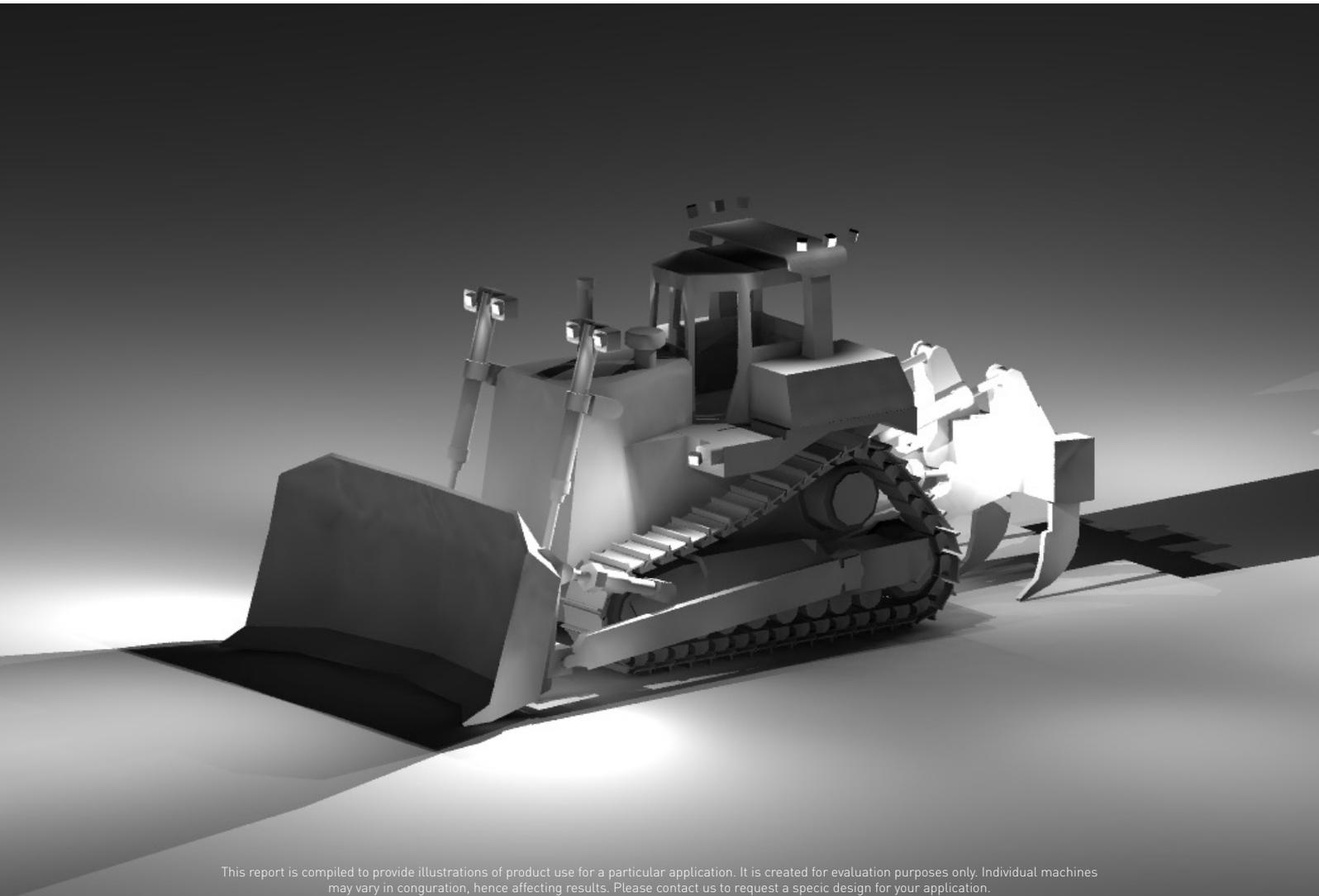


CATERPILLAR

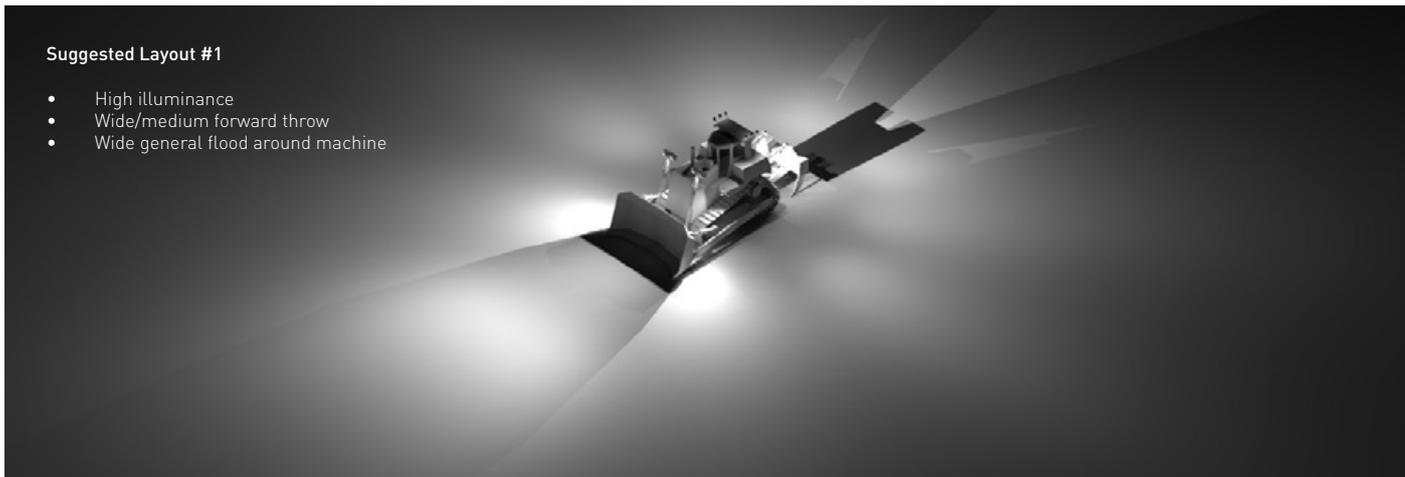
D9T

Lighting Design Simulation Report



Suggested Layout #1

- High illuminance
- Wide/medium forward throw
- Wide general flood around machine



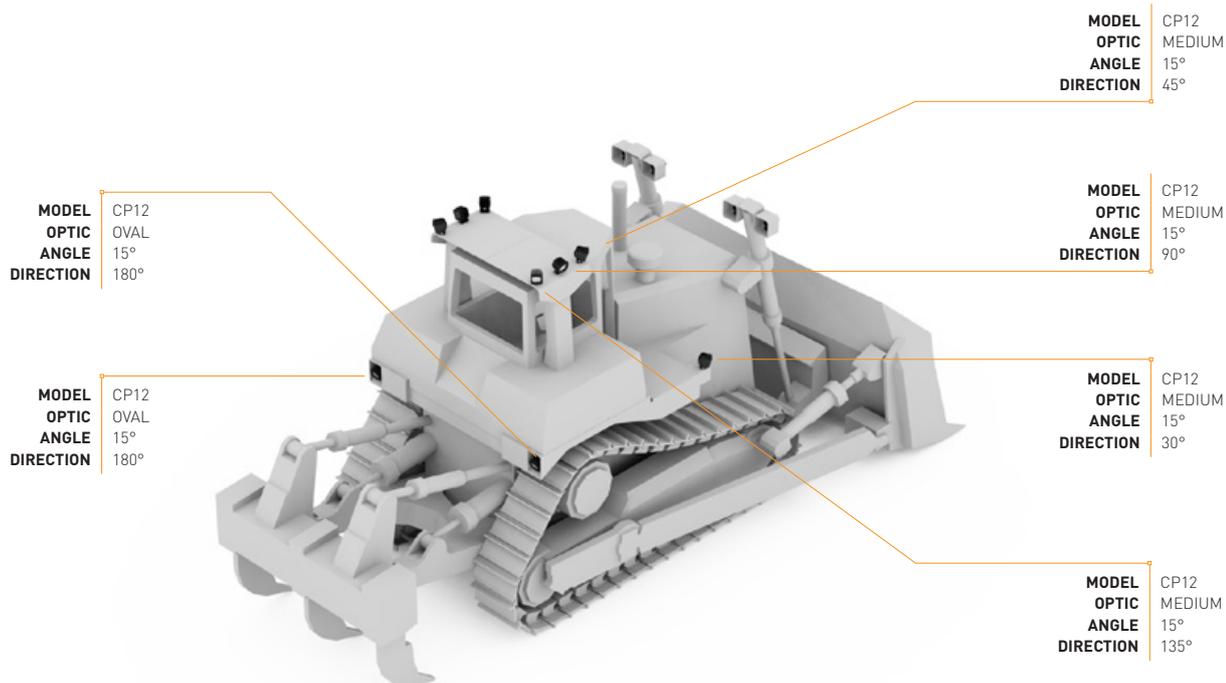
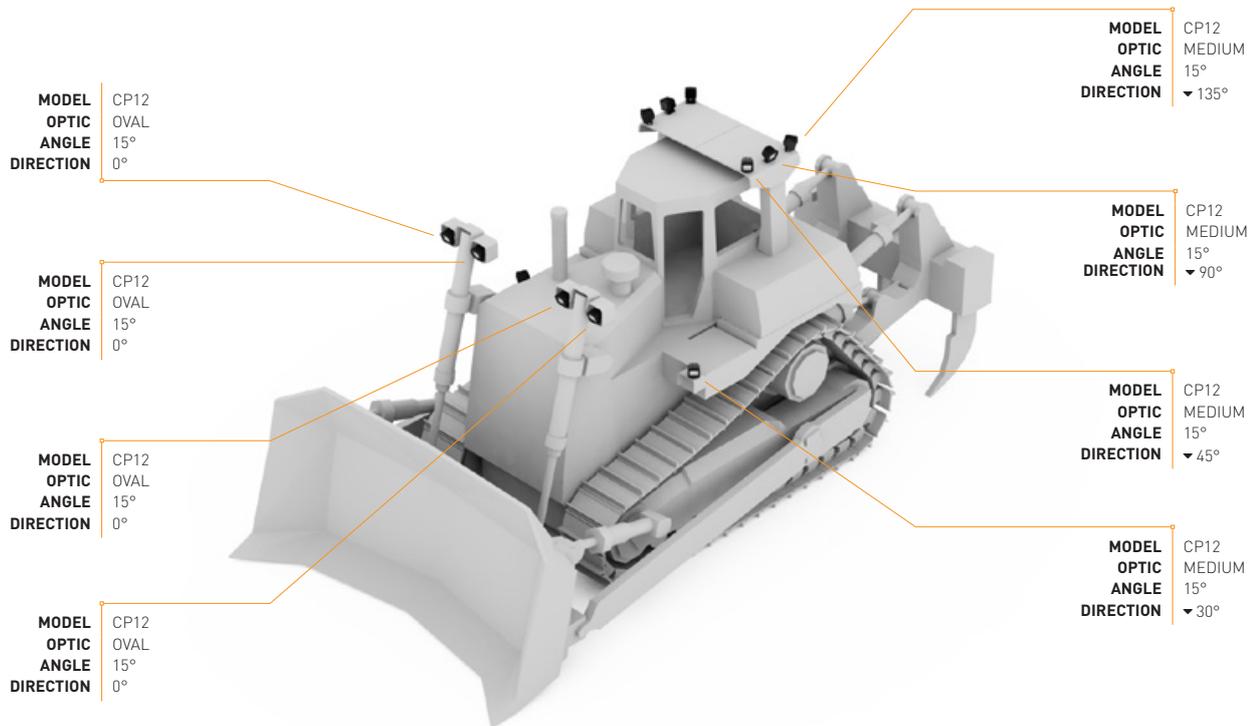
Suggested Layout #2

- High illuminance
- Narrow/long forward throw
- Wide general flood around machine



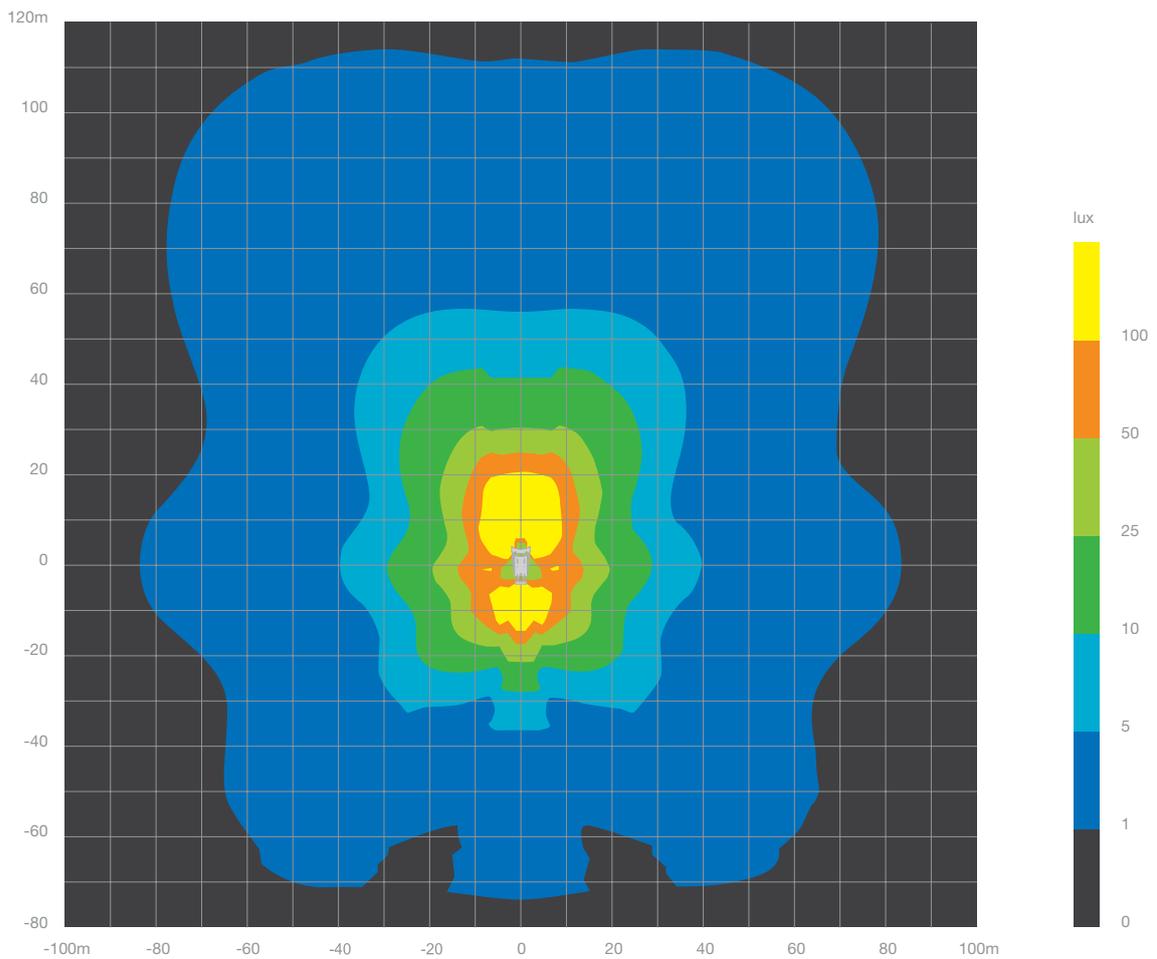
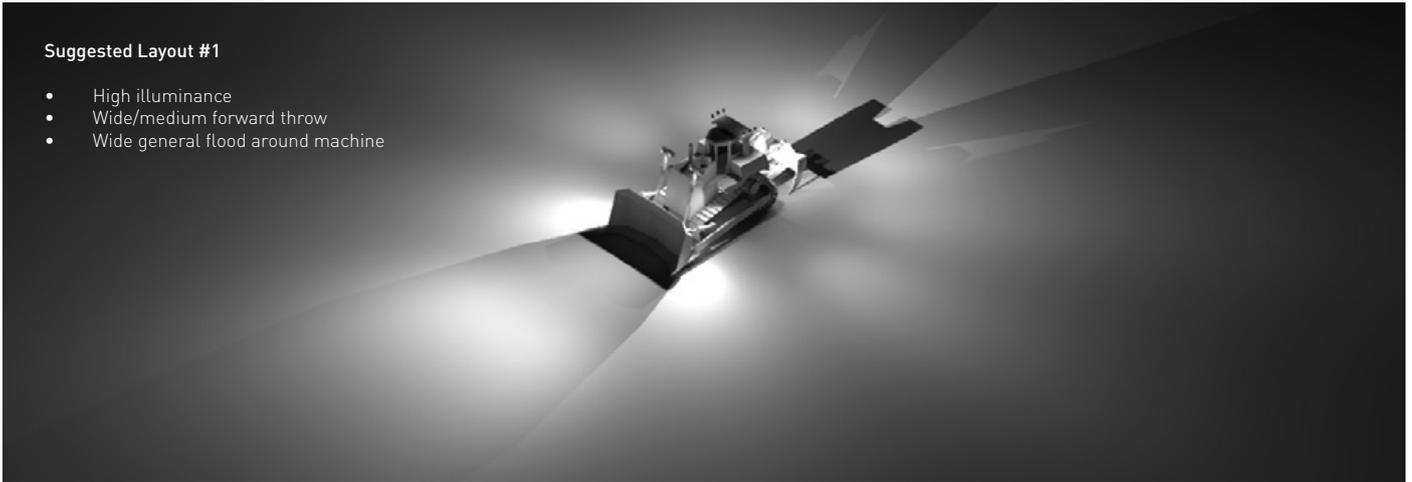
SUGGESTED LAYOUT #1

Model No.	Luminaire	Optic Type	Quantity
CP12-60-OVAL-ELV	CP12 Flood Light	OVAL Beam Angle	6
CP12-60-MEDIUM-ELV	CP12 Flood Light	MEDIUM Beam Angle	8



Suggested Layout #1

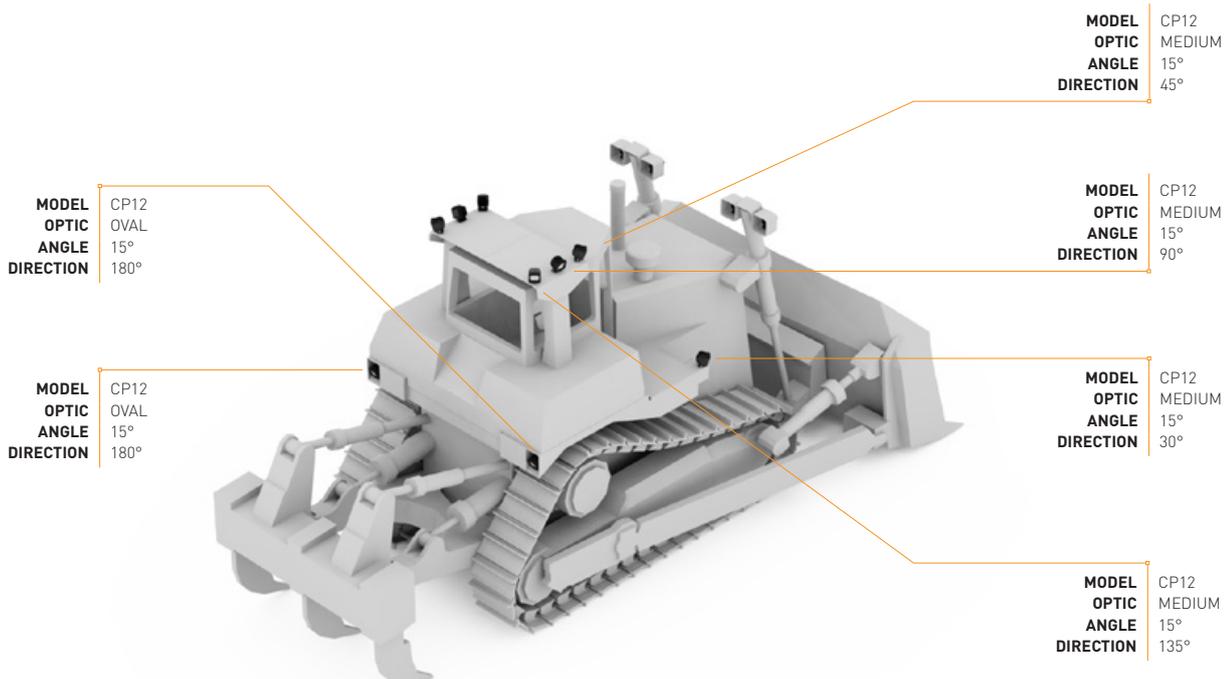
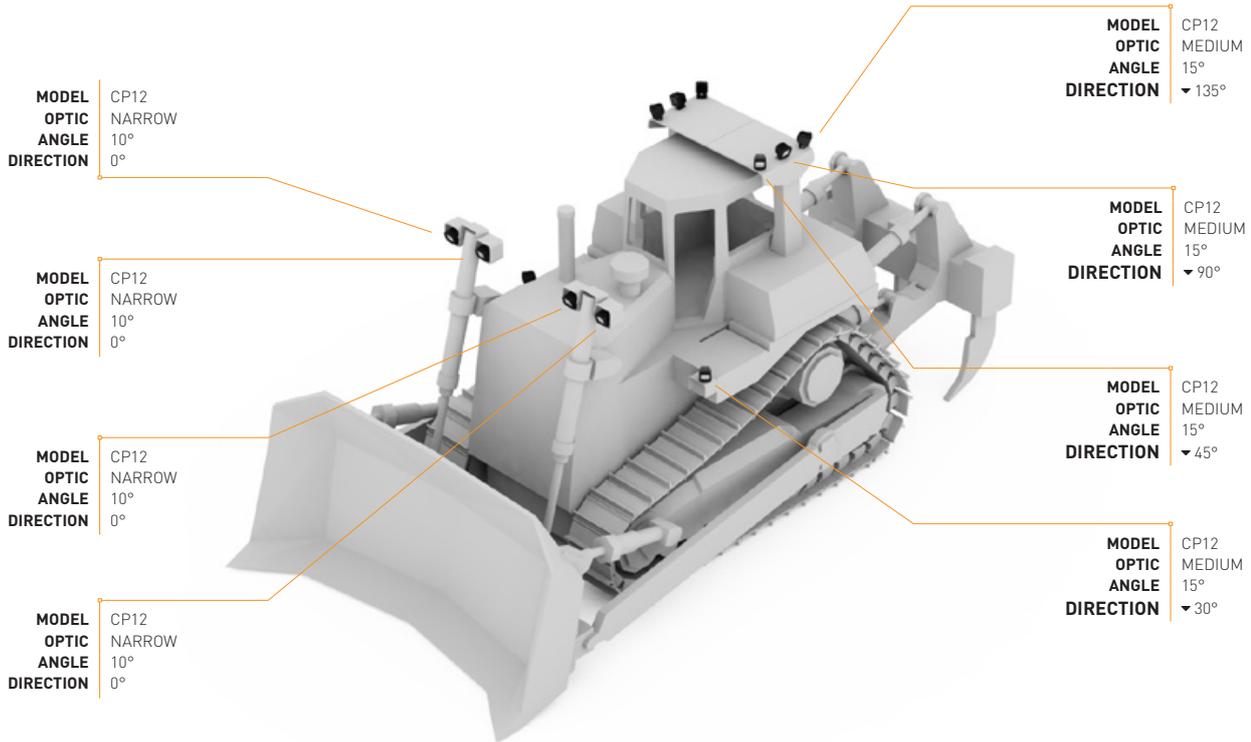
- High illuminance
- Wide/medium forward throw
- Wide general flood around machine



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

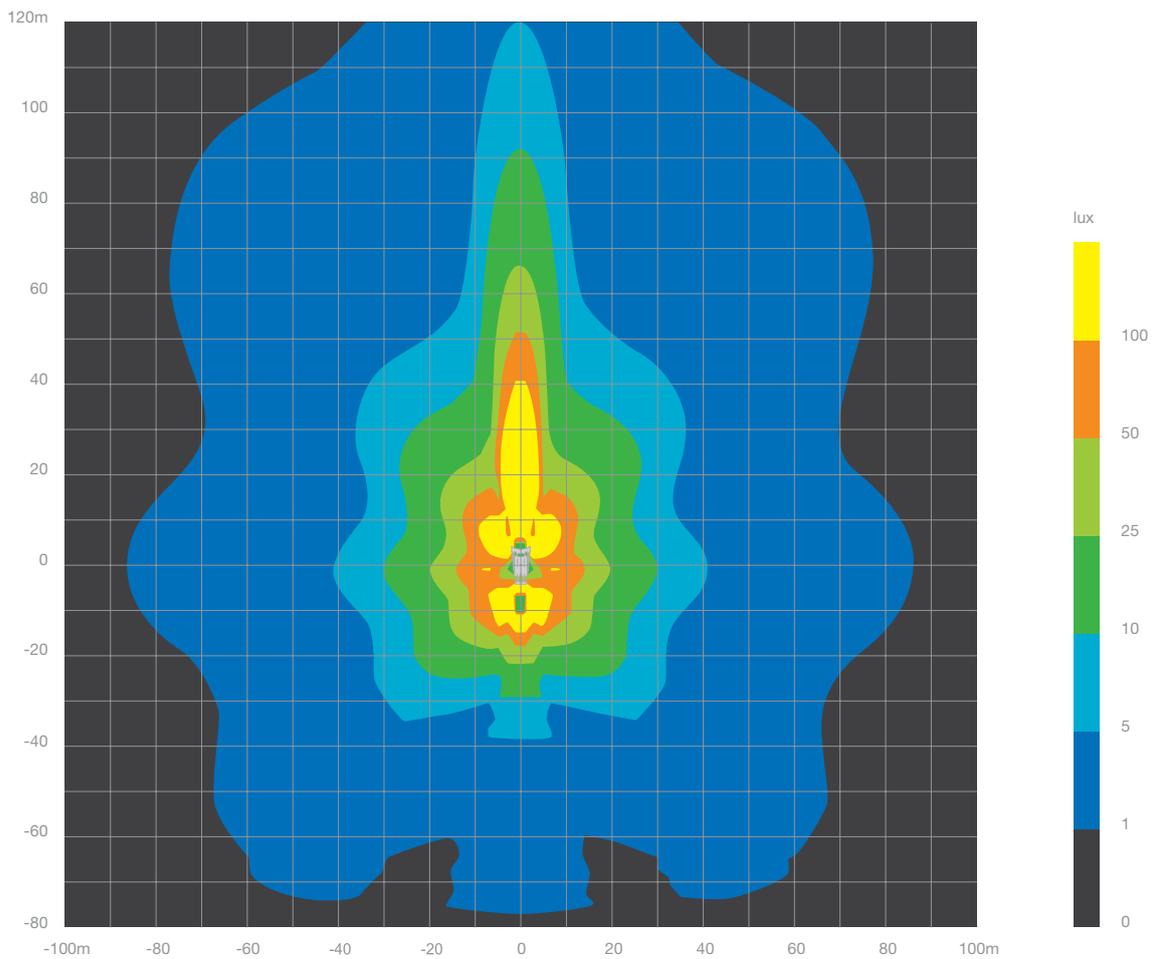
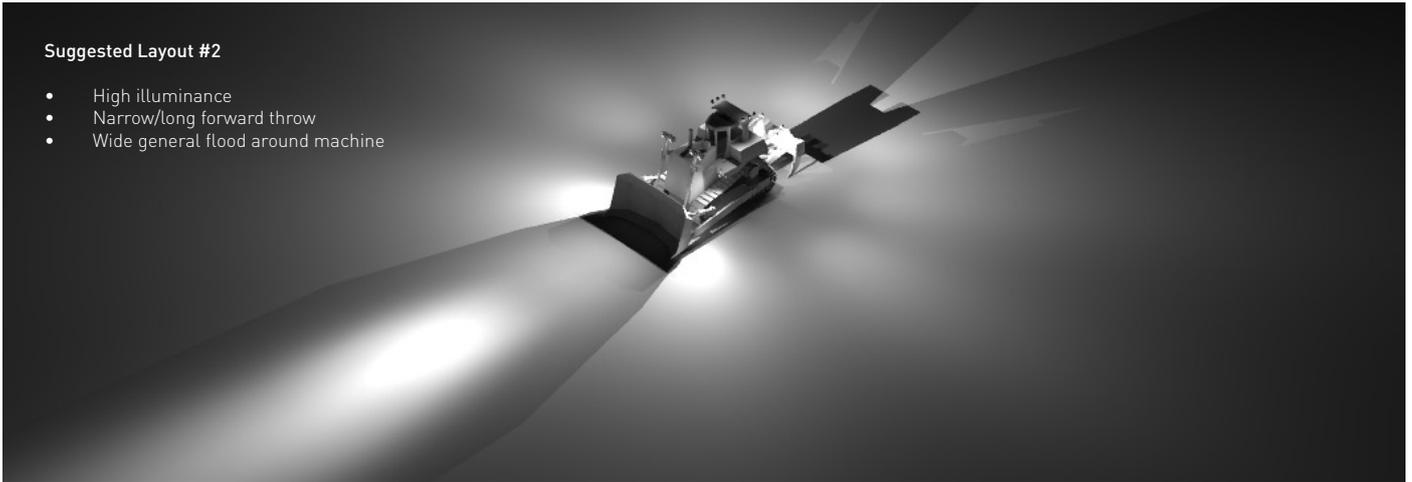
SUGGESTED LAYOUT #2

Model No.	Luminaire	Optic Type	Quantity
CP12-60-OVAL-ELV	CP12 Flood Light	OVAL Beam Angle	2
CP12-60-MEDIUM-ELV	CP12 Flood Light	MEDIUM Beam Angle	8
CP12-60-NARROW-ELV	CP12 Flood Light	NARROW Beam Angle	4



Suggested Layout #2

- High illuminance
- Narrow/long forward throw
- Wide general flood around machine



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