

PIONEER SERIES LIGHTING

PIONEER SERIES

UPDATED



All the performance and reliability benefits of Whelen's latest LED technology! Now you can upgrade your outdated halogen or HID lighting with a Pioneer or Pioneer Plus. Floodlights available in three voltages, 12, 24 VDC or 120 volts AC. New Spotlight and combination Spot light/Floodlight models.



Rugged die cast aluminium housing with heat dissipating fins.

- Surface mount solid-state electronics are rugged and reliable, eliminating the high cost of lamp or ballast replacement.
- Pioneer LED Floodlights are instant on/off eliminating warm up time and high inrush currents to achieve full intensity.
- Pioneer LEDs operate at very high light efficiency producing high lumen output per watt.
- Pioneer provides long life LED operation with low current consumption and low operating temperature.
- Rugged powder coated die cast housing with individual lamp adjustment.
- Heavy Duty Professional design and five year warranty.
- Pioneer Series simulate bright midday summer sunlight.
- Available in 12, 24 and 120 volts AC.
- 120 VAC models will operate using a generator to provide floodlighting at a distance away from the vehicle's voltage source without significant voltage drops.
- No ultraviolet rays that attract insects during night time operation.
- Kits available to upgrade Night Owl Mast Systems.
- e11 marked. *(12 & 24VDC models only)

12 VDC	24 VDC	e11* ✓
120 VAC	5 YEAR WARRANTY	



The licensed manufacturer for
European Certified
WHELEN
products



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Woodway Engineering Limited

PIONEER SERIES LIGHTING

PFA1

Ideal for immediate area scene illumination the PFA1 provides uniform light intensity without being distracting to personnel working close to the vehicle.



WHELEN

- 70m
- 46m
- 30m
- 15m



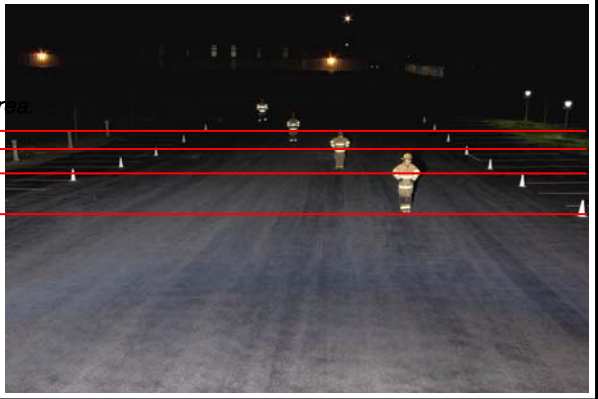
PFP1

For long range scene illumination the PFP1 has 2 narrow angled light beams which converge at a greater distance providing scene illumination outside of the immediate working area.



WHELEN

- 70m
- 46m
- 30m
- 15m



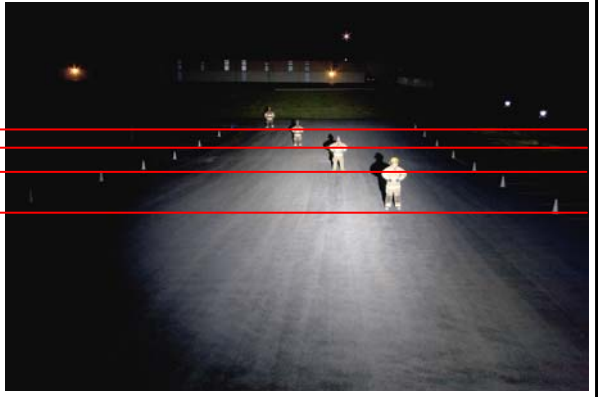
PSP1

Single Spot Light with 8 degree beam pattern.



WHELEN

- 70m
- 46m
- 30m
- 15m



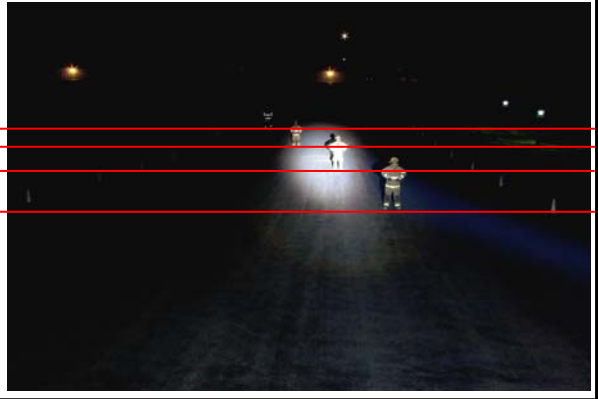
PTP1

Single Spot Light with 2 degree beam pattern.



WHELEN

- 70m
- 46m
- 30m
- 15m



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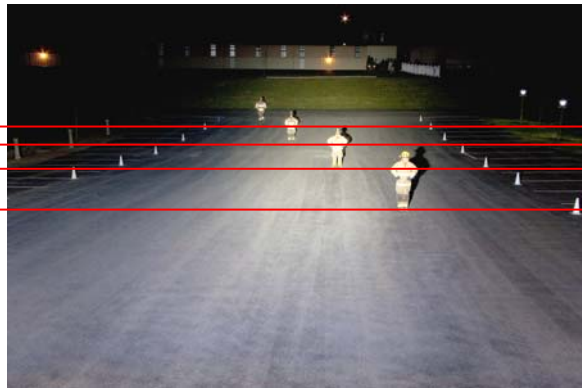
PIONEER SERIES FLOODLIGHT













PCP2

Recommended combination of Pioneer flood and spot Lighting. The PCP2 provides PFP1 flood & PSP1 spot in a single packaged dual lamp.



70m
46m
30m
15m



Mounting	Lamp	Description	Photos
PBA103	Single	Semi-recessed mount with chrome ring. Housing mounts the floodlight straight out or at 15° downwards angle.	 
PBA203	Dual		
PBA0127	Single	2-3/4 inch brow mounting brackets, adjustable to 20° downwards angle.	 
	Dual		
PFA130	Single	3 inch radius brow mounting brackets, adjustable to 20° downward angle.	 
	Dual		
PBA106	Single	Universal mounting bracket tilts up/down, adjustable to 25° upwards or downwards angle.	 
PBA206	Dual		
PBAPED	Single	Pedestal mount bracket tilts up/down, base swivels 360°, includes handle.	 
PBAPED2	Dual		
PBAPOL	Single	Pole mount adaptor fits 3/4 inch NPT poles. Includes removable handle.	 
PBAPOL2	Dual		

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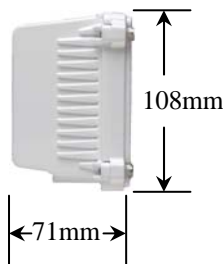
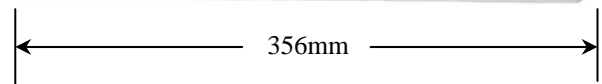
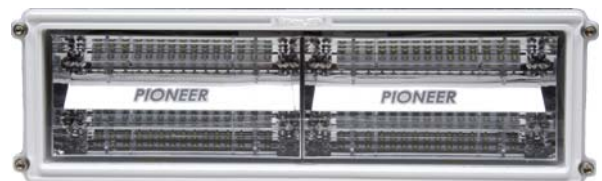
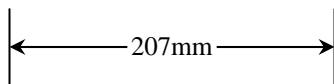
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UPDATED PIONEER SERIES

PIONEER SERIES FLOODLIGHT

Model	Type	Source	VDC	AMPS	Usable Lumens
PFA1	single	12 Super-LED	12	3	3000
PFP1	single	36 Super-LED		6	7000
PSP1	single	30 Super-LED		6	7000
PTP1	single	18 Super-LED		5.4	4500
PFA14	single	12 Super-LED	24	1.5	3000
PFP14	single	36 Super-LED		3	7000
PSP14	single	30 Super-LED		3	7000
PTP14	single	18 Super-LED		2.7	4500
PFA2	dual	24 Super-LED	12	3	3000
PFP2	dual	72 Super-LED		6	7000
PSP2	dual	60 Super-LED		6	7000
PCP2	dual	66 Super-LED		5.4	4500
PFA24	dual	24 Super-LED	24	1.5	3000
PFP24	dual	72 Super-LED		3	7000
PSP24	dual	60 Super-LED		3	7000
PCP24	dual	66 Super-LED		2.7	4500
PFP1AC	single		120VAC	0.625	5500
PFP2AC	dual			1.25	11,000



108mm

71mm

Approximate Weights:

PFA1 / PFP1 / PSP1 / PTP1 2.3kg

PFA2 / PFP2 / PSP2 / PCP2 3.1kg



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