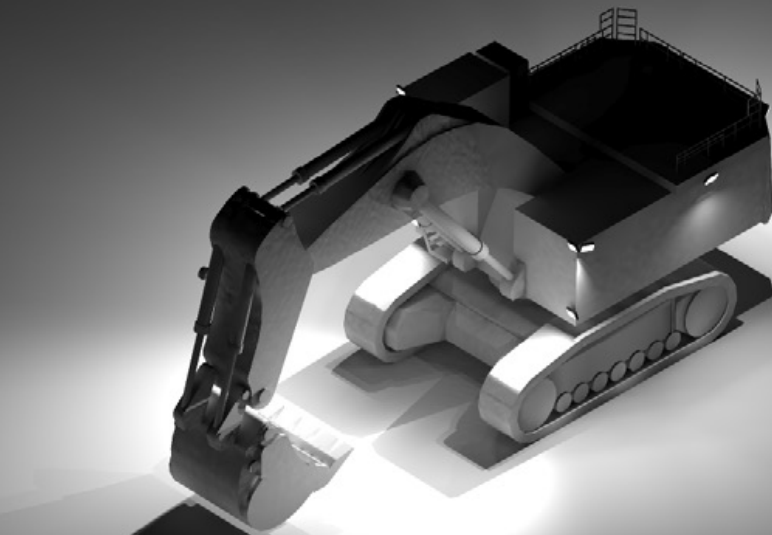


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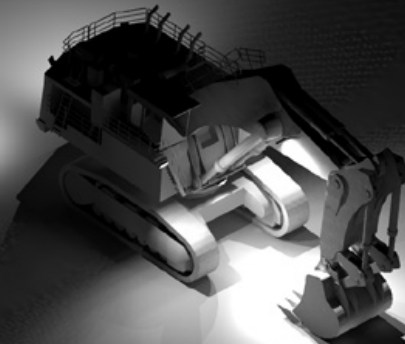
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Lighting Design Simulation Report

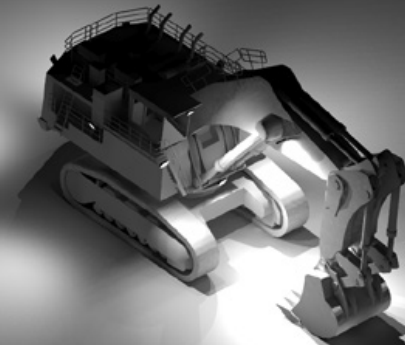


Suggested Layout #1

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

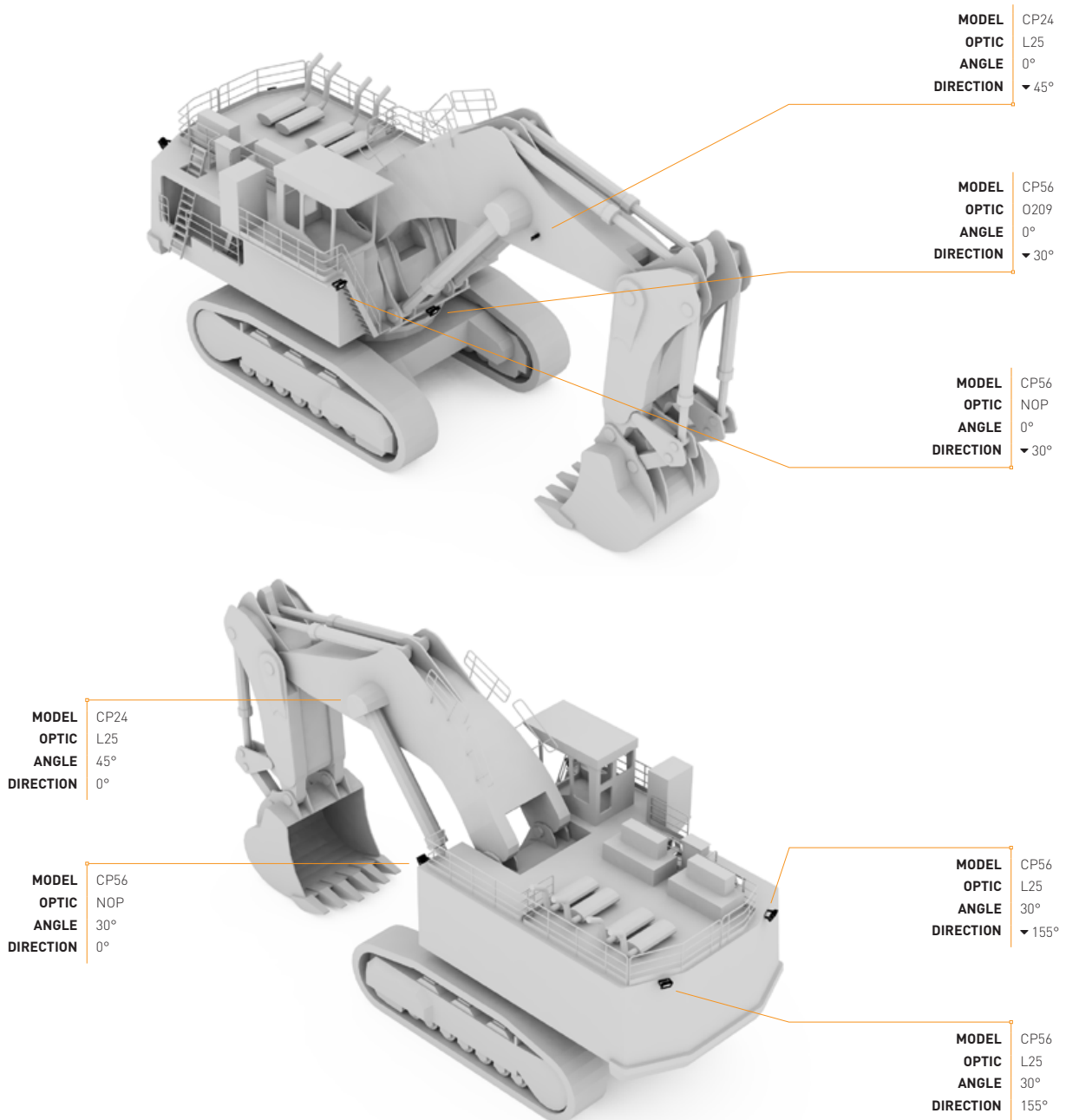
**Suggested Layout #2**

- Very high illuminance in bucket
- Wide/medium forward throw
- Wide general flood around machine



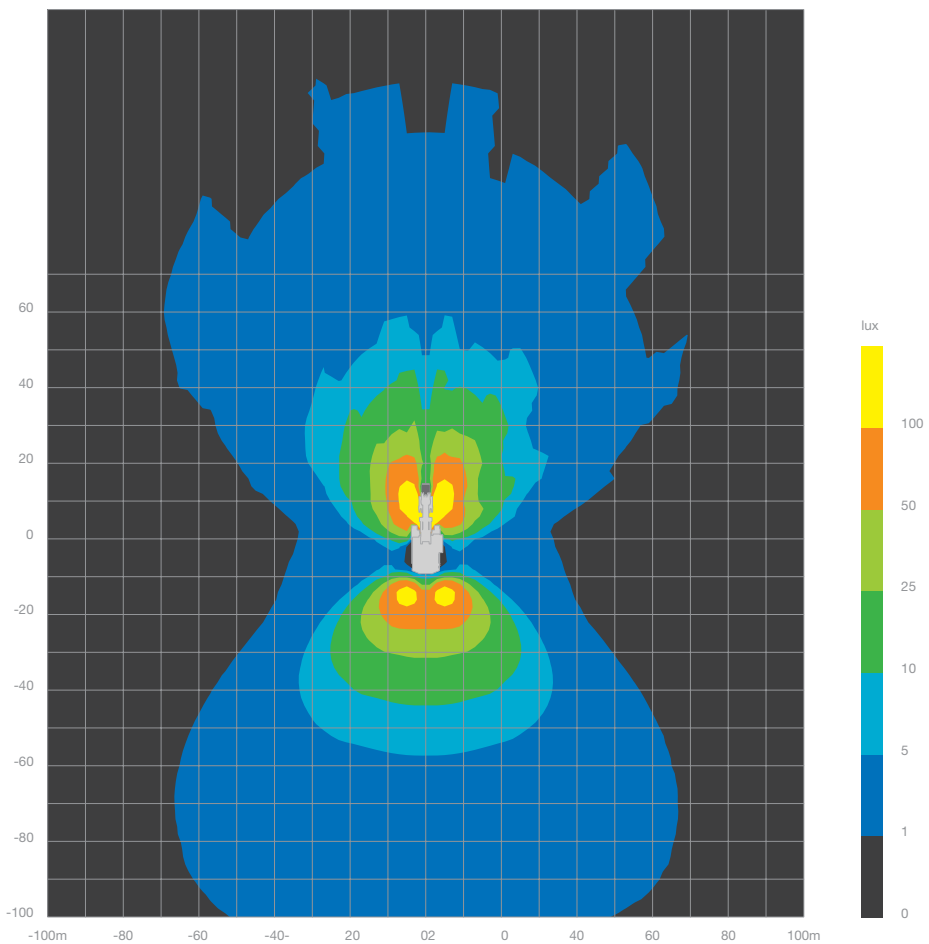
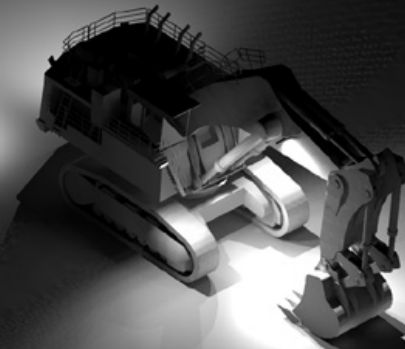
SUGGESTED LAYOUT #1

Model No.	Luminaire	Optic Type	Quantity
CP56-NOP-MPB-NPS	CP56 Flood Light	NOP - 120° Beam Angle	2
CP56-L25-MPB-NPS	CP56 Flood Light	L25 - 50° Beam Angle	2
CP56-O209-MPB-NPS	CP56 Flood Light	O209 - 40° x 18° Beam Angle	1
CP24-M-L25-MPB-NPS	CP24 Flood Light	L25 - 50° Beam Angle	2



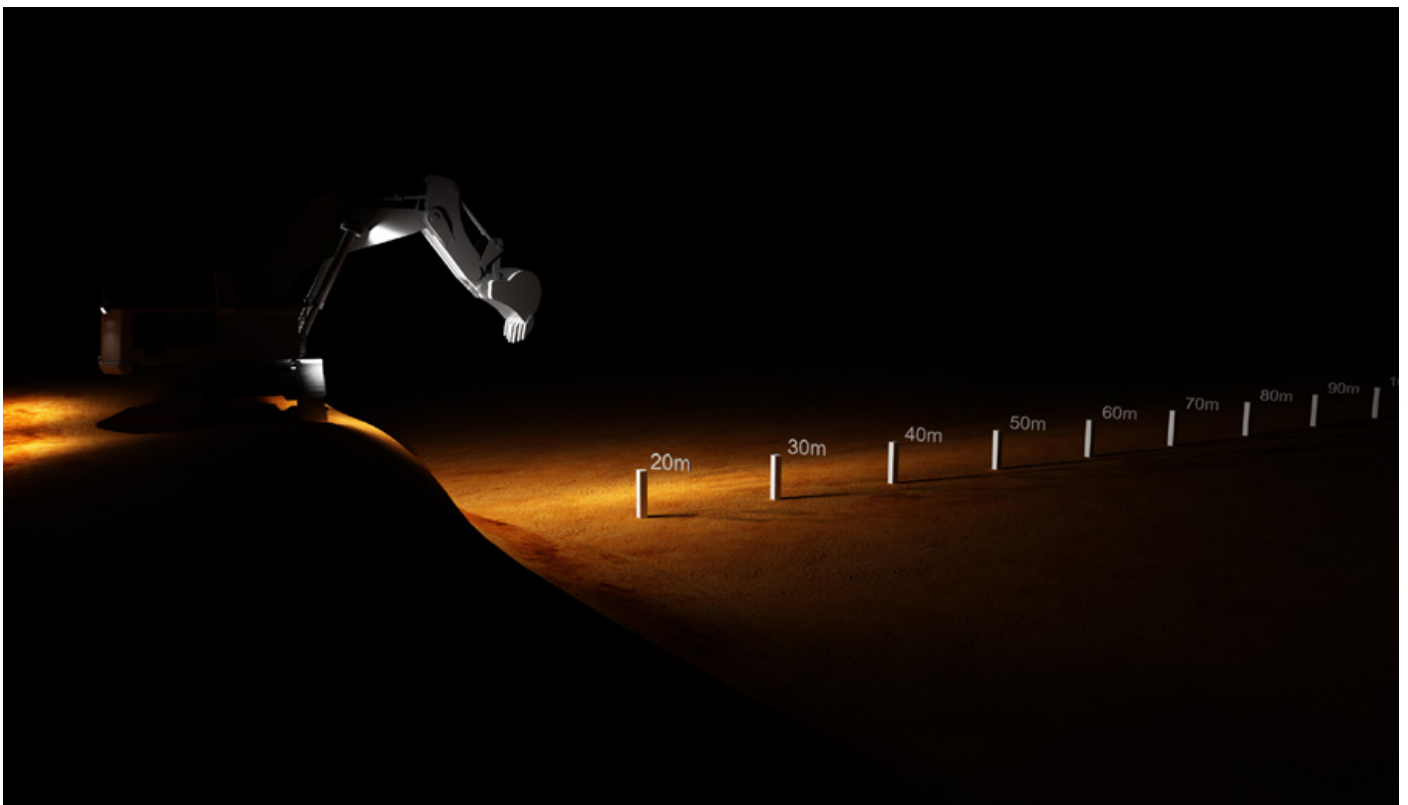
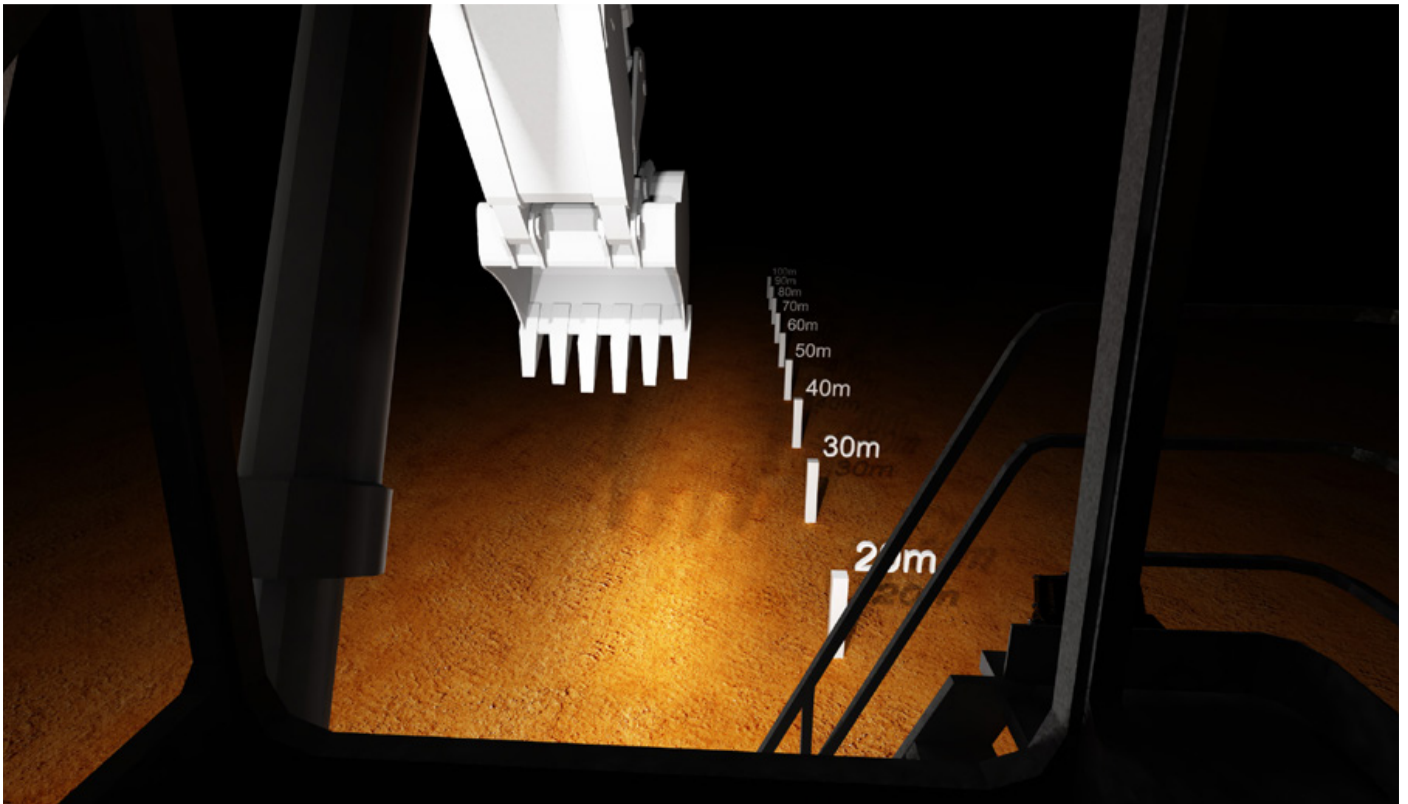
Suggested Layout #1

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



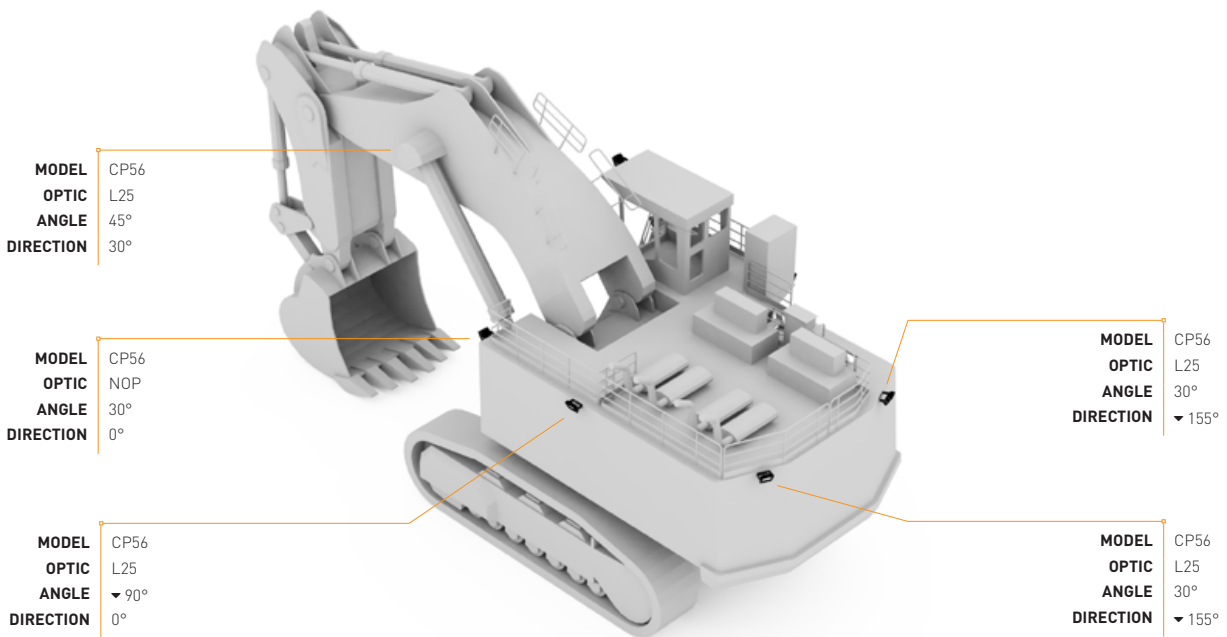
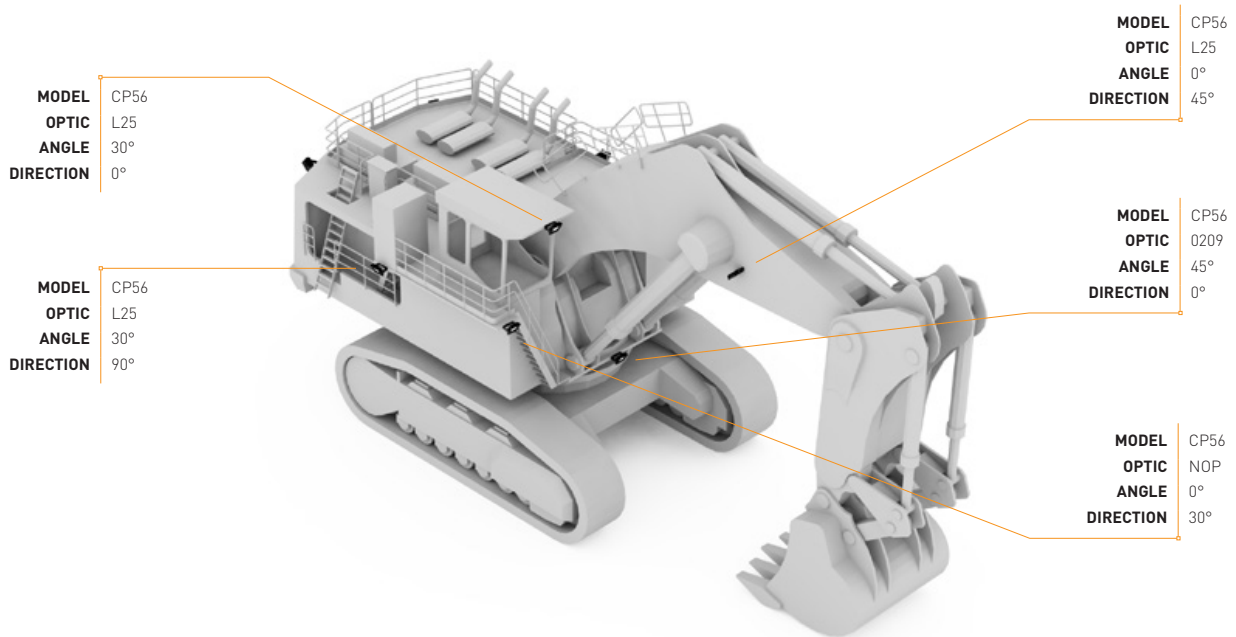
Light loss/maintenance factor: 0.85
Ambient temperature: 35°C

SUGGESTED LAYOUT #1



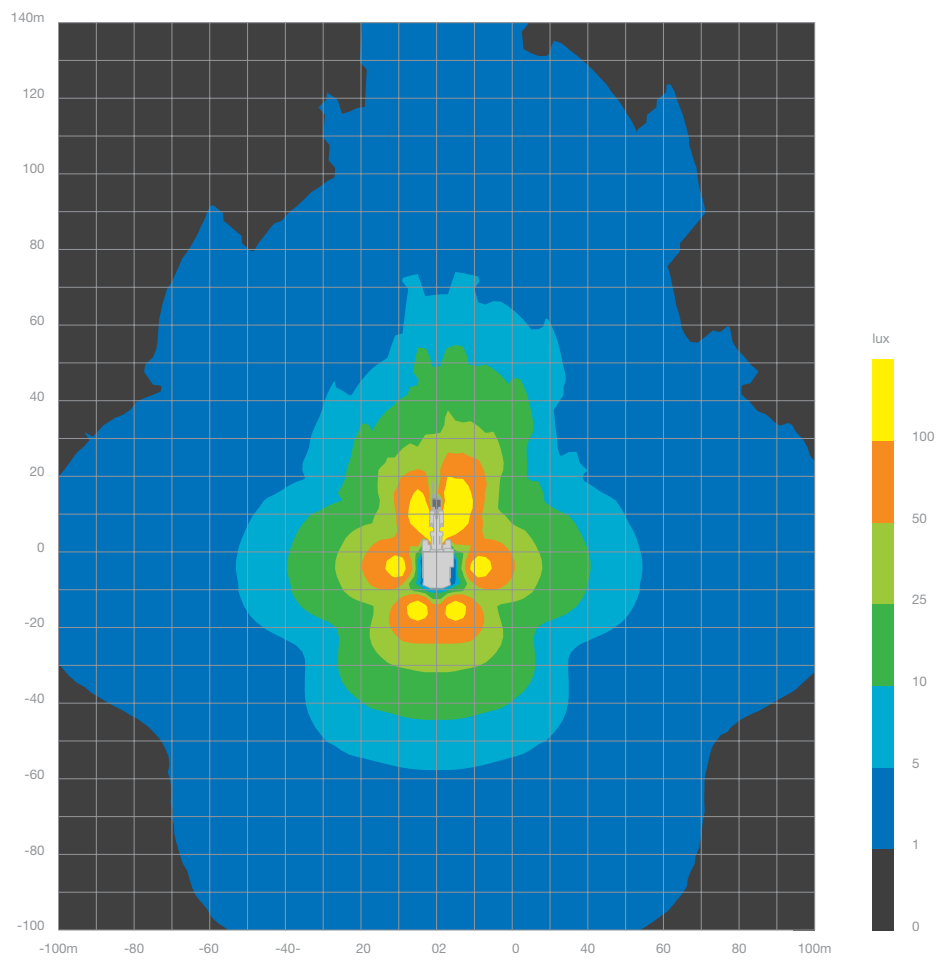
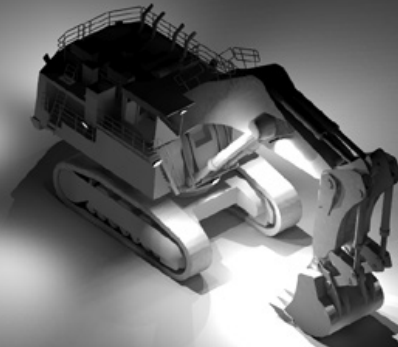
SUGGESTED LAYOUT #2

Model No.	Luminaire	Optic Type	Quantity
CP56-NOP-MPB-NPS	CP56 Flood Light	NOP - 120° Beam Angle	2
CP56-L25-MPB-NPS	CP56 Flood Light	L25 - 50° Beam Angle	7
CP56-O209-MPB-NPS	CP56 Flood Light	O209 - 40° x 18° Beam Angle	1



Suggested Layout #2

- Very high illuminance in bucket
- Wide/medium forward throw
- Wide general flood around machine



Light loss/maintenance factor: 0.85
Ambient temperature: 35°C

SUGGESTED LAYOUT #2

