# -V-Spring telescoping safety light pole

**Applications:**
- For luminaires installed on industrial walkways, platforms, stairways and conveyors where OSHA/HSE regulations require fall prevention equipment
- Hard to reach or dangerous areas where safety is a big concern
- Hazardous and harsh environments subject to corrosive agents, vibration and extreme temperatures

**Certifications and compliances:**
- UL1598
- CSA C22.2 No. 250.0-08
- cULus Listed for Class I, Division 2, Class II, Division 2 when used with Champ® luminaires

**Environmental ratings:**
- Dusttight
- NEMA 4; IP66
- Wind rated to 230 mph per AASHTO standards

**Vibration:**
- DNV No. 2.4: 2006
- IEC 60068-2-6: 2007

**Product specifications:**

<table>
<thead>
<tr>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telescoping</td>
</tr>
<tr>
<td>Factory sealed and pre-wired</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Installed height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjustable raised height</td>
</tr>
</tbody>
</table>

**Standard materials:**

**Light pole options:**
- Structural steel – A36-500
- Hot dip galvanized – ASTM 123
- Aluminum – T6061
- Stainless steel – 316 grade

**Compression spring:**
- Stainless steel

**Hardware:**
- Xylan 1400 coated for corrosion protection

**Cable:**
- 12/3 AWG UL/CSA Listed
- 600V, -40°C to 105°C
- Sun- and oil-resistant, FT1, FT2
- ROHS II reach

**Weather cover:**
- 60 Duro high UV-resistant EPDM

**Weights:**

<table>
<thead>
<tr>
<th>Handrail stanchion and wall models:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural steel – 42 lbs.</td>
</tr>
<tr>
<td>Aluminum – 23 lbs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base/structural model:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural steel – 70 lbs.</td>
</tr>
<tr>
<td>Aluminum – 34 lbs.</td>
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</table>

<table>
<thead>
<tr>
<th>Maximum luminaire weight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 lbs. (recommended weight for one person operation)</td>
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</tbody>
</table>
-V-Spring telescoping safety light pole

Spring assist
- Provides true controlled lowering
- Less force required to raise or lower luminaire – no strain on worker
- Eliminates the need for portable ladders and fall prevention equipment
- Multiple fixture capability

Internal conduit
- Protects wiring from spring assist mechanism

Simple vertical travel
- Easily extend to any raised height – one product covers multiple mounting heights
- Luminaire housing will not fall from mounting module hinge hook during installation or maintenance
- No pinch points – protects hands and fingers
- Less force exerted on handrail

Simple operation
- Innovative design eliminates consideration of surrounding obstructions
- Telescoping design allows for safe transport on job site
- Easily adjust fixture position from ground or walkway

Designed for harsh environments
- Classified and hazardous locations
- No lubricants or maintenance required
- Rated for corrosive, wet, dusty, hot and cold conditions prior to use of optional harsh environment cover

Rugged construction
- 2” bottom pole for higher structural wind ratings
- Internal conduit for cable protection and moisture resistance

Fully assembled and wired
- Factory assembled, wired and sealed for maximum environmental protection
- Reduces installation time

Compressed height
5.4'

Common raised height
9.0'

1½” trade size

2.0” trade size

Drains
1½” external thread
¾” internal thread

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Dusttight
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**Ordering information:**

Part number example

V65H-G-JM5-T57

### V65  H - G

#### Series

- **V65**: V-Spring telescoping safety light pole

#### Mounting

- **B**: Base
- **W**: Wall
- **H**: Handrail stanchion

#### Harsh environment cover

<table>
<thead>
<tr>
<th>BLANK</th>
<th>No cover</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C</strong></td>
<td>Installed cover for locking collar</td>
</tr>
</tbody>
</table>

#### Fitting

<table>
<thead>
<tr>
<th><strong>T57</strong></th>
<th>Form 7 – 1½”</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>T58</strong></td>
<td>Form 8 – 1½”</td>
</tr>
<tr>
<td><strong>T59SX77</strong></td>
<td>Mark 9 (aluminum with ground screw) – 1½”</td>
</tr>
<tr>
<td><strong>T57 SA</strong></td>
<td>Form 7 (aluminum) – 1½”</td>
</tr>
</tbody>
</table>

- **Top hat**
  - **JM5**: 25° angled top hat
  - **PMS**: Straight top hat

### Labor savings options

Minimum order quantity: 10 pieces

### Handrail mounting kits

- **MHK-RTG**: Tubular rail, galvanized
- **MHK-RTS**: Tubular rail, stainless
- **MHK-RAG**: Angled rail, galvanized
- **MHK-RAS**: Angled rail, stainless
- **MHK-RIG**: Incline rail, galvanized
- **MHK-RIS**: Incline rail, stainless

### Material

- **G**: Galvanized steel
- **A**: Aluminum
- **S**: 316 stainless steel

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- Includes cover and gasket.
- For Champ luminaires only.
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Accessories (ordered separately):

Description
Luminaire mounts:
- 2 ft. (610mm) fluorescent clamp-on
- 4 ft. (1200mm) fluorescent clamp-on
- 3 ft. (920mm) fluorescent clamp-on, cross arm
- Multi-purpose bolt-on, vertical
- Multi-purpose bolt-on, horizontal
- Floodlight bolt-on
- Junction box plate

Champ only luminaire mounts – aluminum:
- 25° angled top hat
- Straight top hat

Harsh environment cover:
- Harsh environment cover for locking collar

Pole removal:
- Pole removal tool

Contact factory for aluminum or stainless options.

For Champ luminaires only.
Installation options:

- **Inclined rail mount**
  - Material: Galvanized steel (G), Stainless steel (S)

- **Universal rail mount – tubular rail**
  - Material: Galvanized steel (G), Stainless steel (S)

- **Universal rail mount – angular**
  - Material: Galvanized steel (G), Stainless steel (S)

Bolt-on (weld-less) brackets provided as a complete kit.

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Installation options (continued):

Base mount

- 14" square base plate
- 1" NPT pipe thread (cable entry)
- "J" bolts for concrete backplate (not included)

Column/wall mount

- Column or wall

**NOTE:**
All mounting hardware for base and wall are included with pole. Wall mount bracket included (MHK-WG).

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