

**Experience, innovation, know-how...**

In 1978 Havis-Shields introduced itself to the fire apparatus market with the manufacture of its Kwik-Raze®-telescoping emergency scene lighting product line. Since then, Havis-Shields' internal engineering team continues to bring you the highest quality lighting products for your fleet.

We guarantee our Kwik-Raze® vehicle lighting product line will meet all of your emergency scene lighting expectations, as well as define a new meaning to "lighting up the night."

**Available in pole mounts, portables and recessed mounting applications...**

Havis-Shields can provide you with the solution to all your vehicle lighting needs. We offer a complete and custom line of telescoping pole mounts including tripods, thru-body mounts, remotes, and offset side mounts. We also offer portables, aerial / platform mounts, and our highly attractive and effective recessed body mounts.

Kwik-Raze® Lighthoods

Kwik-Raze® Poles & Mounts

Collins Dynamics® Lights



**Aerial/Platform Mount**  
page L23



**Custom Cab Brow Mount™**  
page L22



**Portable/Demountable Mount**  
page L21



**Telescoping Pole Mounts**  
page L19-L20



**Recessed Mount**  
page L22



**Thru-Body**



**Bottom Raise**



**Remote**



**All Magnafire 3000® heads**  
available for Will-Burt  
Light Towers



**Portable Tripod Mount**  
page L21

Contact us @

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E-mail: sales@havis.com

Fax: 215.957.0729  
Web: http://www.havis.com

**Magnafire 3000® provides a smooth beam pattern with NO hot spots!**

- Magnafire's reflector's optimum size and shape, rounded parabolic corners, and patented mirror finish projects the **most intense, brightest, and smoothest beam pattern available.**
- **Bulb changes are easier than ever** with the ability to re-lamp from the front (see figure A). Unlike extruded light fixtures, the Magnafire also has a modular field replaceable reflector.
- The Magnafire's superior die cast design eliminates many parts needed in an extruded fixture which makes it more **affordable.**
- With the lower wattage and subsequent low amp draw of the Magnafire, you have the ability to **add more to your apparatus and still have the power for operating other equipment.**
- **Get two lights in one!** All Magnafire fixtures come with a standard diffuser installed which can be removed to create two beam patterns from just one light! (see figure B)

Figure A



**Easy Bulb Change!**

In case of a broken bulb, the one-piece lens assembly makes bulb change quick and easy, especially in hard to reach locations.

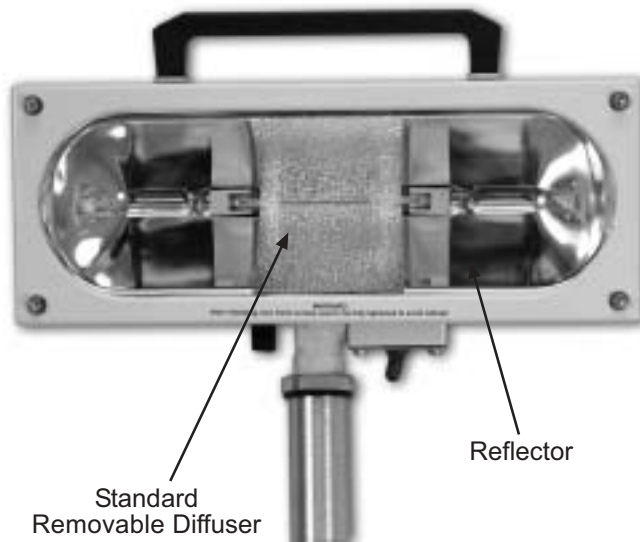
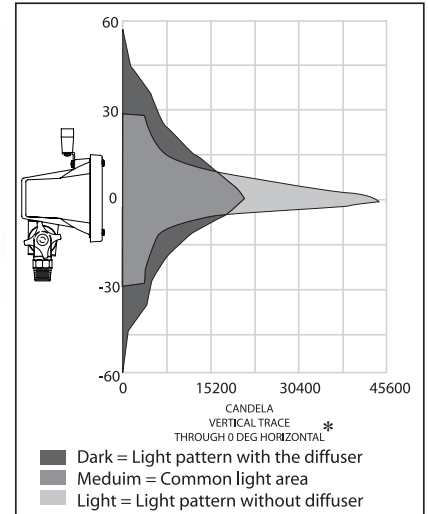


Figure B



**2 Light Patterns from one light!**

\*All Havis-Shields light data done by an independent test laboratory; detailed results available upon request.

**The Leader in 12- Volt HID Lighting Technology**

**Scene lighting without a generator!**

Havis-Shields is pleased to introduce the next generation of emergency scene lighting technology: The 70-watt MetalHalide HID Magnafire 3000® light fixture. This new floodlight now makes it possible to light up your night time work scene directly from your 12 volt battery, eliminating the need for costly generators or inverters.

**HID technology, nearly 4 times more efficient**

Our HID fixtures feature Havis-Shields quality and reliability. They're highly efficient light sources, offering more light per watt than traditional quartz halogen fixtures. Our HID technology has been proven in the field for quality and reliability.



Contact us @

Ph: 800.524.9900 or 215.957.0720  
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**MAGNAFIRE 3000® LIGHT HEADS**

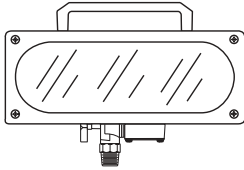
Magnafire 3000 lights are perfect for emergency and tactical response, command centers, traffic investigations and DWI enforcement, crime scene lighting, and much more!

See page L5-L8 for available mounting options.

**Part Number**

**Wattage      Bulb Lumen Rating      Amps Drawn      Bulb Life**

**KR- 31**

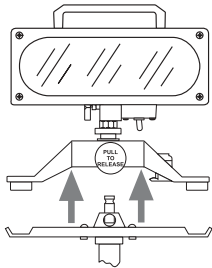


**2nd Generation 12 Volt H.I.D.**

- 70 watt 12VDC light fixture
- Metal halide H.I.D. bulb
- 13.5" W x 5.31" H x 4.88" D
- 8.75" H from swivel to top of handle
- Includes 3/4" NPT swivel knuckle
- Fixture only part #: KR-31

70 watts      6000      6 amps @ 12V      6000 hrs

**KR-\_\_31DM\***



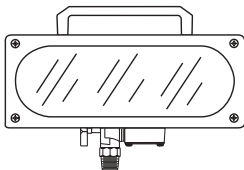
**Portable Demountable 12 Volt H.I.D.**

- Portable Demountable model allows fixture to be removed from pole with a 700 Series portable light.
- H.I.D. 70 watt, 12VDC light fixture
- Hold-down assembly fastens light to permanently mounted baseplate.
- Can be mounted on any telescoping poles (100-500 and 800 series), (Not available on the 600 or 900 Series)
- On/ off switch standard
- Order plugs separately (page L15)

70 watts      6000      6 amps @ 12V      6000 hrs

**KR-33, KR-36, KR-37, KR-39**

**PART NUMBER**



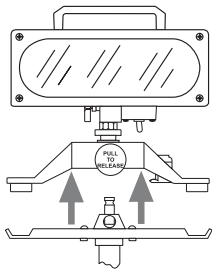
**Quartz Halogen Lights**

- Standard with a diffused reflector that is easily removable
- 13.5" W x 5.31" H x 4.88" D
- 8.75" H from swivel to top of handle
- Includes 3/4" swivel knuckle
- Fixture only part #: KR-33, KR-36, KR-37, KR-39

<b>KR-33</b>	350 watts	13,250	3 amps @120V	400 hrs
<b>KR-36</b>	650 watts	25,200	5.5 amps @120V	400 hrs
<b>KR-37</b>	750 watts	19,200	3.5 amps @ 220V	400 hrs
<b>KR-39</b>	900 watts	32,000	4.2 amps @ 240V	2000 hrs

**KR-\_\_33DM\*, KR-\_\_36DM\*, KR-\_\_37DM\*, & KR-\_\_39DM\***

**PART NUMBER**



**Portable Demountable**

- Portable Demountable model allows fixture to be removed from pole with a 700 Series portable light.
- Quartz halogen light fixture
- Hold-down assembly fastens light to permanently mounted baseplate.
- Can be mounted on any telescoping poles (100-500, and 800 series - Not available on the 600 or 900 Series)
- On/ off switch standard.
- Order plugs separately (page L15)

<b>KR-33DM</b>	350 watts	13,250	3 amps @120V	400 hrs
<b>KR-36DM</b>	650 watts	25,200	5.5 amps @120V	400 hrs
<b>KR-37DM</b>	750 watts	19,200	3.5 amps @ 220V	400 hrs
<b>KR-39DM</b>	900 watts	32,000	4.2 amps @ 240V	2000 hrs

**\* Demountables *MUST* be ordered with new poles and are *NOT* to be field retrofitted.**

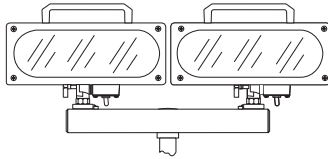
Contact us @

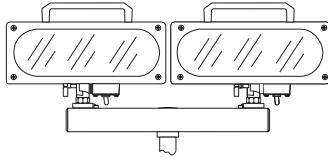
**MAGNAFIRE 3000® LIGHT HEADS**

Magnafire 3000® lights are perfect for emergency and tactical response, command centers, traffic investigations and DWI enforcement, crime scene lighting, and much more!  
See page L5-L8 for available mounting options!

Wattage	Bulb Lumen Rating	Amps Drawn	Bulb Life
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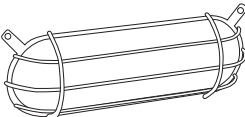
**Part Number**

<b>KR-__-31-2*</b>	<b>NOTE: Specs are per fixture</b>			
 <p><b>2nd Generation 12 Volt H.I.D.</b></p> <ul style="list-style-type: none"> <li>• Dual 70 watt 12VDC light fixtures</li> <li>• Metal halide H.I.D. bulb</li> <li>• 28.06" W x 11.50" H x 4.88" D</li> <li>• On/Off switches standard</li> <li>• Please note that wattage, lumens, and amp draw all double when specing vehicle.</li> </ul>	70 watts	6,000	6 amps @ 12VDC	6000 hrs

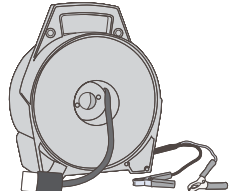
<b>KR-__-33-2*, KR-__-36-2*, KR-__-37-2* &amp; KR-__-39-2*</b>	<b>PART NUMBER</b>	<b>NOTE: Specs are per fixture</b>			
 <p><b>Quartz Halogen Lights</b></p> <ul style="list-style-type: none"> <li>• Dual quartz halogen light fixture</li> <li>• Standard with a diffused reflector that is easily removable</li> <li>• 28.06" W x 11.50" H x 4.88" D</li> <li>• 8.75" H from swivel to top of handle</li> <li>• On/Off switches standard</li> <li>• Please note that wattage, lumens, and amp draw all double when specing vehicle.</li> </ul>	<b>KR-33-2</b>	350 watts	13,250	3 amps @ 120V	400 hrs
	<b>KR-36-2</b>	650 watts	25,200	5.5 amps @ 120V	400 hrs
	<b>KR-37-2</b>	750 watts	19,200	3.5 amps @ 220V	400 hrs
	<b>KR-39-2</b>	900 watts	32,000	4.2 amps @ 240V	2000 hrs

**KR-GG-3000**

**MAGNAFIRE 3000® OPTIONS**  
(additional options can be found on page L15)

 <p><b>Optional Grille Guard For All Magnafire 3000® Light Fixtures</b></p> <ul style="list-style-type: none"> <li>• Manufactured from .16" diameter stainless steel wire with an electro-polished finish</li> <li>• 4.3" H x 12.5" W x 1.8" D</li> <li>• Grille Guards are installed to Magnafire frame via 2 clips at the bottom that slide into the frame, and 2 tabs at the top of the grille guard that are secured with the existing screws onto the frame.</li> </ul>
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**KR-EC-50**

 <p><b>Optional 12 Volt Extension Cord For Magnafire Model 31 H.I.D. Portable Demountable Light</b></p> <ul style="list-style-type: none"> <li>• 50 ft. of 12/2 SJO cable with connector on one end and battery clamps on the other end.</li> <li>• Includes bright yellow, high-impact polystyrene reel</li> </ul>
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\* KR-XX-2 lights **MUST** be ordered with new poles and are **NOT** to be field retrofitted.

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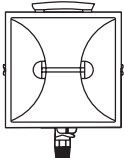
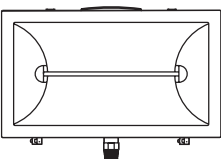
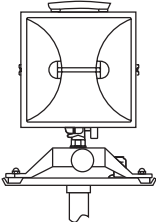
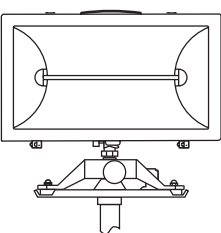
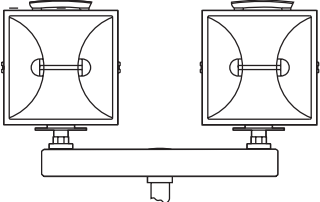
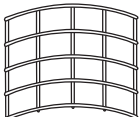
Kwik-Raze® Lightheads

Kwik-Raze® Poles & Mounts

Collins Dynamics® Lights

**STONCO SERIES LIGHT HEADS**

See page L5-L8 for available mounting options.

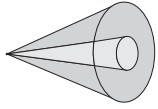
Part Number		Wattage	Bulb Lumen Rating	Amps Drawn	Bulb Life
<b>KR-05</b>					
	<p><b>Quartz Halogen Light</b></p> <ul style="list-style-type: none"> <li>• 500 watt fixture, 120 VAC</li> <li>• T-3 quartz halogen bulb</li> <li>• Includes 3/4" swivel knuckle and handle standard</li> <li>• 10.75" H x 8.25" W x 5.5" D</li> <li>• Available in 220 volts, 2.3 amps if specified</li> <li>• On/Off switch optional, see page L15</li> <li>• Fixture only part #: KR-1-2AC</li> </ul>	500 watts	10,500	4.5 amps @120V	2000 hrs
<b>KR-10 &amp; KR-15</b>	<b>PART NUMBER</b>				
	<p><b>Quartz Halogen Light</b></p> <ul style="list-style-type: none"> <li>• 1000 or 1500 watt fixture, 220 VAC</li> <li>• T-3 quartz halogen bulb</li> <li>• Includes 3/4" swivel knuckle and handle standard</li> <li>• 10.75" H x 16.5" W x 5.5" D</li> <li>• On/Off switch optional, see page L15</li> <li>• Fixture only part #: KR-1-2BC10 or KR-1-2BC15</li> </ul>	<p><b>KR-10</b> 1000 watts</p> <p><b>KR-15</b> 1500 watts</p>	<p>21,500</p> <p>35,800</p>	<p>4.5 amps @ 220V</p> <p>6.5 amps @ 220V</p>	<p>2000 hrs</p> <p>2000 hrs</p>
<b>KR-__05DM*</b>					
	<ul style="list-style-type: none"> <li>• 500 watt light fixture, 120 VAC</li> <li>• Portable Demountable allows fixture to be removed from pole with a 700 Series portable light</li> <li>• Hold down assembly fastens light to permanently mounted baseplate</li> <li>• Can be mounted on any of the telescoping poles (100-500 and 800 series- Not available on the 600 or 900 series)</li> <li>• On/ off switch standard</li> <li>• See page L15 for Options</li> </ul>	500 watts	10,500	4.5 amps @220V	2000 hrs
<b>KR-__10DM* &amp; KR-__15DM*</b>	<b>PART NUMBER</b>				
	<ul style="list-style-type: none"> <li>• 1000 or 1500 watt light fixture, 220 VAC</li> <li>• Portable Demountable allows fixture to be removed from pole with a 700 Series portable light</li> <li>• Hold down assembly fastens light to permanently mounted baseplate</li> <li>• Can be mounted on any of the telescoping poles (100-500 and 800 series- Not available on the 600 or 900 series)</li> <li>• On/ off switch standard</li> <li>• See page L15 for Options</li> </ul>	<p><b>KR-10DM</b> 1000 watts</p> <p><b>KR-15DM</b> 1500 watts</p>	<p>21,500</p> <p>35,800</p>	<p>4.5 amps @ 220V</p> <p>6.5 amps @ 220V</p>	<p>2000 hrs</p> <p>2000 hrs</p>
<b>KR-__-05-2*</b>					
	<ul style="list-style-type: none"> <li>• Dual 500 watt fixtures, 120 VAC</li> <li>• Specify -2 for dual mounting</li> <li>• 13.5" H x 23" W x 5.5" D</li> <li>• Available in 220 volts, 2.3 amps</li> <li>• On/ off switch standard</li> <li>• Please note that wattage, lumens &amp; amp draw all double when specing vehicle</li> <li>• Fixture only part #: KR-1-2AC (single lighthead)</li> </ul>	500 watts	10,500	4.5 amps @120V	2000 hrs
<b>KR-GG05</b>	<b>STONCO OPTIONS (additional options can be found on page L15)</b>				
	Optional Grille Guard For Stonco 500 Watt light fixture model KR-05				

\* Demountable and KR-XX-2 (dual) lights **MUST** be ordered with new poles and are **NOT** to be field retrofitted.

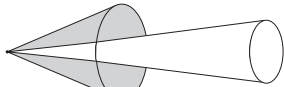
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**FX SERIES LIGHT HEADS**

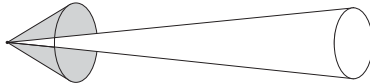
See page L5-L8 for available mounting options



FX-6 beam pattern  
300,000 cp spot, 125,000 cp flood



FX-9 beam pattern  
500,000 cp spot, 50,000 cp flood



FX-12 beam pattern  
750,000 cp spot, 5,000 cp flood

**FX-6 Enhanced flood light**

Enhanced flood pattern decklight with 7" single stage 40° reflector. Uses 100 watt H-1 bulb. Draws 7.8 amps.

**FX-9 Selectable spot/ flood light**

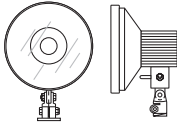
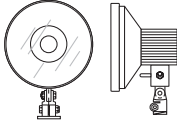
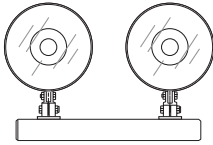
Select spot or flood pattern with 7" dual stage reflector. Uses two 100 watt H-2 bulbs. Draws 7.8 amps on spot or flood.

**FX-12 Selectable spot/ flood light**

Select spot or flood pattern with 7" dual stage reflector. Uses 100 watt H-2 spot and 55 watt H-2 flood bulbs. Draws 7.8 amps on spot, 4.2 on flood.



**Part Number**

Part Number	Wattage	Bulb Lumen Rating	Amps Drawn	Bulb Life
 <ul style="list-style-type: none"> <li>• 100 watt H-1 bulb</li> <li>• Single stage reflectors provide halogen spot, flood and enhanced flood beam patterns</li> <li>• Black anodized aluminum with chrome plated reflector housing</li> <li>• On/ off switch standard</li> <li>• All models are standard 12 volt and, if specified available with 24 volts</li> </ul>	100 watts	2,800	7.8 amps @ 12VDC	150 hrs
<b>CD-FX-9, CD-FX-12</b>				
 <ul style="list-style-type: none"> <li>• 100 watt H-2 bulb</li> <li>• Single and dual stage reflectors provide halogen spot, flood and enhanced flood beam patterns</li> <li>• Black anodized aluminum with chrome plated reflector housing</li> <li>• On/ off switch standard</li> <li>• All models are standard 12 volt and, if specified available with 24 volts</li> </ul>	<b>CD-FX-9</b> 100 watt Spot/Flood	3,000	7.8 amps @ 12VDC	100 hrs
	<b>CD-FX-12</b> 100 watts Spot/ 55W Flood	3,000	7.8 amps @ 12VDC	100 hrs
<b>KR-___ FX-6-2*, KR-___ FX-9-2*, KR-___ FX-12-2*</b>				
 <ul style="list-style-type: none"> <li>• Dual 12VDC light fixtures, see models that are offered</li> <li>• On/ off switches standard</li> <li>• Please note that wattage, lumens and amp draw all double when specing vehicle.</li> </ul>	<b>KR-FX-6-2</b> 100 watts	2,800	7.8 amps @ 12V each	150 hrs
	<b>KR-FX-9-2</b> 100 watt Spot/Flood	3,000	7.8 amps @ 12V each	100 hrs
	<b>KR-FX-12-2</b> 100 watts Spot/ 55W Flood	3,000	7.8 amps @ 12V each	100 hrs

**\*KR-XX-2 lights MUST be ordered with new poles and are NOT to be field retrofitted.**

Contact us @