

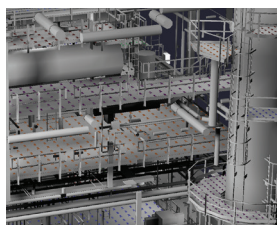
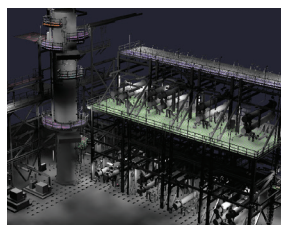
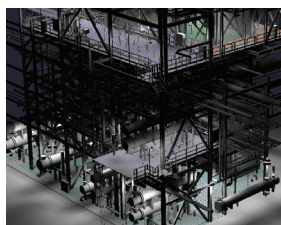
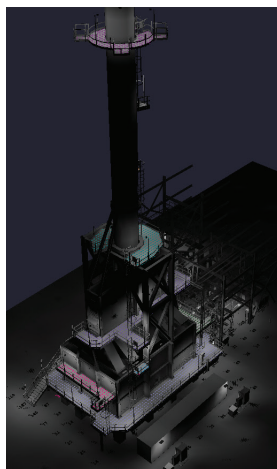
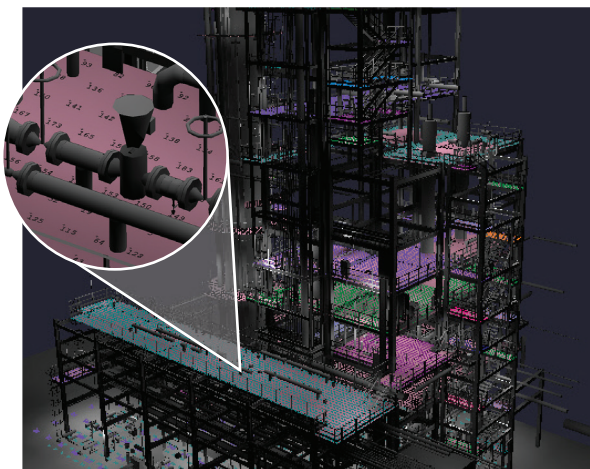


OIL, GAS & MINING



A competitive global market means you need to manage costs and maximize safety and productivity. Your respect for the environment and wildlife are equally important. Optecha has the most global experience in advanced lighting design for the oil, gas and mining industry that focuses on optimization for improved performance and cost reduction. Our specialty is our ability to set clear objectives with the end user, collaborate with EPC's, engineering firms, general contractors and environmental groups. Coupled with LUX-SMITH designs, Optecha is the only firm that can integrate detailed designs using native model file formats such as SmartPlant 3D, Aveva PDMS, Autodesk, Google Sketch up and REVIT.

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and mining industry...



- devoted lighting professionals with decades of lighting experience optimizing for this specific market
- Optecha has documented millions of dollars in cost avoidance through optimization and detailed design
- LUX-SMITH designs meet light level and uniformity requirements based on industry safety standards
- glare is minimized using superior cut-off optics providing visual comfort for operators and neighbors
- luminaires selected are designed for minimal maintenance to avoid high risk aerial tasks
- consideration for safe future access for maintenance
- CRI and color temperature are designed to improve alertness and safety
- LUX-SMITH designs fully respect environmental and wildlife sensitivities
- conduct lighting environmental and wildlife mitigation studies
- designs use RoHS compliant products to ensure hazardous materials are never used
- practical designs that makes sense
- extend the life of your lighting system reducing maintenance and energy by 40-70%
- offer a wide range of solar lighting solutions for temporary, permanent and remote installations
- Optecha can manage design, procurement, installation and post-installation warranty management of the lighting system
- offer resources that can be stationed at the EPC or engineer's office for days or months as required
- Optecha has designed for over 30 billion dollars of construction projects



Improve
Safety



Reduce
Environmental
Impact



Increase
Productivity



Reduce Capital &
Operating Costs



Reduce
Energy



Enhance
Colors