

# V-Spring telescoping safety light pole

UL Listed  
CSA Certified  
cULus Listed for Cl. I, Div. 2 &  
Cl. II, Div. 2 when used with  
Champ luminaires

Dusttight  
NEMA 4; IP66

6L

## 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:

- UL844 – Luminaires for use in Hazardous (Classified) Locations, 13<sup>th</sup> Edition
  - Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F, G
- UL1598 – UL Standard for Safety for Luminaires, 3<sup>rd</sup> Edition
- CAN/CSA C22.2 No. 137-M1987 – Electric Luminaires for use in Hazardous Locations
- CAN/CSA C22.2 No. 250-08 – Canadian National Standard for Luminaires, 3<sup>rd</sup> Edition
- 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:

### Construction:

- Telescoping
- Factory sealed and pre-wired

### Installed height:

- Adjustable raised height

## 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:

Handrail stanchion and wall models:

- Structural steel – 42 lbs.
- Aluminum – 23 lbs.

Base/structural model:

- Structural steel – 70 lbs.
- Aluminum – 34 lbs.

Maximum luminaire weight:

- 50 lbs. (recommended weight for one person operation)

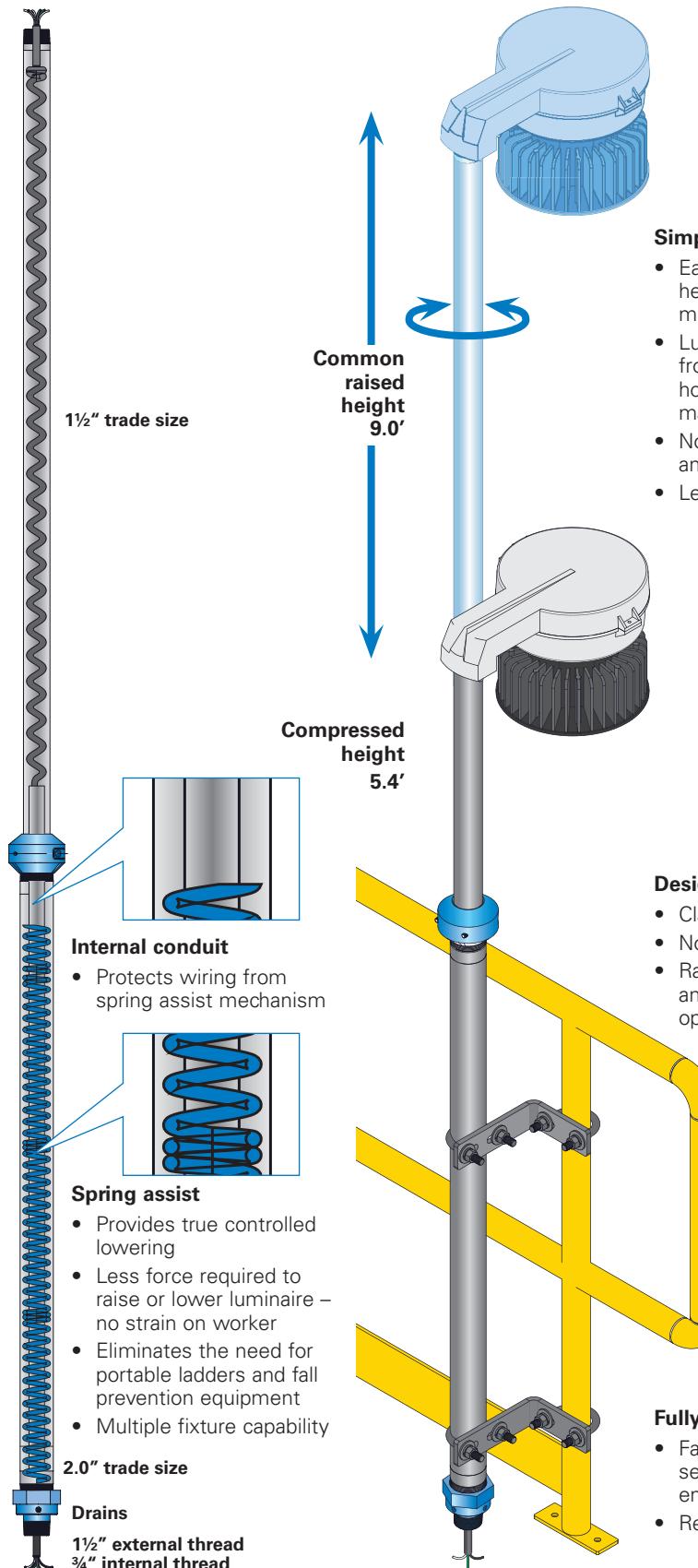


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## Easy fixture orientation

- Adjustable 360° pole rotation allows for effortless positioning of light

## 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

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## Ordering information:

Part number example

**V65H-G-JM5-T57**

**V65** **H - G**

**Series**

<b>V65</b>	V-Spring telescoping safety light pole
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**Mounting**

<b>B</b>	Base
<b>W</b>	Wall
<b>H</b>	Handrail stanchion

Stanchion mounting kits must be ordered separately.

See table below for options.

**Handrail mounting kits**

<b>MHK-RTG</b>	Tubular rail, galvanized
<b>MHK-RTS</b>	Tubular rail, stainless
<b>MHK-RAG</b>	Angled rail, galvanized
<b>MHK-RAS</b>	Angled rail, stainless
<b>MHK-RIG</b>	Incline rail, galvanized
<b>MHK-RIS</b>	Incline rail, stainless

**Material**

<b>G</b>	Galvanized steel
<b>A</b>	Aluminum
<b>S</b>	316 stainless steel

### Labor savings options

Minimum order quantity: 10 pieces

**- JM5 - LTEE2**

**Harsh environment cover**

<b>BLANK</b>	No cover
<b>C</b>	Installed cover for locking collar

**Lighting tee<sup>A</sup>**

<b>LTEE2</b>	Lighting tee with $\frac{3}{4}$ " through feed hubs and $1\frac{1}{2}$ " vertical hub, Feraloy iron
<b>LTEE2 SA</b>	Lighting tee with $\frac{3}{4}$ " through feed hubs and $1\frac{1}{2}$ " vertical hub, copper-free aluminum
<b>LTEE3</b>	Lighting tee with 1" through feed hubs and $1\frac{1}{2}$ " vertical hub, Feraloy iron
<b>LTEE3 SA</b>	Lighting tee with 1" through feed hubs and $1\frac{1}{2}$ " vertical hub, copper-free aluminum

**Top hat<sup>B</sup>**

<b>JM5</b>	25° angled top hat
<b>PM5</b>	Straight top hat



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<sup>A</sup>Contact factory for additional labor saving options.

<sup>B</sup>For Champ luminaires only.

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## Accessories (ordered separately):

### Description

### Cat. #

#### Luminaire mounts:

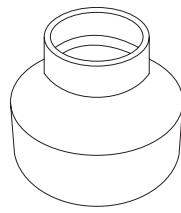
- 2 ft. (610mm) fluorescent clamp-on ..... **LMB-FR240-PC**
- 4 ft. (1200mm) fluorescent clamp-on ..... **LMB-FR440-PC**
- 3 ft. (920mm) fluorescent clamp-on, cross arm ..... **LMB-FRT40-PC**
- Multi-purpose bolt-on, vertical ..... **LMB-WP40-PC**
- Multi-purpose bolt-on, horizontal ..... **LMB-MP40-PC**
- Floodlight bolt-on ..... **LMB-FL40-PC**
- Junction box plate ..... **JBP-G**

#### Champ only luminaire mounts – aluminum:

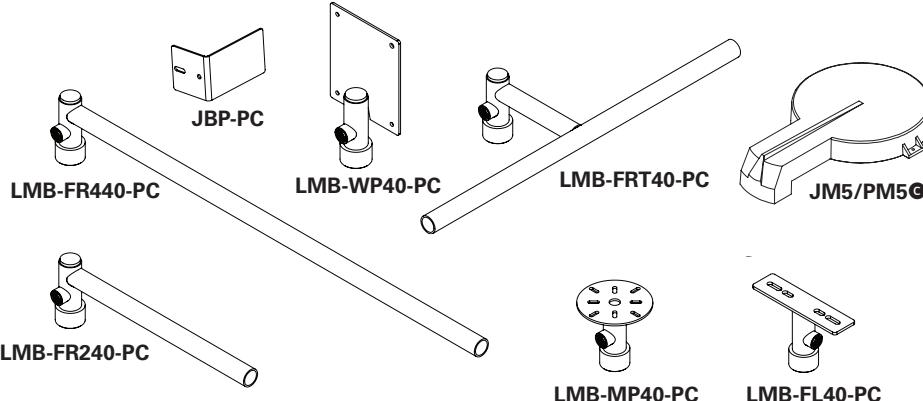
- 25° angled top hat ..... **JM5**
- Straight top hat ..... **PM5**

#### Harsh environment cover:

- Harsh environment cover for locking collar ..... **EC65**



**EC65**



Contact factory for aluminum or stainless options.

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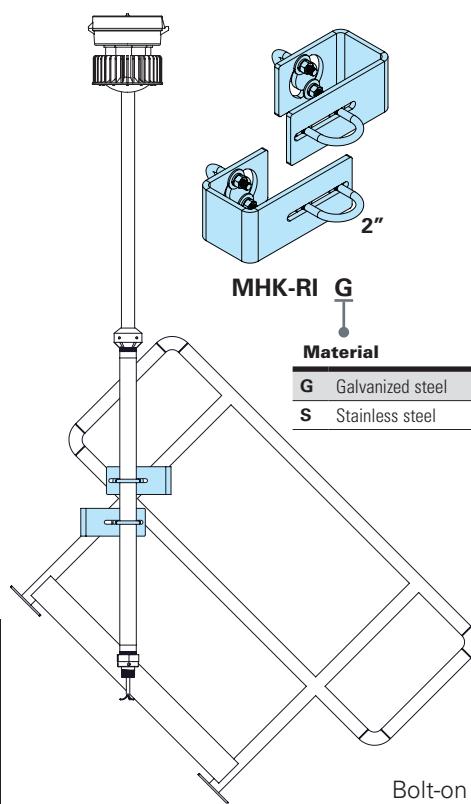
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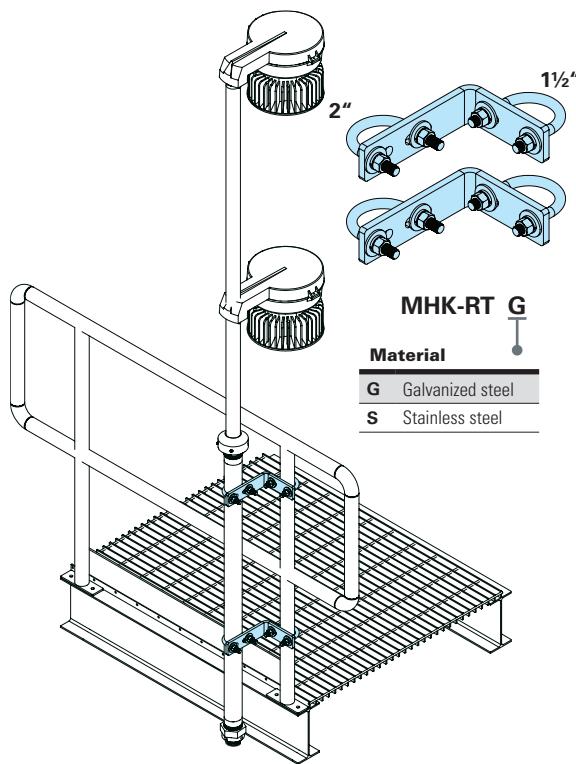
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## Installation options:

### Inclined rail mount

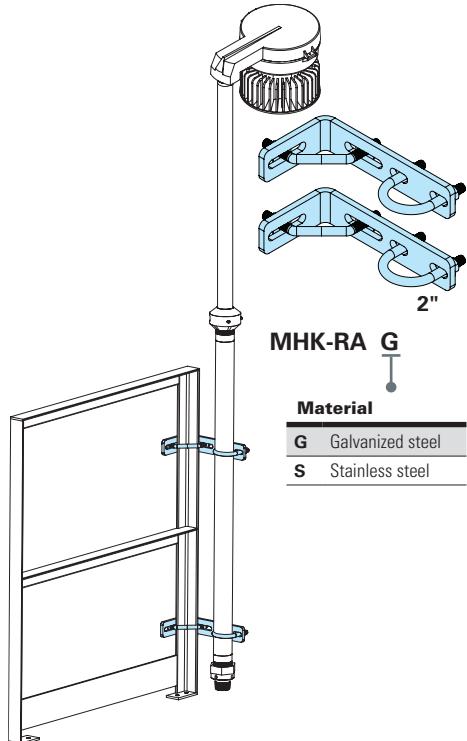


### Universal rail mount – tubular rail



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

### Universal rail mount – angular



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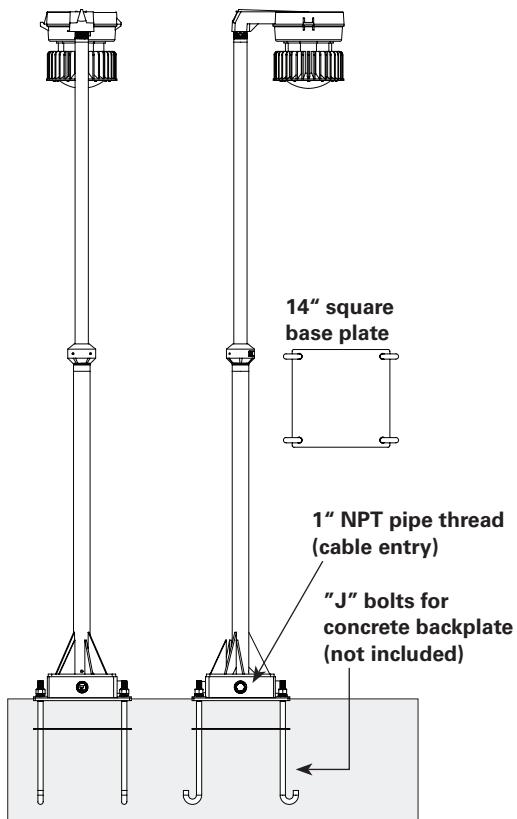
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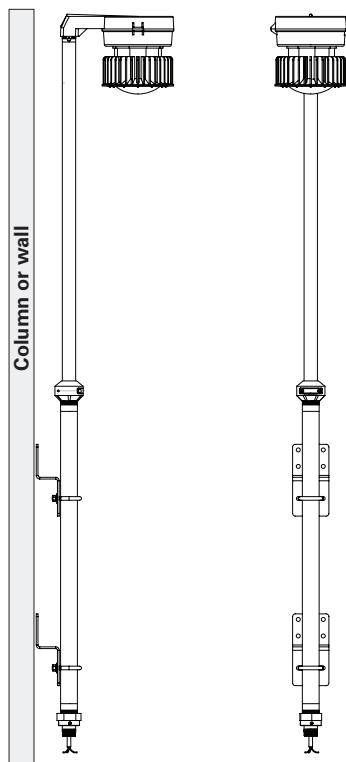
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## Installation options (continued):

Base mount



Column/wall mount



**NOTE:**

All mounting hardware for base and wall are included with pole.

Wall mount bracket included  
(MHK-WG).