Dialight

DIALIGHT



HAZARDOUS & INDUSTRIAL LIGHTING SOLUTIONS

GLOBAL FOOTPRINT & EXPERTISE



INDUSTRIES

WE SERVE



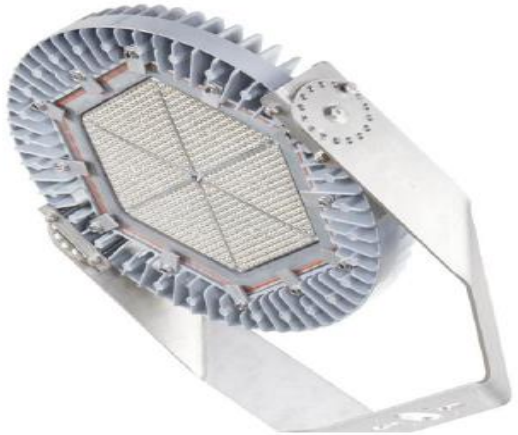
Mining
Oil & Gas
Petrochemical
Chemical
Power Generation

Heavy Industry
Pharmaceutical & Biotech
Food & Beverage
Wood, Pulp & Paper
Automotive
Aviation & Aerospace

Telecom Towers
Broadcast Towers
Wind Turbines
Structures

Rail
Water & Sewage
Military

WHY DIALIGHT



- VERTICALLY INTEGRATED MANUFACTURING
  - DIALIGHT DRIVERS. DESIGNED, ENGINEERED AND MANUFACTURED IN-HOUSE.
  - DIALIGHT MANUFACTURING FACILITIES – ENSENADA, PENANG, ROXBORO (U.S)
- 10-YEAR FULL REPLACEMENT WARRANTY
- LIFETIME: >150,000 HOURS @L70
- HANDLES EXTREME TEMPERATURES – 40C°UP TO + 65°C
- IP66/67
- IK10
- INTEGRATED EMERGENCY OPTIONS
- STATE OF THE ART OPTICS
- FULL RANGE OF COLOUR TEMPERATURES
  - 5000K, 4000K, 2700K, 2200K . AMBER AND GREEN OPTIONS
- HAZARDOUS AND NON-HAZARDOUS SOLUTIONS
  - ATEX/IECEX, UL, INMETRO, CE, CSA, ENEC.







PRODUCT
PORTFOLIO



HIGH BAYS



BULKHEAD & CONVEYOR LIGHT



AREA LIGHTS



FLOODLIGHTS



STREETLIGHTS



LINEARS





PRODUCT

PORTFOLIO











HIGHBAYS & LOW BAYS

- Non-Hazardous & Zone 1
- 11,000 – 72,000 lumens
- 100-277 VAC, 120-250 VDC
- IP66/67
- Emergency Battery Backup
- Various optics available

AREALIGHTS

- Non-Hazardous & Zone 1
- 6000 – 9,000 lumens
- 100-277 VAC, 120-250 VDC
- IP66/67
- Emergency Battery Backup
- Various optics available

LINEAR

- Non-Hazardous, Zone 1 & Zone 2
- 2875 – 6000 lumens – 2ft & 4ft
- 100-277 VAC, 120-250 VDC
- IP66/67
- Emergency Battery Backup

STREETLIGHTING

- Non-Hazardous and Zone 2
- 12,000 – 30,000 lumens
- 100-277 VAC, 120-250 VDC
- IP66/67
- Emergency Battery Backup
- Various optics available

PRODUCT

PORTFOLIO



FLOODLIGHTS

- Non-Hazardous & Zone 2
- 11,000 – 65,000 lumens
- 100-277 VAC, 120-250 VDC
- IP66/67
- Emergency Battery Backup
- Various optics available



HIGH OUTPUT FLOODLIGHTS

- Non-Hazardous
- 90,000 – 180,000 lumens
- 220 VAC - 480 VAC
- IP66
- 5-year warranty
- Integral/External driver
- 20 – 50m mounting height



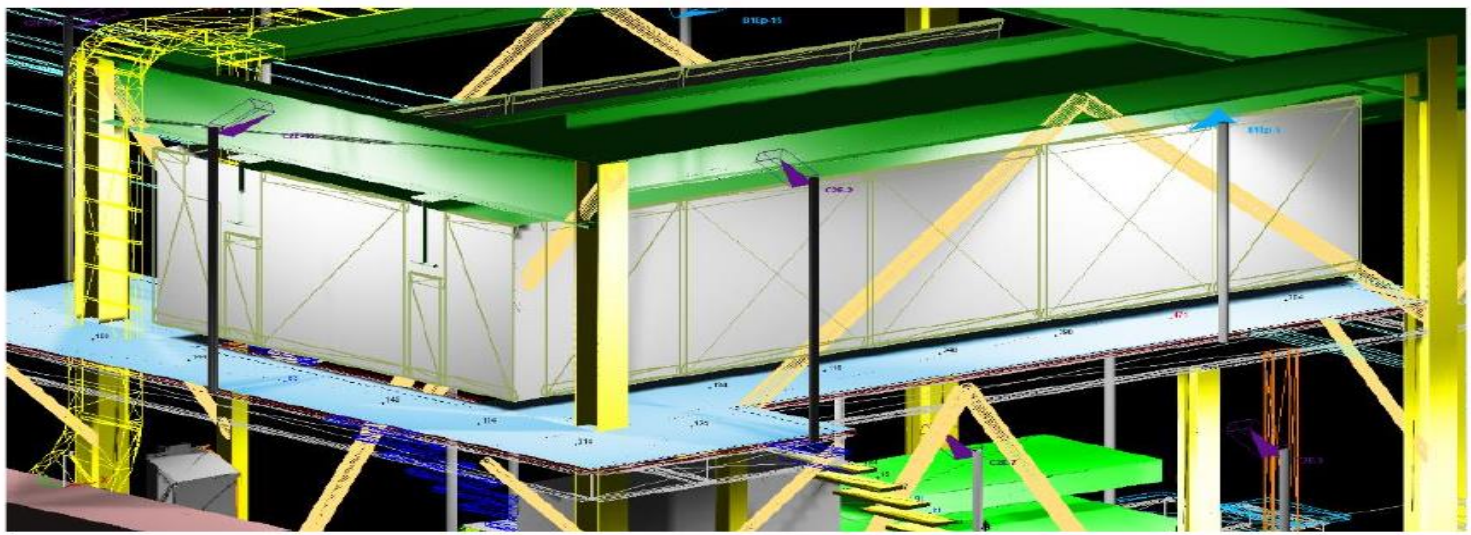
BULKHEADS

- Non-Hazardous & Zone 1
- 3,500 – 6,500 lumens
- 22W & 45W
- 100-277 VAC, 120-250 VDC
- IP66/67
- Emergency Battery Backup
- Wide & Circular Optic
- >15m Spacing on Walkways

LIGHTING DESIGN SOLUTIONS

- The Dialight - End to End solution
- Pre-Feed and Feed estimations/concept designs.
- Full detail design in 2D or 3D.
- Navisworks, AutoCAD, MicroStation, Revit, Smart Plant, Solidworks, Solid Edge, PDF etc..
- Design is completed in the engineering model space.
- Luminaires are placed manually with precision in the correct coordination in model space
- Optics Optimization – Smart design solution.
- Mounting arrangements for each luminaire, accessibility and ease of installation.
- Cost savings for EPC:
    - Time to complete design
    - Modelling (Dialux – AGI)
    - Mounting arrangements
    - Savings on qty of lights, poles, junction boxes etc.
    - Complete Material Take-Off (MTO)





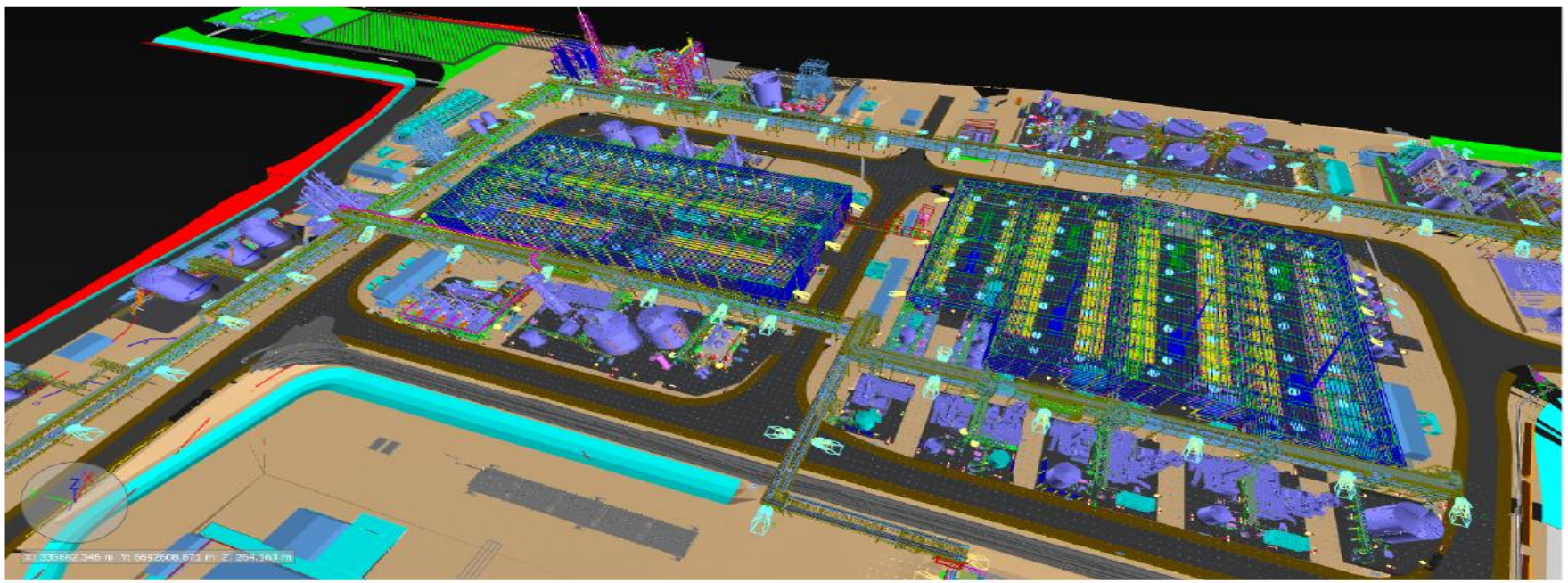
LIGHTING DESIGN SOLUTIONS

SUMMARY - DELIVERABLES

- Full 3D Lighting design – imported from Navisworks or relevant 3D Software
- PDF lighting reports
- Full Material Take-off - MTO
- Data Sheets
- Luminaire 3D files to be imported into all relevant Engineering Software (3d Models) to exact coordinates as per model provided
- Labelling of luminaires boxes according to design

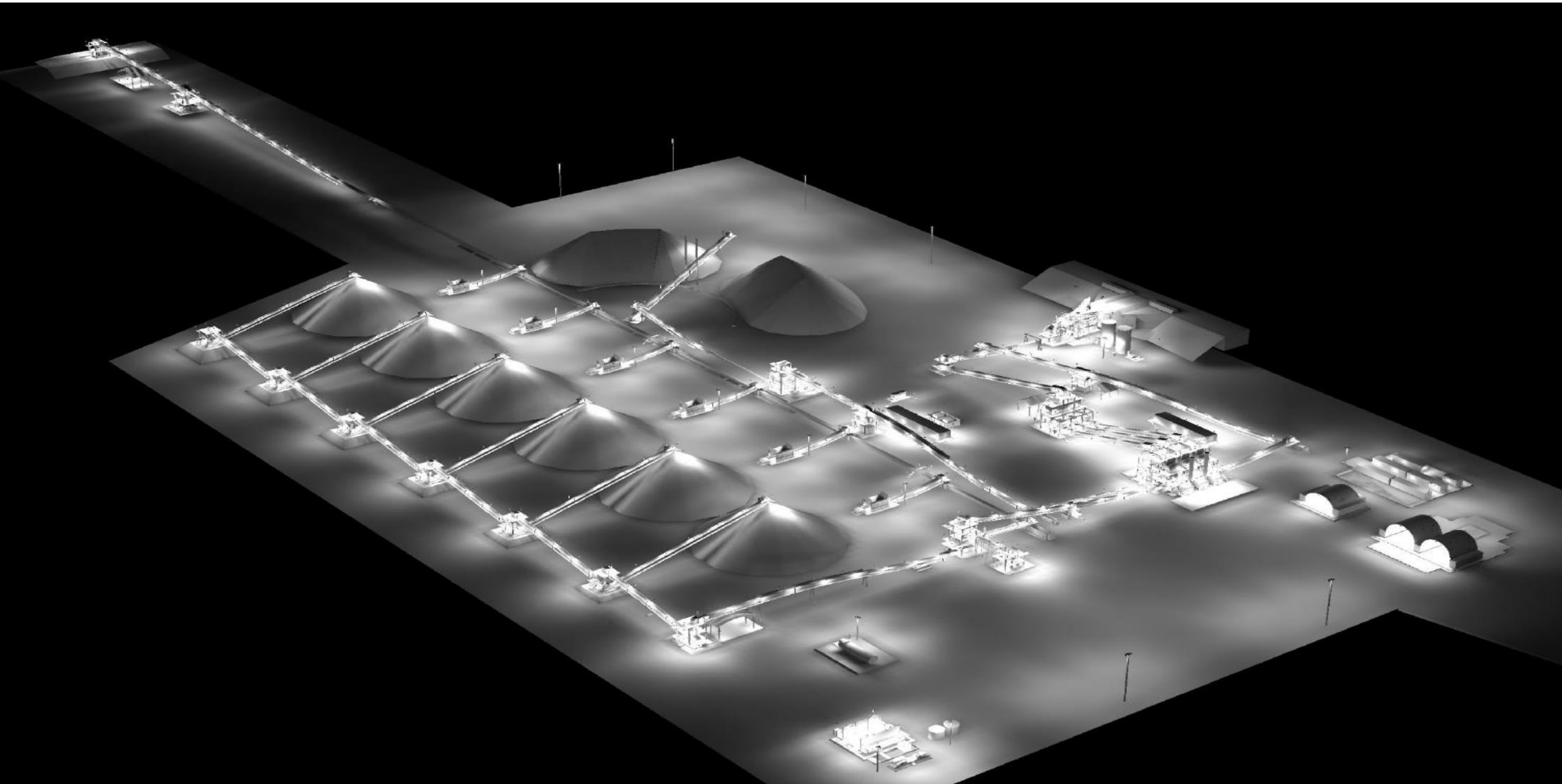


End to End Solution



LIGHTING DESIGN EXAMPLES

Dialight



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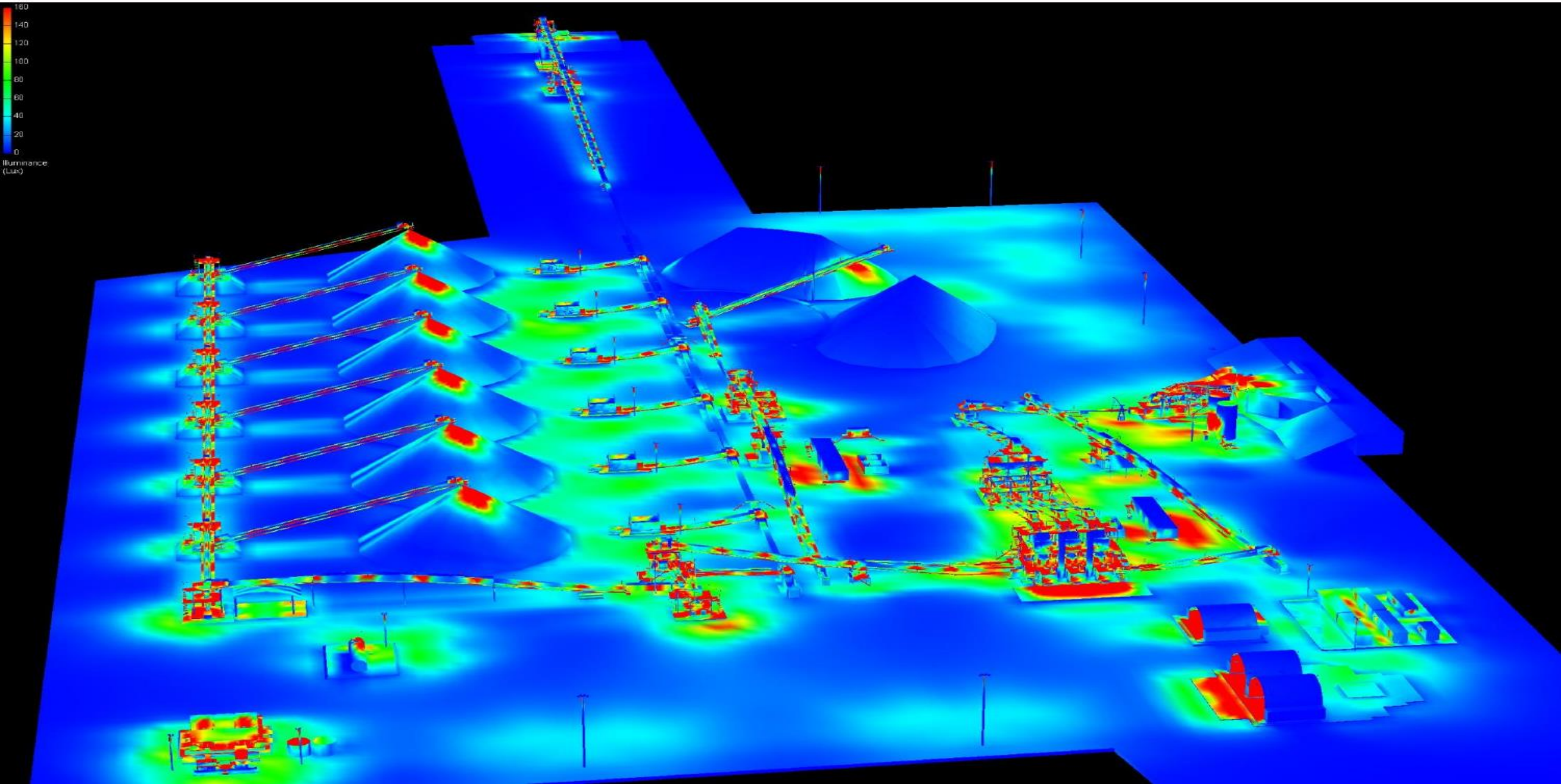

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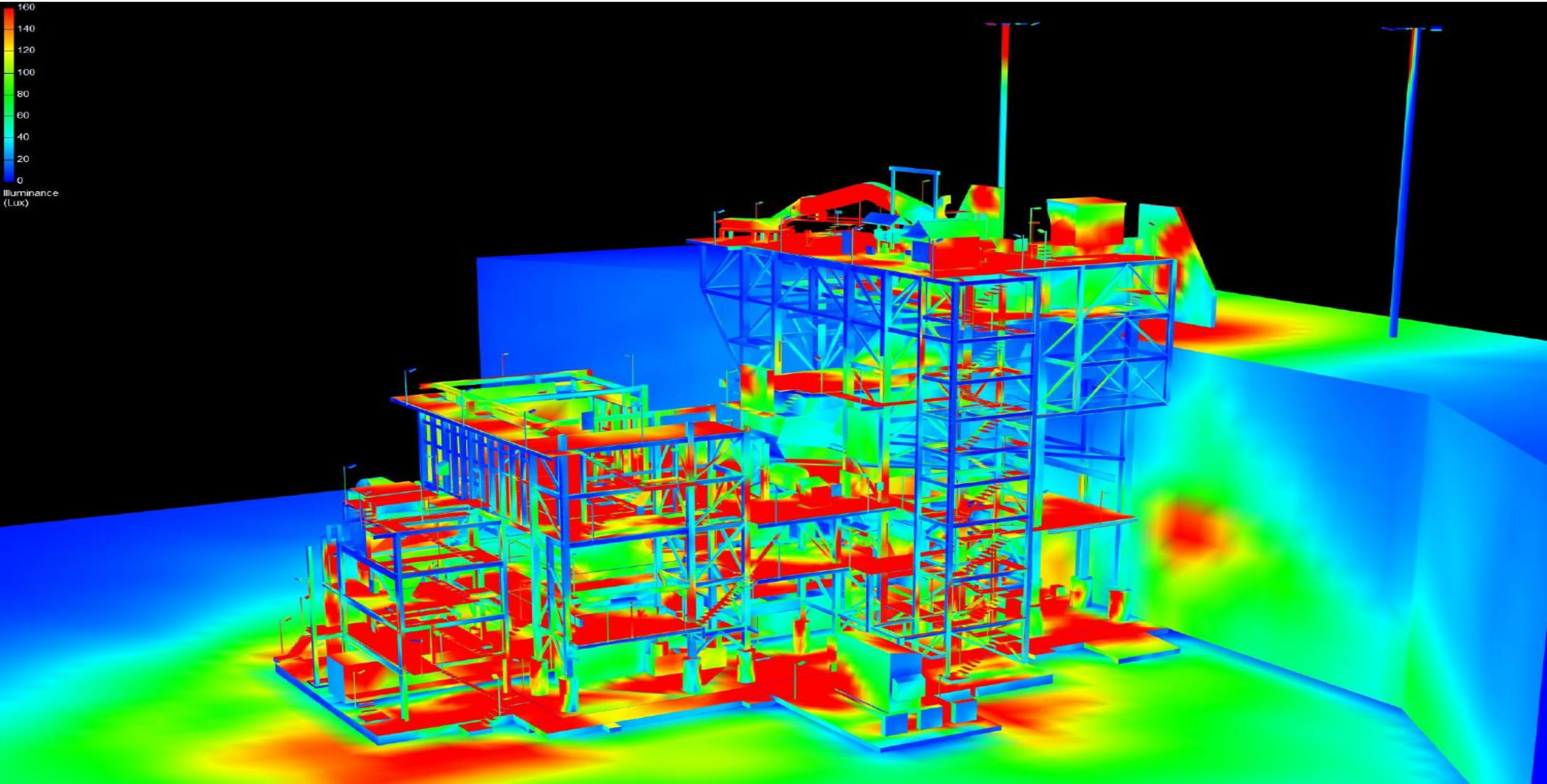

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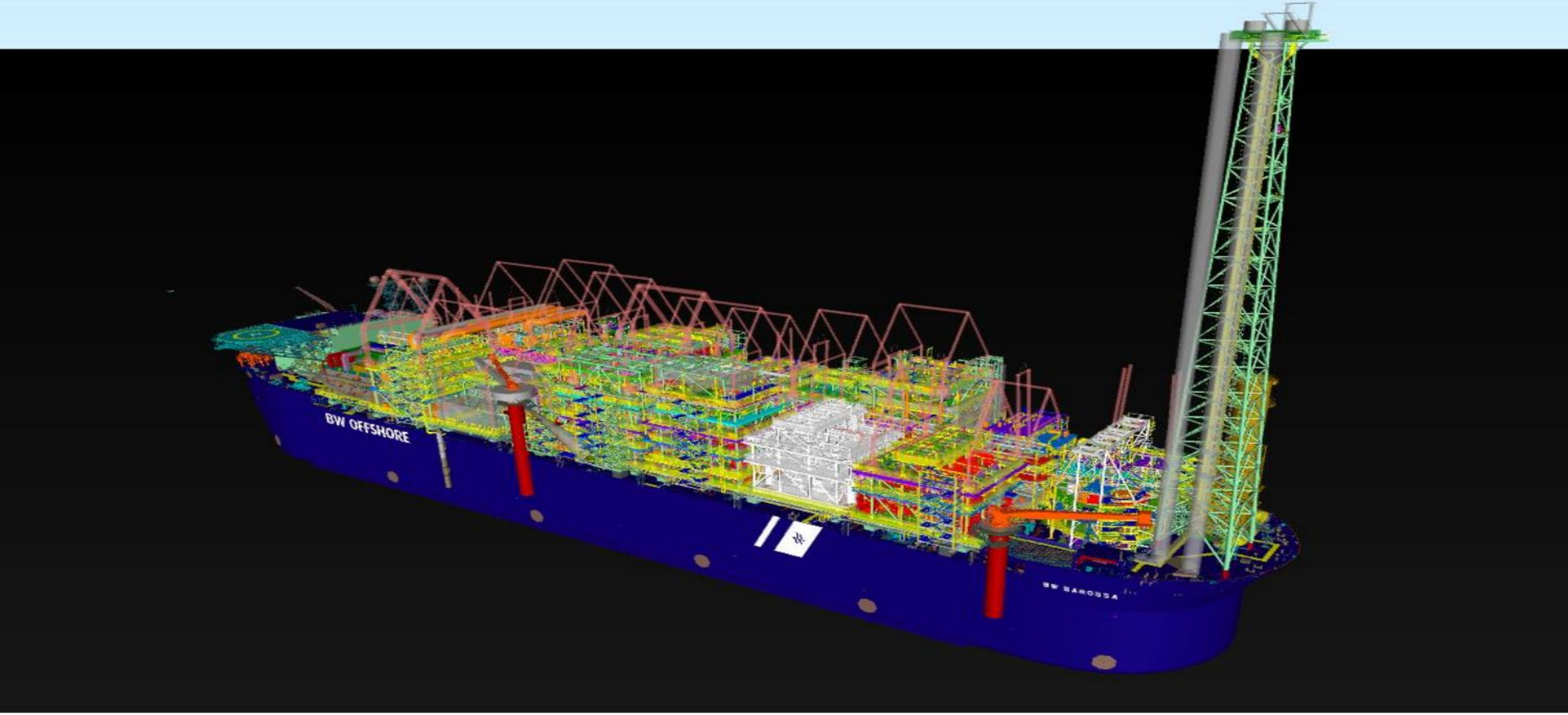

LIGHTING DESIGN EXAMPLES



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