

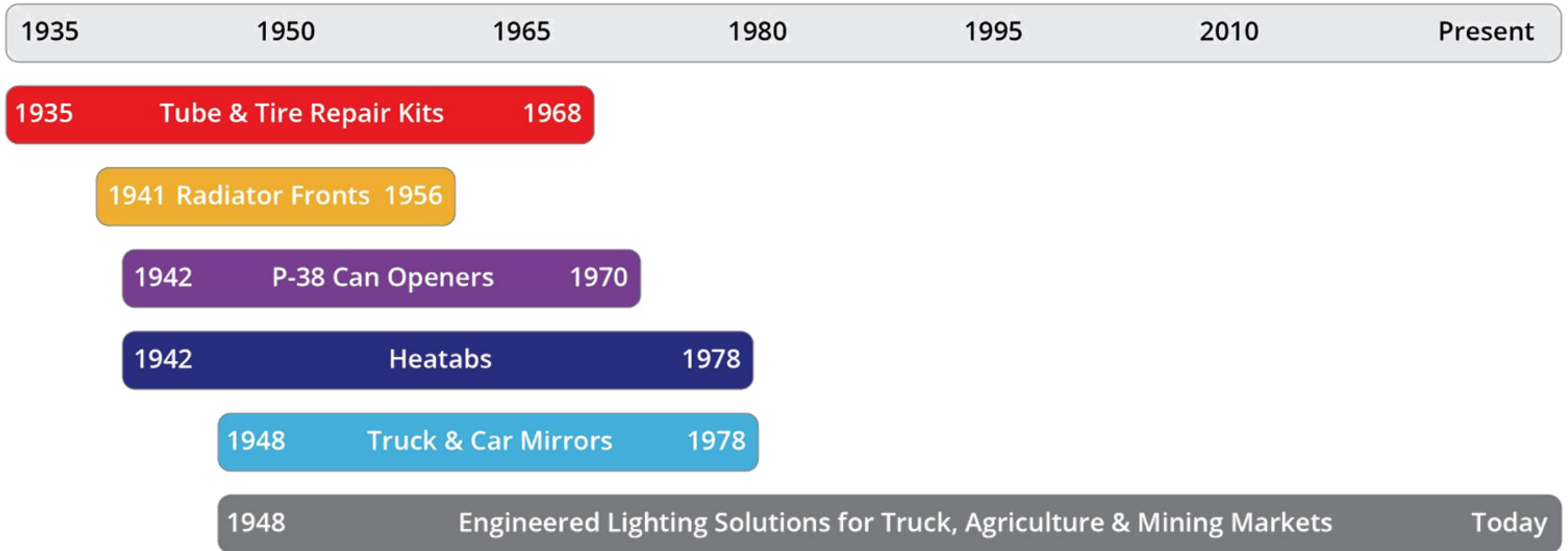


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# Our History

- Today, J.W. Speaker Corporation is still family owned and ran business
- Lead by Tim and Jamie Speaker with their management team
- Development of world leading LED forward lighting for key OEM worldwide
- Growing into the aftermarket with the latest LED performance technology
- Expanding into different markets around the global as a key brand
- Work closely with our OEM and aftermarket distributor to develop the world first LED headlamps, work lamps and safety products
- To meet all our customers need and wants with latest technology in LED lighting

# Our History





*Design Manufacturing Innovative Products for Over 80 years*



Safety Through Innovative Lighting Product  
By J.W. Speaker

# CAT D11 Dozer LED Scene Illumination

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# CAT D11

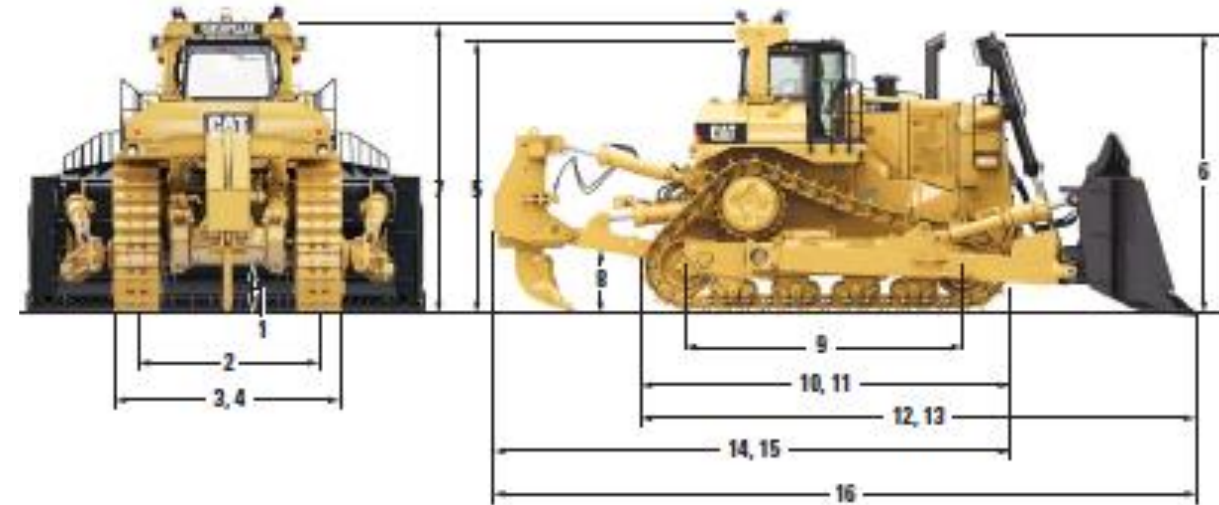


	D11T		D11T CD	
	mm	in	mm	in
1 Ground Clearance*	798	31.4	798	31.4
2 Track Gauge	2896	114.0	2896	114.0
3 Width without Trunnions (Standard Shoe)	3782	148.9	3806	149.8
4 Width over Trunnions	4379	172.4	4379	172.4
5 Height (FOPS Cab)*	4405	173.4	4405	173.4
6 Height (Top of Stack)**	4549	179.1	4549	179.1
7 Height (ROPS/Canopy)*	4723	185.9	4723	185.9
8 Drawbar Height (Center of Clevis)*	942	37.1	942	37.1
9 Length of Track on Ground	4444	175.0	4444	175.0
10 Overall Length Basic Tractor	6160	242.5	6160	242.5
11 Length Basic Tractor with Drawbar	6160	242.5	6160	242.5
12 Length with SU-Blade**	8579	337.8	8765	345.1
13 Length with U-Blade	8641	340.2	—	—
14 Length with Single-Shank Ripper	8107	319.2	8107	319.2
15 Length with Multi-Shank Ripper	8427	331.8	8427	331.8
16 Overall Length SU-Blade and SS Ripper**	10 525	414.4	10 712	421.7

\*Includes grouser height for total dimensions on hard surfaces.

\*\*CD Blade on D11T CD.

Note: D11T shown equipped with 710 mm (28 in) shoes.



# CAT D11



Front View:

- 1 Model 526 Flood
- 2 Model 526 trap

This combination will give full illumination for front and side



LH and RH Side



Rear View:

- 1 Model 526 Flood
- 2 Model 526 trap

This combination will give full illumination at the rear

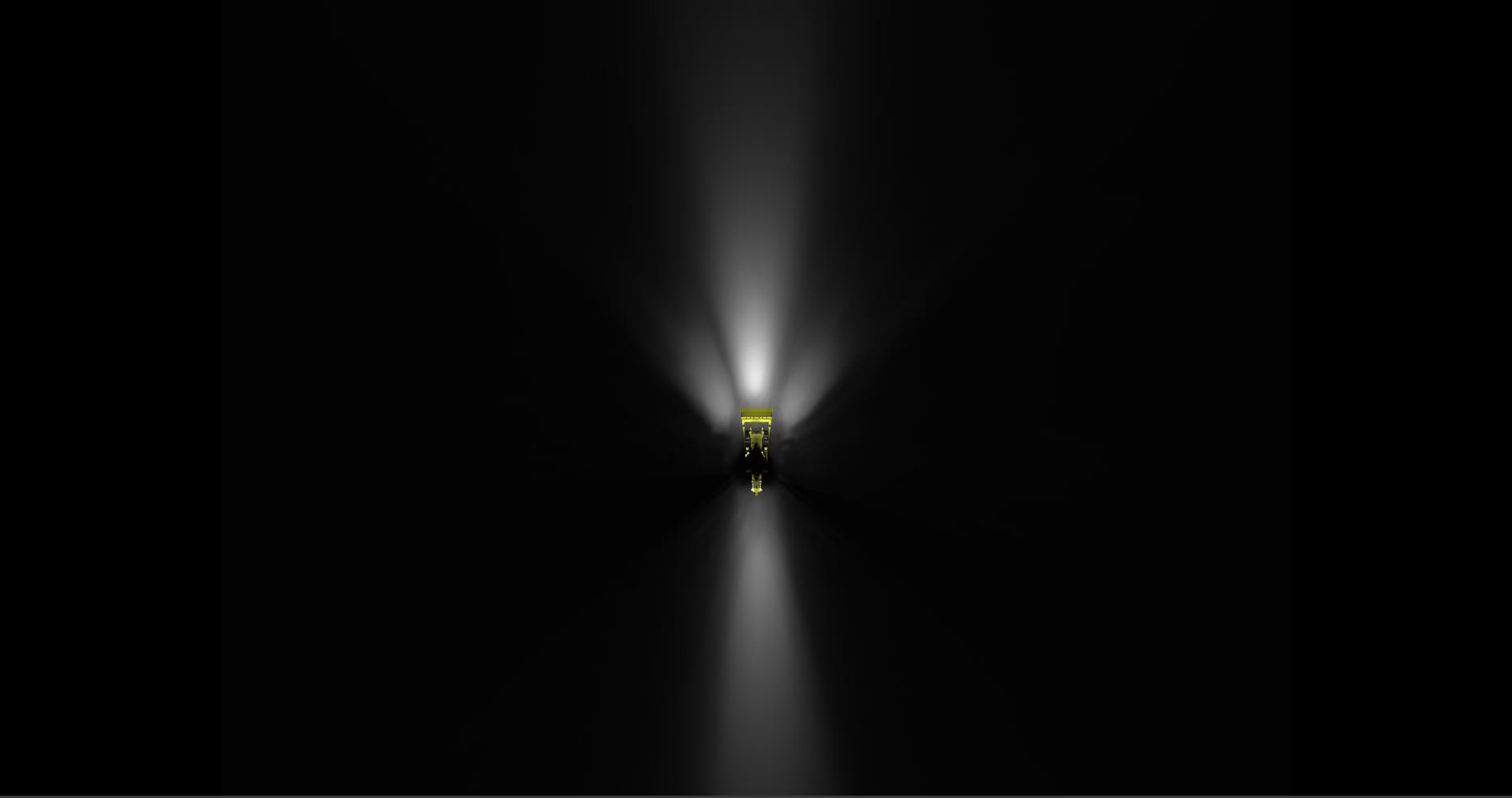




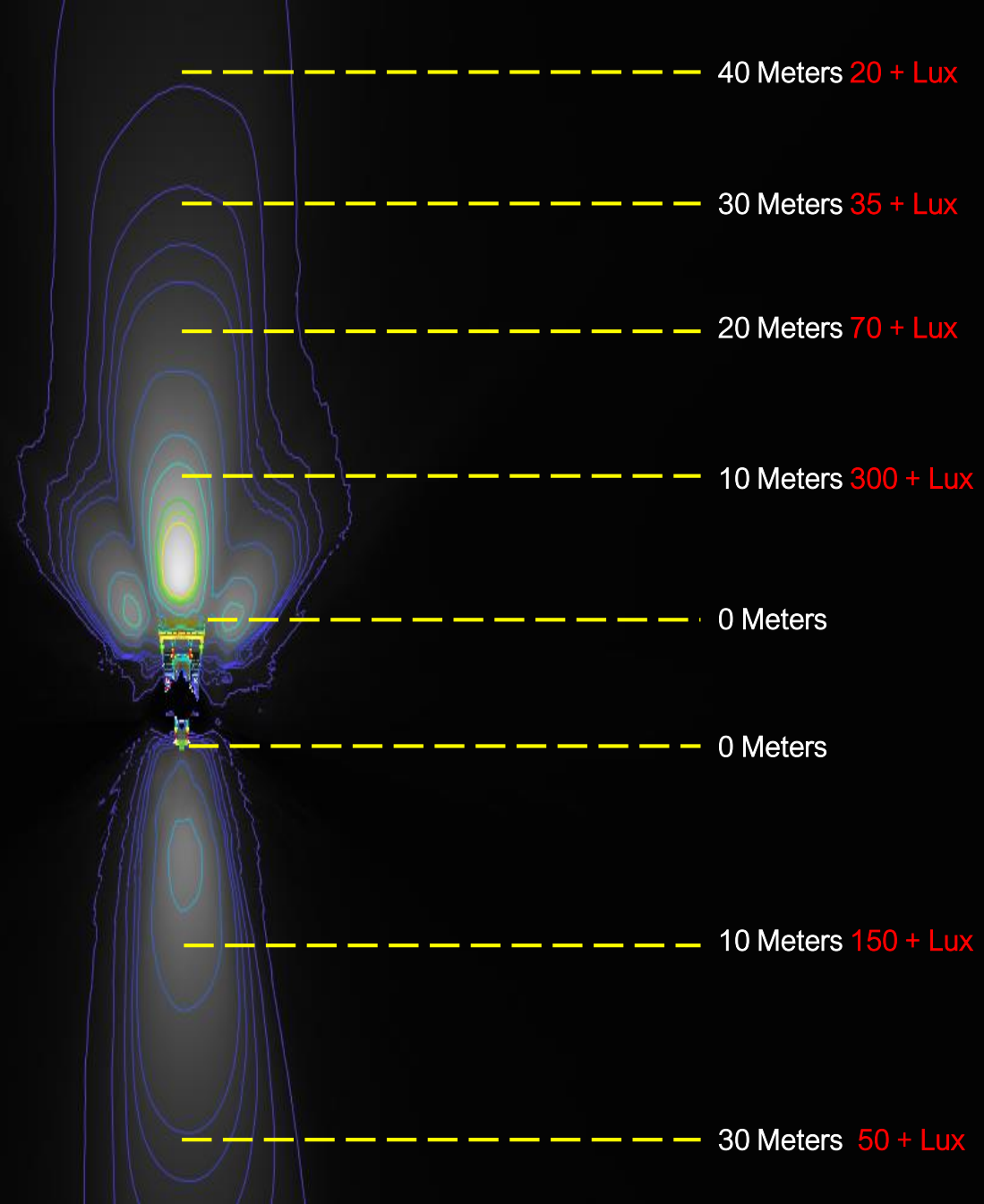
## V.R. Mapping For CAT D11

# CAT D11 VR Mapping

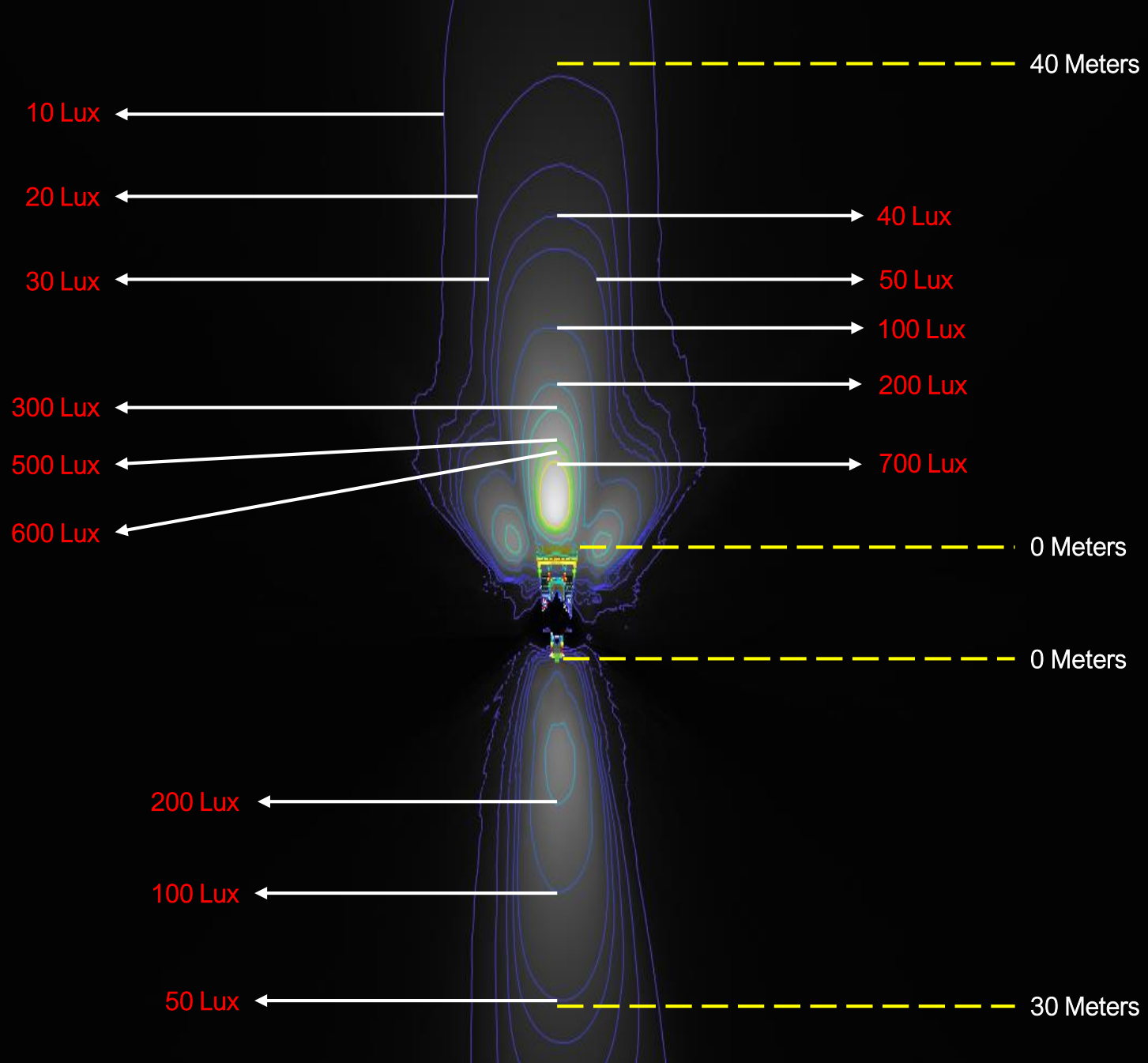
- All OE standard lighting replace with Model 526 in the same position
- Model 526 IP67 and IP69K 10 to 32 volts
- Raw Lumen 9,000 and Effective 5,800 Lumen
- Colour Temperature **5700K** (Kelvin), Daylight at High Noon **5500K**



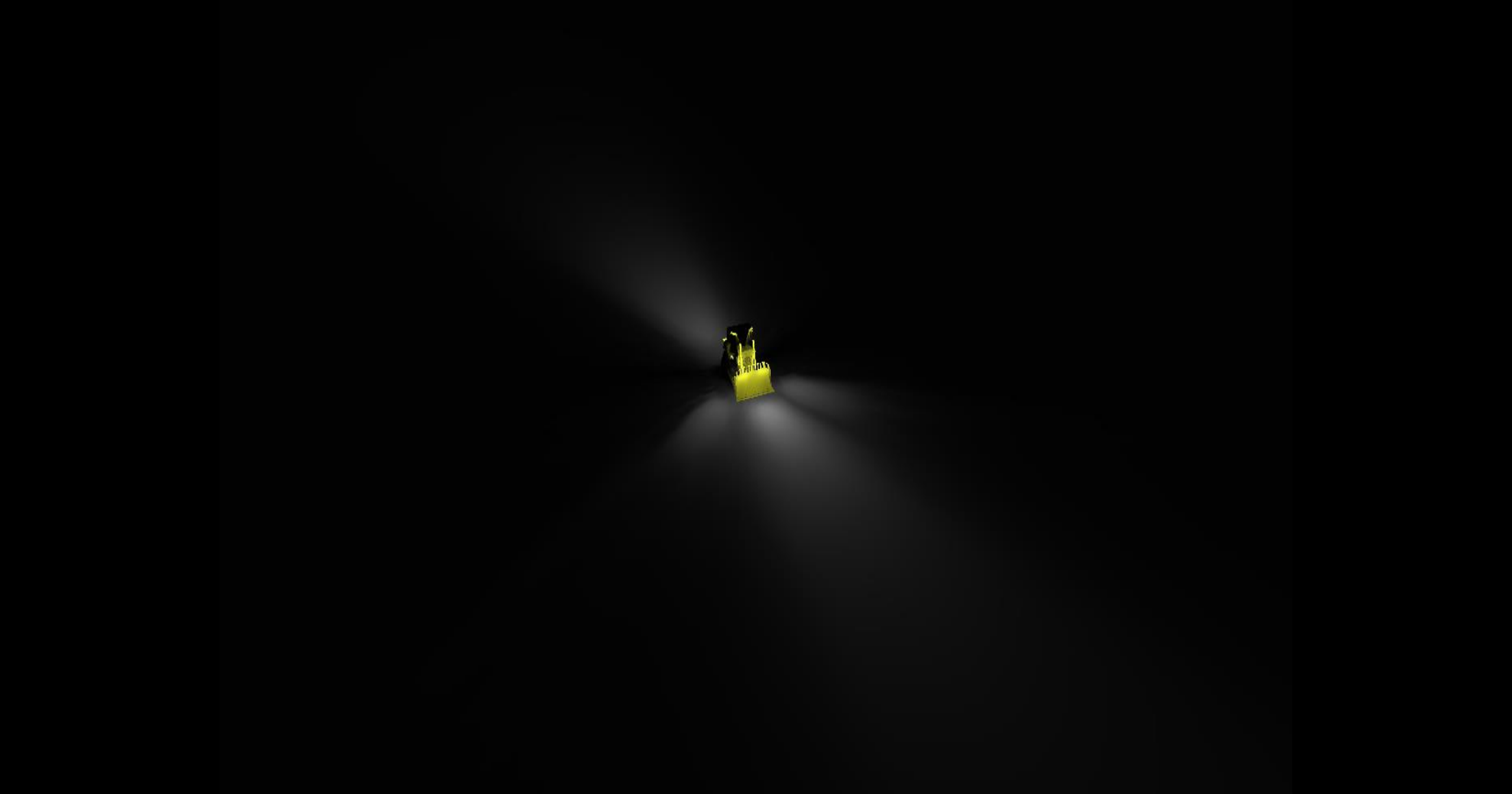
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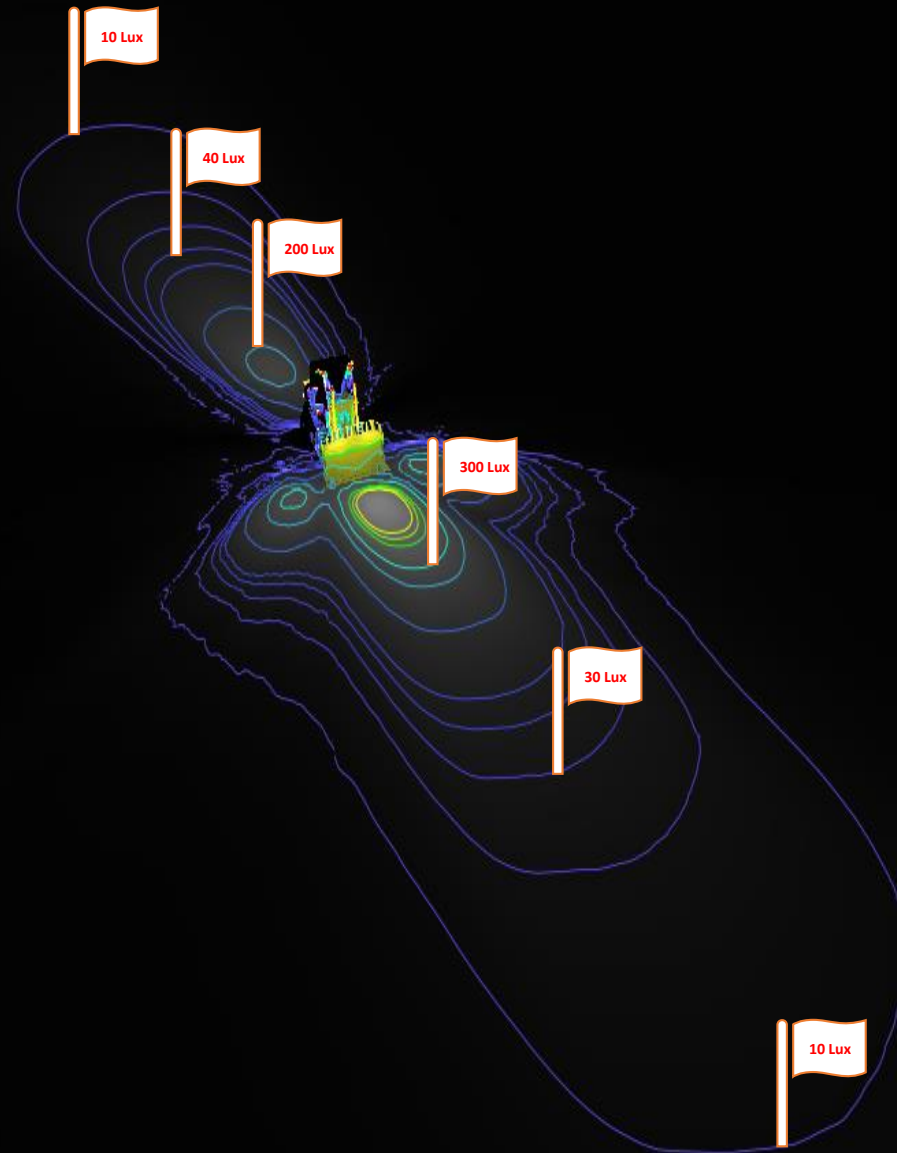




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# Summary

- Illumination colour temperature of Model 526 is **5700K**, Daylight at High Noon is **5500K**
- CRI of 90+ reproduce the colours of various objects as "realistically" or "naturally"
- Design for industrial application
- Model 526 LED Work Lamp 5 year warranty
- Design and manufacture in USA



# CAT D11 Product Use

PRODUCT INFORMATION

Description	12-24V LED Work Light with Black Housing, Polycarbonate Lens & Flood Beam Pattern
Height	160.02 mm / 6.3 in
Width	157.48 mm / 6.2 in
Depth	96.52 mm / 3.8 in
Shape	Square
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Die-Cast Aluminum
Housing Color	Black
Mounting Hardware Description	(x1) M10-1.5 x 25 Mounting Bolt
Mounting Type	Universal Pedestal Mount
Minimum Operating Temperature	-40 °C / -40 °F
Maximum Operating Temperature	65 °C / 149 °F
Connector or Wiring	iCONN Connector - iMATE23
Product Weight	0.00 lbs / 0 kgs
Shipping Weight	5.00 lbs / 2.27 kgs

ELECTRICAL SPECIFICATIONS

Input Voltage	12-24V DC
Operating Voltage	10-32V DC
Red Wire	Positive
Black Wire	Negative
Current Draw	9.00A @ 12V DC 5.00A @ 24V DC

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	9,000
Effective Lumen Output	5,800
Nominal LED Color Temperature	5700 K
Beam Pattern(s)	Forward Lighting

REGULATORY STANDARDS COMPLIANCE



Buy America Standards  
IEC IP69K

Eco Friendly



Model 526

6 Flood and 5 Trap

# Commitment

- J.W. Speaker are fully commit to the Safety in all mining equipment from the correct illumination and Red Zone area
- To work direct with the OEM and Mine site to design and develop product to suit the industrial market
- All product are available worldwide through key distributions who comprehend the Industrial Market to meet all demand

*Thank you*

N120 W19434 Freistadt Road  
Germantown, WI 53022 USA  
[www.jwspeaker.com](http://www.jwspeaker.com)