## KS 71 Elements Quick Selection Guide

### STEP 1 - Optical Elements Quick Selection Guide

<table>
<thead>
<tr>
<th>Type of Light</th>
<th>Part Number</th>
<th>Color</th>
<th>Operating Voltage</th>
<th>Price</th>
<th>Type of Light</th>
<th>Part Number</th>
<th>Color</th>
<th>Operating Voltage</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incandescent Permanent*</td>
<td>64110000</td>
<td>Red</td>
<td></td>
<td>$21.50</td>
<td>Xenon Flashing Light</td>
<td>64310055</td>
<td>Red</td>
<td>24DC</td>
<td>$104.00</td>
</tr>
<tr>
<td></td>
<td>64120000</td>
<td>Green</td>
<td></td>
<td>$21.50</td>
<td></td>
<td>64320055</td>
<td>Green</td>
<td>115VAC</td>
<td>$89.00</td>
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<td>Yellow</td>
<td></td>
<td>$21.50</td>
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<td>Yellow</td>
<td>24DC</td>
<td>$104.00</td>
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<tr>
<td></td>
<td>64140000</td>
<td>Clear</td>
<td></td>
<td>$21.50</td>
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<td>64340055</td>
<td>Clear</td>
<td>24DC</td>
<td>$104.00</td>
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<td>64150000</td>
<td>Blue</td>
<td></td>
<td>$21.50</td>
<td></td>
<td>64350055</td>
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<td>24DC</td>
<td>$104.00</td>
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<td>Incandescent Bulbs</td>
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<td>Clear</td>
<td>24V AC/DC</td>
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<td></td>
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<td>230VAC</td>
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<td>64310067</td>
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<td>115VAC</td>
<td>$89.00</td>
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<td></td>
<td>95584057</td>
<td>Clear</td>
<td>24V AC/DC</td>
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<td></td>
<td>64310067</td>
<td>Clear</td>
<td>115VAC</td>
<td>$89.00</td>
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<tr>
<td>LED Permanent</td>
<td>64410075</td>
<td>Red</td>
<td>24V AC/DC</td>
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<td>64410075</td>
<td>Red</td>
<td>125V AC/DC</td>
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<tr>
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<td>24V AC/DC</td>
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<td>125V AC/DC</td>
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<td>LED Flashing Light</td>
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<td>Multi</td>
<td>24V DC</td>
<td>$208.00</td>
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<td>64450107</td>
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<td>115V AC/DC</td>
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<td>Red</td>
<td>24V DC</td>
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<tr>
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<td>115V AC/DC</td>
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<td>Yellow</td>
<td>115V AC/DC</td>
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<td>64430067</td>
<td>Yellow</td>
<td>24V DC</td>
<td>$71.00</td>
</tr>
<tr>
<td></td>
<td>64440067</td>
<td>Clear</td>
<td>115V AC/DC</td>
<td>$90.00</td>
<td></td>
<td>64440067</td>
<td>Clear</td>
<td>24V DC</td>
<td>$101.00</td>
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<td></td>
<td>64450067</td>
<td>Blue</td>
<td>115V AC/DC</td>
<td>$90.00</td>
<td></td>
<td>64440067</td>
<td>Blue</td>
<td>24V DC</td>
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<td>LED Rotating Light</td>
<td>64412055</td>
<td>Red</td>
<td>24VDC</td>
<td>$125.00</td>
<td></td>
<td>64413057</td>
<td>Red</td>
<td>24V DC</td>
<td>$115.00</td>
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<td></td>
<td>64422055</td>
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<td>24VDC</td>
<td>$125.00</td>
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<td>64423057</td>
<td>Green</td>
<td>24V DC</td>
<td>$115.00</td>
</tr>
<tr>
<td></td>
<td>64432055</td>
<td>Yellow</td>
<td>24VDC</td>
<td>$125.00</td>
<td></td>
<td>64433057</td>
<td>Yellow</td>
<td>24V DC</td>
<td>$115.00</td>
</tr>
<tr>
<td></td>
<td>64442055</td>
<td>Clear</td>
<td>24VDC</td>
<td>$196.00</td>
<td></td>
<td>64443057</td>
<td>Clear</td>
<td>24V DC</td>
<td>$179.00</td>
</tr>
<tr>
<td></td>
<td>64452055</td>
<td>Blue</td>
<td>24VDC</td>
<td>$196.00</td>
<td></td>
<td>64453057</td>
<td>Blue</td>
<td>24V DC</td>
<td>$179.00</td>
</tr>
</tbody>
</table>

* Bulbs are required for permanent incandescent optical element.

** The multicolor element can be combined with up to 2 additional signal elements.

### STEP 2 - Audible Elements Quick Selection Guide

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Tone Frequency</th>
<th>Max. Volume @ 1m</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>64580075</td>
<td>Buzzer element</td>
<td>24V AC/DC</td>
<td>1.75 kHz</td>
<td>85dB</td>
<td>$52.00</td>
</tr>
<tr>
<td>64580077</td>
<td></td>
<td>115VAC</td>
<td></td>
<td></td>
<td>$62.00</td>
</tr>
<tr>
<td>64582075</td>
<td>Multi-functional siren</td>
<td>24V AC/DC</td>
<td>1.6 / 3.4 kHz</td>
<td>100dB</td>
<td>$90.00</td>
</tr>
<tr>
<td>64582076</td>
<td></td>
<td>115VAC</td>
<td></td>
<td></td>
<td>$94.00</td>
</tr>
<tr>
<td>64585055**</td>
<td>Multi-functional siren, external trigger</td>
<td>24VDC</td>
<td>1.6 / 3.4 kHz</td>
<td>100dB</td>
<td>$104.00</td>
</tr>
<tr>
<td>64581055</td>
<td>Siren element with self-adjusting sound level</td>
<td>24VDC</td>
<td>2.5 kHz</td>
<td>100dB</td>
<td>$136.00</td>
</tr>
</tbody>
</table>

### STEP 3 - Terminal Elements Quick Selection Guide

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Mounting</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>64082000</td>
<td>Screw terminal with M3 clamps</td>
<td>base or bracket</td>
<td>$28.50</td>
</tr>
<tr>
<td>64080000</td>
<td>Terminal element with CAGE CLAMP® technology</td>
<td>tube</td>
<td>$28.50</td>
</tr>
<tr>
<td>64083000</td>
<td>Screw terminal with M3 clamps</td>
<td></td>
<td>$28.50</td>
</tr>
<tr>
<td>64081000</td>
<td>Terminal element with CAGE CLAMP® technology</td>
<td></td>
<td>$28.50</td>
</tr>
</tbody>
</table>

### STEP 4 - Tube Mounting/Accessories Quick Selection Guide

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>97584001</td>
<td>Contact box with side exit cable</td>
<td>$18.00</td>
</tr>
<tr>
<td>97584002</td>
<td>Bracket for base mounting</td>
<td>$16.00</td>
</tr>
<tr>
<td>97584005</td>
<td>Bracket for 1-sided mounting</td>
<td>$13.50</td>
</tr>
<tr>
<td>97584006</td>
<td>Bracket for 2-sided mounting</td>
<td>$15.00</td>
</tr>
<tr>
<td>97584007</td>
<td>Contact box with side exit cable w/ magnetic base</td>
<td>$18.00</td>
</tr>
<tr>
<td>96000014</td>
<td>Bracket for base mounting w/ concealed cable entry</td>
<td>$19.50</td>
</tr>
<tr>
<td>96000001</td>
<td>Bracket for tube mounting</td>
<td>$16.00</td>
</tr>
<tr>
<td>96000004</td>
<td>Plastic base for 25mm [0.98 in] diameter tube</td>
<td>$13.00</td>
</tr>
<tr>
<td>96000003</td>
<td>Plastic tube for foldaway base</td>
<td>$8.50</td>
</tr>
<tr>
<td>97584002</td>
<td>Adapter for tube mounting</td>
<td>$9.50</td>
</tr>
<tr>
<td>96000004</td>
<td>Cable gland for surface mounting</td>
<td>$5.25</td>
</tr>
<tr>
<td>96000030</td>
<td>Foldaway base</td>
<td>$54.00</td>
</tr>
</tbody>
</table>
## KS 71 Optical Elements Specifications

### Incandescent Permanent Light Element
- **Part Number**: 64110000, 64120000, 64130000, 64140000, 64150000
- **Color**: Red, Green, Yellow, Clear, Blue
- **Wattage**: 5W
- **Voltage**: 12-240V
- **Life**: up to 5,000h
- **Material**: Polycarbonate
- **Weight**: 55g [1.94 oz]

### LED Permanent Light Element
- **Part Number**: 64410075, 64420075, 64430075, 64440075, 64450075
- **Color**: Red, Green, Yellow, Clear, Blue
- **Wattage**: Max. 30mA
- **Voltage**: 24V AC/DC
- **Life**: up to 100,000h
- **Material**: Polycarbonate
- **Weight**: 58g [2.05 oz]

### LED Flashing Light Element
- **Part Number**: 64412055, 64422055, 64432055, 64442055, 64452055
- **Color**: Red, Green, Yellow, Clear, Blue
- **Wattage**: Max. 120mA
- **Voltage**: 24V DC
- **Life**: up to 50,000h
- **Material**: Polycarbonate
- **Weight**: 63g [2.22 oz]

### Xenon Flashing Light Element
- **Part Number**: 64310055, 64320055, 64330055, 64340055, 64350055
- **Color**: Red, Green, Yellow, Clear, Blue
- **Wattage**: Max. 125mA
- **Voltage**: 24V DC
- **Life**: up to 4,000,000 flashes
- **Material**: Polycarbonate
- **Weight**: 73g [2.57 oz]

### LED Blinking Light Element
- **Part Number**: 64411075, 64421075, 64431075, 64441075, 64451075
- **Color**: Red, Green, Yellow, Clear, Blue
- **Wattage**: Max. 500mA
- **Voltage**: 24V AC/DC
- **Life**: up to 100,000h
- **Material**: Polycarbonate
- **Weight**: 58g [2.05 oz]

### LED Rotating Light Element
- **Part Number**: 64413075, 64423075, 64433075, 64443075, 64453075
- **Color**: Red, Green, Yellow, Clear, Blue
- **Wattage**: Max. 500mA
- **Voltage**: 24V AC/DC
- **Life**: up to 100,000h
- **Material**: Polycarbonate
- **Weight**: 67g [2.36 oz]

### Terminal Pin Activation of Multi-Color LED Permanent Light Element
- **Pin 1**: 24V
- **Pin 2**: 24V
- **Pin 3**: 24V
- **Function**: Red, Green, Yellow, Blue, White, Violet, Turquoise

### Bulbs for Incandescent Permanent Optical Element
- **Part Number**: 95584035, 95584036, 95584057
- **Description**: Incandescent light BA15d Bayonet Socket
- **Wattage**: 5W
- **Voltage**: 24VDC, 230VAC, 115VAC
- **Life**: up to 5,000h
Configuring Your KombiSIGN 71 Stack Light

**STEP 1**
Select the required optical elements for your application

- Incandescent Permanent Light
- LED Permanent Light
- LED Flashing Light
- LED Blinking Light
- LED Rotating Light
- Xenon Flashing Light

**STEP 2**
Select the optional audible elements for your application

- Buzzer Element
- Siren Element

**STEP 3**
Select the correct terminal element for your mounting option (includes cap)

**STEP 4**
Where appropriate, select a base and the desired tube length (only for tube mounting)

**STEP 5**
Where appropriate, select the bracket and the contact box.

- Contact box with side cable exit
  Order no. 97584001

- Bracket for 1-sided mounting
  Order no. 97584085

- Bracket for 2-sided mounting
  Order no. 97584086

- Contact box with side cable exit
  Order no. 96000002

- Bracket for base mounting
  Order no. 97584086

- Contact box with side cable exit
  Order no. 97584086

- Bracket for 1-sided mounting with concealed cable entry
  Order no. 97584086

- Bracket for 2-sided mounting
  Order no. 96000014

- Contact box with magnetic base and side cable exit
  Order no. 97584004

- Bracket for tube mounting
  Order no. 96000001

- Tube Ø 25 mm, all anodized
  Order no. 97584510

- 100 mm long
  Order no. 97584025

- 250 mm long
  Order no. 97584040

- 400 mm long
  Order no. 97584060

- 600 mm long
  Order no. 97584080

- 800 mm long
  Order no. 97584003

- Base for Tube, plastic
  Order no. 97584090

- Base for Tube, metal
  Order no. 97584091

- Foldaway Base
  Order no. 96000030

- Tube Ø 25 mm, plastic, only for Foldaway Base, 45 mm long
  Order no. 96000031

- Tube with clamp
  Order no. 96000018

- Adapter for single hole mounting
  Order no. 96000025

- Base with integrated tube
  Order no. 97584010

- CAGE CLAMP® terminal
  Order no. 64080000

- Screw terminal
  Order no. 64082000

- CAGE CLAMP® terminal
  Order no. 64081000

- Screw terminal
  Order no. 64083000

- Bracket for base mounting
  Order no. 96000002

- Bracket for 1-sided mounting
  Order no. 97584085

- Bracket for 2-sided mounting
  Order no. 97584086

- Contact box with side cable exit
  Order no. 97584001

- Contact box with magnetic base and side cable exit
  Order no. 97584004

- Bracket for tube mounting
  Order no. 96000001

For latest prices, please check AutomationDirect.com
1-800-633-0405
Werma Modular Stack Lights Overview

Description
WERMA’s modular stack light system offers total choice and flexibility as it allows for a completely free combination of optical and audible signal elements. The bayonet mechanism allows elements to be mechanically and electrically connected within seconds. This means that elements can be safely and easily changed (contact-voltage proof) without the need for tools.

Typical product applications include; machine tools, packaging machines, conveyor systems, printing machines, loading docks, retail centers (check outs), queuing indicators for theme parks, and more.

Product highlights:
- Signal elements in common voltages (24V DC and 115V AC)
- Modular system allows combination as required
- Two different sizes (70 and 50 mm diameter)
- Five colors available
- Wide range of audible elements
- Diverse and flexible solutions

Simple assembly with bayonet mechanism
- Simple mounting and removal of the elements
- New combinations at the twist of a hand
- Tool-free bulb change
- Position marks to guide alignment
Werma Stack Lights Family Overview

**KombiSIGN 71**
Modular IP65-rated stack light system with 70 mm diameter for use in standard applications.
KS 71 stack lights are available in 5 colors and multiple light effects (permanent, blinking, rotating, flashing). Multiple light sources (incandescent, LED, Xenon tube) and a wide variety of mountings are available. Combine up to 5 elements per terminal. Various terminal design choices are available as well as multiple voltages and audible elements up to 105 dB.

**KombiSIGN 50**
Modular IP54-rated stack light system with 50 mm diameter for use on smaller machines.
KS 50 stack lights are available in 5 colors with either permanent or blinking light effects in multiple voltages. A choice of incandescent or LED light sources is available as well as an 80 dB audible element. Elements can be combined in a variety of mountings, up to 4 elements per mounting for 360° of visibility.

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**KS 71 Terminal Elements**

**KS 50 Terminal Element**

**Screw terminals**

**CAGE CLAMP® terminals**

Safe and efficient connection thanks to CAGE CLAMP® technology
Terminal elements with CAGE CLAMP® technology enable leads to be quickly and easily wired, guaranteeing a secure and reliable contact.

1. Insert screwdriver at a slight angle into opening as far as possible.
2. Open spring-loaded clamp with the help of the screwdriver and insert wire as far as possible.
3. Remove screwdriver - the wire is firmly clamped.

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