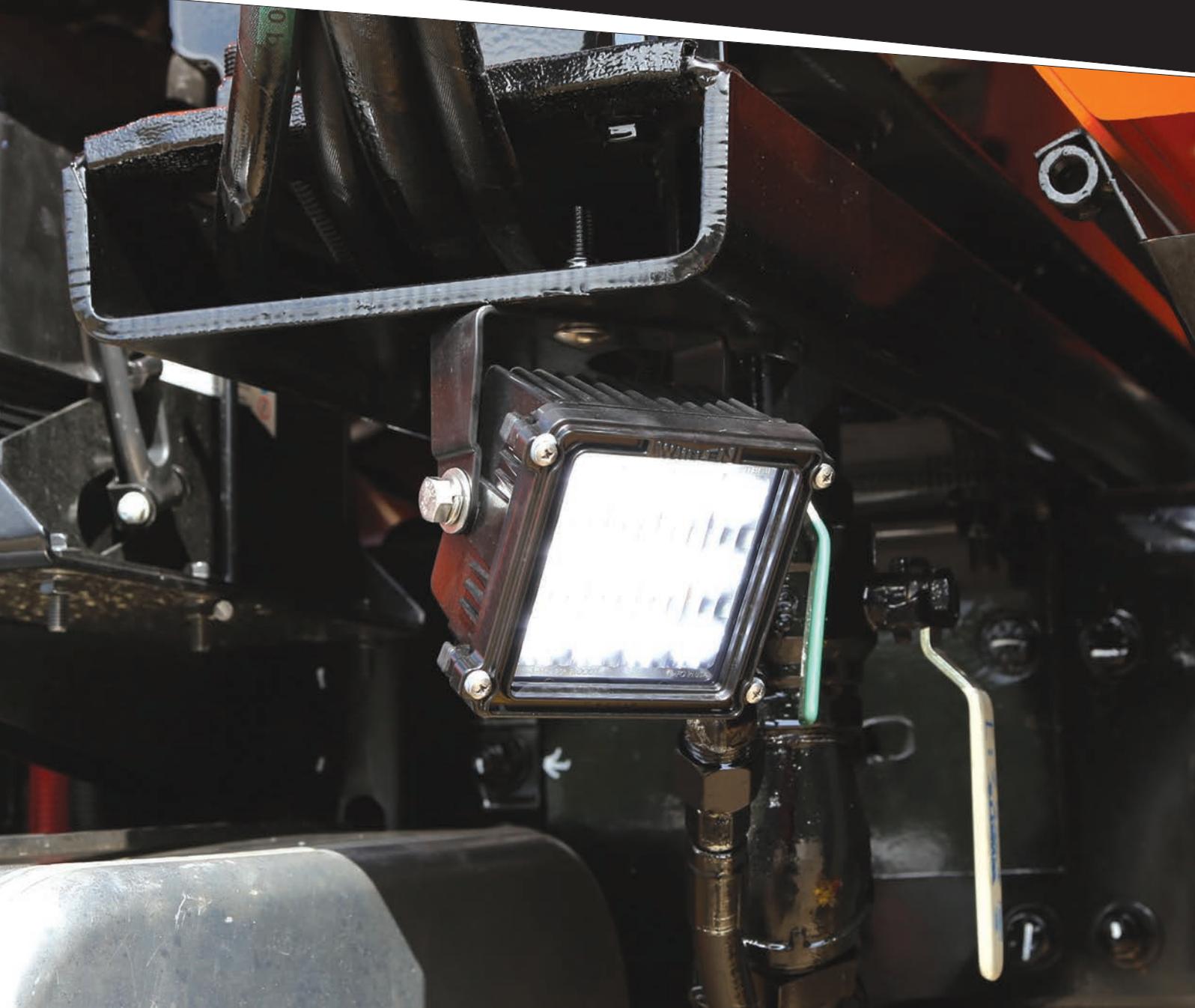




Pioneer Plus™

Professional Illumination



Contents

Pioneer Summit™	2
Pioneer Micro™	3
Pioneer Nano™	5
Pioneer SlimLine™	6
Pioneer Plus™	7
Pioneer Plus 115 VAC	9
Pioneer Plus Surface Mount	10
Pioneer LiFe™	11
Pioneer Plus Mounting	12
3000 and 3100 Pioneer Pole Mount	13
3050 Series Pioneer Pole Mount	15
3200 Series Pioneer Folding Tripod	16
3300 Series Pioneer Ground Tripod	17



Visit us at whelen.com

to learn about our full line of emergency lighting and warning products



visit whelen.com/eng_apps to download

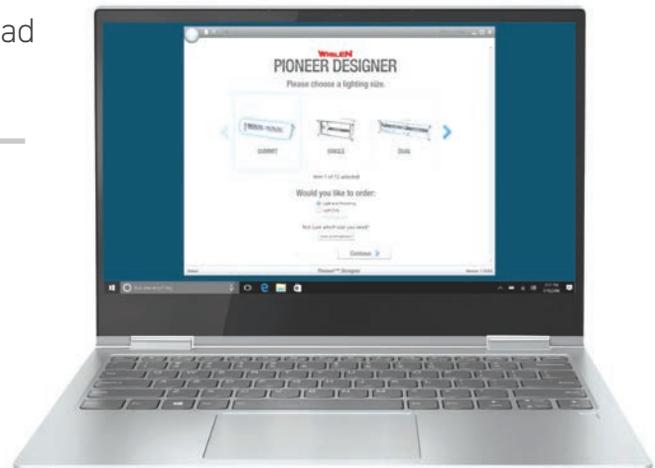
Pioneer Designer

System Requirements

- Microsoft Windows® Vista, Windows 7, Windows 8/8.1, and Windows 10
- 500MB of RAM (1GB recommended)
- 25MB of available hard disk space

Additional Prerequisites

- Windows Installer 3.1
- .NET Framework 4.0 (automatically checked during the installation, and may require additional hard disk space)



CHOOSE A MODEL

MODELS

- NEW 2017 Pioneer Plus Floodlight, 150 Watts
- NEW 2017 Pioneer Plus Flood/Spot, 75/75 Watts
- Pioneer Floodlight, 70 Watts
- Pioneer Plus Floodlight, 150 Watts**
- Pioneer Plus Combo Spot/Flood Dual Panel, 75/75 Watt
- Pioneer Plus Floodlight, 8 Deg. Spotlight, 75/75 Watts
- Pioneer Plus 8 Deg. Spotlight, Floodlight, 75/75 Watts

Current Model Number: PFP2B

The above image demonstrates light output.

ADDITIONAL OPTIONS

Color:

Black

White

ORDERING INFORMATION

Date: 9/17/2019

Account Number:

Purchase Order:

Billing Address:

First Name:

Last Name:

Company Name:

Address:

Address 2:

City:

Country:

State:

Region/Province:

Zip:

Shipping Address:

First Name:

Last Name:

Company Name:

Address:

Address 2:

City:

Country:

State:

Region/Province:

Zip:

Pioneer Summit™

5YR

10-30

IP67

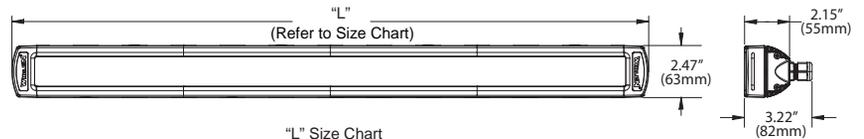
PROCLERA
SILICONE OPTICS



Download **Pioneer™ Designer** for a list of available options. whelen.com/eng_apps

- SAE 578 Color Temperature Certified
- Preconfigured spot, flood, or scene optics
- Available with White illumination, Amber marker, and warning lights
- Warning lights require a remote flasher, purchased separately
- Individual control of each set of optics
- Hard-coated lenses
- Extruded and die-cast aluminum powder-coated housing available in Black or White
- Screwless lens retainer design provides a clean finish and the improved ability to adjust optic configuration
- 100% solid-state electronics
- Rear mounting track for flexible mounting configurations, bail bracket mount standard

WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



"L" Size Chart

30.37" (771mm)	44.37" (1,127mm)	58.37" (1,483mm)	72.37" (1,838mm)	86.37" (2,194mm)
-------------------	---------------------	---------------------	---------------------	---------------------



Pioneer Micro™

5YR 12 24 IP67



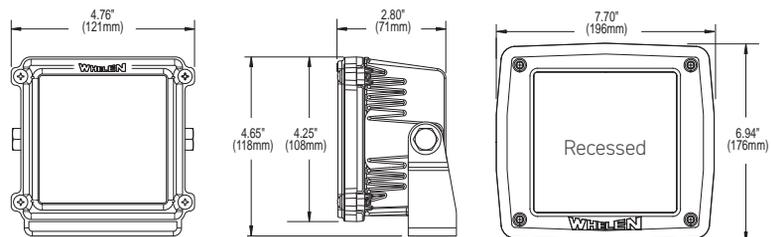
Download **Pioneer™ Designer** for a list of available options.
whelen.com/eng_apps



- 8° spotlight pattern comes standard. Includes three additional optic lenses for a light pattern choice of:
 - 90° x 20° wide flood
 - 40° x 20° standard flood
 - 40° x 8° narrow flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable
- Five mounts available:
 - Powder-coated stainless steel bail bracket with 0.375" stud carriage bolt mount
 - Recessed 90° angle mount with Chrome flange
 - Recessed 15° angle mount with Chrome flange
 - Pole/pedestal mount with handle available with or without On/Off switch
 - Low profile pedestal mount available with Chrome or Black back cover, with or without On/Off switch

MODEL	DESCRIPTION	LUMENS*
MPBW	Bail/stud mount, White housing	5,695
MPBB	Bail/stud mount, Black housing	5,695
MPPW	Low profile pedestal/swivel mount, White housing	5,695
MPPWCS	Low profile pedestal/swivel mount, Chrome cover, White housing and on/off switch	5,695
MPPB	Low profile pedestal/swivel mount, Black housing	5,695
MPPBBS	Low profile pedestal/swivel mount, Black housing	5,695
MPPBCS	Low profile pedestal/swivel mount, Chrome cover, Black housing and on/off switch	5,695
MPRW	Straight recessed mount, White housing	5,695
MPRB	Straight recessed mount, Black housing	5,695
MPR15W	15° recessed mount, White housing	5,695

*Total design lumens produced at time of publication. LED flux BINS periodically increase due to evolution of LED technology. Whelen reserves the right to increase lumen output when higher Flux BINS are available.



WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



Pioneer Nano™

5YR 12 24 IP67



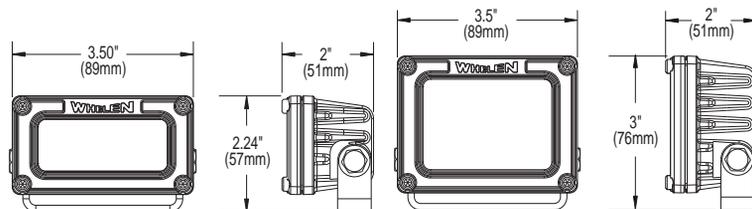
Download **Pioneer™ Designer** for a list of available options.
whelen.com/eng_apps



- 8° spotlight pattern comes standard. Includes additional optic lens for a light pattern choice of:
 - 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable
- Powder-coated stainless steel bail bracket with 0.375" stud carriage bolt mount
- Consult current price list for available options

MODEL	DESCRIPTION	LUMENS*
NP3BW	3-LED, bail mount, White housing	1,566
NP3BB	3-LED, bail mount, Black housing	1,566
NP6BW	6-LED, bail mount, White housing	2,552
NP6BB	6-LED, bail mount, Black housing	2,552

*Total design lumens produced at time of publication. LED flux BINS periodically increase due to evolution of LED technology. Whelen reserves the right to increase lumen output when higher Flux BINS are available.



⚠ WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



Pioneer SlimLine™



5YR 12 24 IP67



Download **Pioneer™ Designer** for a list of available options. whelen.com/eng_apps

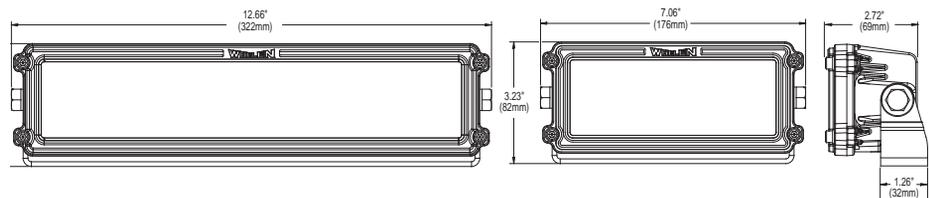


- Available in single or dual models
- Single Lamp Models - 8° spotlight pattern comes standard. Includes additional 40° x 20° flood lens
- Dual Lamp Models - 8° spotlight pattern comes standard. Includes two additional optic lenses for a light pattern choice of:
 - Dual 40° x 20° flood
 - 8° spot and 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable
- Powder-coated stainless steel bail bracket

MODEL	DESCRIPTION	LUMENS*
PSL1B	Single panel, bail/stud mount, White housing	5,103
PSL1BB	Single panel, bail/stud mount, Black housing	5,103
PSL1P	Single panel, low profile pedestal/swivel mount, White housing	5,103
PSL1PB	Single panel, low profile pedestal/swivel mount, Black housing	5,103
PSL1R	Single panel, semi-recessed, Chrome flange mount, White housing	5,103
PSL1RB	Single panel, semi-recessed, Chrome flange mount, Black housing	5,103
PSL1R5	Single panel, semi-recessed 15° angle Chrome flange mount, White housing	5,103
PSL1R5B	Single panel, semi-recessed 15° angle Chrome flange mount, Black housing	5,103
PSL2B	Dual panel, bail/stud mount, White housing	10,206
PSL2BB	Dual panel, bail/stud mount, Black housing	10,206
PSL2P	Dual panel, low profile pedestal/swivel mount, White housing	10,206
PSL2PB	Dual panel, low profile pedestal/swivel mount, Black housing	10,206
PSL2R	Dual panel, semi-recessed, Chrome flange mount, White housing	10,206
PSL2RB	Dual panel, semi-recessed, Chrome flange mount, Black housing	10,206
PSL2R5	Dual panel, semi-recessed 15° angle Chrome flange mount, White housing	10,206
PSL2R5B	Dual panel, semi-recessed 15° angle Chrome flange mount, Black housing	10,206

*Total design lumens produced at time of publication. LED flux BINS periodically increase due to evolution of LED technology. Whelen reserves the right to increase lumen output when higher Flux BINS are available.

WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



Pioneer Plus™



PROCLERA
SILICONE OPTICS



Download **Pioneer™ Designer**
for a list of available options.
whelen.com/eng_apps

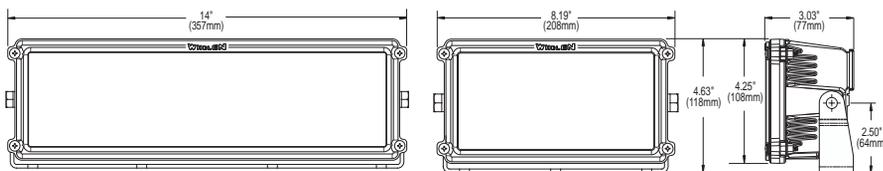


- Available in single and dual models
- Pioneer Plus Combination Floodlight/Spotlight features Proclera® Optic Technology
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Powder-coated stainless steel bail bracket
- DC models includes 240" cable, AC models include 12" wire leads

⚠ WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

MODEL	DESCRIPTION	LUMENS*
PFH1	Single panel floodlight	10,130
PCH1	Single panel combination flood/spot	10,130
PFH2	Dual panel floodlight	20,261
PCH2	Dual panel combination flood/spot	20,261
PFP1AC	Single panel floodlight, 115 VAC	10,130
PSP1AC	Single panel, spot light, 8°, 115 VAC	10,130
PFP2AC	Dual panel floodlight, 115 VAC	20,261
PCP2AFS	Dual panel, combination flood/spotlight, 115 VAC	20,614
PCP2ASF	Dual panel, combination spot/floodlight, 115 VAC	20,614
PCP3	Max combination flood and 8° spotlight	19,305
PCP3A	Max combination flood and 8° spotlight, 115 VAC	19,819

*Total design lumens produced at time of publication. LED flux BINS periodically increase due to evolution of LED technology. Whelen reserves the right to increase lumen output when higher Flux BINS are available.





Pioneer Plus™ 115 VAC

5YR 12 24 120 IP67 UL



Download **Pioneer™ Designer** for a list of available options.
whelen.com/eng_apps

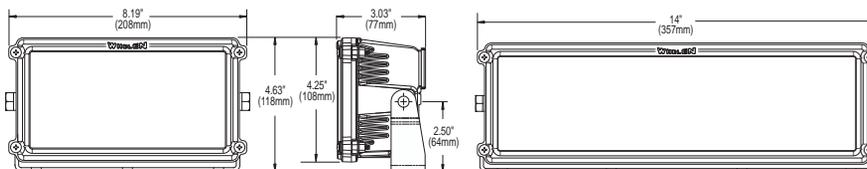


- Available in single and dual models
- Pioneer Plus Combination Floodlight/ Spotlight features Proclera® Optic Technology
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Powder-coated stainless steel bail bracket
- DC models includes 240" cable, AC models include 12" wire leads

MODEL	DESCRIPTION	LUMENS*
PSP1AC	Single 8° spotlight, with White housing	8,517
PCP2AFS	Dual floodlight/spotlight, flood: left Spot: right, White housing	20,614
PCP2ASF	Dual floodlight/spotlight, flood: right, Spot: left, White housing	20,614
PCP2AFSB	Dual floodlight/spotlight, flood: left, Spot: right, Black housing	20,614
PCP2ASFB	Dual floodlight/spotlight, flood: right, Spot: left, Black housing	20,614
PFP1AC	Single floodlight, with White housing	8,517
PFP2AC	Dual floodlight, with White housing	20,614
PFP1ACB	Single floodlight, with Black housing	8,517
PFP2ACB	Dual floodlight, with Black housing	20,614

*Total design lumens produced at time of publication. LED flux BINS periodically increase due to evolution of LED technology. Whelen reserves the right to increase lumen output when higher Flux BINS are available.

WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



Pioneer Plus™ Surface Mount



Download **Pioneer™ Designer** for a list of available options. whelen.com/eng_apps

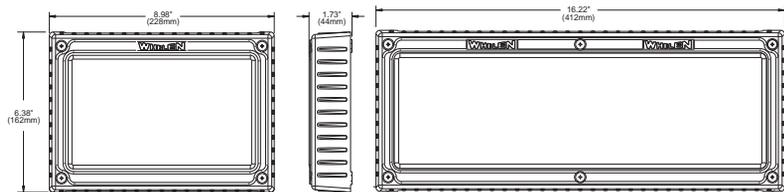


- Available in single and dual models
- Injection molded polycarbonate lenses are impact resistant and hard-coated
- Powder coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable
- Surface mount:
 - Requires no body cut-outs
 - Built-in nylon screw grommets eliminate galvanic corrosion
 - Uniquely designed silicone grommet seals the 1" wire entry into the body
 - Available with Chrome or Black flange

MODEL	DESCRIPTION	LUMENS*
PCPSM1C	Single, flood/spot, Chrome flange	10,444
PCPSM2C	Dual, flood/spot, Chrome flange	20,888
PCPSM1B	Single, flood/spot, Black flange	10,444
PCPSM2B	Dual, flood/spot, Black flange	20,888
PCPSM14C	Single, flood/spot, Chrome flange	10,444
PCPSM24C	Dual, flood/spot, Chrome flange	20,888
PCPSM14B	Single, flood/spot, Black flange	10,444
PCPSM24B	Dual, flood/spot, Black flange	20,888
PCPSM1AC	Single, flood/spot, Chrome flange	11,231
PCPSM2AC	Dual, flood/spot, Chrome flange	22,462
PCPSM1AB	Single, flood/spot, Black flange	11,231
PCPSM2AB	Dual, flood/spot, Black flange	22,462

*Total design lumens produced at time of publication. LED flux BINS periodically increase due to evolution of LED technology. Whelen reserves the right to increase lumen output when higher Flux BINS are available.

WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.





Pioneer LiFe™

5YR 12 IP67



Download **Pioneer™ Designer** for a list of available options.
whelen.com/eng_apps

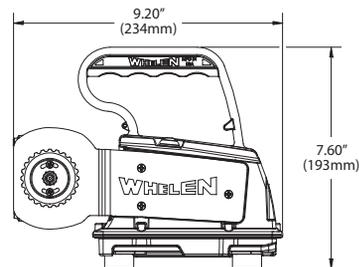
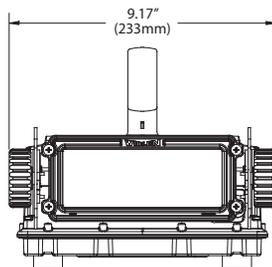


- Pioneer SlimLine™ optic is optimized for portable applications in order to control and focus light to work areas
- Includes two optic lenses:
 - Floodlight lens
 - 8° TIR spotlight lens
- Impact-resistant glass-reinforced nylon housing in Black or Safety Yellow
- The adjustable ratcheting mechanism allows for a 180° range of uninterrupted light
- The intelligent Inductive Charger™ (IIC™) is wireless and eliminates the need for plugs and wires by utilizing inductive charging technology
- Pioneer LiFe 35 lights feature a built-in lithium iron phosphate battery
- Pioneer LiFe 28 lights are available with a built-in lithium iron phosphate or lead acid battery

MODEL	DESCRIPTION	LUMENS
LF35	12 VDC light	5,103
LF35A	115-240 VAC light, NEMA plug for U.S.	5,103
LF35E	240 VAC light, CEE7 plug for Europe	-
LF28	12 VDC light, rechargeable LiFePO Battery	-
LA28	12 VDC light, rechargeable lead acid battery	-
LF28A	115 - 240 VAC light, rechargeable LiFePO battery, with standard NEMA plug for U.S.	-
LA28A	115 - 240 VAC light, rechargeable lead acid battery, with standard NEMA plug for U.S.	-
LF35BASE	Base only, no charger	-
LF35CB12	12 VDC, charging base	-
LF35CBAC	115-240 VAC, charging base, with standard NEMA plug for U.S.	-
LF35CBAE	240 VAC, charging base, with CEE7 plug for Europe	-
LF35TPM	Pole mount adapter for 1-1/8" poles, with LF35BASE	-

*Total design lumens produced at time of publication. LED flux BINS periodically increase due to evolution of LED technology. Whelen reserves the right to increase lumen output when higher Flux BINS are available.

WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



Pioneer Plus™ Mounting



Download **Pioneer™ Designer** for a list of available models. whelen.com/eng_apps

The Pioneer Plus family is compatible with many secure mounting options. Mounts are available for single or dual lamp models. For more information, download the Pioneer Designer.

- Pedestal mount
- Locking pedestal mount
- Low profile Pedestal/swivel mounting
- Universal bail bracket
- Semi-recessed with Chrome trim ring
- Vehicle specific brow mount kit
- Pole/pedestal mount

⚠ WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



PBAPEDAL/
PBAPEDDL
Locking pedestal
mount adapter



PBH106U / PBH206U
Universal bail bracket



PBAPEDA / PBAPEDD
Pedestal mount adapter



PCH2P
Pole/Pedestal
Mount Adapter



PH1LPED Low
Profile Pedestal/
Swivel Mount



PBH103 / PBH203
Semi-recessed mount
with Chrome trim ring



3000 & 3100 Series Pioneer™ Pole Mounting

5YR



Download **Pioneer Designer** for a list of available options. whelen.com/eng_apps

- 57" extruded anodized aluminum AC and DC adjustable pole assemblies
- Available with top or bottom mount locking collar
- Outer body certified to NFPA 15.8 Access Handrails or Handhelds
- Three conductor internal input wire for AC models, four conductor internal input wire for DC models
- Side and Thru Body mount versions
- Requires purchase of Pioneer lighthead with pole/pedestal mount adapter
- Optional lower side mount cradle bracket
- Optional internal top mount or bottom

lower cradle mount electromagnetic sensor. These indicate if the pole has been seated properly into the cradle for travel (customer supplied warning indicator light)

⚠ WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

3000 Series

3100 Series

Side Mount Pole Assemblies
Top Mount Locking Collar

Side Mount Pole Assemblies
Bottom Mount Locking Collar

Thru Mount Pole Assemblies



57"
adjustable
pole
assemblies

Top Mount Locking Collar
Mount is above the outer body. Pull-up to extend pole

Top Mount Locking Collar
Mount is above the vehicle's body. Pull-up to extend pole

Bottom Mount Locking Collar
Mount is below the outer body. Push-up to extend pole.

Bottom Mount Locking Collar
Mount is below the vehicle's body. Push-up from inside vehicle's compartment to extend pole

Shown with PFP2AP1 lighthead, sold separately

Shown with PCH2P lighthead, sold separately

Shown with PFP2AP1B lighthead, sold separately

Shown with PFP2AP1B lighthead, sold separately

Shown with PFS2P1 lighthead, sold separately

Shown with PFA1P1 lighthead, sold separately



⚠ DANGER
DO NOT RIDE ON REAR
STEP WHILE VEHICLE IS
IN MOTION
DEATH OR SERIOUS
INJURY MAY RESULT

3050 Series Pioneer™ Pole Mounting

5YR



Download **Pioneer Designer** for a list of available options. whelen.com/eng_apps

- Extruded aluminum AC pole assemblies
- Available in 30" (76cm), 40" (102cm), and 50" (127cm) lengths
- 40" (102cm) DC pole assembly available
- Side mount with Silver powder coated non-adjustable stand-off mounting brackets available in 2", 3", 5", and 7"
- Top mount (pull-up)
- Three conductor internal input wire
- Poles and outer bodies are anodized to eliminate corrosion and yellowing
- Requires purchase of Pioneer lighthead with pole/pedestal mount adapter

⚠ WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



3200 Series Pioneer™ Folding Tripod

5YR



Download **Pioneer Designer**
for a list of available options.
whelen.com/eng_apps

- Extruded aluminum AC tripod assemblies
- Available in 30" (76cm), 40" (102cm), and 50" (127cm) lengths
- Tripod models available are:
 - Wireless for use with ground tripod
 - With inner coil cord without plug
 - With inner coil cord with plug
 - With loose external coil cord for top wire exit with plug
 - With loose coil cord for external top wire exit without plug
- All moving aluminum parts are isolated with nylon bushings for superior industry leading adjustment and fold outs. All inner poles, outer bodies, and folding legs are anodized to eliminate corrosion and yellowing
- Requires Pioneer with pole/pedestal mount adapter (purchased separately)
- Optional tripod mounting cradle bracket with upper quick disconnect mount bracket (model 87283001)
- Optional ground tripod mounting bracket for all folding tripods (model 87283002)

 **WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



Models shown with Pioneer lighthouses, purchased separately. Shown with optional plug

3300 Series Pioneer™ Ground Tripod

5YR



Download **Pioneer Designer** for a list of available options. whelen.com/eng_apps

- White powder coated cast aluminum AC portable ground tripod
- Includes stationary quick disconnect mount
- Includes 12" cable
- Requires purchase of Pioneer lighthouse with pole/pedestal mount adapter
- 3300 ground tripod can be secured to the body or stowed in a compartment via the ergonomic quick disconnect spring in mounting bracket
- 3300 ground tripod can be installed on a 3200 series folding tripod, 3300 or 3100 series pole, or pedestal base using either the standard or heavy duty adapter kit
- Optional plugs available

WARNING: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Quick Disconnect Mounting bracket



Spring pin mounting bracket (shown)

87312001



PFF2AP1

Pole Mount Adapter Kit



Heavy-duty adapter kit

873120A2

-or-



Standard adapter kit (shown)

87283002







51 Winthrop Road, Chester, CT 06412-0684
860-526-9504
www.whelen.com

ISO 9001 Registered QMS

Whelen Engineering reserves the right to upgrade and improve products without notice.

© 2020 Whelen Engineering Company, Inc.
Printed in the U.S.A. Form No. 12243T - 02/07/20

*Whelen*ENG

