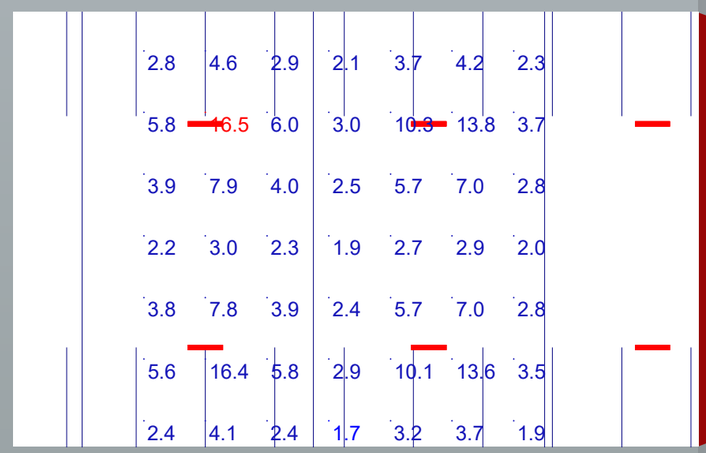
PARKING GARAGE



GOOD

- 4.7 fc avg - 1.7 fc min - 9.7 max/min
- Equipment Cost $
- Labor cost $$

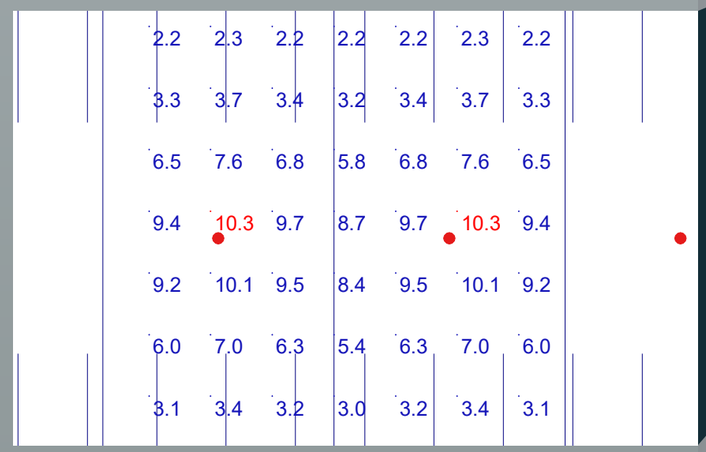
0.042
WATTS/SQ. FT.



BETTER

- 4.8 fc avg - 1.7 fc min - 9.5 max/min
- Equipment Cost $$
- Labor cost $$

0.054
WATTS/SQ. FT.



BEST

- 5.5 fc avg - 1.8 fc min - 5.7 max/min
- Equipment Cost $$
- Equipment Cost $
- Labor Install cost $

0.045
WATTS/SQ. FT.

Typical area of analysis - 32,500 square foot
60 FT standard parking bay with 30 FT driveway
9 FT ceiling

performance
lighting systems

PARKING GARAGE

EMERGENCY EGRESS

Emergency Lighting Is Not A Choice, **It Is The Law!**

But how do you comply NFPA 101 with T24 requirements that have fixture embedded sensors? **Look below.**

CODE NFPA 101: Emergency lighting must remain illuminated for at least 90 minutes. Illumination levels are allowed to decline to an average of 0.6 fc, with a 0.06-fc minimum, at the end of the 90-minute period. NFPA 101 7.9.

Performance Lighting Systems

VCPG Luminaire

huge $$ savings!

- 0-10VDC dimmable luminaire
- Integrated occupant/photo sensor
- CA T24 compliant & UL924 EM listed

\+

-Fed with single EM hot!
- No EM Shunt Relay required!
- Power Interruption > 50 mslights FULL ON 90mins

Inverter

- CA T24 Compliant UL924 Inverter
- Provides 50 ms minimum transfer time

OTHERS

Luminaires by others
-0-10VDC Dimmable
-Option to have integrated sensor device.

\+

EM Shunt
-Required per fixture;
-Externally mounted to avoid UL complications
-$$$ costly

\+

Extra Hot
-Required for sensing loss of power
-Requires seperate conduit
-$$$ costly

\+

Inverter

performance lighting systems