

DRON & DICKSON

LIGHTING DESIGN UPGRADE

Success Stories



Dron & Dickson



Delivering a fast-track lighting design upgrade.

The Background

Dron & Dickson were contacted by an international client to support a new lighting design across multiple modules of their offshore asset. The scope came with tight deadlines, high technical expectations, and strict compliance requirements, demanding a responsive and well-coordinated delivery approach to work alongside some major upgrade works.

Drawing on our in-depth understanding of the asset, the client trusted Dron & Dickson to deliver a solution within an accelerated timeframe, to ensure compliance with both the operators lighting standards and regulatory requirements.

Project Overview

Working in collaboration with one of our trusted lighting partners, Dron & Dickson delivered a fully engineered lighting package designed to meet both regulatory and human comfort standards, including:

- NORSOK standards
- BS EN1838
- PS-015
- IEC 61892-2

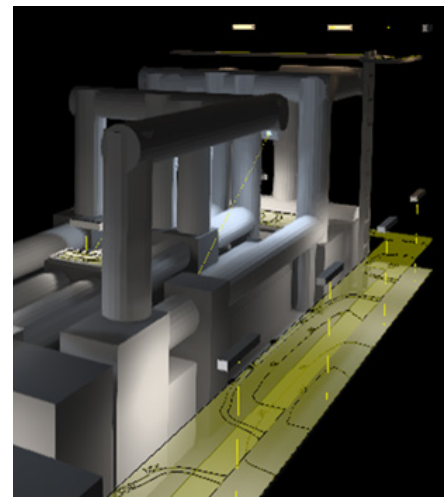
Key projects tasks included:

Engineering, Sourcing, and Design Verification.

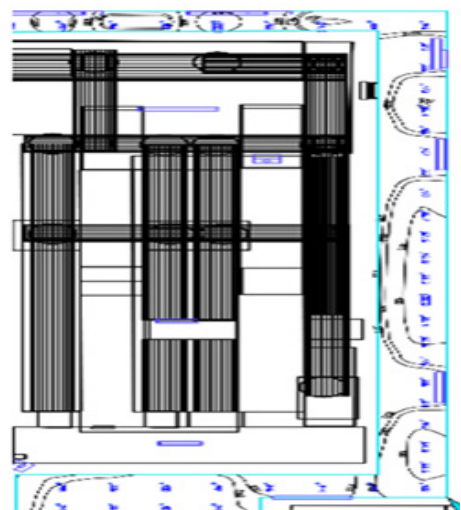
Using Dialux alongside industry-standard 3D modelling tools, our engineering team verified lighting positions, lux levels, and uniformity throughout the asset. This ensured full compliance with applicable standards while enhancing operational safety and personnel comfort.

Despite the compressed schedule, the team successfully produced a complete suite of engineering deliverables, including:

- Lighting block diagrams
- Lighting layouts
- Single line diagrams
- Cable schedule
- EX register
- Lighting calculation report
- MTO (Material Take-Off)



3D image created using Dialux



Lighting level plan



Delivery

To maintain momentum and reduce risk, Dron & Dickson deployed a dedicated project focal point overseas to liaise directly with the client and verify lighting mounting points on the asset. In parallel, three project engineers worked simultaneously, utilising AutoCAD, Navisworks, Modecsoft, and Dialux to progress the design efficiently and accurately.

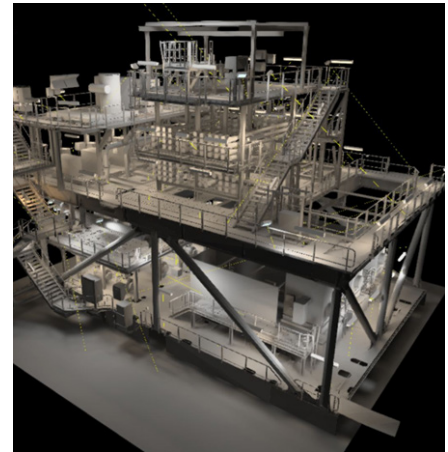
This parallel working model allowed design verification and coordination to proceed without delay, supporting the project's fast-track delivery.

The Result

The project was successfully completed within the planned timeframe, meeting all technical, safety, and compliance requirements. Dron & Dickson's performance was commended by the client for its efficiency, professionalism, and collaborative approach.

This project highlights Dron & Dickson's ability to deliver high-quality lighting design solutions under pressure, demonstrating agility, technical excellence, and strong client engagement.

With this Dron & Dickson have been able to provide another offering to their existing clients and provide a collaborative approach with our wholesale team when sourcing the most appropriate lighting options.



3D uploaded scan on lighting software