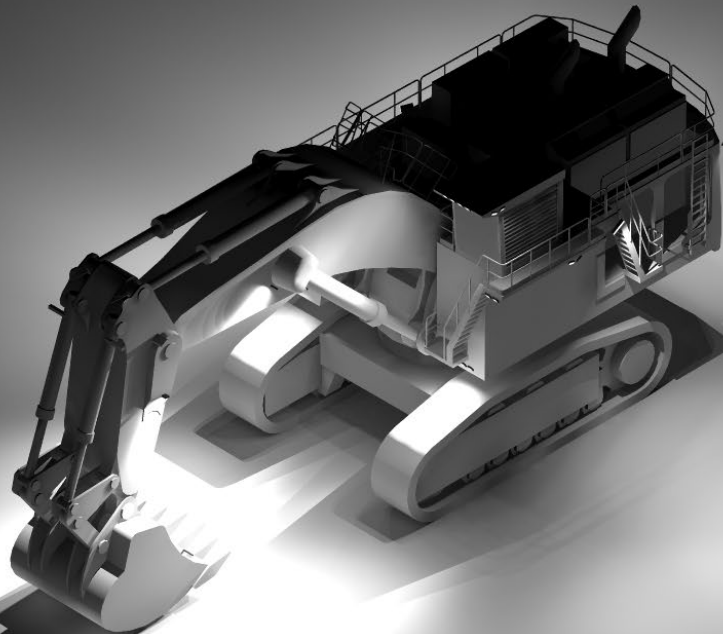


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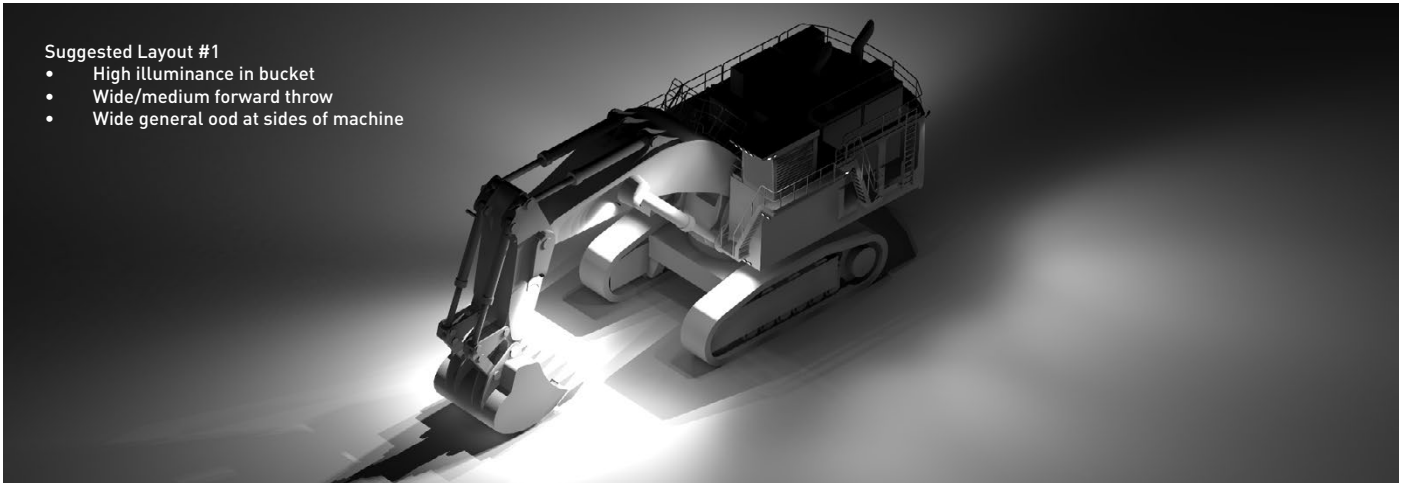
R9800

Lighting Design Simulation Report

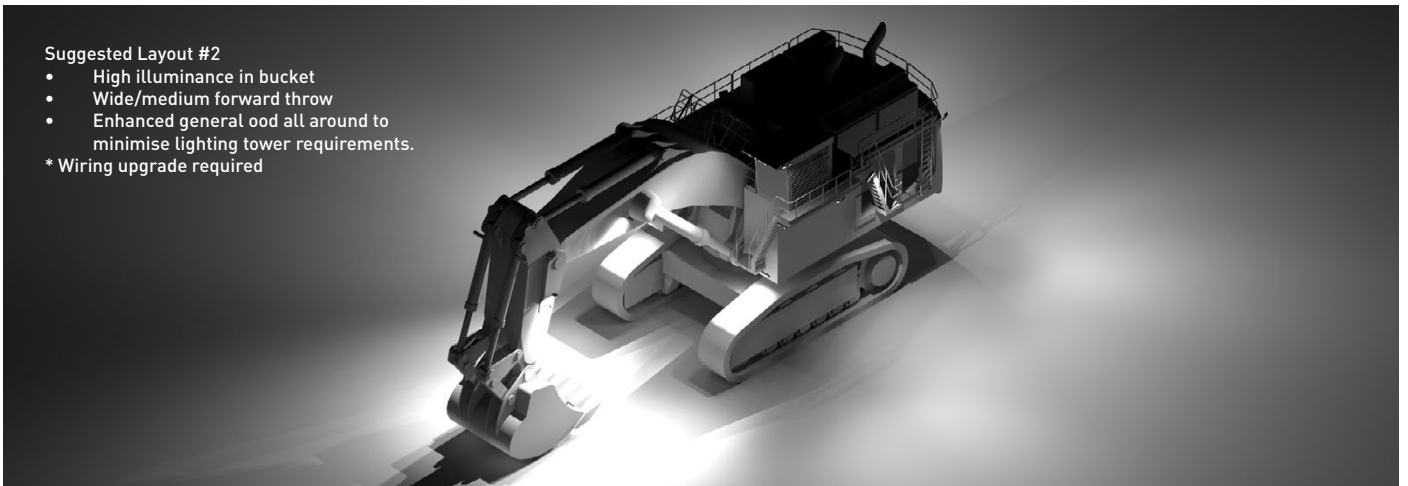


Suggested Layout #1

- High illuminance in bucket
- Wide/medium forward throw
- Wide general ood at sides of machine

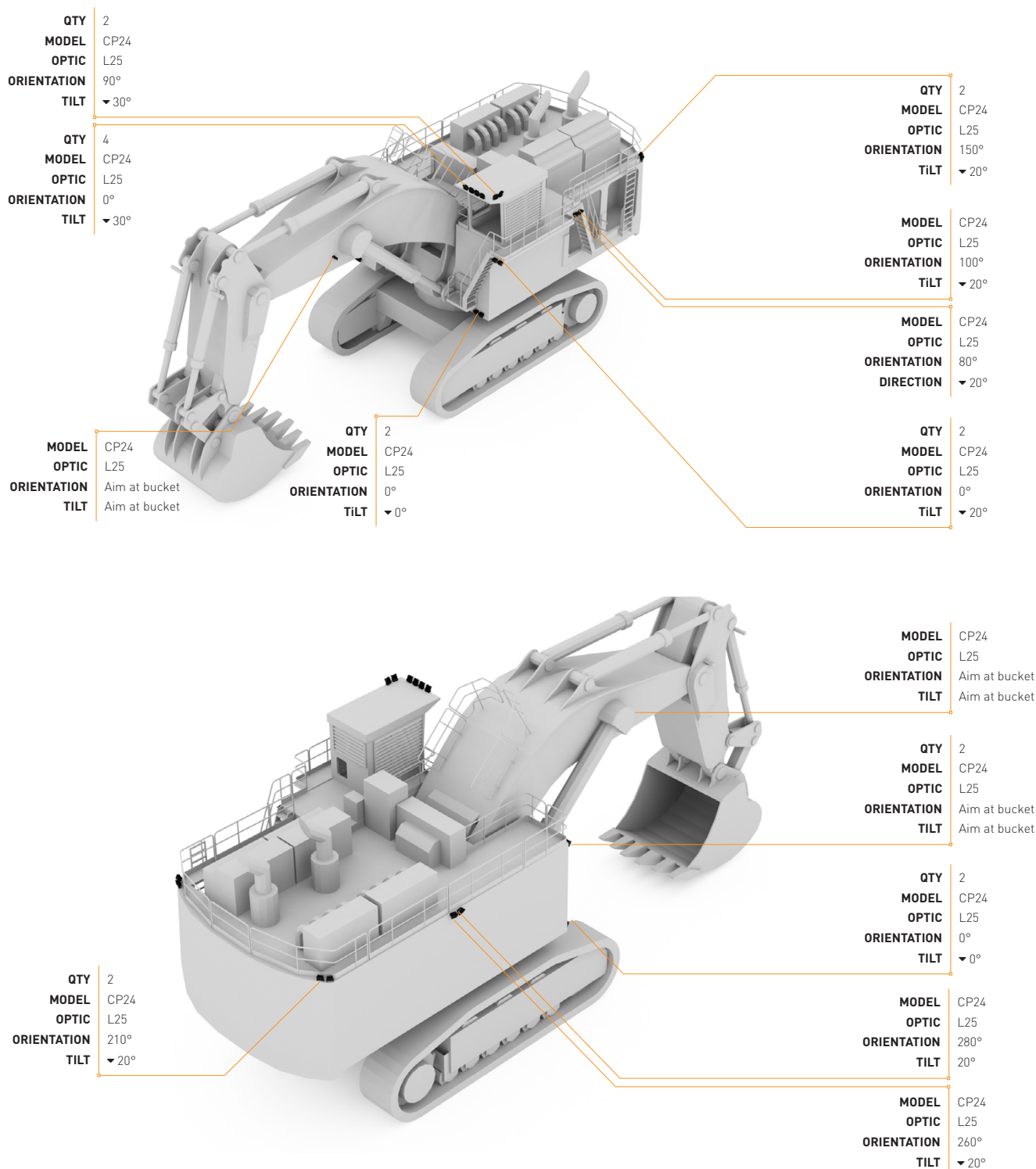
**Suggested Layout #2**

- High illuminance in bucket
 - Wide/medium forward throw
 - Enhanced general ood all around to minimise lighting tower requirements.
- * Wiring upgrade required



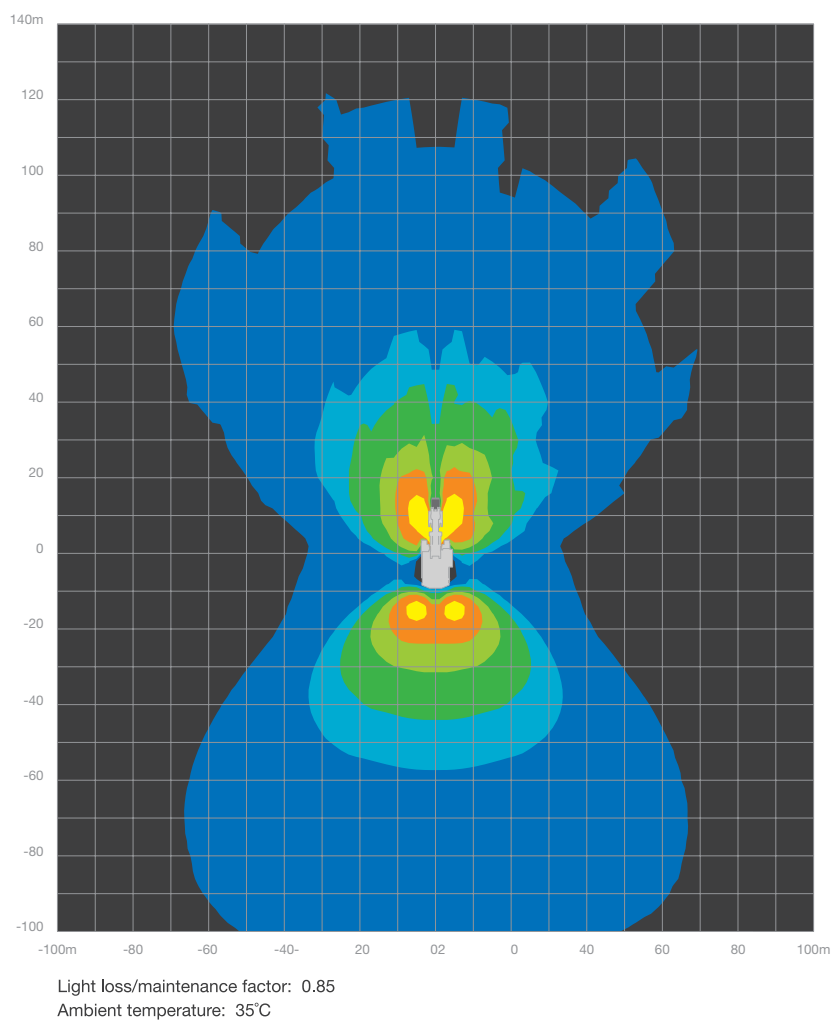
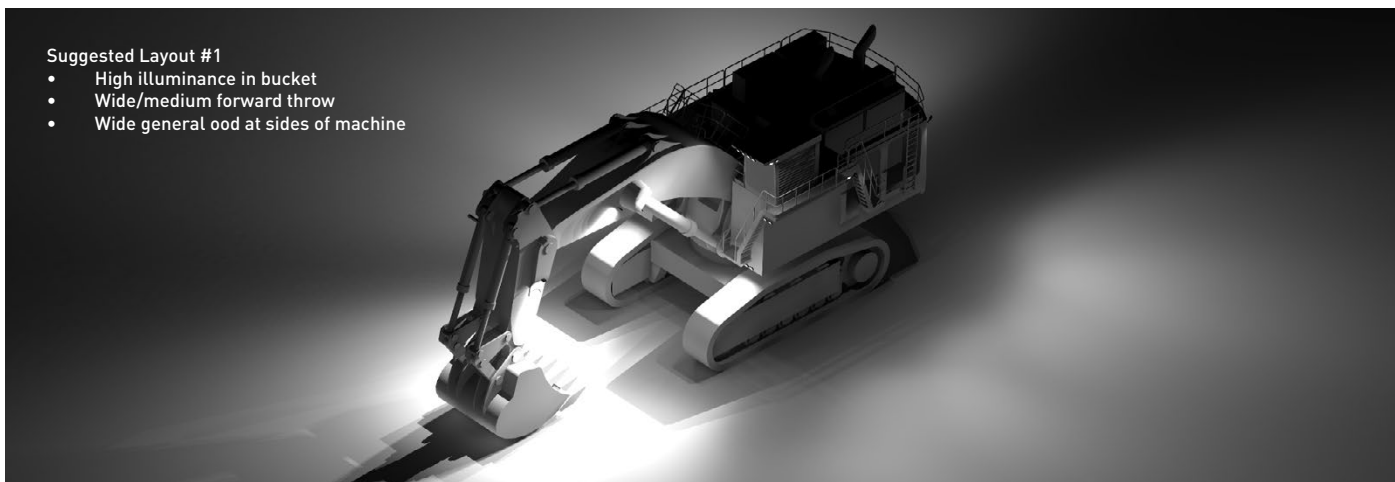
SUGGESTED LAYOUT #1

Model No.	Luminaire	Optic Type	Quantity
CP24-M-L25-MPB-NPS	CP24 Flood Light	L25 - 50° Beam Angle	24
MC12-D-NOP-WBR-ST	Machine Light Flood Light	Diffused No Optics	18



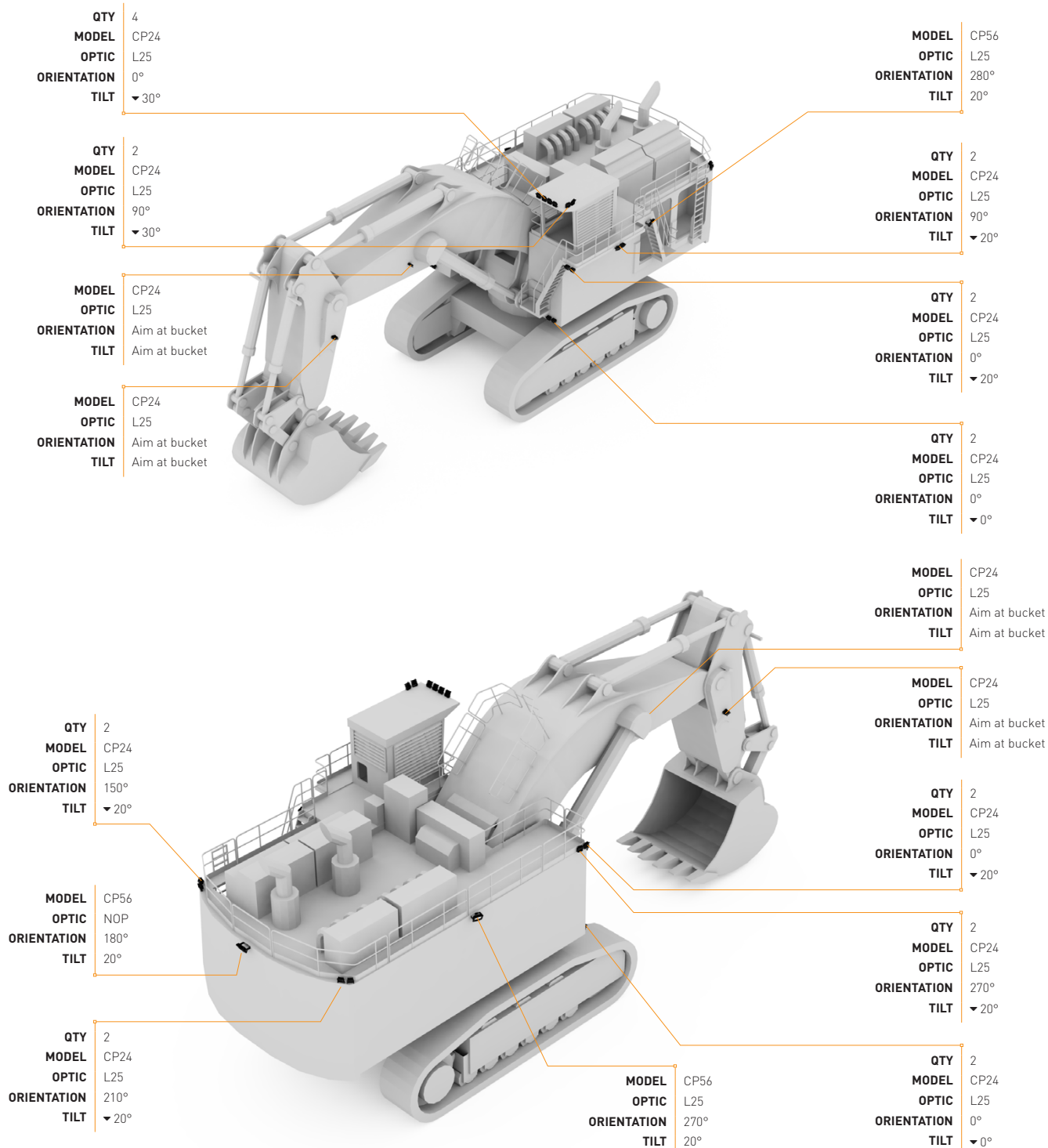
Suggested Layout #1

- High illuminance in bucket
- Wide/medium forward throw
- Wide general flood at sides of machine



SUGGESTED LAYOUT #2

Model No.	Luminaire	Optic Type	Quantity
CP56-L25-MPB-NPS	CP56 Flood Light	L25 - 50° Beam Angle	3
CP24-M-L25-MPB-NPS	CP24 Flood Light	L25 - 50° Beam Angle	26
MC12-D-NOP-WBR-ST	Machine Light Flood Light	Diffused No Optics	18



Suggested Layout #2

- High illuminance in bucket
- Wide/medium forward throw
- Enhanced general good all around to minimise lighting tower requirements.

* Wiring upgrade required

