

# CATERPILLAR

## D11T

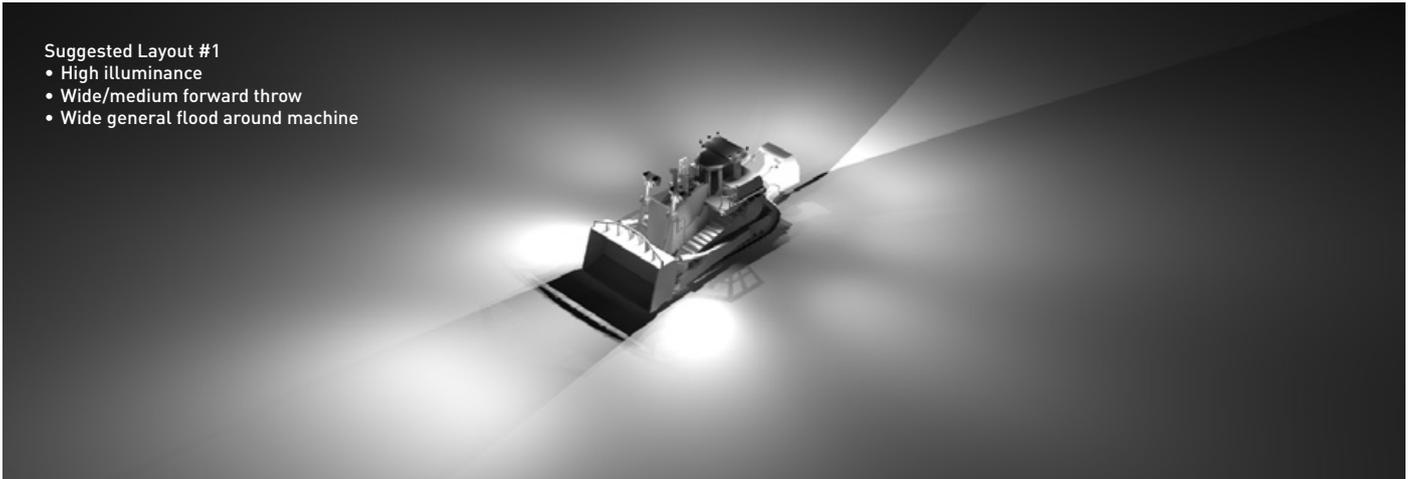
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Lighting Design Simulation Report



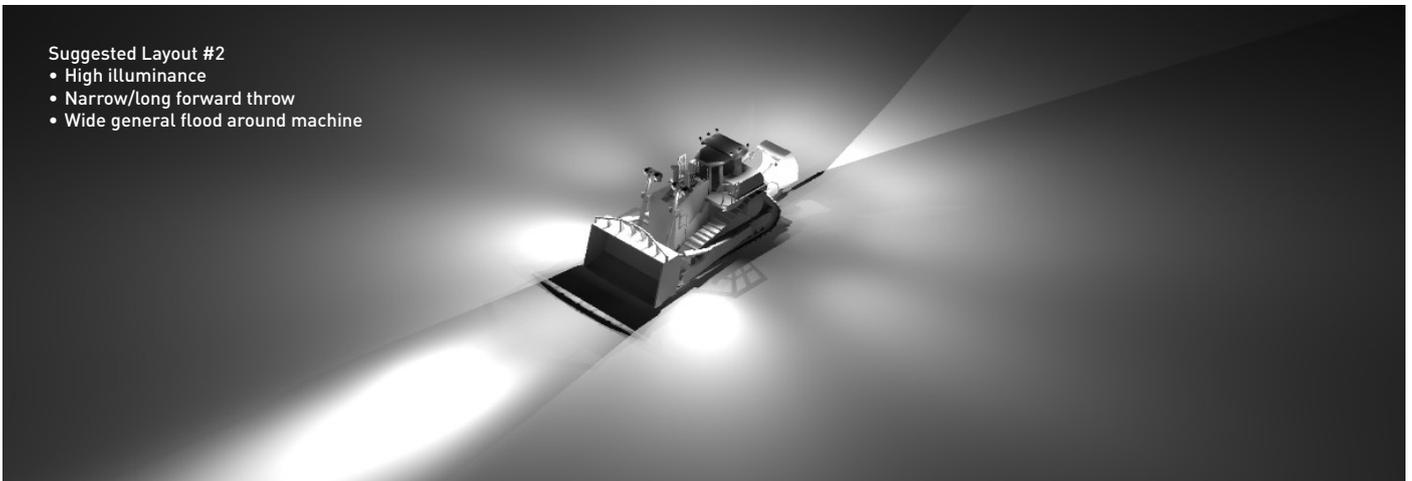
Suggested Layout #1

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



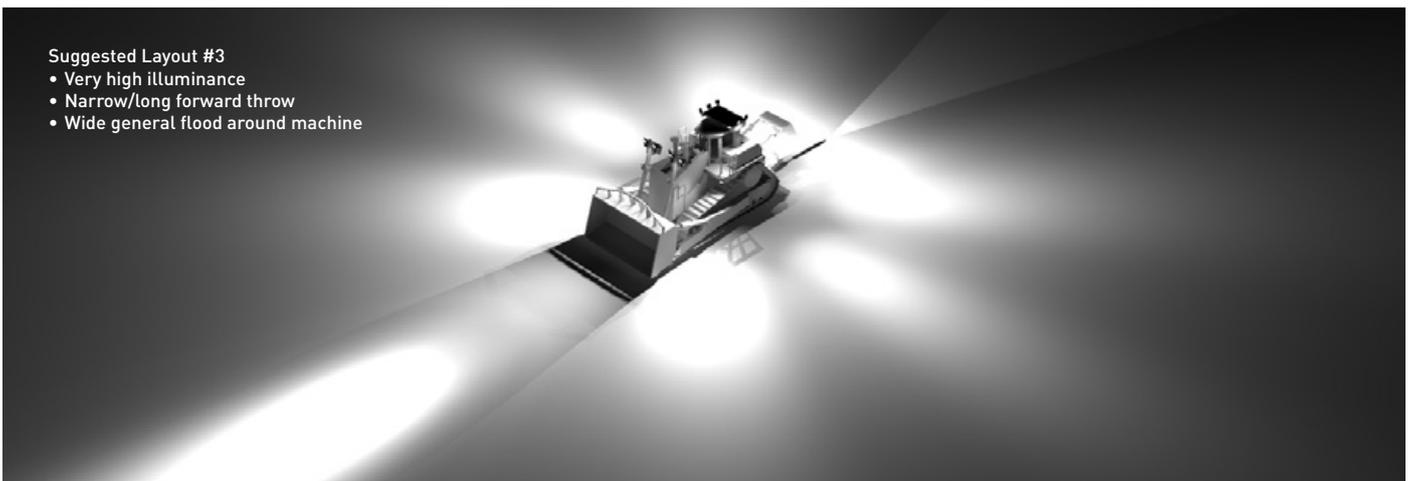
Suggested Layout #2

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



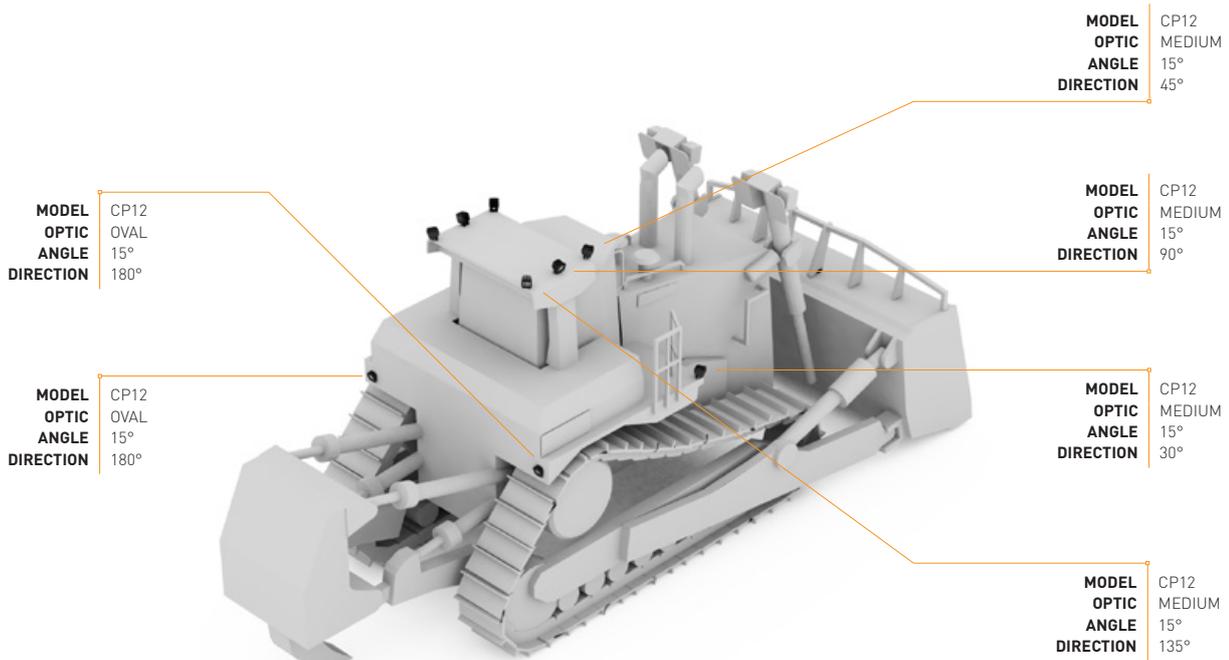
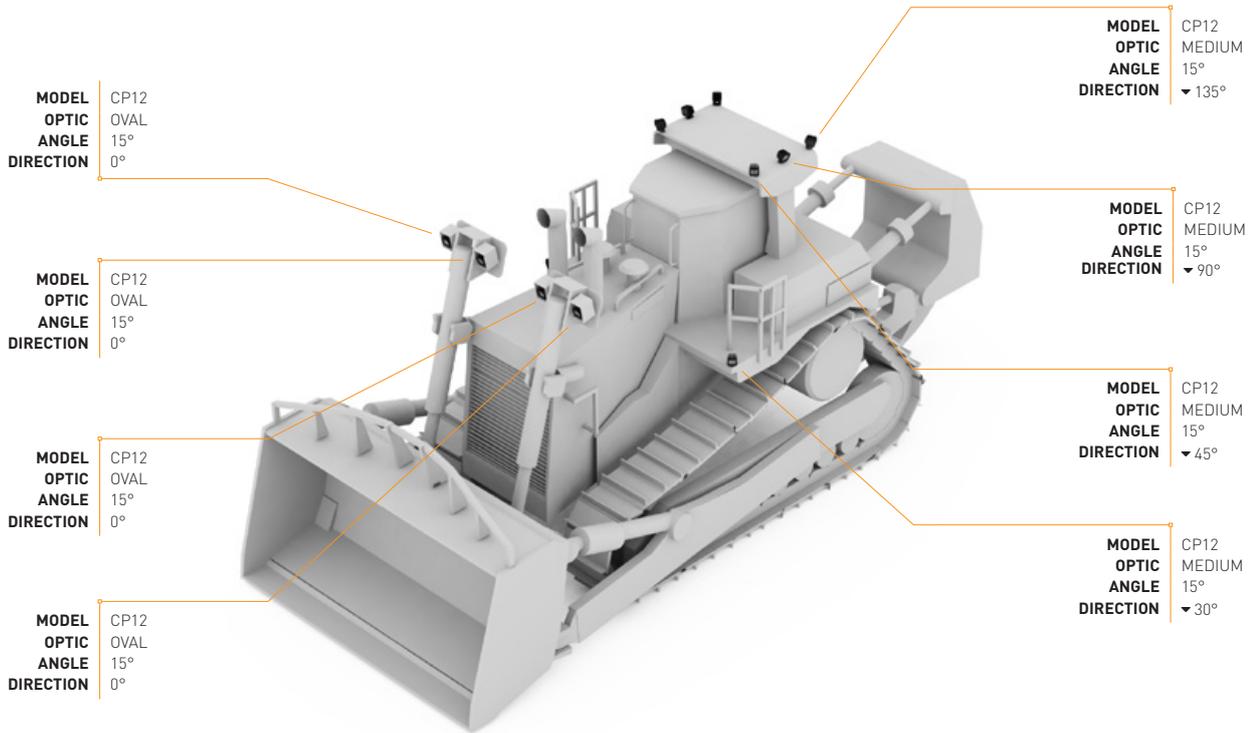
Suggested Layout #3

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



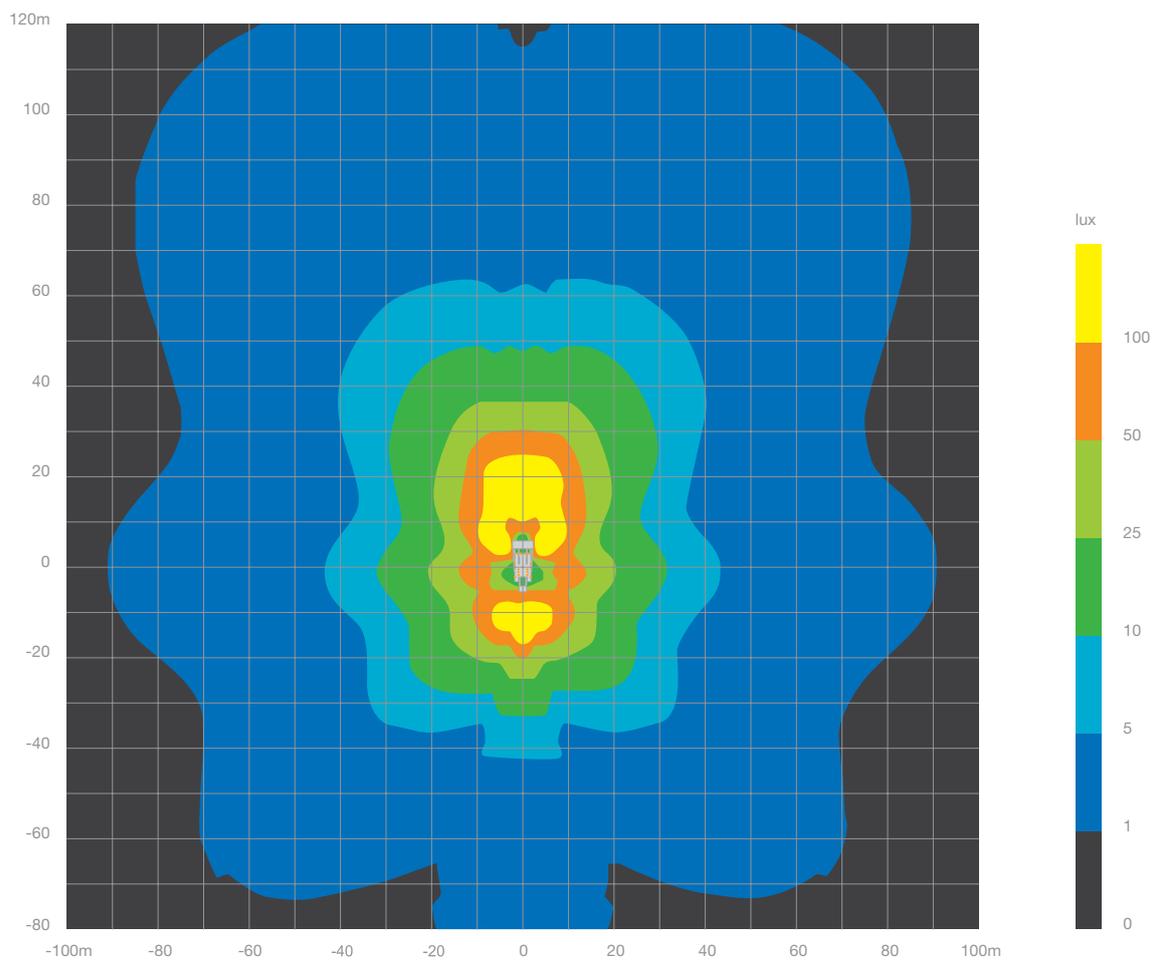
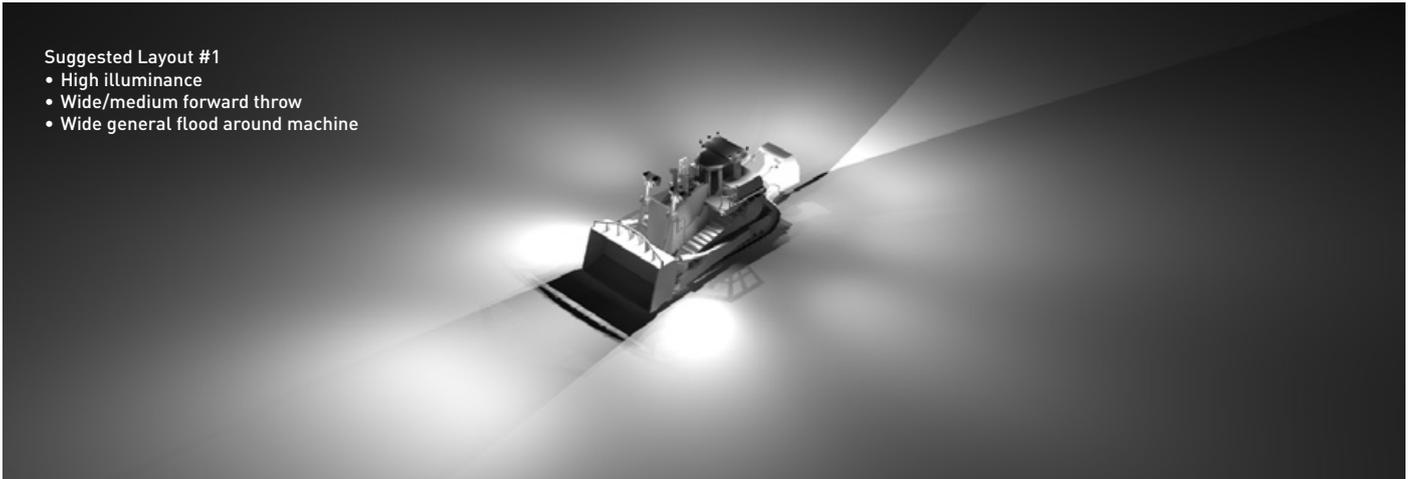
## SUGGESTED LAYOUT #1

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

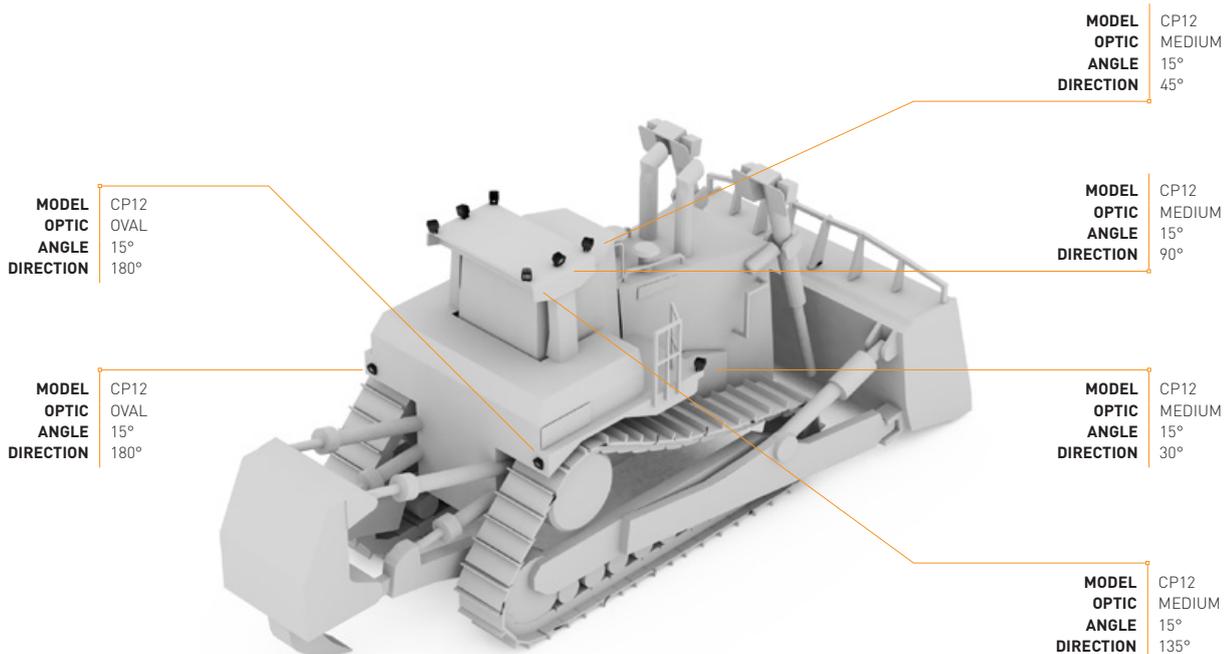
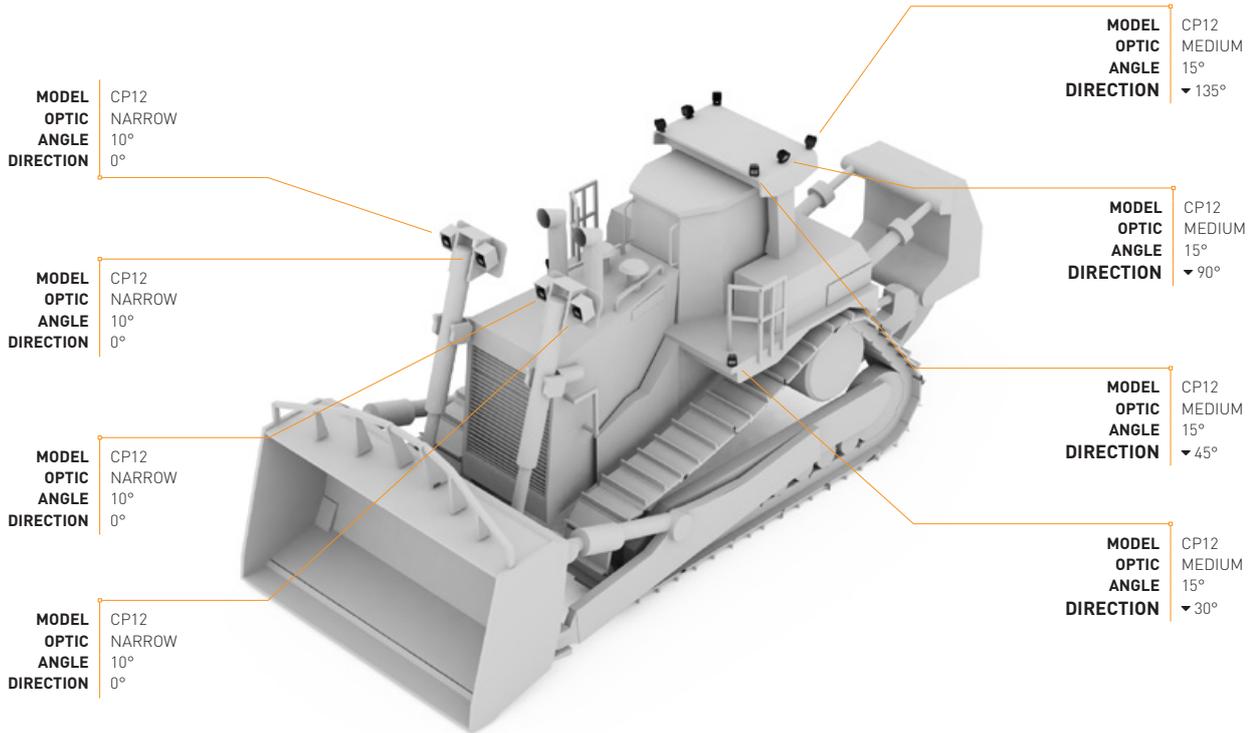
- High illuminance
- Wide/medium forward throw
- Wide general flood around machine



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

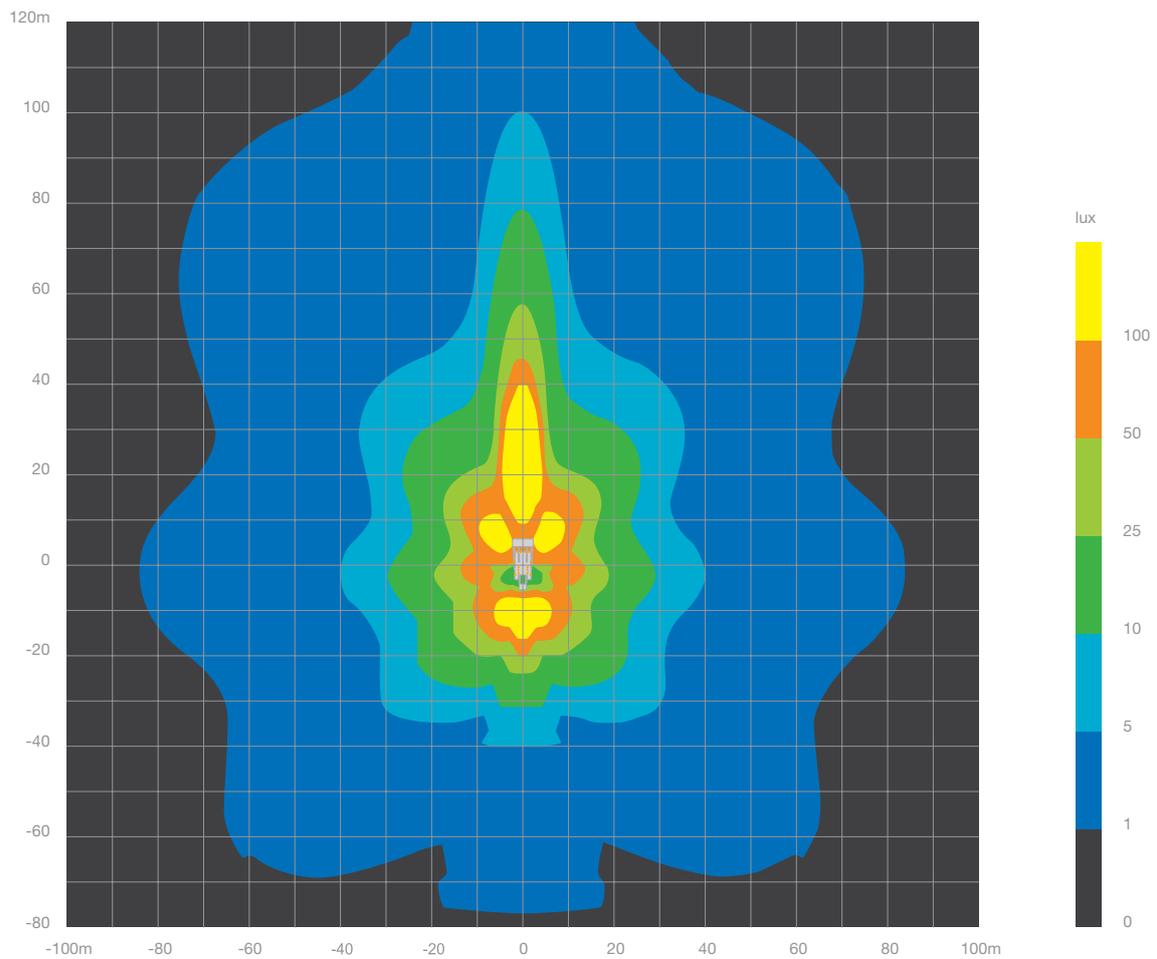
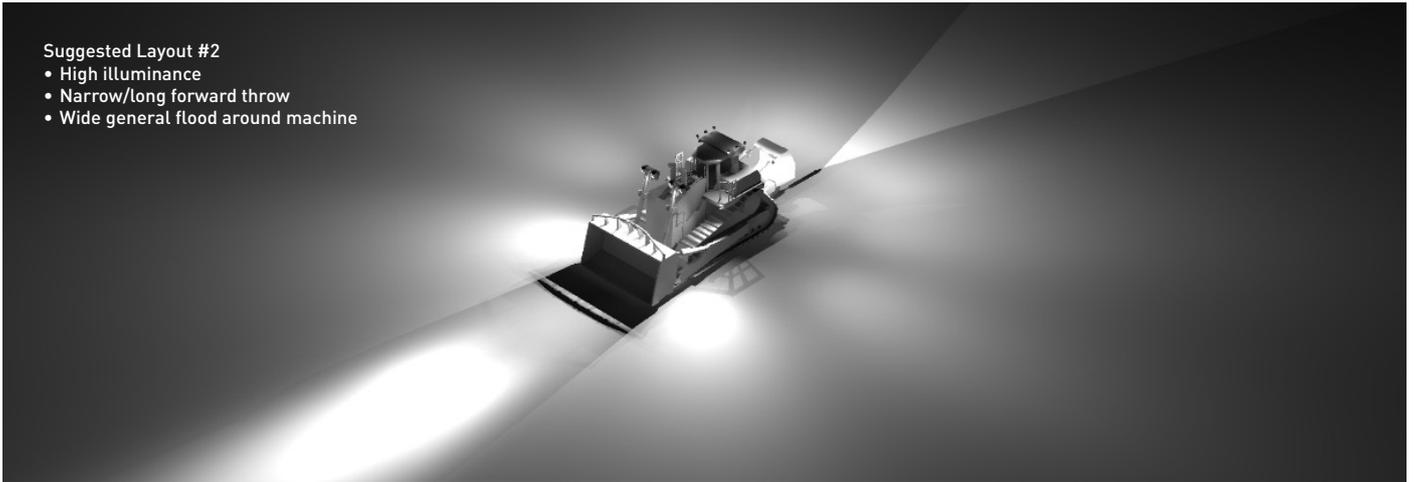
## SUGGESTED LAYOUT #2

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

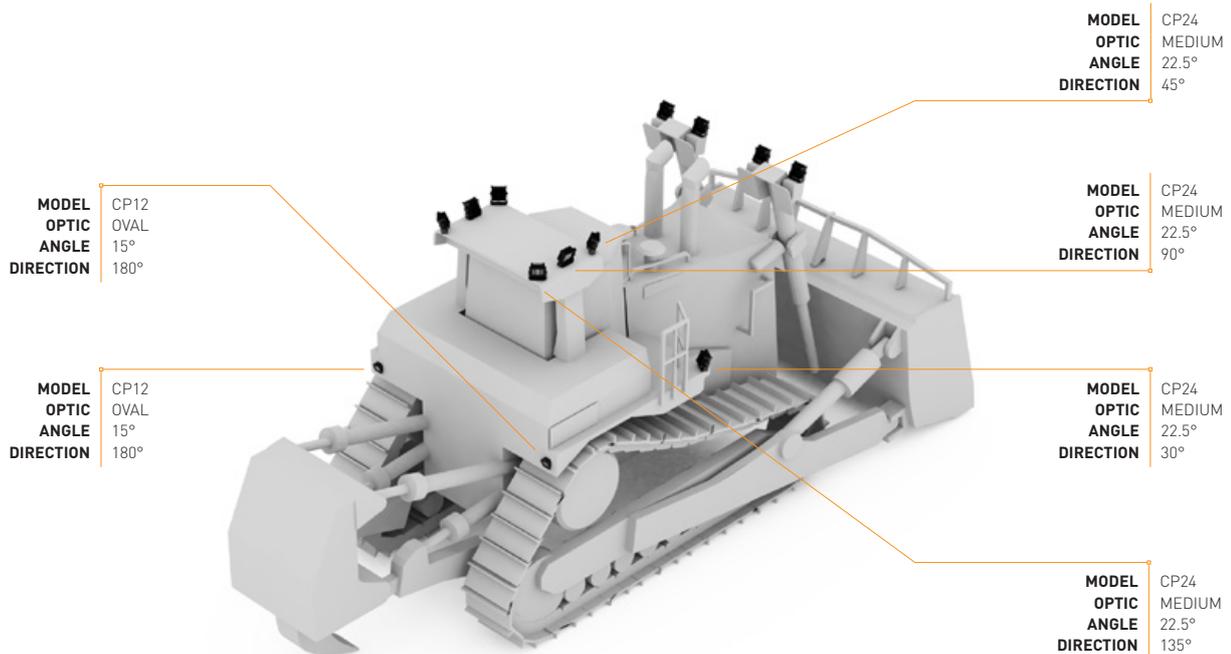
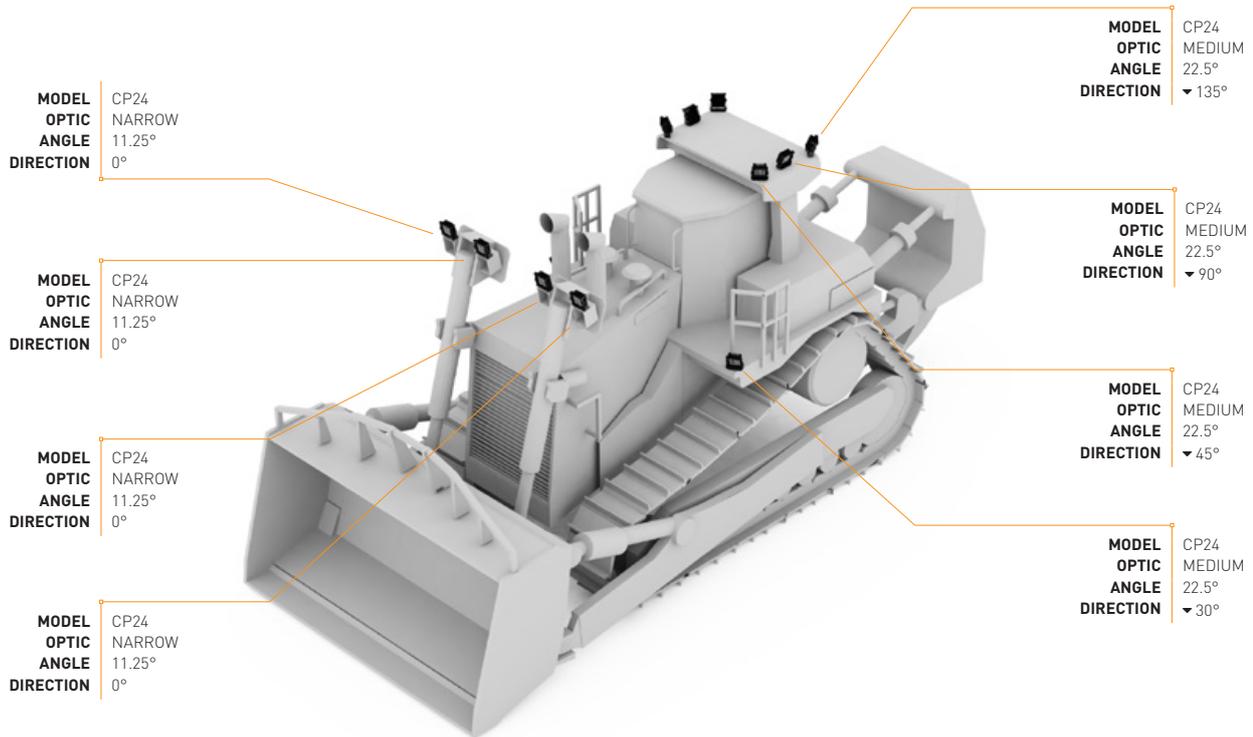
- High illuminance
- Narrow/long forward throw
- Wide general flood around machine



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

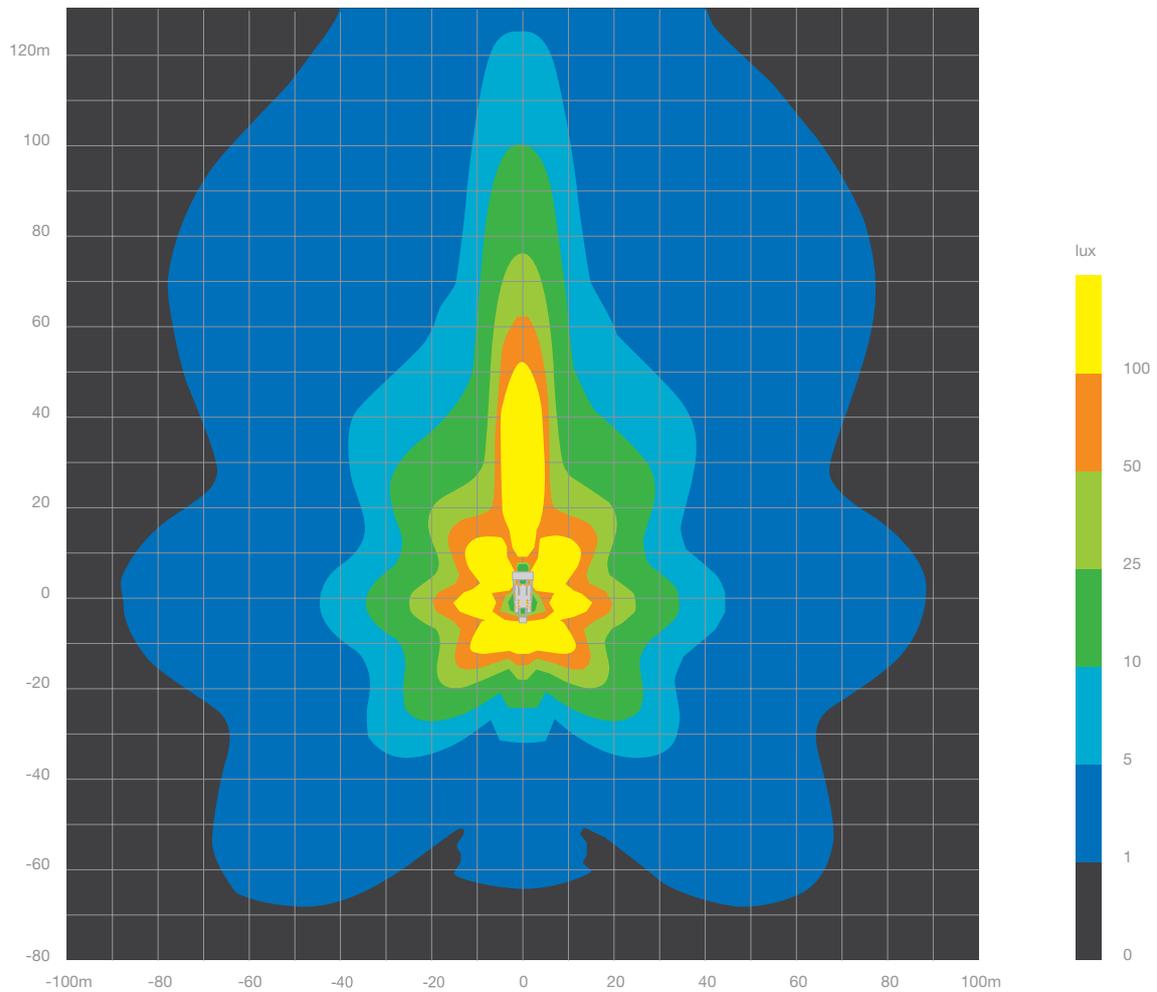
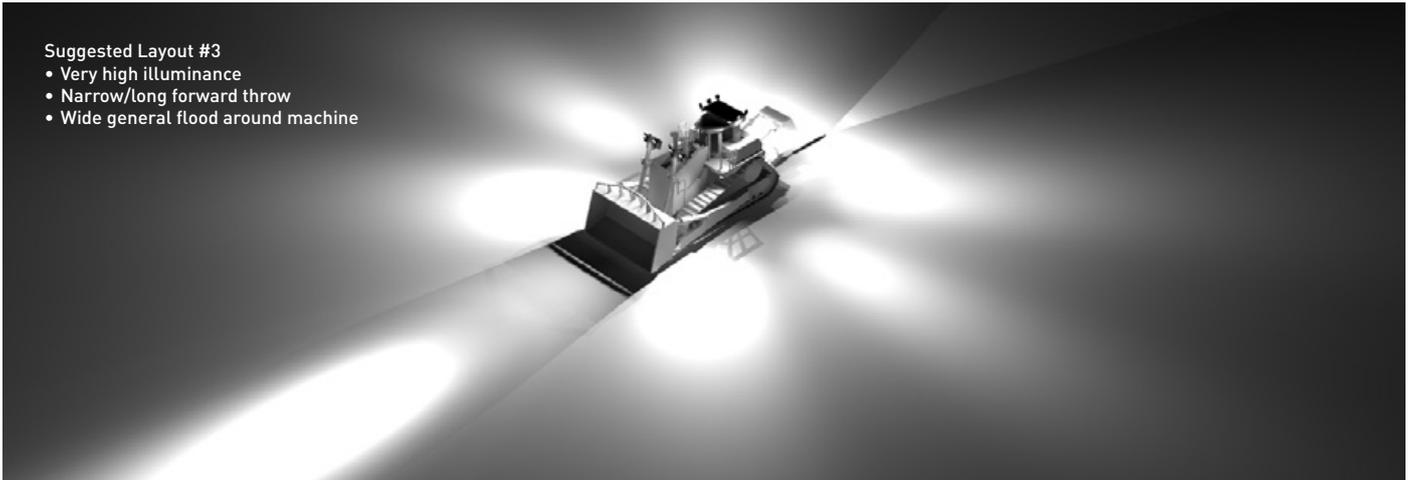
### SUGGESTED LAYOUT #3

Model No.	Luminaire	Optic Type	Quantity
CP12-60-OVAL-ELV	CP12 Flood Light	OVAL Beam Angle	2
CP24-MEDIUM-ELV	CP24 Flood Light	MEDIUM Beam Angle	8
CP24-NARROW-ELV	CP24 Flood Light	NARROW Beam Angle	4



Suggested Layout #3

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



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