Photogenic, the leading manufacturer of innovative lighting equipment and accessories, was founded in 1903. Photogenic’s core lighting products are designed by an experienced team of engineers and manufactured in Bartlett, Ill. Many of the world’s most renowned professional photographers rely on Photogenic Professional Lighting to help them capture subjects in their best light.

Photogenic understands the challenges and applications of professional photographers. Applying their expertise, the Photogenic team understands the important role lighting plays in what the photographer is ultimately trying to accomplish in the image they are creating. To that end, Photogenic’s product development, equipment and vast selection of light shaping accessories allow photographers the freedom to create with light.

Among professional photographers, Photogenic continues to be the lighting choice for its accuracy, consistency, and reliability. Photogenic has a long-established reputation for supplying high-quality lighting equipment and light shaping accessory products for photographers of all skill levels—from budding amateurs to seasoned professionals.

Please visit us at:
photogenic.com

follow us on facebook.com/photogenic.professional.lighting
follow us on twitter.com/photogenicpro
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ION: LITHIUM-ION PURE SINE WAVE INVERTER</td>
<td>4-7</td>
</tr>
<tr>
<td>MONOLIGHTS: SOLAIR™, POWERLIGHTS®, STUDIOMAX® III</td>
<td>8-20</td>
</tr>
<tr>
<td>QUICK-CHANGE™ ACCESSORIES</td>
<td>21-25</td>
</tr>
<tr>
<td>FLASHTUBES AND LAMPS</td>
<td>26-27</td>
</tr>
<tr>
<td>WIRELESS CONTROL</td>
<td>28-29</td>
</tr>
<tr>
<td>FLASHMASTER® LIGHTING SYSTEMS AND ACCESSORIES</td>
<td>30-31</td>
</tr>
<tr>
<td>DIGILIGHT® CONTINUOUS LIGHTING: CL500 PHOTOFLOOD, CL150FS MINI SPOT</td>
<td>32-33</td>
</tr>
<tr>
<td>HORIZON™ FLUORESCENT LIGHTING</td>
<td>34</td>
</tr>
<tr>
<td>CHAMELEON™ REFLECTORS</td>
<td>35</td>
</tr>
<tr>
<td>ECLIPSE® UMBRELLAS</td>
<td>36-37</td>
</tr>
<tr>
<td>PHOTOGENIC® SOFT BOXES</td>
<td>38-39</td>
</tr>
<tr>
<td>STUDIOMAX® III ACCESSORIES</td>
<td>39</td>
</tr>
<tr>
<td>PHOTOGENIC® CASES</td>
<td>40</td>
</tr>
<tr>
<td>PHOTOGENIC® POSING STOOL AND TABLE</td>
<td>41</td>
</tr>
<tr>
<td>LIGHTING SUPPORTS</td>
<td>42-43</td>
</tr>
<tr>
<td>MASTER-RAIL® SUSPENSION SYSTEMS</td>
<td>44-46</td>
</tr>
</tbody>
</table>

AfterDark photo taken with Photogenic lighting – Courtesy of Dan and Alex McClanahan
Go Anywhere!

Eliminate your large noisy gas generators and old fashioned humongous inverters. The all new Photogenic ION lithium-ion battery powered pure sine wave inverter takes your studio flash units on location the easy way. The ION is a powerful, lightweight, AC power supply that features two AC outlets for two monolights. Weighing in at only 3.5 pounds with a compact 7.5” x 4.4” x 3.3” profile, ION is the perfect lighting travel companion. Pack the ION and a couple of extra batteries with your lights and head out to your next shoot. It doesn’t matter if your destination is the top of Mount Everest, the middle of the Kalahari or your sister in-law’s wedding, this powerful combination will give you over 3,500 flashes (about 1200 per battery) at an amazing 320 watt-seconds. While on your way to the next job, use ION’s built-in USB port to power-up your phone or other electronic devices. Charge time to 100% for the lithium-ion battery is 3-4 hours. A glance at the LED battery meter on ION’s control panel verifies the battery power level.

ION comes complete with inverter, lithium-ion battery, multi-clamp, charger and carry strap. An optional case, spare batteries and chargers are also available.

Visit your Photogenic® dealer today to see the ION pure sine wave inverter.

ION Specifications

<table>
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<th>Dimensions</th>
<th>7.5” x 4.4” x 3.3” (6.6” x 4.4” x 1.8” battery only)</th>
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ION Features

- 120V pure sine wave inverter
- Replaceable 8.8Ah lithium-ion battery
- Dual 3-prong outlets
- LED battery level indicators
- .5A USB charging port
- Lightweight
- Portable
- Affordable

ION (956055) ION Inverter Kit

- 1-INV2120 (956057) ION Inverter Module
- 1-BAT2188 (956059) ION 14.8V 8.8Ah Battery
- 1-PMC2162 (905215) ION Multi-Clamp
- 1-STP2135 (956061) ION Strap
- 1-CHG2168 (956063) ION Charger
PORTABLE POWER FOR STUDIO LIGHTS

ION Lithium-ion Powered, Pure Sine Wave Inverter

ION Inverter Module

INV2120 (956057)
The Pure Sine Wave Inverter is created from durable reinforced composite material and is the electronic control of the system.

ION Battery

BAT2188 (956059)
The 14.8V 8.8Ah Lithium-ion battery was designed for optimum performance with the ION inverter.

ION Charger

CHG2168 (956063)
The charger is a user friendly “plug-in and forget” charger with integrated regulator. To make it even easier, Photogenic® has equipped the charger with a red light (charging) and a green light (fully charged) LED indicator.

ION Multi-Clamp

PMC2162 (905215)
The jaws of the ION Multi-Clamp will accommodate from 0” - 1.25”. This allows the Photogenic® ION to attach to a wide range of stands. The ION Multi-Clamp is made of durable aluminum.

ION Strap

STP2135 (956061)
The Photogenic® neoprene strap is designed for comfort and function. The ION strap has detachable buckles that allow the strap to become a short carry handle or shoulder strap.

OPTIONAL ACCESSORY

ION Case

CAS2134 (956065)
The perfect companion to the Photogenic® ION is the quality crafted form fitting ION case. The case is made from heavy duty Cordura Nylon. The ION case can hold (1) complete ION Inverter Kit and (2) additional batteries. This is a must-have for staying organized and keeping your products safe, clean and readily available.
PORTABLE POWER FOR STUDIO LIGHTS
ION Lithium-ion Powered, Pure Sine Wave Inverter

ION Kit Options

ISB2182 (956062) ION Inverter w/ Spare Battery Kit
- 1-ION (956055) ION Inverter Kit
- 1-BAT2188 (956059) ION Spare Battery

ISB2183 (956064) ION Inverter w/ Spare Battery & Case Kit
- 1-ION (956055) ION Inverter Kit
- 1-BAT2188 (956059) ION Spare Battery
- 1-CAS2134 (956065) ION Case

AKC57BK (900142) ION Inverter w/ AKC320 & Umbrella Kit
- 1-ION (956055) ION Inverter Kit
- 1-AKC320 (906910) 320WS Monolight
- 1-TALS8 (922048) 8’ Light Stand
- 1-EC45BC (909201) 45” Eclipse Umbrella

PL1257BK (900062) ION Inverter w/ PL1250DRC & Umbrella Kit
- 1-ION (956055) ION Inverter Kit
- 1-PL1250DRC (915871) 500WS Monolight
- 1-TAHS8 (922140) 8’ Light Stand
- 1-EC45BC (909201) 45” Eclipse Umbrella
PORTABLE POWER FOR STUDIO LIGHTS

ION Lithium-ion Powered, Pure Sine Wave Inverter

AKC54BK (900144) ION Inverter w/ AKC320 & Softbox Kit
- 1-ION (956055) ION Inverter Kit
- 1-AKC320 (906910) 320WS Monolight
- 1-TALS8 (922048) 8’ Light Stand
- 1-AK24 (926378) 24” Softbox

PL1252BK (900064) ION Inverter w/ PL1250DRC & Softbox Kit
- 1-ION (956055) ION Inverter Kit
- 1-PL1250DRC (915871) 500WS Monolight
- 1-TAH58 (922140) 8’ Light Stand
- 1-SB22 (959102) 22” Softbox
Leading edge technologies — Constant Color Temperatures and Consistent Power Output at all power settings.

Constant Color Temperatures — Advanced Technologies
The technologically advanced Constant Color SOLAIR™ series incorporates superior monolight operations to the long list of standard PowerLight® features. These lights are ideal for both digital and transparency/film capture systems. The color temperature shifts caused by multiple lights with varying flash power settings within your studio are now minimized with SOLAIR™. SOLAIR™ lights provide temperature exposures with virtually even distribution of Kelvin measured color temperatures. These units are controlled for constant Kelvin color temperatures within 14º per stop over an amazing 8 f-stop range of power settings. The SOLAIR™ line includes the PL500DRC with 500 watt-seconds and the powerful PL1000DRC at 1000 watt-seconds.

Consistent Watt-Seconds over an 8 f-stop Range
The PL500DRC and PL1000DRC offer digital displays for both flash and modeling power settings over a full 8 f-stop range, from 4 watt-seconds to 500 watt-seconds and 8 watt-seconds to 1000 watt-seconds, respectively. All SOLAIR™ models adjust flash power and modeling intensity settings in either 1/10 or 1/2 f-stop increments and display the settings on the built-in LED display. Optional infrared wireless remote control systems are available. (See wireless accessories on page 28 & 29.)

Operational Safety
The SOLAIR™ models incorporate a thermal cool down cycle to prevent overload heat damage to your equipment. This prevents permanent electronic circuit damage if the units become overheated. This is in addition to the standard fused surge overload protection. SOLAIR™ models also display diagnostic codes identifying function issues.

SOLAIR™ PowerLight® Standard Features
In addition to the above features for precise color control and repeatability, all SOLAIR™ PowerLight® models are remote capable. The lights are voltage stabilized, have built-in photo slaves, misfire indication, synchronization jack and test flash. The extruded aluminum housing provides durability and less weight. They are equipped with a heavy-duty ratchet handle, 5/8” stand bracket with adapters for 1/2” and 3/8” tops, Quick-Change™ accessory system, umbrella and handle brackets.

SOLAIR™ Programmable Auto Bracketing
This is a feature for SOLAIR™ PowerLights®. Two additional flash power output levels can be pre-programmed and thus provide up to three different exposure settings fired in sequence. These two auto brackets are user programmed settings and can be set from 1/10 up to 1 1/2 f-stops above and/or below the primary power settings.

Wireless Triggering
All PowerLight® “DR” and SOLAIR™ Constant Color Models are now available with 32 channel radio technology that wirelessly trigger your strobes up to a distance of 1600 feet. You can use multiple lights in the studio and on-location and never worry about your lights being triggered by another photographer’s flash. No more unreliable sync cords. No more broken or lost antennas. The antenna is built into the light. Improve your digital images immediately by eliminating sync cord line noise. Position your lights anywhere, not just where the sync cord reaches. It’s easy. Just set the radio PowerLight® to one of 32 channels on the PocketWizard® transmitter, and you are ready for wireless triggering. The big advantage is the built-in radio receiver never needs batteries. The Plus Receivers from PocketWizard® are fully compatible with all other PocketWizard® transmitters. This includes the transmitters that are built into Kodak®, Nikon®, Mamiya® Cameras and Sekonic® Meters, as well as Standard Plus and MultiMax Units.
PHOTOGENIC® MONOLIGHTS

SOLAIR™ BUILT-IN FEATURES
- Constant color
- Consistent power output
- 8 f-stop flash power range
- Adjustments in 1/2 or 1/10 f-stop
- Digital flash power display
- Digital modeling power display
- Proportional modeling setting
- 250-watt quartz modeling lamp
- Auto bracketing setting
- Audible-ready announcement
- Ready light
- Misfire audible announcement
- Photo cell/slave
- Synchronization jack
- Test-Fire button
- Voltage stabilized
- Circuit overload protection
- Internal thermal protection
- Self-diagnostic display
- Extruded aluminum housing
- Auto discharge function
- Quick-Change™ accessory system

SOLAIR™ OPTIONAL FEATURES
- PocketWizard® 32-channel radio triggering
- Wireless hand-held remote control
- Computer controlled remote operation (PC compatible)
- cUL-tested flash tube options of daylight corrected or clear
- PowerLight® models can be ordered with a top-mounted adapter for ceiling or boom applications

SOLAIR™ SERIES POWERLIGHT®
- Designed for improved digital capture technologies and improved Film Systems.
- Constant Color technologies combined with consistent power output and the controlled precision of a microprocessor.

The Solair™ monolights are engineered to regulate Kelvin light output, improve light control, and provide repeatability. Plus, we have added the top line features of auto bracketing, audible misfire alarms, and eight f-stops of power control. This combination of highly desired professional features makes the Solair™ monolight the best solution for all your photographic lighting requirements.

PL500DRC (918336) 500 WATT-SECONDS (SHOWN)
PLR500DRC (958491) 500 WATT-SECONDS WITH POCKETWIZARD®

ALSO AVAILABLE:
- PL1000DRC (915639) 1000 WATT-SECONDS
- PLR1000DRC (958438) 1000 WATT-SECONDS WITH POCKETWIZARD®

PHOTOGENIC® MONOLIGHTS

SOLAIR™ CONSTANT COLOR POWERLIGHT® KITS

MADE in USA
Digital Display for Solair™ Flash Power and Modeling

4-Light Simone Kit

Shoot like the world-renowned Simones with this four-light kit designed by Joseph and Louise Simone.

- 4-PL500DRC Solair™ Lights
- 3-TAH51D Heavy-Duty air-cushioned stands
- 1-TLU3K background light stand
- 1-SB24X32 Soft Box 24" x 32"
- 1-SB12X36 Soft Box 12" x 36"
- 1-PL16R 16" reflector
- 1-PL16BD 2-way side panel barndoors
- 1-PL16D diffuser
- 1-PL3R background reflector

PL600K SIMONE KIT (958321) 2000 WATT-SECONDS
Solair™ monolights are the newest generation in photographic lighting technologies. The Solair™ monolights are engineered to regulate Kelvin light output, improve light control, and provide repeatability. Plus, we have added the top line features of auto bracketing, audible misfire alarms, and eight f-stops of power control. This combination of highly desired professional features makes the Solair™ monolight the best solution for all your photographic lighting requirements.

### SOLAIR™ CONSTANT COLOR KITS

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PHOTGENIC® MONOLIGHTS

POWERLIGHT® PL2

PL2500DR, PL1250DR, and PL625DR digital display and control panel

PowerLight® digital remote "DR" models are microprocessor controlled for consistency, repeatability and precision. The touch of a button adjustments in either 1/10 or 1/2 f-stops are easy, precise and are displayed for confirmation. Remote power control is an option either from your computer or from a hand held infrared controller.

PL1250 control panel

PowerLight™ PL1250 has discrete 1/10 f-stop from full to 1/32 power. The PL1250 is also microprocessor controlled for consistency, repeatability and precision. The touch of a button changes the modeling functions to full On/Off, proportional or manual adjust.

POWERLIGHT® BUILT-IN FEATURES

- Consistent power output
- 6 f-stop flash power range
- Adjustments in 1/2 or 1/10 f-stop
- Digital flash power display (except PL1250C)
- Digital modeling power display (except PL1250C)
- Proportional modeling setting
- 250-watt quartz modeling lamp
- Photo cell/slave
- Ready light
- Synchronization jack
- Test-Fire button
- Voltage stabilized
- Circuit overload protection
- Internal thermal protection
- Extruded aluminum housing
- Auto discharge function
- Quick-Change™ accessory system
PHOTOGENIC® MONOLIGHTS

The PowerLight® PL2 series incorporates the most advanced electronic components providing you with superior lighting control, UV corrected flash tubes, repeatability and optional wireless function controls. The four models are constructed to fulfill the demanding operational needs of the professional photographer. The DR models offer digital displays for flash power or modeling power and precision adjustments in 1/10 or 1/2 f-stop increments. All four models incorporate proportional or manual options for the 250-watt quartz modeling lamps.

“Top Mount” now available on PowerLight®

Extend the life of ceiling mounted units. Monolights are designed to function longer if the flash capacitors are allowed to cool by venting properly. Inverting the light from a ceiling system will also invert the flash caps preventing heat from escaping and shortening the normal life of the flash caps. Photogenic® has a TOP MOUNT option to keep PowerLights® operating longer. Ask your dealer about ordering them for your studio. Simply add the suffix “T” to the PowerLight® model number. As an example, PL1250DRC becomes PL1250DRCT.

SEE DETAILED LISTINGS OF MODEL SPECIFICATIONS ON PAGE 20.
2-light kits

PL2115K (900035)

4-light kits

PL2515K (900060)
### POWERLIGHT® 2-LIGHT AND 4-LIGHT KITS

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<tr>
<td>8' Heavy-Duty Air-Cushioned Stand</td>
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<tr>
<td>Soft Case w/ Wheels</td>
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</table>
PHOTOGENIC® MONOLIGHTS
STUDIO MAX® III CONSTANT COLOR MONOLIGHTS

StudioMax® III is a lightweight microprocessor controlled monolight for studio or location work. The seven models offer a wide range of standard features that include discrete continuously variable power adjustments over a full 6 f-stop range. StudioMax® III accepts all the Photogenic® Quick-Change™ light shaping accessories. These accessory options include barndoors, grids, snoots, scrims, diffusers, soft boxes and umbrellas. These lights are easy to carry for location work, weighing from 2.4 pounds to 3 pounds, so make them your travel lights or hair and accent lights in the studio.

Built-in Radio Triggering available for StudioMax® III
Optional built-in radio triggering is now available for StudioMax® III AC and AC/DC monolights. The four channel RTR receiver is built into the monolight and is triggered by the RTT radio transmitter (sold separately). The wireless triggering range is 150 feet. The antenna is inside the flash unit to prevent breakage. (See page 17 for more details.)

StudioMax® III Control Panel

A detailed listing of specifications is available on page 16.

STUDIO MAX® III BUILT-IN FEATURES
- Constant color
- 6 f-stop flash power range
- Discrete f-stop adjustments
- 100-watt quartz modeling lamp
- UV corrected flashtube
- Ready light
- Photo cell/slave
- Synchronization jack
- Test fire button
- Circuit overload protection
- High-impact housing
- Auto discharge function
- Accepts Quick-Change™ accessories
PHOTOGENIC® MONOLIGHTS

PHOTOGENIC® AKC160B (906852) - AC/DC 160 WATT-SECONDS

PHOTOGENIC® AKC320B (906939) AND AKC320BR (906944) - AC/DC RADI0 320 WATT-SECONDS

Battery Powered StudioMax® III

Battery Powered StudioMax® III model “B” units are the answer for photographers on-the-go and eliminates the need for all those extension cords. Lightweight units are available in 160 watt-seconds or 320 watt-seconds. These two models can be powered by Photogenic®’s AKB-1 battery or by select models from other manufacturers (battery not included). A fully charged battery pack will usually provide 200 flashes for model AKC160B and 150 flashes for model AKC320B, at full power. When the lights are DC powered, the modeling circuit is disabled conserving all your battery energy for flash. These versatile “B” models also operate on standard 110 volt power.

Radio Triggering Control for StudioMax® III

This 4-channel system is designed for use with both portable off-camera flashes and studio strobes that have mini-plug or 1/4” microphone plug sync outlets. This unique accessory gives you reliable radio technology to trigger strobes up to a distance of 150 feet without sync cords or optical slaves. Improve your digital images by eliminating sync cord line noise.

Includes:

- 1-Hot Shoe Radio Transmitter
- 1-Radio Receiver with 1/4” phono plug and hook & loop strap
- 1-Mini-phono Plug Sync Adapter for Receiver
- 1-PC to Mini-phono Plug Adapter for Cameras with a PC Connector
- 1-Transmitter Battery
- 2-AA Receiver Batteries
- 1-Transmitter Battery
- 2-AA Receiver Batteries

Battery Power for StudioMax® III AKC160B, AKC320B and AKC320BR

The Photogenic® AKB-1 battery is designed for years of power for your “B” model StudioMax® lights. The 12 volt, 2300mA lead acid battery will provide enough full-charge energy for over 200 flashes for the AKC160B and over 150 flashes for the AKC320B units. The battery is supplied with a protective padded case, case strap and clip, charge adapter and light cable.
# PHOTOGENIC® MONOLIGHTS

## STUDIO MAX® III CONSTANT COLOR LIGHT KITS

### PORTABLE DIGITAL LIGHTING KITS

<table>
<thead>
<tr>
<th>Item</th>
<th>AKC50BK (900140)</th>
<th>AKC645K (900105)</th>
<th>AKC990BK (900130)</th>
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<tbody>
<tr>
<td>AKC160</td>
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<td>□</td>
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<tr>
<td>AKC320</td>
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<td>AKC320R</td>
<td>□</td>
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<tr>
<td>AKC320B</td>
<td>□</td>
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<tr>
<td>AKC320BR</td>
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<tr>
<td>UV Flash Tube</td>
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<td>□</td>
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<tr>
<td>Modeling Lamp</td>
<td>□</td>
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<tr>
<td>7.5&quot; High Gain Reflector</td>
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<td>□</td>
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<tr>
<td>Background Reflector</td>
<td>□</td>
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<tr>
<td>Flash Tube Protector</td>
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<tr>
<td>AC Power Cord</td>
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<tr>
<td>Flash Sync Cord</td>
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<tr>
<td>24&quot; x 32&quot; Soft Box</td>
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<tr>
<td>45&quot; Eclipse Umbrella</td>
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<tr>
<td>8’ Air-Cushioned Light Stand</td>
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<tr>
<td>3’ Air-Cushioned Light Stand</td>
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<tr>
<td>AKB-1 Battery Pack</td>
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<td>□</td>
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<tr>
<td>Battery Pack Stand Adapter</td>
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<tr>
<td>Soft Case w/ Wheels</td>
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<tr>
<td>RTT - Transmitter</td>
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</tbody>
</table>

### 1-light kits
- AKC50BK (900140)

### 2-light kits
- AKC645K (900105)

### 3-light kits
- AKC990BK (900130)
StudioMax® III Travel Kits

AKC25K (956145) Traveling Hair-Light Kit
- 1-AKC320 monolights (AC)
- 1-UV corrected flash tubes
- 1-100-watt quartz modeling lamps
- 1-PL7R High-gain 7 ½ inch reflectors
- 1-Sync cords
- 1-AK1236 12"x36" soft box
- 1-8’ TAHS8 Heavy-duty air-cushioned light stands
- 1-7500BA Boom arm with swivel
- 1-AK3419W Soft case with wheels

AKC45K (956192) Soft Box Kit
- 1-AKC320 monolights (AC)
- 1-UV corrected flash tubes
- 1-100-watt quartz modeling lamps
- 1-PL7R High-gain 7 ½ inch reflectors
- 1-Sync cords
- 1-AK36 36"x36" soft box
- 1-8’ TAHS8 Heavy-duty air-cushioned light stands
- 1-AK3419W Soft case with wheels

AKC55K (956227) Soft Box Portrait Kit
- 2-AKC320 monolights (AC)
- 2-UV corrected flash tubes
- 2-100-watt quartz modeling lamps
- 2-PL7R High-gain 7 ½ inch reflectors
- 2-Sync cords
- 1-AK36 36"x36" soft box
- 1-AK1236 12"x36" soft box
- 2-8’ TAHS8 Heavy-duty air-cushioned light stands
- 1-7500BA Boom arm with swivel
- 1-AK3419W Soft case with wheels

StudioMax® III Product Photography Kits

AKC50WK (956207) 2-STROBE LIGHT WEB KIT
- 2-AKC160 Monolights
- 1-TST24 24” translucent shooting table by Smith-Victor
- 2-Light Arms with Clamps

AKC60WK (956236) 3-STROBE LIGHT WEB KIT
- 3-AKC160 Monolights
- 1-TST24 24” translucent shooting table by Smith-Victor
- 1-ST floor stand
- 1-TALS3 Under-Table light stand
- 2-Light Arms with Clamps
## MONOLIGHT SPECIFICATIONS

<table>
<thead>
<tr>
<th>SOLAIR™, POWERLIGHTS®, AND STUDIOMAX® III</th>
<th>MONOLIGHT SPECIFICATIONS</th>
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<tbody>
<tr>
<td><strong>Flash Power (Ws/joules)</strong></td>
<td>Solair™  PL1000DRC</td>
</tr>
<tr>
<td></td>
<td>Solair™  PL500DRC</td>
</tr>
<tr>
<td><strong>Flash Duration (1.5)</strong></td>
<td>Solair™  PL1000DRC</td>
</tr>
<tr>
<td></td>
<td>Solair™  PL500DRC</td>
</tr>
<tr>
<td><strong>Reciprocity</strong></td>
<td>Exellent, no filters required</td>
</tr>
<tr>
<td><strong>Recycling Time</strong></td>
<td>0.8 to 3.0 sec. at full power</td>
</tr>
<tr>
<td><strong>Power Control</strong></td>
<td>Full to 1/128 over 8 f-stops</td>
</tr>
<tr>
<td><strong>Constant Color Stability</strong></td>
<td>&lt;=14° at each of 8 f-stops (average)</td>
</tr>
<tr>
<td><strong>Modeling Power</strong></td>
<td>250-watt quartz ESS</td>
</tr>
<tr>
<td><strong>Modeling Control</strong></td>
<td>1/32 to Full in 1/10 increments</td>
</tr>
<tr>
<td><strong>Main Supply</strong></td>
<td>105 to 125 VAC. 60 Hz. 5 amp. (Line Voltage Regulated)</td>
</tr>
<tr>
<td><strong>Consumption</strong></td>
<td>0.2 amps idling, 15 amps charging</td>
</tr>
<tr>
<td><strong>Voltage Stabilization</strong></td>
<td>± 0.05 f-stop</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>7 lbs.</td>
</tr>
<tr>
<td><strong>Case Dimensions</strong></td>
<td>4.5&quot; x 4.5&quot; x 8.75&quot;</td>
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<tr>
<td><strong>Audible Alarms</strong></td>
<td>Misfire and Ready</td>
</tr>
<tr>
<td><strong>Auto Bracket</strong></td>
<td>+/- 1/10 f-stop to 1 1/2 stop max.</td>
</tr>
<tr>
<td><strong>Overload Protection</strong></td>
<td>Fuse and Internal Cool-down</td>
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</table>

*Guide Number calculation is based on the specified monolight at 10 ft. with an ISO 100, using the PL7R 35º reflector (PL7R is included with Photogenic monolights).
PHOTGENIC® QUICK-CHANGE™ ACCESSORIES

For use on all Solair™, PowerLight®, StudioMax® II, DigiLight® CL Series, and FlashMaster® Advantage Heads

The unique Photogenic® speed ring mounting for Photogenic® lighting products makes changing light shaping tools quick and easy. These accessories are metal with an anodized or black powder coated finish. The structural integrity and durability of these products means years of precision use.

A. PL24R (917234) Glamour Reflector–24”
Satin-anodized reflector and deflector for indirect flood, soft illumination and controllable source lighting. 145° coverage.

PL24RW (917311) Glamour Reflector–24”
Reflector with matte white interior and deflector. 145° coverage.

B. PL22RW (917222) Glamour Reflector–22”
Gloss white interior reflector. Popular shape with shoot-thru diffuser and gel holder.

C. PL18R (916828) Glamour Reflector–18”
Satin-anodized reflector and deflector for soft illumination and directional source lighting. 100° coverage.

PL18RW (916857) Glamour Reflector–18”
Reflector with matte white interior and deflector. 100° coverage.

D. PL16R (916741) Portrait Reflector–16”
The portrait industry standard, this modified parabolic satin-anodized portrait reflector is ideal for feathering effects, and offers greater control for floodlighting large groups. 60° coverage.

E. PL5R (918626) Deep Conical Background Reflector
Convenient for illuminating and introducing background effects. Satin-anodized surface with 20° coverage.

F. PL5R-FRES (918636) Deep Conical Background Reflector
PL5R reflector with fresnel glass and barn doors. Convenient for illuminating and introducing background effects. Satin anodized surface with 20° coverage.

G. PL3R (917901) Shallow Background Reflector
Satin-anodized for softer lighting with easy rotation to provide desired high-key and back lighting. 150° coverage.

H. PL3RV (917930) Veil Effects Background Reflector
The 3” x 1” slot provides a small amount of light spill behind subjects. It lights the background and at the same time, provides a rim light around the subject. 150° coverage.

I. PL7R (918945) High-Gain Reflector
The standard 7 1/2” pebbled, highly reflective coating for most photographic applications. 35° coverage.

J. LS24 (918778) 24” Glamour Reflector Diffuser (not pictured)
Diffusion sock for the PL24R & PL24RW Glamour Reflectors.

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PHOTOGENIC® QUICK-CHANGE™ ACCESSORIES

For use on all Solair™, PowerLight®, StudioMax® III, DigiLight® CL Series, and FlashMaster® Advantage Heads

The unique Photogenic® speed ring mounting for Photogenic® lighting products makes changing light shaping tools quick and easy. These accessories are metal with an anodized or black powder coated finish. The structural integrity and durability of these products means years of precision use.

A. PL7BDK (918742) Barndoor Kit
   Use with PL7R reflector. Includes: 4 panel barndoor (PL7BD), mounting frame (PL7MF), and diffuser (PL7D).

B. PL7SNK (919090) Snoot Kit
   Use with PL7R reflector. Includes: mounting frame (PL7MF), 3" metal snoot (PL7SN3), 5" metal snoot (PL7SN5), and diffuser (PL7D).

C. PL7GK (918887) Grid Kit
   Includes: mounting frame (PL7MF), diffuser (PL7D), coarse honeycomb grid with metal frame (PL7GC), and fine honeycomb grid with metal frame (PL7GF).

D. PL7GF (918858) Fine Grid
   10° fine honeycomb grid with metal frame. Used with PL7MF frame and PL7R reflector.

E. PL7GC (918800) Coarse Grid
   20° coarse honeycomb grid with metal frame. Used with PL7MF frame and PL7R reflector.

F. PL7-1/2-15 (918890) Snap-on Grid
   15° honeycomb grid with metal frame. Used with 7" PL7R reflector. No frame required.

G. PL7-1/2-30 (918891) Snap-on Grid
   30° honeycomb grid with metal frame. Used with 7" PL7R reflector. No frame required.

H. PL7-1/2-40 (918892) Snap-on Grid
   40° honeycomb grid with metal frame. Used with 7" PL7R reflector. No frame required.
PHOTOGENIC® QUICK-CHANGE™ ACCESSORIES

For use on all Solair™, PowerLight®, StudioMax® III, DigiLight® CL Series, and FlashMaster® Advantage Heads

All Photogenic® Barndoors are constructed of lightweight high-tensile aluminum alloy metals. Each clip-on hinge can be tightened in place or lightly secured for easy adjustments. The reflectors for the barndoors will rotate creating angled adjustments for varying light patterns.

A. PL7BD (918713) Barndoor Set
All metal, four panel barndoor with photographic black powder coated finish. Rotates within PL7MF frame for easy light shaping. For PL7R reflector.

B. PL16BDK (916683) Four Panel Barndoor Set
Four individual clip-on hinge panels with a non-reflective black powder coated finish. The rectangular sides and trapezoid top/bottom provide extreme flexibility for shaping light. Fits the 16” reflector.

C. PL16BD (916654) Two Panel Barndoor Set
Set of two rectangular clip-on hinge panels with a non-reflective black powder coated finish. Fits the 16” reflector.

D. PL16B (916625) Two Panel Barndoor Set
Set of two trapezoid shaped clip-on hinge panels with a non-reflective black powder coated finish. Fits the 16” reflector.
PHOTOGENIC® QUICK-CHANGE™ ACCESSORIES

For use on all Solair™, PowerLight®, StudioMax® III, DigiLight® CL Series, and FlashMaster® Advantage Heads

A. PL7D (918771) Diffuser–7"
Photographic black powder coated metal frame with spun diffusion glass for a softer light source, used with PL7MF. Will eliminate approximately one f-stop.
PL16D (918712) For the 16" reflector.

B. PL7SN3 (919032) Snoot–3" barrel
Used with PL7MF for hair, accent and directional lighting.

C. PL7SN5 (919061) Snoot–5" barrel
Used with PL7MF for directional and effects lighting.

D. PL7MF (918916) Accessory Frame
The mounting frame for many of the 7" accessories and allow quick changes. Frame provides a light-baffling air flow which reduces heat from lamps.

E. PL7SK (919003) Scrim/Gel Holder Kit
Photographic black powder coated metal rings and clip to hold scrim screen or gels. Contains 12 rings and 72 clips to make 6 sets.

F. PL7S (918974) Scrim/Gel Holder Kit
Photographic black powder coated metal rings and clips to hold scrim screen or gels. Contains 2 rings and 12 clips to make 1 set.
A. PLCW (919148)
The counter weight accessory helps maintain a centered weight balance on your stand when using larger reflectors or soft boxes. Attaches to the underside of PowerLight® bracket.

B. PLFTP (937322)
The flash tube protector covers and protects the flash tube when packing and transporting the light. Fits on any Photogenic® Quick-Change™ Mounting System.

e. Ratchet Knob (931400)
Ratchet Handle Replacement.

f. Stand Adapter (914929)
Sleeve Kit
Knob
Set Screw
3/8” to 5/8” and 1/2” to 5/8” plastic sleeves

G. PLLC (937467)
AC Power cord for PowerLights®, StudioMax®, PhotoMaster® and FlashMaster®.

H. PGBC (914160)
Battery-to-light cable for StudioMax® AC/DC Lights.

i. PLTC (919670)
15’ Sync/Trip Cable for Photogenic® lighting equipment with a standard 1/4” connector.

J. PLTCF (916684) Sync/Trip Cable
20’ PowerLight® trip cord to female household connector.

K. PG4000PC (913116)
10’ Sync/Trip Cable for StudioMax® II & III lighting equipment with a 1/8” connector.

c. PL06-SA (915552) Replacement Kit
Complete stand and umbrella kit for Powerlights.

d. PL06-SAL (915581)
Ratchet Assembly Replacement for Powerlights.
**PHOTGENIC® FLASH TUBES AND LAMPS**

### Flashtubes

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>B. C4-19 (907809) Clear • C4-19C (907838) UV Corrected</td>
<td>Replacements flash tubes for models PL1000DR, PA8, PL2500LH, PL2500DR</td>
</tr>
<tr>
<td>C. H4-9 (911057) Clear • H4-9UV (911115) UV Corrected</td>
<td>Replacements flash tubes for PowerLight® models PL375 and PL750</td>
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<tr>
<td>D. C4-12C (922457)</td>
<td>UV corrected replacement flash tube for StudioMax® II and StudioMax® III models AKC160, AKC160R, AKC160BR, AKC160B, AKC320, AKC320R, AKC320B, AKC320BR</td>
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<tr>
<td>E. F56 (910245)</td>
<td>Linear fluorescent tube replacement for CF2, CF4 and CF8.</td>
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### Modeling Lamps (not shown)

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ESS (910187)</td>
<td>250-watt Quartz standard model lamp for PowerLights® PL625DR, PL1000DR, PL500DR, PL300DR, PL1250DR, PL2500DR, PL1250, PL1500, PL1875</td>
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<tr>
<td>1295 (900559)</td>
<td>37-watt 12V replacement lamp for FlashMaster® 8050MA, AA11, AA12, AA13, AD19, FM2AU.</td>
</tr>
<tr>
<td>25T8DC (901255)</td>
<td>25-watt 110V standard lamp for FlashMaster® special models only AA11, 8050MA-Q25 heads.</td>
</tr>
<tr>
<td>40S11N/1 (932284)</td>
<td>40-watt pyrex standard lamp for StudioMax® and PerforMax® Monolights.</td>
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</table>
PHOTOGENIC® FLASH TUBES AND LAMPS

A. C4-1Q (907925)
Quartz flash tube for PM10 and 8050 light heads.

B. C4-1 (907635)
Pyrex flash tube for PM10 and 8050 light heads. Maximum power 400Ws.

C. H4-1 (910854)
Replacement flash tube for FlashMaster® AA11, AA12, AA13, AD18, AD19 heads.

D. C4-4 (908012)
Replacement flash tube for PortaMaster® AKC30 head.

E. H9-1 (911144)
Replacement for StudioMaster™ AE10, AE14, AE10 heads.

Continuous Lamps

F. FEL (910303) 1000-watt
Two-pin Quartz 3200K for DigiLight® CL1200 models.

G. ECT (401986) 500-watt
Edison socket 3200K for DigiLight® CL500.

H. ECA (401985) 250-watt
Edison socket 3200K for DigiLight® CL500.

I. BCA (621890) 250-watt
Edison socket 4800K for DigiLight® CL500.

J. FEV (926747) Lamp 200-watt
3200°K quartz lamp for the CL150FS mini-spot.
Wireless Studio Control Systems

The rugged yet sophisticated technology incorporated within the Solair™ and PL2 series “DR” models of PowerLights® has created the ability to control the operational features of nine lights remotely from a computer, from a central control module or from a hand held device. As a professional photographer, control of the light is critical. The ability to control lighting from the camera location remotely, saves you precious time.

Wireless Studio Control Accessories for Solair™ and PL2 series “DR” models

A. PLIRC-2Kit (958394)
An economical way to control two “DR” units. Includes the PLIRC-1 hand held controller, two (2) PLDIR-2 receiver units and two (2) adjustable mounting arms. Infrared remote control feature allows changes to be transmitted to up to 9 light units with individual settings. This advanced wireless control and display accessory system works with Solair™ Constant-Color and PL2 series “DR” PowerLight® models.

B. PLDIR-2 Infrared Receiver (919235)
A wireless IR signal receiver and a digital display. Transmitted commands are communicated to the receiver at the light and adjustments are confirmed by changes in the digital display. This is an ideal accessory for lights placed on the ceiling, up on a tall stand and/or with a soft box. This allows you to change flash or modeling power without climbing a ladder. The infrared light control system saves you steps and provides unsurpassed control and repeatability options for your studio lighting. Includes the receiver and adjustable mounting arm.
Wireless Studio Control Accessories for Solair™ and PL2 series “DR” models

C. PLICB-2 Control Center (919409)
The convenience of one display location for infrared or wired communication and monitoring of one or up to nine separate “DR” PowerLights®. Ideal for rail system applications with wired connections to each light that you have dispersed throughout the studio, yet only one location for displays and communications.

D. PLIRC-2 Infrared Hand Held (919438)
This advanced wireless control system allows you to change your flash and modeling power settings of up to nine PowerLights® without leaving your camera location. The controller duplicates all the light controls except the main power on/off. This controller adds a standby feature that will put each or all models in a non-operational or sleep mode. The optional hand held controller operates up to nine separate PowerLights® that have been equipped with the optional infrared receiver. Includes the hand held controller and 9v battery.
FlashMaster® provides quality lighting for school and portrait photography.

The rugged construction provides durability whether you’re on the go or in your studio. The FlashMaster® power distribution system with up to four light capacity provides all the light you will need. A large assortment of Quick-Change™ accessories make light modification a snap for any situation. Includes plugs PP5 and PP8.

### AA06 Ratio Plugs

<table>
<thead>
<tr>
<th>Program Number</th>
<th>Output Power (W-S) at Full Power</th>
<th>Output Power (W-S) at Half Power</th>
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<tbody>
<tr>
<td>AA06-PP5 (903749)</td>
<td>05 150 150 150 150</td>
<td>75 75 75 75</td>
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<tr>
<td>AA06-PP6 (903778)</td>
<td>06 300 150 150</td>
<td>150 75 75 75</td>
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<td>AA06-PP8 (903836)</td>
<td>08 600</td>
<td>300</td>
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<tr>
<td>AA06-PP10 (903604)</td>
<td>10 150 150 75 75</td>
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<td>AA06-PP11 (924006)</td>
<td>11 300</td>
<td>75 75</td>
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### AA08 Ratio Plugs

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<th>Program Number</th>
<th>Output Power (W-S) at Full Power</th>
<th>Output Power (W-S) at Half Power</th>
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</thead>
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<tr>
<td>AA08-PP5 (904097)</td>
<td>05 200 200 200 200</td>
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<td>AA08-PP6 (904126)</td>
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<td>AA08-PP7 (904155)</td>
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<td>AA08-PP8 (904184)</td>
<td>08 800</td>
<td>400</td>
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</tbody>
</table>

### AA06B 600 WATT-SECOND AND AA08B 800 WATT-SECOND FEATURES

- 600 watt-seconds or 800 watt-seconds
- 5 head outlets (4 with low voltage, 12v/25 watt, and 1 with high voltage, 120V/150 watt)
- Full or 1/2 power setting
- Color balanced
- Consistent power output
- 3 sec. recycle at full
- Ratio plug system distribution
- Asymmetrical and symmetrical plug adjustment
- Ready light

- Photo cell/slave
- Synchronization jack
- Test Fire button
- Voltage stabilized
- Circuit overload protection
- Internal thermal protection
- Quick-Change™ accessory system on Advantage heads
- High impact metal housing
- Auto discharge function
- Audible misfire alarm
FlashMaster® Brand Light Heads for use with AA06B & AA08B packs

FM2A (910477) includes clear flashtube and 25-watt (1073) modeling lamp; fan-cooled.
- Top Mount available
- Accepts Quick-Change accessory system

AA12 (904300) includes H4-1 flashtube and 25-watt (1073) modeling lamp.
- Accepts Quick-Change™ accessory system

8050MA-Q25 (902212) 6” Lighting Unit
Uses 12volt modeling circuit with 25 watt modeling lamp. No handle.

Accessories for the 8050MA-Q25

8050E (902125)
Diffuser for 8050MA-Q25 heads.

8050B6 (902038)
Barndoor and Fresnel Lens for 8050MA-Q25 heads.

8050D (958050) Snoot Set
Set of 2 snoots for 8050MA-Q25 heads — 3” snoot 8050DL and 2” snoot 8050DS.
DIGILIGHT® CONTINUOUS LIGHTING

DigiLight® Photoflood

This durable aluminum housing is constructed with a heavy-duty Edison socket rated for up to 500-watts. Quiet Fan cooled, this model’s application is for all digital, conventional film and video systems. This light is equipped with 7” high gain reflector and the Quick-Change™ system allowing fast accessory changes with a large selection of light shaping products from Photogenic®. (Lamp not included.)

DIGILIGHT® CL500 BUILT-IN FEATURES

- Rated for up to 500-watts
- Cooled by 4” whisper quiet fan
- Rugged Aluminum Housing
- 7” High-gain reflector
- Ratchet stand mount
- Accepts Quick-Change™ accessory system

CL500 (909027) Photoflood

DIGILIGHT® PHOTOFLOOD KIT INCLUDES

- 2-CL500 Lights
- 2-ECT 500-watt 3200ºK Lamps
- 2-PL7R High Gain Reflectors
- 2-SB24X32 soft boxes 24” x 32”
- 2-TALS8 air-cushioned stands
- 1-AK3419 Case

CL500K (956791)
2-light, 1000-watt kit
DigiLight® Focusing Mini Spot Light

The Photogenic® model CL150FS Focusing Mini Spot offers flexibility and versatility in a lightweight package. This versatile mini spotlight can be focused from a small intense spot to a broad flood of smooth light especially good for highlighting portraits. The lightweight aluminum housing design is extremely efficient for venting and dissipating heat. The variable position yoke mount allows you to mount on any 3/8” stud, on a stand, on a ceiling rail or wall bracket. A three inch Fresnel Pyrex lens is mounted with an accessory ring that will hold diffusers, snoots, gels and barndoors. The lens ring can be easily removed for lamp replacement. The Mini Spot uses a 200-watt FEV bulb.

DIGILIGHT® MINI SPOT KIT INCLUDES

- 2-CL150FS Mini Spots
- 1-FEV 200-Watt Bulb
- 2-LS-A1 3/8” Stand Adapters
- 1-CL150BD Barndoor
- 1-CL150SNK Snoot Set
- 2-TALS8 Stands
- 1-AK3419W Soft Case

DIGILIGHT® MINI SPOT ACCESSORIES

- CL150BD (908824) Barndoors
- CL150SNK (908998) Snoot Set
- CL150SN1 (908940) 1” Snoot
- CL150SN2 (908969) 2” Snoot
**Horizon™ Fluorescent Constant Lighting**

The Horizon™ lighting models are a flicker-free 5600° Kelvin fluorescent lighting system that provides excellent balanced light for digital, conventional film or video applications. These units create very little heat which makes them ideal for close-in studio work.

**CF2 (956337)**
- 2-5600K, 110-watts (equal to 440-watts incandescent).

**CF4 (956353)**
- 4-5600K, 220-watts (equal to 880-watts).

**TA34-2**
- Stand NOT Included
- (See page 43)
The Chameleon™ 5-in-1 panels are a light weight, circular, spring-steel reflector system. The panels conveniently fold into a smaller disk approximately 1/3 its open size for easy storage and transportation. Each 5-in-1 includes a zippered carrying pouch. The Chameleon™ reflectors provide five functional surfaces. (Silver, Black, White, Gold and Translucent)

**Chameleon™ Reflectors**

- **CH22 (908563)**
  - 22" diameter 5-in-1 reflector and case.
- **CH32 (908592)**
  - 32" diameter 5-in-1 reflector and case.
- **CH42 (908621)**
  - 42" diameter 5-in-1 reflector and case.

**CH57 (926594)**

Chameleon™ Chroma-Key. 57" X 77" reversible green/blue non-reflective panels. Spring steel frame and bag.

**CH42K (956771) Chameleon™ Kit**

Chameleon™’s assistant 3 piece kit. Includes CH42 5-in-1 reflector, TAL5B stand, PG200SA stand adapter, and PGRMA-1 mounting arm with clips.

**PGRMA-1 (914915)**

Two section telescoping arm that extends from 17" to 45". For use with Chameleon™ reflectors.
PHOTOGENIC PROFESSIONAL LIGHTING

LIGHT MODIFIERS

ECLIPSE UMBRELLAS

Eclipse Umbrella

The patented Eclipse design is noted for the ability to eliminate the “ghost” image created by the exposed ribs of the traditional umbrella construction. The flat panel interior design is manufactured with either a reflective photographic white or a silver panel. Photogenic® has a custom weave and color specification for our fabric materials that provide a color-neutral reflection from our photographic white umbrellas and up to a full f-stop gain from the silver umbrellas. The Eclipse umbrellas are manufactured with a black removable cover to confine light. The black cover can be removed from the photographic white lining, allowing it to be used as a shoot-through translucent umbrella.

Photographic White Flat Panel
EC32BC (909143) 32”
EC45BC (909201) 45”
EC60BC (909317) 60”

Silver Flat Panel
EC32S (909172) 32”
EC45S (909288) 45”
EC60S (909375) 60”

Photogenic® umbrellas are constructed of custom photographic materials providing a color-neutral reflective lighting effect. The umbrellas are available in three styles: Photographic white with a removable black blocking cover that softens reflected light, silver with a black light-blocking cover that reflects more light and photographic white translucent for shoot-through lighting. The exposed rib construction provides an economical approach to umbrella lighting. The Photogenic® umbrellas are available in two sizes.

Translucent
U32 (923223) 32”
U45 (922251) 45”

Photographic White
UW32 (922396) 32”
UW45 (922425) 45”

Silver
US32 (922338) 32”
US45 (922367) 45”
OB42 (911898) Case
Designed especially for the traveling photographer, the OB42 case that is long enough to hold light stands and umbrellas up to 44 inches long. 15” x 44” x 5.5”

EC45K (926621) Umbrella Stand Kit
2- EC45BC Eclipse Umbrellas
2- UM4 Umbrella Mounts with Shoe Mount Adapter
2- TALS8 Air-Cushioned Stands
1- OB42 Case

UM4 (921456) Umbrella Stand Mount
This umbrella mount adjusts to any angle and mounts on stand tops 3/8” to 5/8”.

PHOTOGENIC® UMBRELLAS
PHOTOGENIC® SOFT BOXES

Photogenic® soft boxes are constructed with a durable black/silver laminated material and are complete with a handled travel bag. The new side zipper construction allows the spring tension rods to easily fit into the soft box and speed ring without the struggle of a traditional soft box design. The larger soft boxes have a heat release flap and a clip-on fit internal panel and front diffusion panel. The front panel is Velcro fitted allowing you to place the panel at the box edge or into the box 1 1/2 inches for improved light direction. There is no need to buy an additional Photogenic® mounting plate or speed ring, as they are included with all Photogenic® soft boxes.

A. SB48X72 (920975)
Rectangle 48” x 72” box with front and internal diffusion, speed ring, rods and case. Depth 24”.
Please specify which style of speed ring when ordering – Quick Change (BPP), Norman (BPN) or Speedotron (BPS).

B. SB36X48 (920946)
Rectangle 36” x 48” box with front and internal diffusion, speed ring, rods and case. Depth 17”.
Please specify which style of speed ring when ordering – Quick Change (BPP), Norman (BPN) or Speedotron (BPS).

C. SB24X32 (920888)
Rectangle 24” x 32” box with front and internal diffusion, speed ring, rods and case. Depth 14”.
Please specify which style of speed ring when ordering – Photogenic® (BPP), Norman (BPN) or Speedotron (BPS).

D. SB12X36 (958212)
Strip 12” x 36” box with front and internal diffusion, speed ring, rods and case. Depth 13”.
Please specify which style of speed ring when ordering – Quick Change (BPP), Norman (BPN) or Speedotron (BPS).

E. SB36 (920917)
Square 36” box with front and internal diffusion, speed ring, rods and case. Depth 20”.
Please specify which style of speed ring when ordering – Quick Change (BPP), Norman (BPN) or Speedotron (BPS).

F. SB22 (959102)
Square 22” box with front and internal diffusion panels, speed ring, rods and case with handles. Depth 14”.
Please specify which style of speed ring when ordering – Quick Change (BPP), Norman (BPN) or Speedotron (BPS).

G. OB48 (911927)
Octagonal 48” box with front and internal diffusion, speed ring, rods and case. Depth 19”.
Please specify which style of speed ring when ordering – Quick Change (BPP), Norman (BPN) or Speedotron (BPS).

H. BPP (907577)
Photogenic® replacement ring adapter for soft boxes.

PHOTOGENIC® GRIDS

I. GR1236 (921888)
Velcro grid for 12” x 36” soft box.

J. GR24 (921896)
Velcro grid for 24” soft box.

K. GR2432 (921891)
Velcro grid for 24” x 32” soft box.

L. GR36X48 (921892)
Velcro grid for 36” x 48” soft box.

M. GR48X72 (921894)
Velcro grid for 48” x 72” soft box.

N. GROB48 (921989)
Velcro grid for 48” octagonal soft box.
A. Light Balancing Pack (921464)
Six 12” x 12” blue gels to improve Kelvin balance to your continuous lighting by reducing the yellow cast. The Light Balancing Pack contains 3 each of “Half Blue” that adds approximately 400° and 3 each of “Full Blue” that adds approximately 2400° to your lighting.

B. Rainbow Effects Pack (921468)
Six 12” x 12” color accent gels for your backgrounds. These gels are manufactured with a deep-dye process for long life. The Rainbow Effects Pack contains 1 each of Red, Yellow, Blue, Green, Orange and Orchid gels.

c. Light Diffusion Pack (921497)
Six 12” x 12” diffusion gels to soften your light, decreasing contrast and decreasing shadowing effects. The Light Diffusion Pack contains 2 each of “light frost” and “medium silk” polyester gels and 2 each “heavy spun” polyester sheets.

d. BD80 (921450) Barndoors
Two-leaf barndoors with easy-to-use filter holder. Mounts onto PL7R reflectors.

e. FH-1 (921441) Filter Holder and Stand Bracket
Special color effects for any light. The bracket mounts on any 3/8” to 5/8” stand and adjusts horizontally, vertically and distance from the stand up to 12 inches. Holds 12 inch square gels, filters, scrims and gobos sold separately.

f. 8” Snappie (921453)
Easy-to-use filter holder for PL7R reflector. Use with 12” Filter Packs.

g. AK1236 (956157)
12” x 36” soft box with front and internal diffusion, speed ring, rods and case.

h. AK24 (926378)
Square 24” soft box with front and internal diffusion, speed ring, rods and case.

i. AK36 (956198)
Square 36” soft box with front and internal diffusion, speed ring, rods and case.

J. AK2432 (956288)
24” x 32” soft box with front and internal diffusion, speed ring, rods and case.
A/B. PL2500DCS (917379)
For 1000 watt-seconds units, Cordura® zipper soft case with die-cut foam for two PowerLights®. (18” x 29” x 6.5”)

PL1250DCS (915813)
For 500 watt-seconds units, Cordura® zipper soft case with die-cut foam for two PowerLights®. (18” x 29” x 6.5”)

C/D. PL2500SCS (917640)
For 1000 watt-seconds units, Cordura® zipper soft case with die-cut foam for one PowerLight®. (18” x 20” x 6”)

PL1250SCS (916161)
For 500 watt-seconds units, Cordura® zipper soft case with die-cut foam for one PowerLight®. (18” x 20” x 6”)

E. AK3419W (918039)
Padded nylon case with telescoping handle and built-in poly-carbon wheels, rigid sides, Velcro dividers and pockets for accessories. Designed to carry two Photogenic® PowerLights, 8’ light stands and umbrellas. (10” x 33” x 14”)

F. AA06C (903546)
Aluminum reinforced, heavy-duty case for AA06B and AA08B Packs. (8.5” x 10.5” x 11.75”)

G. PLO3CS (915318)
Soft, wheeled case with Velcro liner and dividers, internal and external pockets. Holds TAHS13 stands, lights, umbrellas and accessories. Locking straps and handles. (18” x 44” x 13”)

H. OB42 Omnibus (911898)
Cordura® Nylon case with polyurethane padding. Has internal Velcro straps and two large external pockets to hold stands, tripods and umbrellas up to 44 inches in length. Zipper closure. Designed especially for the traveling photographer. (15” x 44” x 5.5”)

PHOTOGENIC® CASES
A. **7826 (900675) “Tony” Posing Table**
Features heavy-duty construction. Includes; 18” x 27” wooden top covered with black felt, telescoping, chrome steel air cushion upright, cast steel base, set of glides and a set of casters. (25” to 48”)

B. **PG341B (912942) stool**
Features pneumatic height control, heavy-duty construction, 4 leg welded steel base, rotating steel top and glides. (Adjusts 20” to 25.5”)

C. **PG341Z (957409) set**
Kit includes: PG341B stool and PG-Z cushion.

D. **7826H (901806) table top**
18” x 27” wooden top covered with black felt.

E. **7505CB (901400)**
19” caster base and set of casters for 7826SU table upright.

F. **7826SP (901864) stool and table set**
Includes; PG341B stool, 7826 posing table, cast base Air-Cushioned upright, caster set and glide set.

G. **PG-Z (915349)**
Vinyl seat cover with foam pad and ties.
**LIGHTING SUPPORT**

**LIGHT STANDS**

**Air-Cushioned Light Stands**
Medium gauge aluminum air-cushioned stands with a brushed anodized finish and rubber feet. 5/8” mount adapter with 1/4 x 20 threaded top.

**Heavy-Duty Air-Cushioned Light Stands**
Heavy gauge aluminum air-chushioned stands with a non-reflective black anodized finish and rubber feet. 5/8” mount adapter with 1/4 x 20 threaded top.

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### Portable Stands

<table>
<thead>
<tr>
<th></th>
<th>TALS6 (922019)</th>
<th>TALS8 (922048)</th>
<th>TALS10 (921932)</th>
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<tbody>
<tr>
<td>Maximum Height</td>
<td>6’</td>
<td>8’</td>
<td>10’</td>
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<tr>
<td>Minimum Height</td>
<td>28”</td>
<td>29 3/4”</td>
<td>35 1/2”</td>
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<tr>
<td>Sections</td>
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<td>4</td>
<td>4</td>
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<tr>
<td>Footprint (base)</td>
<td>30”</td>
<td>31.5”</td>
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<tr>
<td>Folds to (inches)</td>
<td>25”</td>
<td>26”</td>
<td>33”</td>
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<tr>
<td>Top Adapter</td>
<td>5/8”</td>
<td>5/8”</td>
<td>5/8”</td>
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<tr>
<td>Weight</td>
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<td>2.3 lbs.</td>
<td>2.8 lbs.</td>
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### Heavy-Duty Stands

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<td>Sections</td>
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<td>4</td>
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<td>Footprint (base)</td>
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<td>Folds to (inches)</td>
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<td>Top Adapter</td>
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<td>5/8”</td>
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<tr>
<td>Weight</td>
<td>4 lbs.</td>
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### Low Profile/Background Stands

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<th>TLU3K (922106)</th>
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<td>3’</td>
<td>3’</td>
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<tr>
<td>Minimum Height</td>
<td>15”</td>
<td>12 1/2”</td>
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<tr>
<td>Sections</td>
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<td>3</td>
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<tr>
<td>Footprint (base)</td>
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<td>21”</td>
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<td>Folds to (inches)</td>
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<tr>
<td>Top Adapter</td>
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<td>5/8”</td>
</tr>
<tr>
<td>Weight</td>
<td>1.4 lbs.</td>
<td>2.8 lbs.</td>
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**A. TALS13C (921961)**
Set of 3 casters for TAHS13 stands.

**B. TS Caster Set (901272)**
Provide mobility to your light stands with this set of three 2” casters. Casters clamp securely onto light stands with 3/4” round legs including Photogenic TALS3, TALS6, TALS8 and TALS10.
Heavy-Duty Caster Base Stands for the Professional Studio

The 19” and 25” Photogenic® caster base light stands are constructed with chrome plated stainless steel uprights and solid cast metal caster bases. The larger footprints give you stability when fully extended. All Photogenic® air cushioned stands are crafted to provide years of trouble free service.

**Boom Arms**

7500BK (907500)
6 foot telescoping boom-arm kit (47” to 78”), 7500BA arm with swivel and TA4S13 heavy-duty stand.

7500BA (913242)
6 foot telescoping (47” to 78”) boom-arm with swivel and counterweight.

8051B (938051)
4 foot telescoping (24” to 47”) boom arm with counter weight and 7200TU swivel.

7200TU (901342)
Swivel for boom arm with 1/2” stand mount. Holds boom arm shaft diameters of 3/8”, 1/2”, and 5/8”. Accepts 2” height adapter.

**Mounting Accessories**

TA34-2 (959308)
8-foot upright with 25” caster base. Extends 38” to 96” with 5/8 top.

TA34MS-2 (959346)
8-foot upright with 19” caster base. Extends 38” to 96” with 5/8 top.

Caster Base
7505CB (901400)
19” caster base only.

7200TU (901342)
Swivel for boom arm with 1/2” stand mount. Holds boom arm shaft diameters of 3/8”, 1/2”, and 5/8”. Accepts 2” height adapter.

PLWB (919786)
Monolight Wall Bracket.

TA34A2A (921787)
5/8” for 1/2” shaft. (11/4” adapter height)

LS-A11 (911753)
3/4” pipe thread with 3/8” inch adapter. (1” adapter height)

AA66K (904851)
Converts 5/8” male to 3/8” male. (11/2” deep)

AA66AK (904822)
Converts 5/8” male to 1/2” male. (11/2” deep)

AC74C (905210)
Stand Clamp with ratchet handle.

PHOTOGENTIC.COM
Custom designing your Master-Rail® Studio System

Photogenic®’s Master-Rail® planners will gladly assist you with the layout and identification of the individual components required to construct the most efficient suspension system for your studio.

Please call us with your questions at 800-682-7668 or fax your studio dimensions to 630-830-2525.

Here’s How to Design Your Own System

The Master-Rail® System is designed to be used in studios with a minimum clear ceiling height of 11 feet.

Step 1. Decide the length and width of the area you wish to cover. You can cover your entire studio or just a portion of it. Maximum possible coverage is one foot less than the actual studio length and width.

Step 2. Choose The Fixed Rails:
Master-Rail® comes in standard lengths. Choose a length that will adequately cover the effective length of your studio. It is suggested that this length extend from the background wall to a point behind the camera when used at its furthest point back. Two (in some cases three) fixed rails are necessary for each installation. On one end the fixed rails must be at least one foot from the wall to allow for installing and removing traverse rails.

Step 3. Choose The Rail Supports:
Ordinarily use three supports to hang each fixed rail. For rails over 14 feet, place supports every 6 feet. For ceiling heights 13 feet and under, use one AD74 rail clamp and one AD73 channel for each support. For ceiling height over 13 feet use one AD71 rail clamp and one AD73 channel, and the proper length of AD75 threaded rod for each support. Cut the threaded rod so that the fixed rails hang 12 to 13 feet from the floor. For proper spacing between the fixed rails, consult a Master-Rail® planner.

Step 4. Choose the Traverse Rails:
One rail is needed for each light suspended. The background lighting unit will remain on the floor with the power supply mounted on the wall. Determine the width of area you wish to cover, and consult a Master-Rail® planner to get the length of traverse rail required and the spacing between fixed rails. To support each traverse rail, two double carriers are required (three on a three fixed rail system). Also order sufficient cable carriers for each traverse rail — one is required for every two feet of traverse rail.

Step 5. Choose the Light Lifts:
Light lifts are available in various capacities, terminating at the bottom in a 3/8-16 threaded hole. Select the light lift with a capacity greater than the weight of your lighting unit. Weight may be added to the lighting unit on the AD54 weight adapter.
MASTER-RAIL® SUSPENSION SYSTEM FOR THE PROFESSIONAL STUDIO

**Suspension Rails**

*Fixed & Traverse Rails (includes rail stops AD70s)*

- **AD70-08** (956104) Eight foot ceiling rail
- **AD70-10** (956112) Ten foot ceiling rail
- **AD70-12** (956123) Twelve foot ceiling rail

**Light Lifts**

- **AD31AH** (905054) Scissor light lift. Expands from two feet to eight feet and holds up to 18 lbs.
- **AD31A** (904986) Scissor light lift. Expands from two feet to eight feet and holds up to 10 lbs.

**Mounting Adapters**

- **AD91Y** (905924) Yoke only attaches to weight adapter AD54B. Use with AD84 to allow yoke to swivel. Includes safety cable.
- **AD91** (956073) Kit Adapter kit to mount lights with 3/8", 7/16" & 1/2" stand adapters to lift. Includes 1-AD91Y, 1-AD54WA, 1-AD54B, 1-AD84, and safety cable.
- **AD92Y** (905953) Yoke only attaches to weight adapter AD54B. Use with AD84 to allow yoke to swivel. Includes safety cable.
- **AD92** (956091) Kit Adapter kit to mount PowerLights® to lift. Includes 1-AD92Y, 1-AD54WA, 1-AD54B, 1-AD84, and safety cable.

**Accessories**

- **AD73** (905663) Two foot ceiling channel mount for fixed rails.
- **AD75** (905721) Six foot threaded rod used with dropped ceilings or ceilings over 13'.
- **AD71** (905634) Rail clamp, used to secure fixed rails to threaded rod AD75. For ceilings over 13'.
- **AD54WA** (905199) Auxiliary 1/2 lb. weight for use with AD54B. Use to counterbalance a heavier light on the AD31AH light lift.
- **AD84** (905866) Bearing assembly used between yoke and weight adapter allowing yoke to swivel. Allows for mounting other types of lighting equipment to AD54B weight adapter.

**Carriers**

- **AD80** (905779) Cable carrier, used every two feet of traverse rail to secure cables.
- **AD78** (905750) Double carrier used to mount traverse rails to fixed rails.
- **AD74** (905692) Clamp to attach fixed rails to ceilings and channel mount AD73. For ceilings under 13'.
- **AD7OS** (935605) Rail stops used to keep carriers on rails.
- **JH-L** (911376) 17 inch “J” hook adapter with 1/2” light mount. Clamps on rail to mount light right side up. Not for use with light lifts.
- **AD82** (905808) Rail splice for joining two linear rails to make rails longer than 20 feet.
- **AD83** (905837) Rail brake used to prevent rapid movement of the traverse rails.
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PRODUCTS AND ACCESSORIES CATALOG

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