

Saves money.
Saves time.
Saves lives.

Swivelpole™

The **ingenious** Swivelpole™ Retrofit System *(See p.19)*



Convert to Swivelpole™
and reduce your ongoing
lighting maintenance costs
by an average of 95%.

UL1598
CSA C22.2 No.250

HIGH-SAFETY LUMINAIRE SUPPORT SYSTEM

PRODUCT CATALOGUE

Poor lighting is one of the major causes of industrial accidents. But because simply changing a light bulb is a very labour-intensive and dangerous job, areas are often left dark.

Swivelpole™ solves all your lighting maintenance and upgrade problems in one smart move. It's unique, globally patented swivel mechanism lets you lower – and rotate – a light fitting to a safe working level in minutes. No ladders, no scaffolding, and no fall arrest systems.

Swivelpole™ can be built-in to new facilities, or easily retrofitted without welding so there's no need for hot work permits. And once fitted, you can change – or upgrade – to new lighting technology. To operate, all you need is a socket wrench.



Swivelpole™ lets you safely change a faulty light bulb in minutes, not hours.

Once installed, **Swivelpole™** saves time and money, year after year.

The **Swivelpole™** luminaire support system delivers cost savings throughout a project's lifecycle from specification to ongoing inspection and maintenance.

SPECIFICATION DETERMINATION

INTUITIVE PRODUCT DATA & CODING

✓ REDUCES DESIGN & PROCUREMENT COST

MOUNTING SOLUTIONS FOR ALL APPLICATIONS

✓ REDUCES DESIGN COST WITH
PROPRIETARY FITTINGS

ENGINEERED DRAWINGS READY
TO SPECIFY

✓ REDUCES ENGINEERING COST

INSTALLATION TERMINATION

QUICK & SIMPLE INSTALLATION

✓ REDUCES INSTALLATION COST

NO WELDING OR PAINTING REQUIRED

✓ REDUCES LABOUR COST

NO HOT WORK PERMIT REQUIRED

✓ REDUCES PERMIT COST

EASY FITTING & TERMINATION OF
ELECTRICAL EQUIPMENT

✓ REDUCES INSTALLATION COST

INSPECTION MAINTENANCE

LESS ADMINISTRATION AND PERMITS

✓ REDUCES ADMINISTRATION COST

NO NEED FOR ACCESS EQUIPMENT RENTAL

✓ REDUCES EQUIPMENT COST

IMPROVES ONGOING MAINTENANCE TIMES

✓ REDUCES OPERATING EXPENDITURE & LABOUR COST

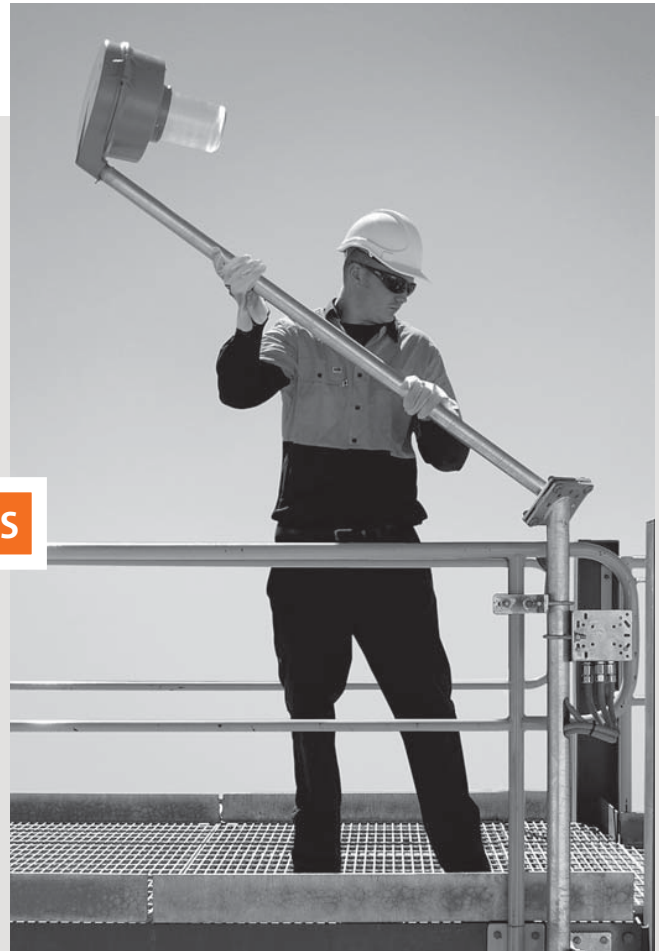
SUPPORTS HEALTH, SAFETY & ENVIRONMENT
OBJECTIVES

✓ REDUCES POTENTIAL INJURIES & DOWN TIME COSTS



Labour-intensive and dangerous traditional maintenance

VS



Safe and efficient **Swivelpole™** maintenance solution

Reduce your ongoing lighting maintenance costs by an average of **95%**



Swivelpole™



SCAFFOLD



E.W.P.



LADDER

Persons Required



Fall Arrest Equipment



Personal Gas Monitor *



Hot Work Permit *



Job Safety Analysis



Total Access Time
(per luminaire)

30
minutes

16
hours

8
hours

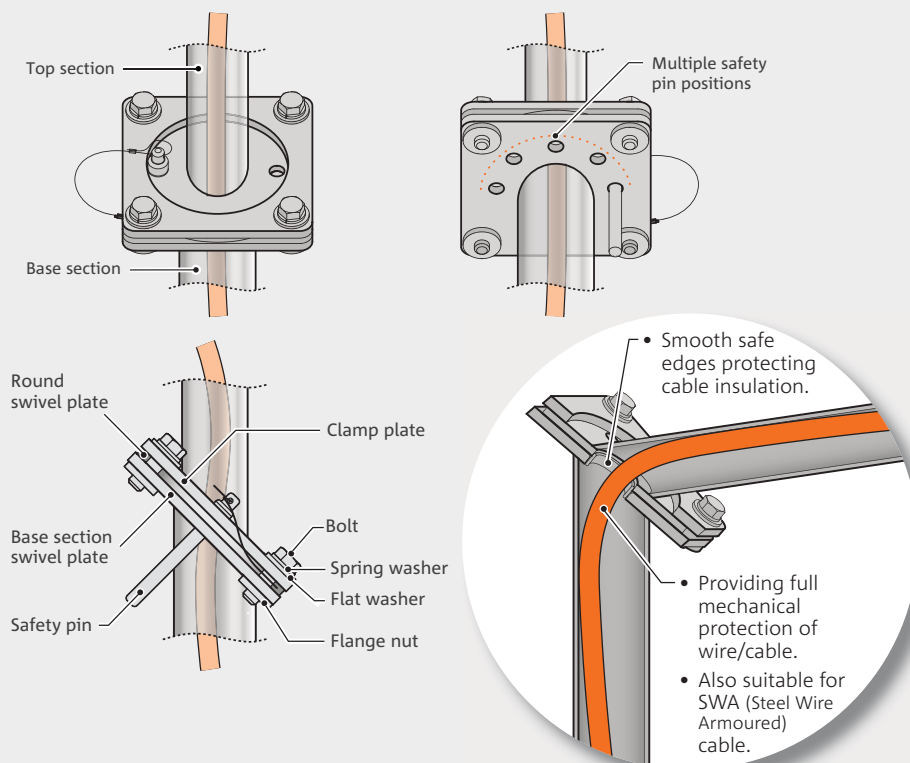
5
hours

* Hazardous Areas

Australian and Canadian industry surveys conducted 2009, 2011 and 2012

The core of the Swivelpole™ system is its unique globally patented swivel mechanism

- Incorporates a “clutch plate” design reducing the weight transferred to the operator.
- Allows one-person controlled lowering of the pole top section and luminaire.
- Pole top rotates on its axis so the luminaire comes to an upright maintenance position when lowered.
- Provides full mechanical protection of the cable within the Safe Swivel™ joint. Suitable for SWA (Steel Wire Armoured) cable.
- Requires simple loosening of fasteners with no part to be removed for operation.
- Incorporates a safety locking pin for securing the pole top to a range of maintenance positions.
- Suitable for hazardous and corrosive environments.
- Structurally certified product.



Safe Swivel™ joint orientation and path of motion

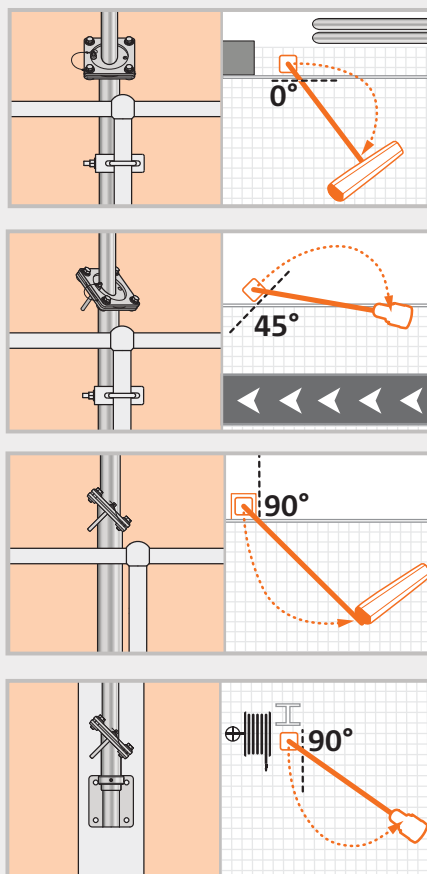
For the Swivelpole™ to operate at its optimum performance it must be assembled and installed correctly.

Correct installation means the walkway is not obstructed and the Swivelpole™ clears adjacent infrastructure to the side of, or behind, the guardrail.

To achieve the correct installation you must consider both the luminaire mounting configuration and the orientation of the Safe Swivel™ joint in relation to the guardrail.

The orientation of the Safe Swivel™ joint determines the path that the luminaire will follow as it is being lowered to the maintenance position.

Adjusting the orientation of the Safe Swivel™ joint in combination with the luminaire mount, allows flexibility in avoiding clash and obtaining the desired maintenance position.



Large luminaires parallel to guardrail

An orientation of 0° in relation to the guardrail avoids a potential clash with any infrastructure directly behind the Swivelpole™. This is the recommended orientation when luminaires are mounted parallel to the guardrail eg. LMK 2304.

Small luminaires perpendicular to guardrail

An orientation of 45° in relation to the guardrail (left or right) results in a maintenance position close to the guardrail with minimum obstruction to walkway. This is the recommended orientation when preventing clash with conveyors etc.

Large luminaires perpendicular to guardrail

An orientation of 90° in relation to the guardrail avoids clash with infrastructure to either the left or right side and behind the Swivelpole™. This is the recommended orientation when luminaires are mounted perpendicular to the guardrail eg. LMK 2301

To avoid adjacent obstructions

An orientation of 90° avoids clash with infrastructure to either the left or right side of the Swivelpole™. This is the recommended orientation for column or wall mounting.

TECHNICAL SPECIFICATIONS

STANDARD MATERIAL & FINISH

- Material:** • Structural Steel
Finish: • Hot-dip Galvanised (HG)

OTHER MATERIALS & FINISHES

- Stainless Steel (SS) grade 316
- Aluminium (AL)

Other commercially available finishes eg. powder coating can be supplied to suit specific applications and specifications.

DIMENSIONS

All dimensions are in imperial/metric (nominal) and may differ from published tables. **NPS** stands for nominal pipe size. **DN** stands for nominal size. **OD** stands for outside diameter.

MANUFACTURING STANDARDS

Country:	UNITED STATES	CANADA
Steel:	ASTM A36	G40.20-04/ G40.21-04 (R2009)
Welding:	AWS D1.1	W59-03 (R2008)
Galvanizing:	ASTM A123	CAN/CSA-G164

CERTIFICATION & CLASSIFICATION

Certification:	UNITED STATES	CANADA
Structural:	ANSI/AISC 360-05 ASCE/SEI 7-05	CSA S16-09 CSA S-37 NBC-05
Electrical:	3426-83 UL 1598	3426-03 CSA C22.2 No.250



All Swivelpole products in all available finishes are listed by CSA as Certified under Master Contract number 257018

DESIGN COMPLIANCE

The Swivelpole™ product range has been developed to meet the design criteria of a range of site conditions, including cyclonic winds, corrosive and hazardous environments.

For additional information on our products and product configurations to suit your design compliance needs, please contact us at info@swivelpole.com.

Site engineers are responsible for determining the relevant design criteria, including design wind speed and to select the appropriate products from the Swivelpole™ product range to meet this criteria.

MAXIMUM LUMINAIRE WEIGHT

Recommended: 44lbs (for one-person operation).

INFORMATION

SERVICE

From application review through to product recommendation, our network of sales and support staff are committed to assisting you every step of the way.

Email: info@swivelpole.com
sales@swivelpole.com

QUALITY ASSURANCE

All Swivelpole™ products are manufactured and/or assembled to comply with a prescribed QMS based on ISO 9001 world standards.

PATENT

The Swivelpole product range is protected by patents and registered designs worldwide including U.S. Patent No 6957832 and European Patent No 1226387, and can only be sold and/or manufactured under licence granted by Swivelpole Patent Pty Ltd. All rights reserved.

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WARRANTIES*

1. All equipment and goods are warranted by the Seller to be free from defects in material and workmanship for five (5) years from the date of shipment.

THIS WARRANTY DOES NOT APPLY TO EQUIPMENT OR GOODS WHICH ARE MISUSED, ABUSED OR DAMAGED FROM INSTALLATION, OR NOT USED IN ACCORDANCE WITH SELLER'S INSTRUCTIONS. NORMAL WEAR OF EQUIPMENT OR GOODS ARE NOT INCLUDED IN THIS WARRANTY.

No responsibility will be taken for any modifications, alterations or additions to the standard product design. This includes exceeding recommended maximum weights for any fittings or exceeding the installed height.

2. Equipment or goods not manufactured by the Seller but supplied through the Seller shall carry the warranty of the original manufacturer.

THE SELLER'S SOLE LIABILITY UNDER THIS WARRANTY SHALL BE LIMITED TO EITHER REPLACING OR REPAIRING WITHOUT CHARGE, AT ITS FACTORY OR ELSEWHERE AT ITS DISCRETION, ANY EQUIPMENT OR GOODS NOT MEETING THIS WARRANTY, OR AT SELLER'S OPTION, REFUNDING THE PURCHASE PRICE. THE SELLER SHALL IN NO EVENT BE LIABLE FOR ANY OTHER DIRECT OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND UNDER THIS CONTRACT OR OTHERWISE.

* subject to change without notice

DISCLAIMER

The adequacy of the guardrail and supporting structure must be verified by a site approved engineer. Swivelpole Group Pty Ltd will accept no responsibility for failure due to inadequacy of the supporting structure or guardrail to which the Swivelpole™ is mounted.

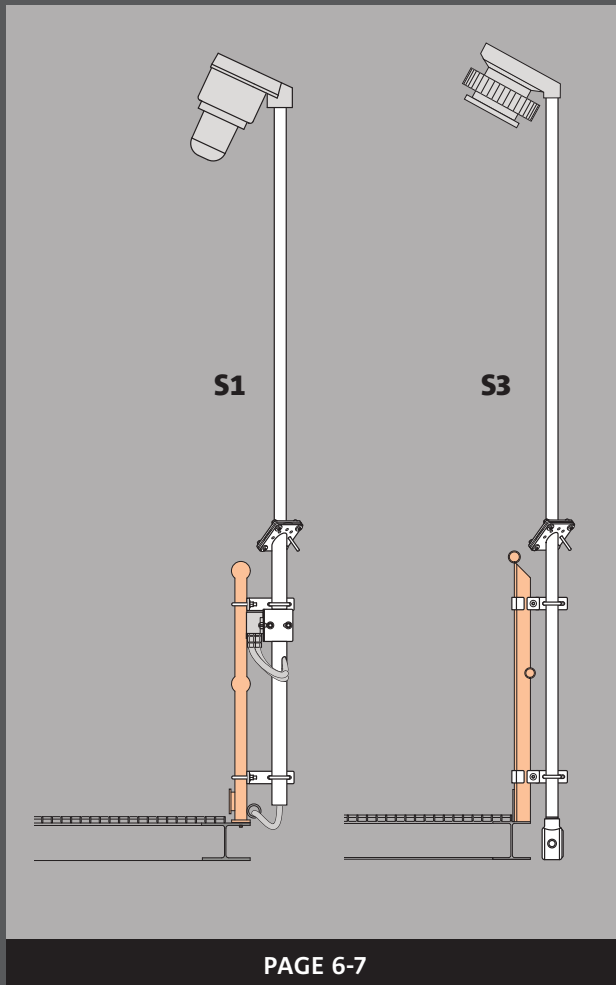
Swivelpole Product Catalogue NEC V2-4. Printed March 2014.

APPLICATIONS:

Walkway lighting, platforms, stairways, spiral stairways, conveyors

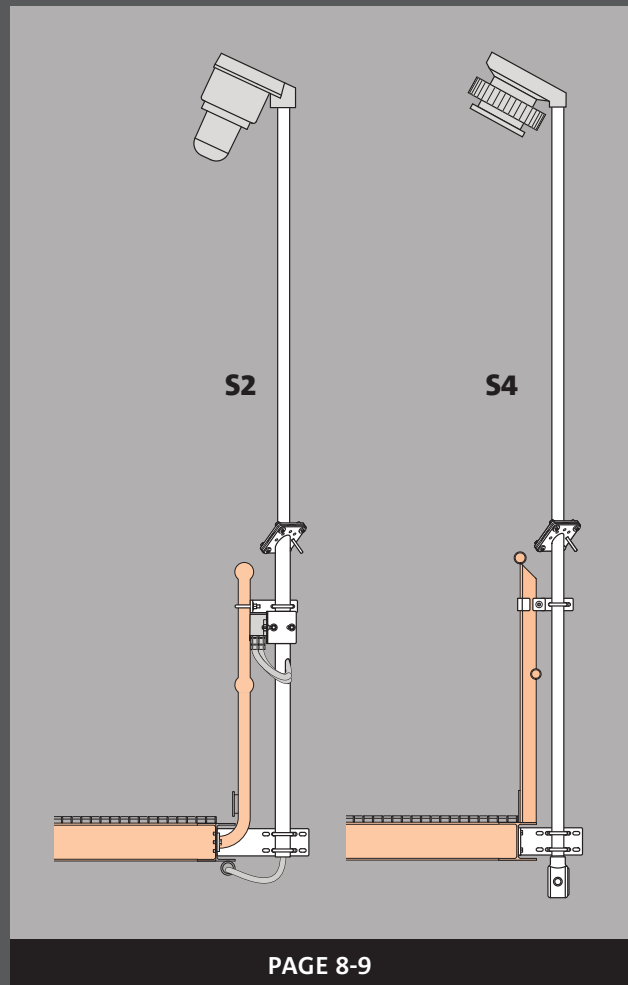
S Stanchion Mounted

- Stanchion mounting free of handrail
- Vertical installation on inclines such as conveyors



S Stanchion and Structure Mounted

- Combined stanchion and structure mounting for reduced vibration and longer lamp life



Mounting Kits



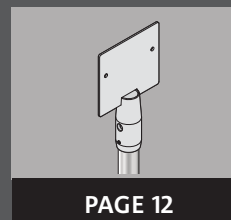
Junction Box Plates



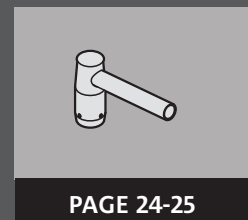
Security Cover



Multi-Purpose Mounts



Luminaire Mounts



APPLICATIONS:

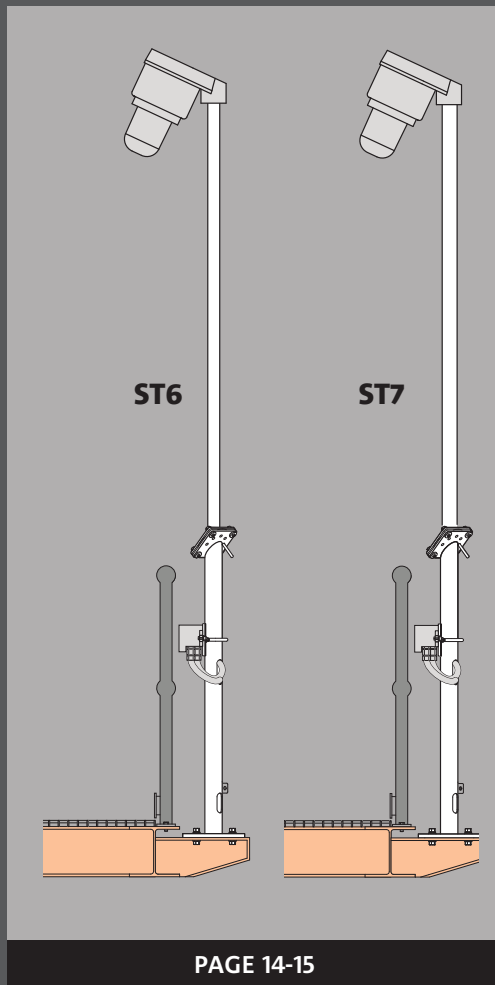
Walkway lighting, platforms,
stairways, spiral stairways, conveyors

Internal structures

Area and flood lighting

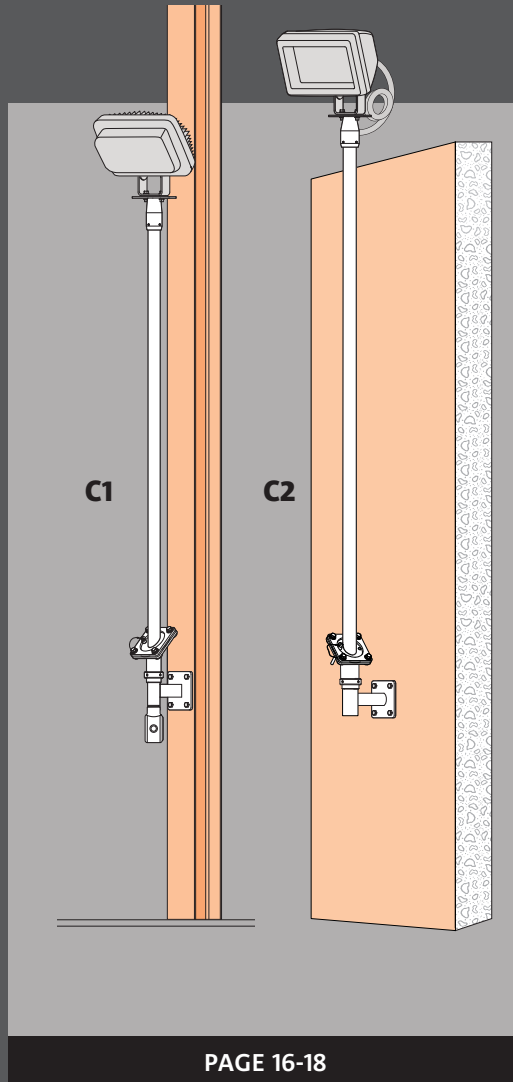
ST Structure Mounted

- Structure mounting independent of guardrail
- Reduced vibration and longer lamp life
- Suitable for floor mounting



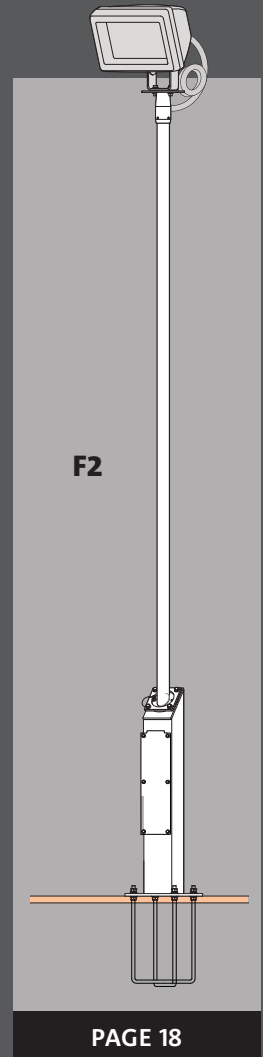
C Column/Wall Mounted

- Up to 13' (4000mm) installed heights



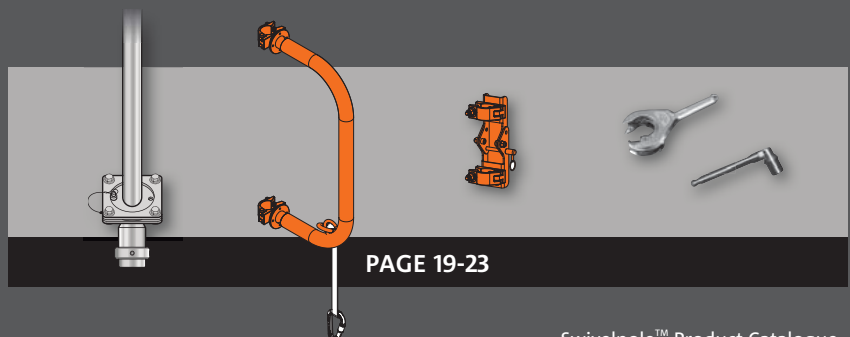
F Floor Mounted

- Up to 13' (4000mm) installed heights



R Retrofit System

- Conversions of non-lowering poles
- Renewing pole top utilizing existing pole base



Stanchion Mounted



Mounting Kits
PAGE 10-11



Junction Box Plates
PAGE 12



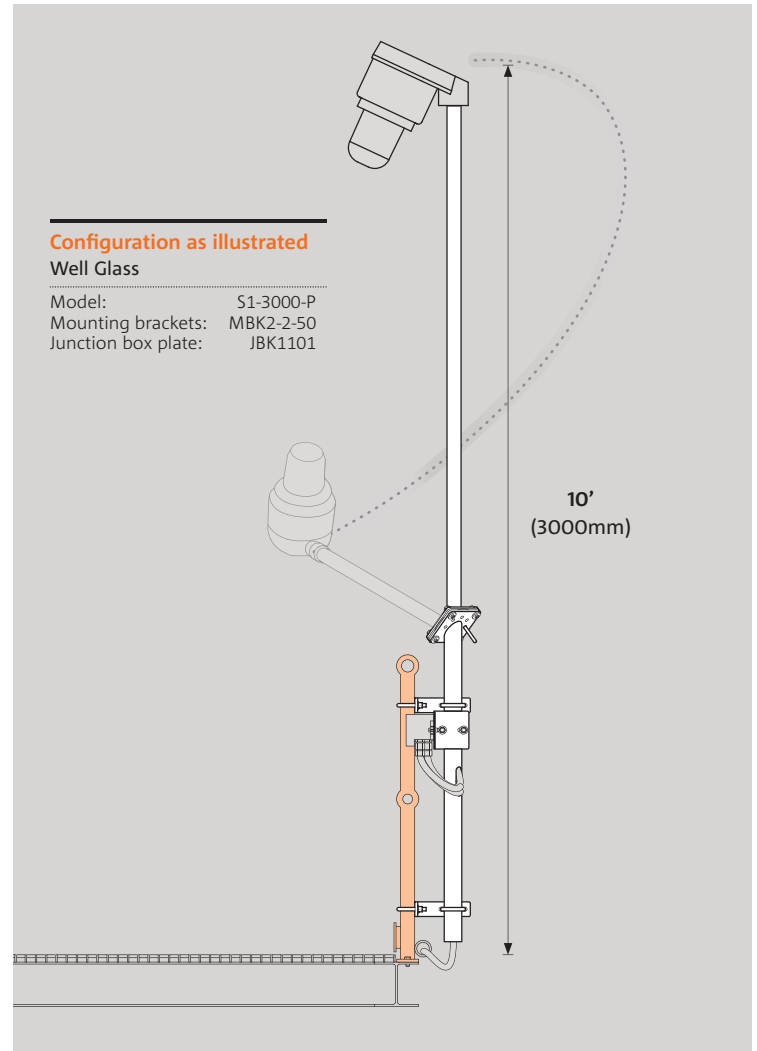
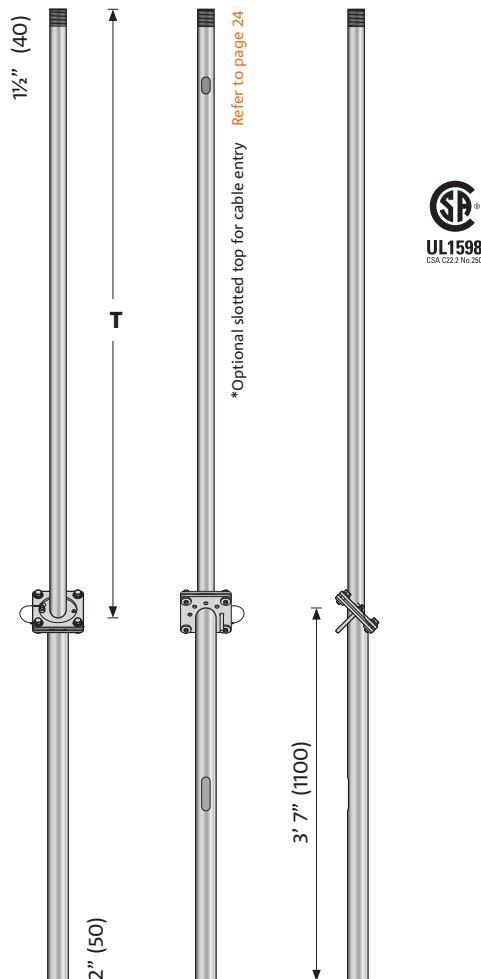
Luminaire Mounts
PAGE 24-25

Applications

- Ideal for area lighting along industrial walkways, platforms, stairways, spiral stairways

Features & Benefits

- NPS 2" base section
- Stanchion mounting direct to guardrail
- Slotted base section for raised junction box, allowing safe and efficient installation and termination
- Inclined brackets, allow vertical installation on inclines such as conveyors etc



Ordering Information

Installed Height	Base Section				Top Section				Top Section Options	Product Code
	NPS	DN	OD	Length	NPS	DN	OD	Length 'T'		
8' (2400)	2"	50	60.3	3' 7" (1100)	1 1/2"	40	48.3	3' 11" (1200)	Threaded	S1-2400-T
"	"	"	"	"	"	"	"	"	Plain, no slot	S1-2400-P
"	"	"	"	"	"	"	"	"	Plain, slot options	S1-2400-PS/PSF
10' (3000)	2"	50	60.3	3' 7" (1100)	1 1/2"	40	48.3	5' 11" (1800)	Threaded	S1-3000-T
"	"	"	"	"	"	"	"	"	Plain, no slot	S1-3000-P
"	"	"	"	"	"	"	"	"	Plain, slot options	S1-3000-PS/PSF

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Stanchion Mounted



Mounting Kits
PAGE 10-11



Junction Box Plates
PAGE 12



Luminaire Mounts
PAGE 24-25

Applications

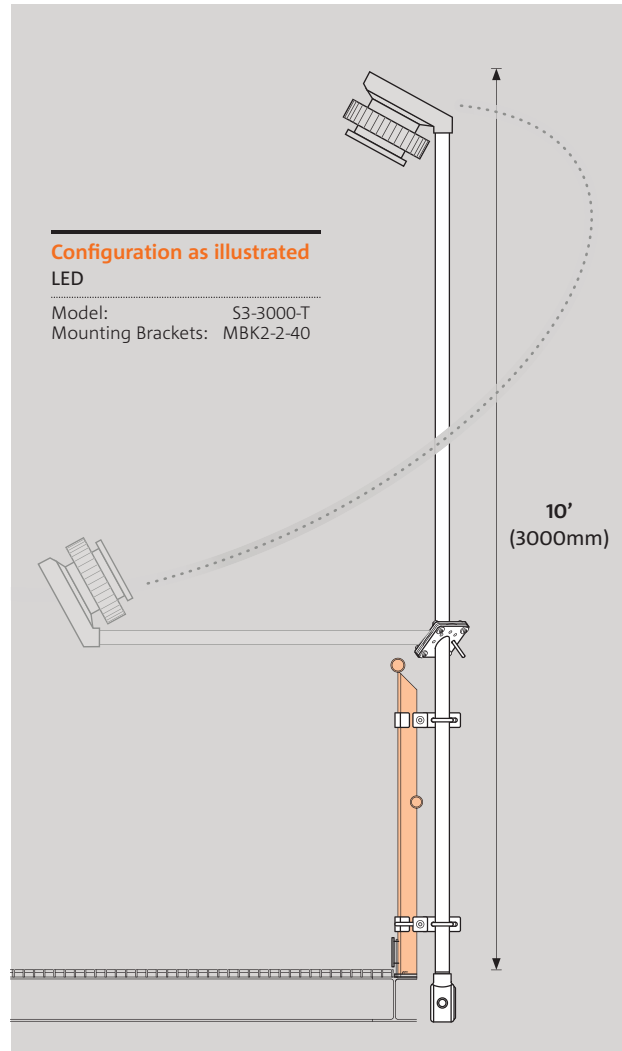
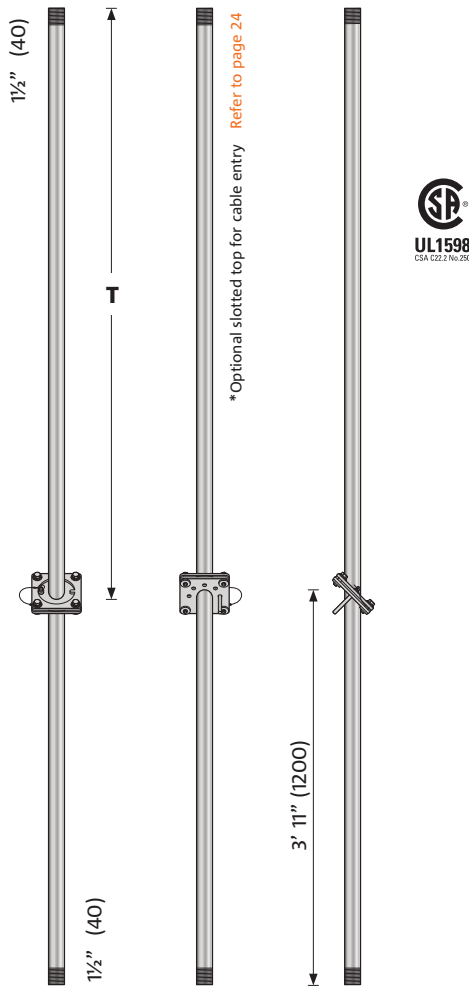
- Ideal for area lighting along industrial walkways, platforms, stairways, spiral stairways, roof tops

Features & Benefits

- NPS 1 1/2" base section
- Threaded ends for fully enclosed wiring methods
- Designed for installation in accordance with NEC standards

Standard Installed Lengths

- 8' (2400mm)
- 10' (3000mm)



Ordering Information

Installed Height	Base Section				Top Section				Product Code
	NPS	DN	OD	Length	NPS	DN	OD	Length 'T'	
8' (2400)	1 1/2"	40	48.3	3' 11" (1200)	1 1/2"	40	48.3	3' 11" (1200)	S3-2400-T
10' (3000)	1 1/2"	40	48.3	3' 11" (1200)	1 1/2"	40	48.3	5' 11" (1800)	S3-3000-T

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Stanchion & Structure Mounted



Mounting Kits
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Junction Box Plates
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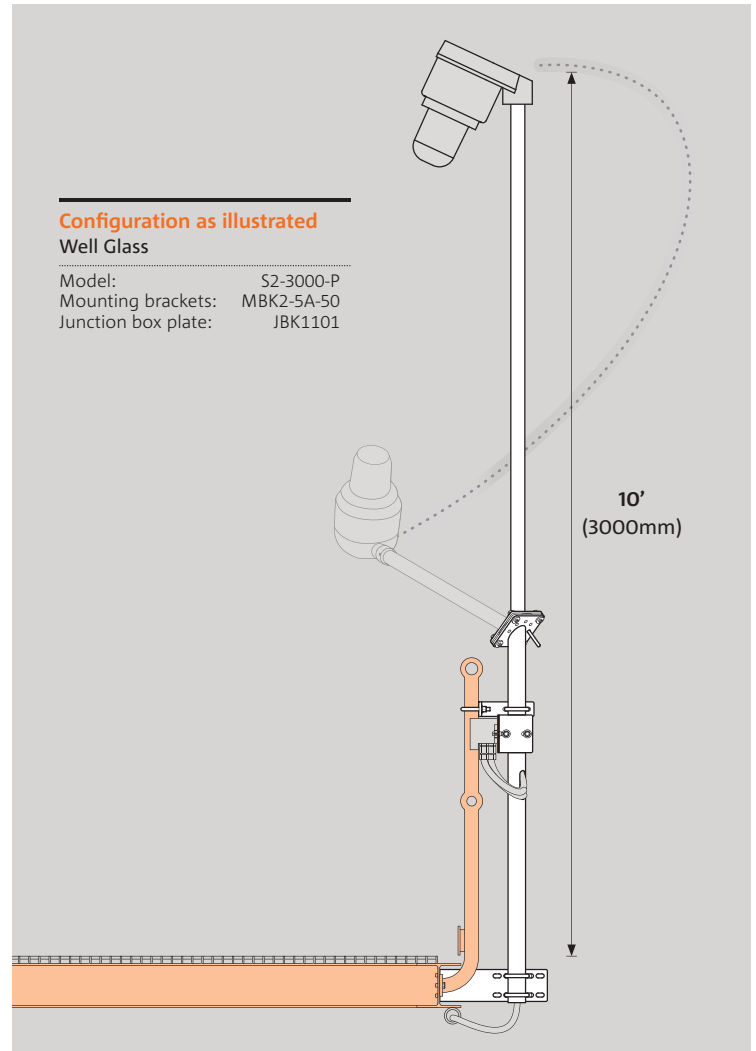
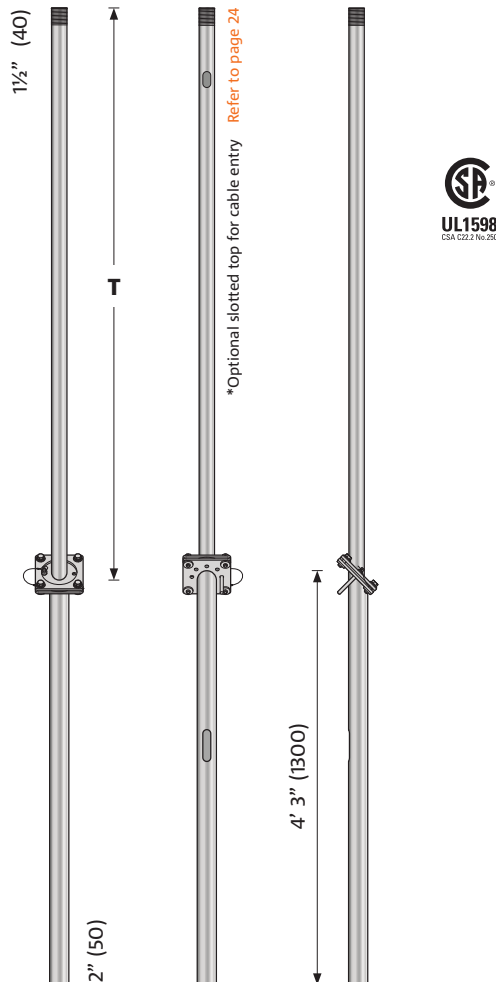
Luminaire Mounts
PAGE 24-25

Applications

- Ideal for area lighting along industrial walkways, platforms, stairways, spiral stairways
- For areas subject to vibration, such as conveyor walkways

Features & Benefits

- NPS 2" base section
- Combined stanchion and structure mounting resulting in reduced vibration and longer lamp life
- Slotted base section for raised junction box, allowing safe and efficient installation and termination



Ordering Information

Installed Height	Base Section				Top Section				Top Section Options	Product Code
	NPS	DN	OD	Length	NPS	DN	OD	Length 'T'		
8' (2400)	2"	50	60.3	4' 3" (1300)	1 1/2"	40	48.3	3' 11" (1200)	Threaded	S2-2400-T
"	"	"	"	"	"	"	"	"	Plain, no slot	S2-2400-P
"	"	"	"	"	"	"	"	"	Plain, slot options	S2-2400-PS/PSF
10' (3000)	2"	50	60.3	4' 3" (1300)	1 1/2"	40	48.3	5' 11" (1800)	Threaded	S2-3000-T
"	"	"	"	"	"	"	"	"	Plain, no slot	S2-3000-P
"	"	"	"	"	"	"	"	"	Plain, slot options	S2-3000-PS/PSF

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Stanchion & Structure Mounted



Mounting Kits
PAGE 10-11



Junction Box Plates
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Luminaire Mounts
PAGE 24-25

Applications

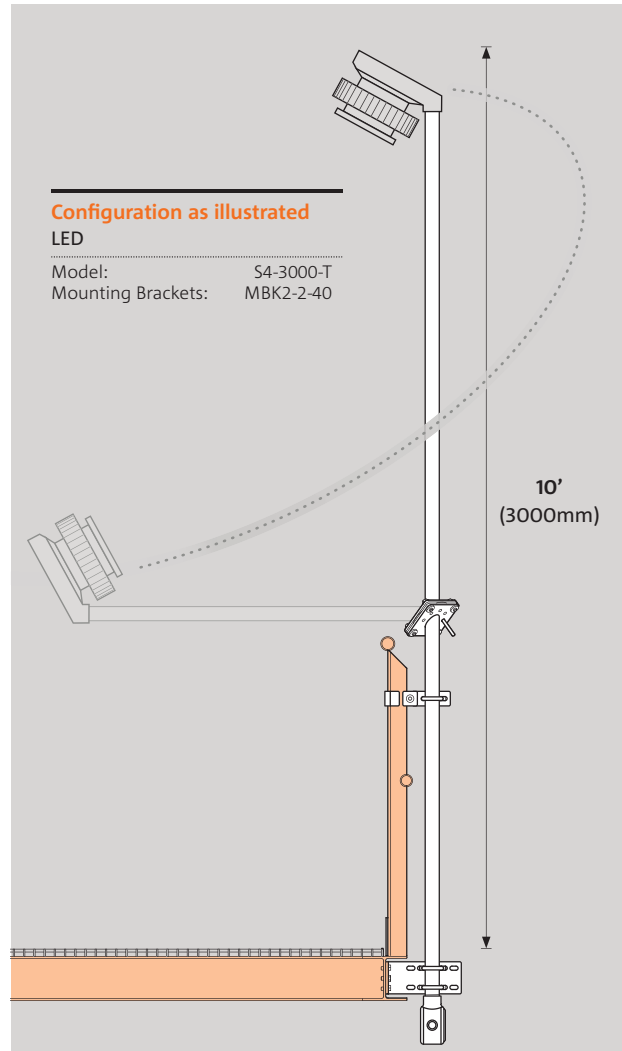
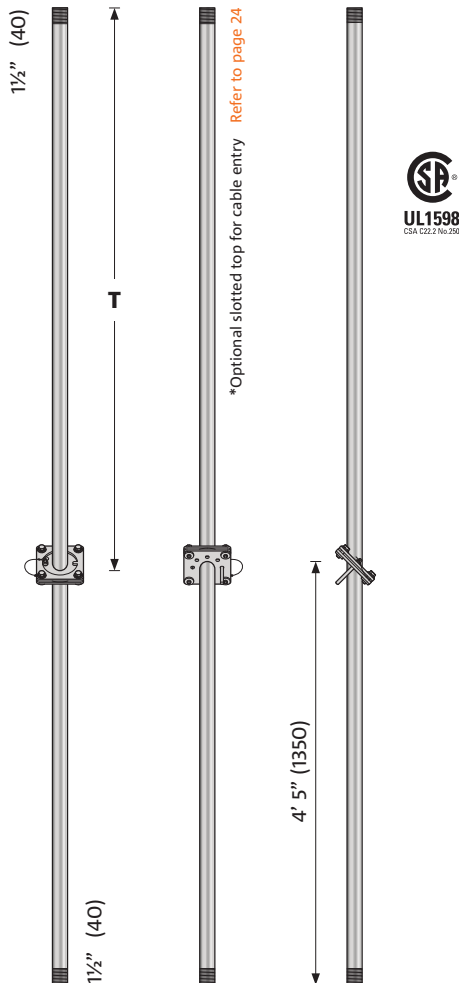
- Ideal for area lighting along industrial walkways, platforms, stairways, spiral stairways, roof tops

Features & Benefits

- NPS 1 1/2" base section
- Threaded ends for fully enclosed wiring methods
- Combined stanchion and structure mounting resulting in reduced vibration and longer lamp life
- Designed for installation in accordance with NEC standards

Standard Installed Lengths

- 8' (2400mm)
- 10' (3000mm)



Ordering Information

Installed Height	Base Section				Top Section				Product Code
	NPS	DN	OD	Length	NPS	DN	OD	Length 'T'	
8' (2400)	1 1/2"	40	48.3	4' 5" (1350)	1 1/2"	40	48.3	3' 11" (1200)	S4-2400-T
10' (3000)	1 1/2"	40	48.3	4' 5" (1350)	1 1/2"	40	48.3	5' 11" (1800)	S4-3000-T

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

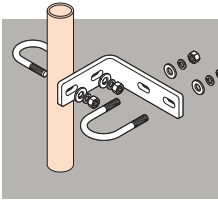
Mounting Kits

Simple installation

The Swivelpole™ versatile mounting kits allow adjustment in the orientation of the Safe Swivel™ joint mechanism.

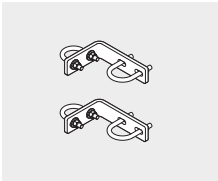
Adjusting the orientation of the Safe Swivel™ joint in combination with the luminaire mount, allows flexibility in avoiding clash and obtaining the desired maintenance position (*see page 2*).

S1 KITS Stanchion mounted



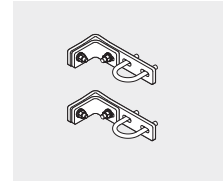
U-bolt to stanchion

MBK2-2-50



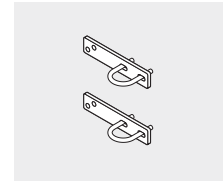
Clamp to stanchion

MBK6-6-50



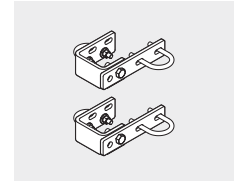
Bolt/Weld to stanchion

MBK1-1-50

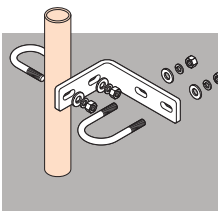


U-bolt to incline stanchion

MBK8-8-50

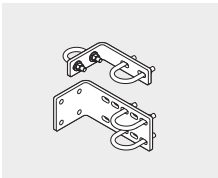


S2 KITS Stanchion & structure mounted



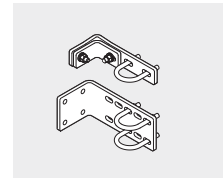
U-bolt to stanchion

MBK2-5-50



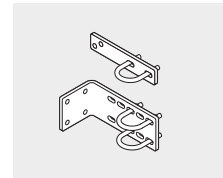
Clamp to stanchion

MBK6-5-50



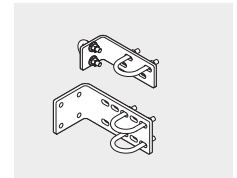
Bolt/Weld to stanchion

MBK1-5-50

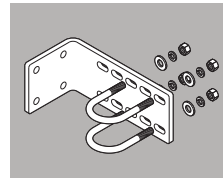


U-bolt to mid-rail

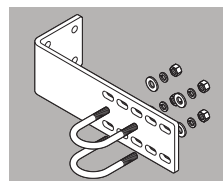
MBK7-5-50



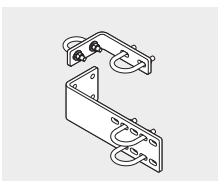
Bolt to Structure



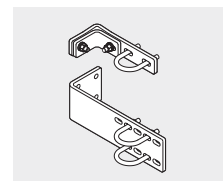
Bolt to Structure



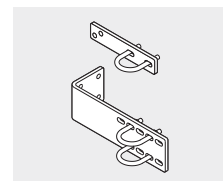
MBK2-5A-50



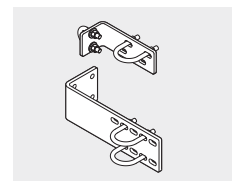
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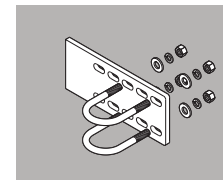
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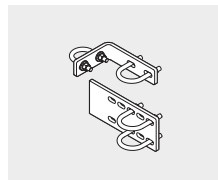
MBK7-5A-50



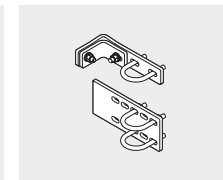
Weld to Structure



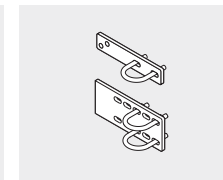
MBK2-4-50



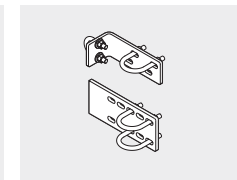
MBK6-4-50



MBK1-4-50



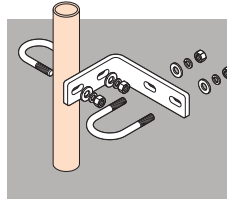
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Mounting Kits

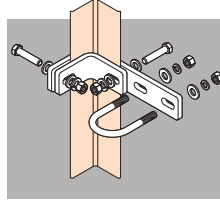
Simple installation

S3 KITS Stanchion mounted



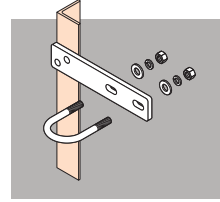
U-bolt to stanchion

MBK2-2-40



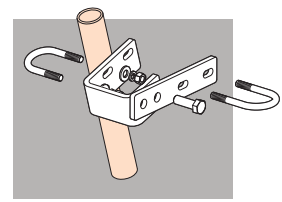
Clamp to stanchion

MBK6-6-40



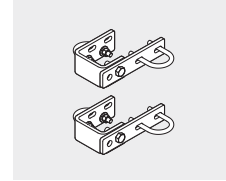
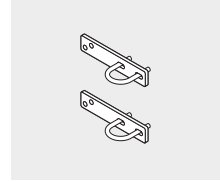
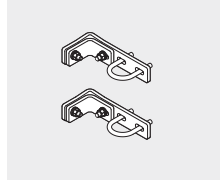
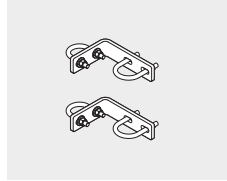
Bolt/Weld to stanchion

MBK1-1-40

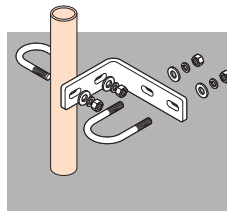


U-bolt to incline stanchion

MBK8-8-40

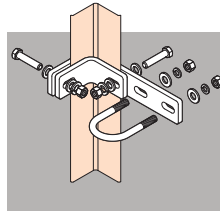


S4 KITS Stanchion & structure mounted



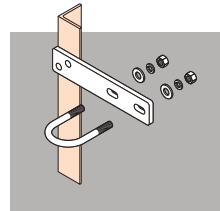
U-bolt to stanchion

MBK2-5-40



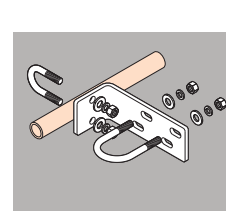
Clamp to stanchion

MBK6-5-40



Bolt/Weld to stanchion

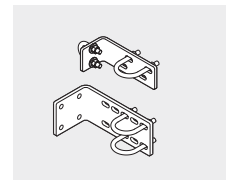
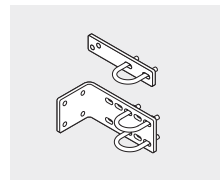
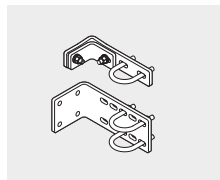
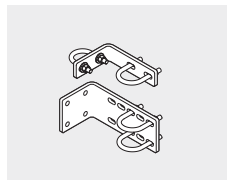
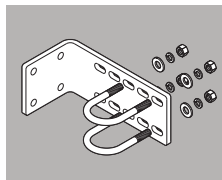
MBK1-5-40



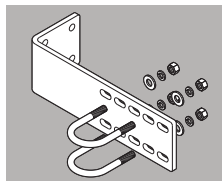
U-bolt to mid-rail

MBK7-5-40

Bolt to Structure



Bolt to Structure

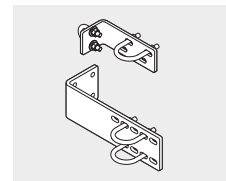
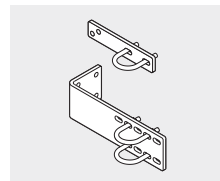
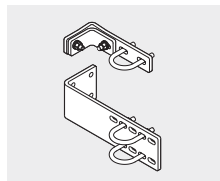
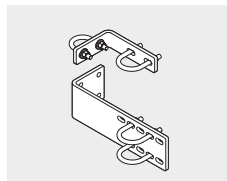


MBK2-5A-40

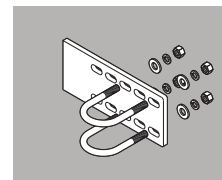
MBK6-5A-40

MBK1-5A-40

MBK7-5A-40



Weld to Structure

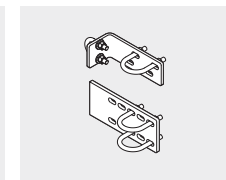
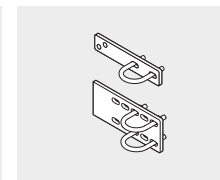
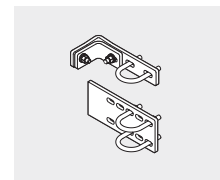
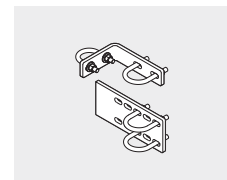


MBK2-4-40

MBK6-4-40

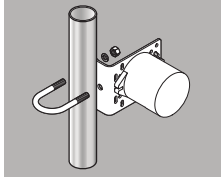
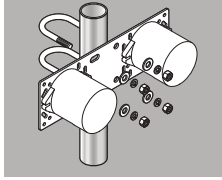
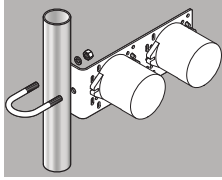
MBK1-4-40

MBK7-4-40



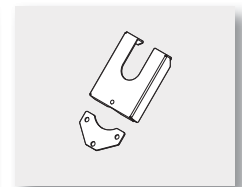
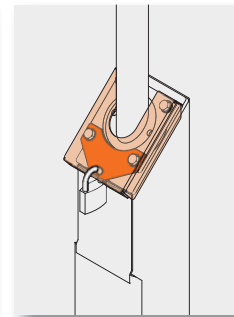
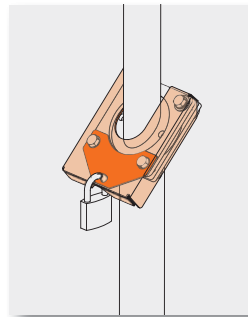
Junction Box Plates

Simple installation and termination

Ordering Information				
Suits models	U-bolt kit size	Offset mounted	Double, centre mounted	Double, offset mounted
S1, S2	NPS 2" (DN 50)	JBPK1101	JBPK1201	JBPK1301
"	"	JPBK 1100-UNI (blank)	—	—
ST6, ST7	NPS 2½" (DN 65)	JBPK1101-65	JBPK1201-65	JBPK1301-65
"	"	JPBK 1100-UNI-65 (blank)	—	—

Security Cover

- Optional security covers available
- For use in public spaces where tamper proofing is required
- One size fits all models



Ordering Information

SC-001-HG

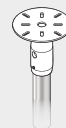
Multi-purpose Mounts

- Alarms
- Antennas
- CCTV
- Gas Detectors
- Sirens
- Signals
- Windsocks



MULTI-PURPOSE
BOLT-ON

¾" NPT
threaded cable
entry

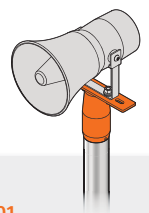


LMK6101
8.5 x 25mm slots
@ PCD 89mm
8.5 x 25mm slots
@ PCD 123mm

2 x ¾" NPT
threaded cable
entry



LMK6401
Ø 10mm @ 153mm ctrs.



LMK5101
12 x 28mm slot, centred
12 x 28mm slots
@ 94mm ctrs.
12 x 40mm slots
@ 174mm ctrs.



Officially certified to withstand the world's strongest winds

There's no pole stronger than a **Swivelpole™**. They've been put through rigorous independent engineering simulations and analysis, including wind tunnel testing, to prove they will withstand the harshest conditions and even cyclonic winds over 200mph.

In fact, **Swivelpole™** is built so tough, it will easily outlast the life of a typical project or plant.

That is why it's been the luminaire support solution of choice in some of the world's most remote and challenging locations since 1999.

Swivelpole™

Lowering Costs, Raising Standards

Swivelpole™

ST6

ST7

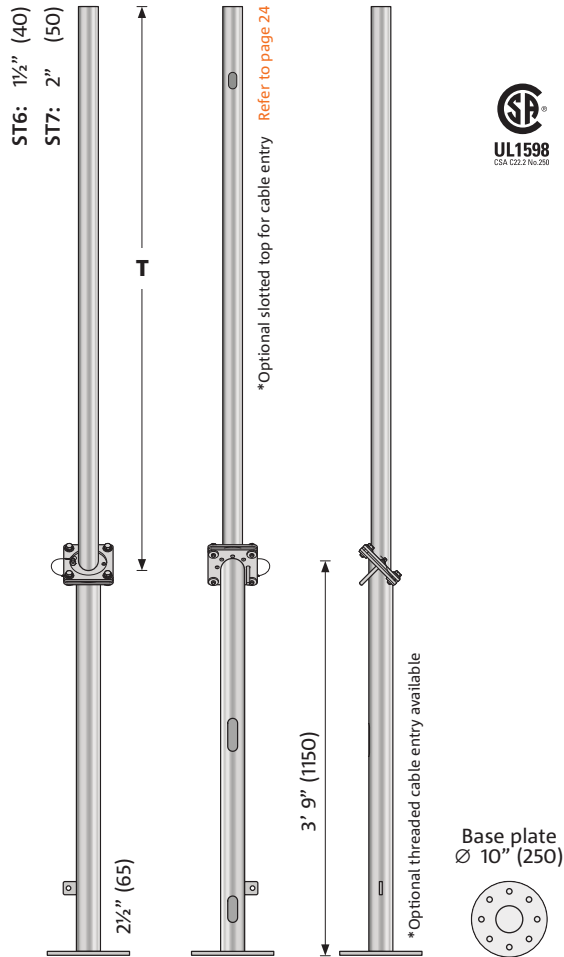
Structure Mounted
Independent of the Guardrail



Junction
Box Plates
PAGE 12



Luminaire
Mounts
PAGE 24-25

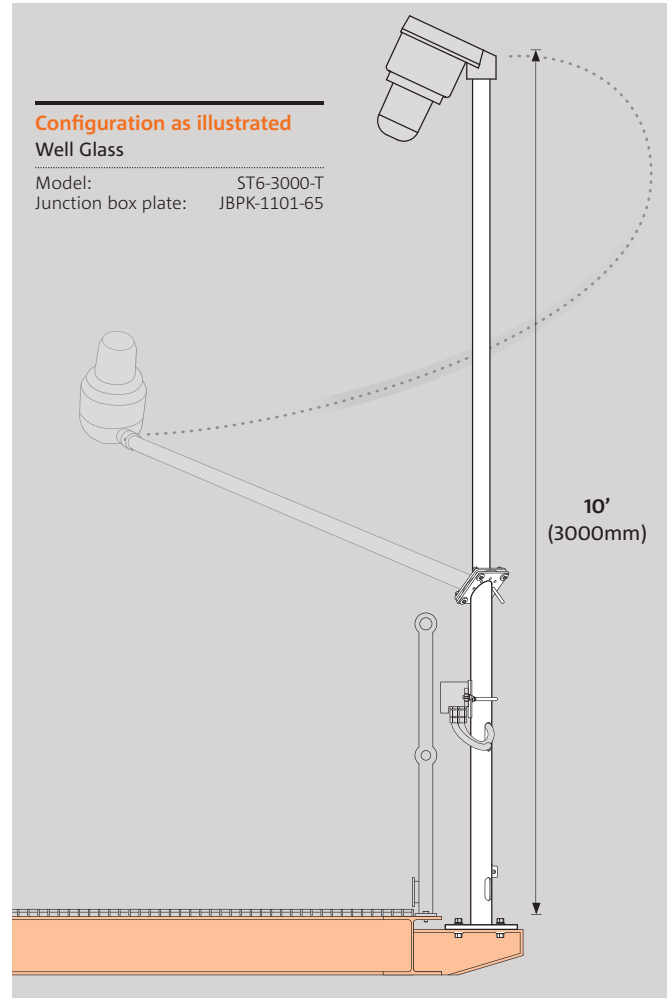


Applications

- Ideal for area lighting along industrial walkways, platforms, cooling towers
- Suitable for floor mounting

Features & Benefits

- NPS 2 1/2" base section for reduced vibration and longer lamp life
- ST6 - NPS 1 1/2" top section
- ST7 - NPS 2" top section for high wind regions
- Slotted base section for raised junction box
- Earth (ground) tab



Ordering Information

Installed Height	Base Section				Top Section				Top Section Options	Product Code
	NPS	DN	OD	Length	NPS	DN	OD	Length 'T'		
8' (2400)	2 1/2"	65	73	3' 9" (1150)	1 1/2"	40	48.3	3' 11" (1200)	Threaded	ST6-2400-T
"	"	"	"	"	"	"	"	"	Plain, no slot	ST6-2400-P
"	"	"	"	"	"	"	"	"	Plain, slot options	ST6-2400-PS/PSF
10' (3000)	2 1/2"	65	73	3' 9" (1150)	1 1/2"	40	48.3	5' 11" (1800)	Threaded	ST6-3000-T
"	"	"	"	"	"	"	"	"	Plain, no slot	ST6-3000-P
"	"	"	"	"	"	"	"	"	Plain, slot options	ST6-3000-PS/PSF
8' (2400)	2 1/2"	65	73	3' 9" (1150)	2"	50	60.3	3' 11" (1200)	Plain, no slot	ST7-2400-P
"	"	"	"	"	"	"	"	"	Plain, slot options	ST7-2400-PS/PSF
10' (3000)	2 1/2"	65	73	3' 9" (1150)	2"	50	60.3	5' 11" (1800)	Plain, no slot	ST7-3000-P
"	"	"	"	"	"	"	"	"	Plain, slot options	ST7-3000-PS/PSF

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

The Swivelpole™ doesn't need to rely on the guardrail

The Swivelpole™ ST series is mounted to the structure completely independent of the guardrail.

It keeps the guardrail free of obstructions and reduces vibration for longer lamp life.





Mount Swivelpole™ to an existing wall or column

The Swivelpole™ C series allows you to mount to a wall or column to a height of 13' (4000mm).

It features a sturdy right-angle bracket which simply bolts to an existing structure – and which can also include an integral junction box.

It's ideal for mounting luminaires both inside and outside of structures and sub-stations.

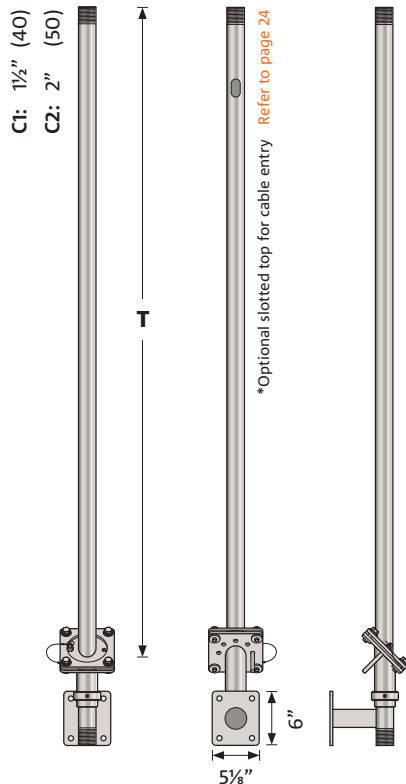
Column/Wall Mounted



Security Cover
PAGE 12



Luminaire Mounts
PAGE 24-25

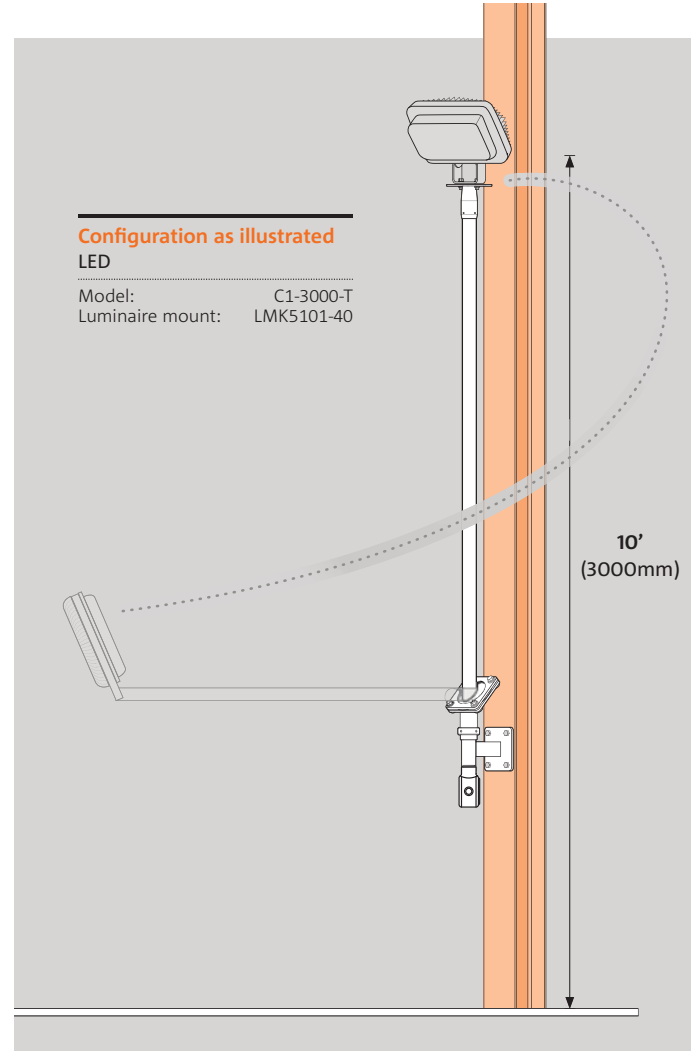


Applications

- Ideal for internal structure lighting, area lighting and sub-station walls

Features & Benefits

- Column or wall mounting
- C1: NPS 1½" for pole height to 10' (3000mm)
- C2: NPS 2" for pole height to 13' (4000mm)



Ordering Information

Installed Height	Base Section				Top Section				Top Section Options	Product Code
	NPS	DN	OD	Length	NPS	DN	OD	Length 'T'		
8' (2400)	—	—	—	—	1½"	40	48.3	3' 11" (1200)	Threaded	C1-2400-T
"	"	"	"	"	"	"	"	"	Plain, no slot	C1-2400-P
"	"	"	"	"	"	"	"	"	Plain, slot options	C1-2400-PS/PSF
10' (3000)	—	—	—	—	1½"	40	48.3	5' 11" (1800)	Threaded	C1-3000-T
"	"	"	"	"	"	"	"	"	Plain, no slot	C1-3000-P
"	"	"	"	"	"	"	"	"	Plain, slot options	C1-3000-PS/PSF
10' (3000)	—	—	—	—	2"	50	60.3	5' 11" (1800)	Plain, no slot	C2-3000-P
"	"	"	"	"	"	"	"	"	Plain, slot options	C2-3000-PS/PSF
13' (4000)	—	—	—	—	2"	50	60.3	9' 2" (2800)	Plain, no slot	C2-4000-P
"	"	"	"	"	"	"	"	"	Plain, slot options	C2-4000-PS/PSF

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Swivelpole™ F2

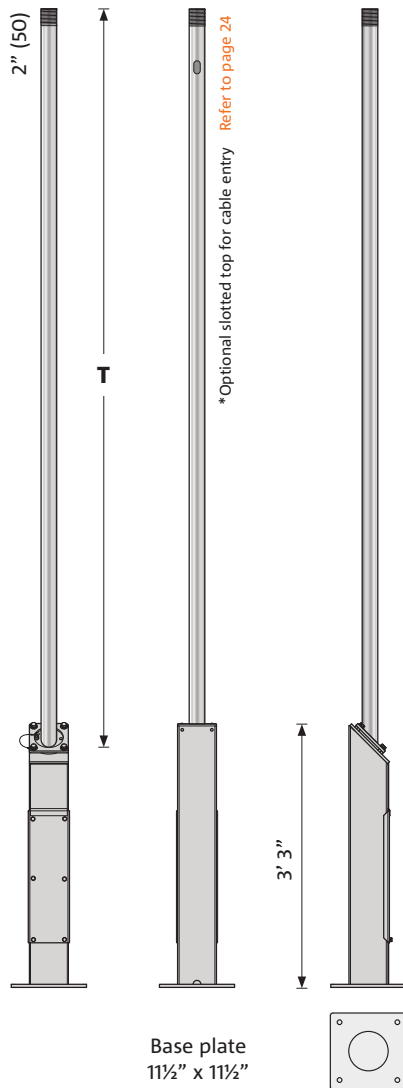
Floor Mounted



Security Cover
PAGE 12



Luminaire Mounts
PAGE 24-25

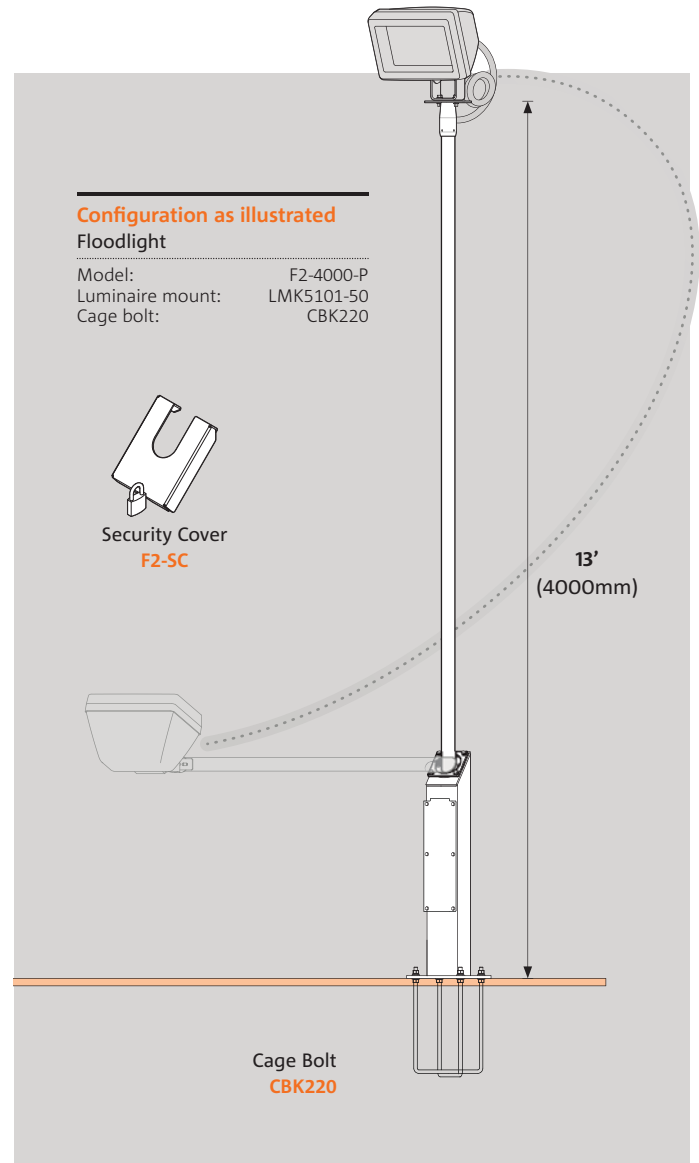


Applications

- Ideal for low level flood lighting on industrial platforms, cooling towers, switch yards, decks, laydown areas, car parks

Features & Benefits

- Floor mounting to 13' (4000mm)
- 3'3" square hollow section base
- Base access panel



Ordering Information

Installed Height	Base Section		Top Section					Product Code
	SHS	Length	NPS	DN	OD	Length 'T'	Top Section Options	
13' (4000)	6" x 6" (150 x 150)	3' 3" (1000)	2"	50	60.3	10' (3000)	Plain, no slot	F2-4000-P
"	"	"	"	"	"	"	Plain, slot options	F2-4000-PS/PSF

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Turn your costs around with the Swivelpole™ Retrofit System

On average, you can retrofit a non-lowering pole for under half the cost of changing a lamp using the traditional method *(from actual case studies)*.

Once fitted with a Swivelpole™ you can reduce your ongoing lighting maintenance costs by an average of **95%.**

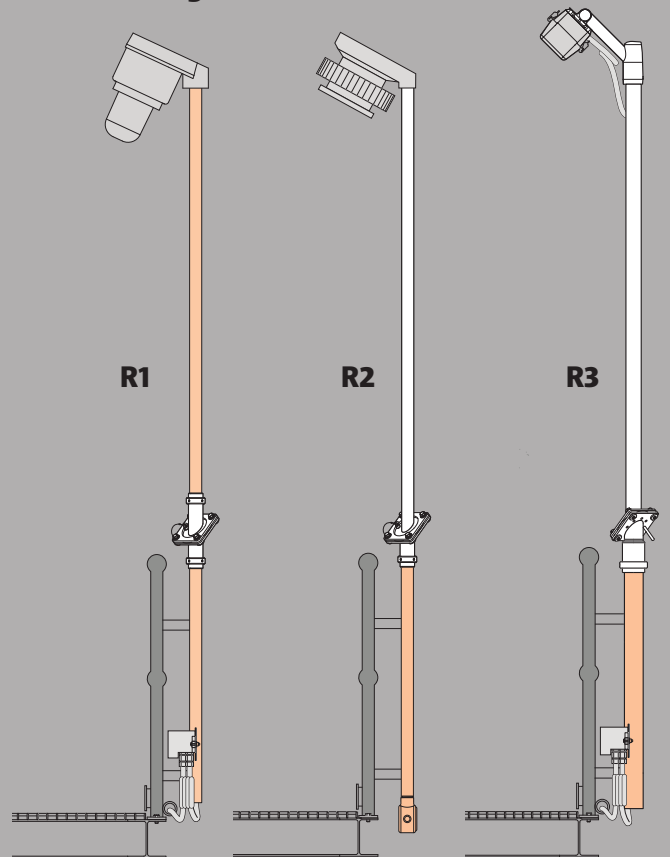


Applications

Allows replacement of faulty luminaires, upgrades to new lighting technology and replacement of corroded or oversized pole tops.

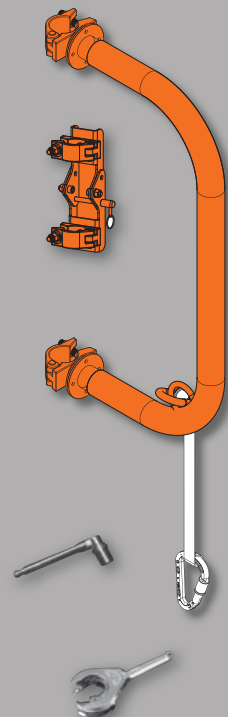
- Swivelpole™ R1 Conversion reusing existing pole
- Swivelpole™ R2, R3 Conversion renewing pole top while utilizing existing pole base

Retrofit Range



PAGE 21-23

Retrofit Assist Kit



PAGE 20

Retrofit Assist Kit

For safe and efficient conversion of non-lowering light poles.

Depending on the preferred disconnection method, there are two pole conversion tool kits available.

The **Swivelpole™** Retrofit Assist Pole Conversion Tool clamps to and safely supports the light pole, which is then cold cut with a Ratchet Pipe Cutter, eliminating the need for hot work permits.

The luminaire can then be safely lowered using the swivel mechanism where disconnection is performed at the t-fitting (Retrofit Assist Kit 1) or alternatively by using the Mid Hinge (Retrofit Assist Kit 2) which allows lowering the luminaire without the need to disconnect.

The **Swivelpole™** Retrofit – R1, R2 or R3 - then simply fastens onto the existing pole and the pole is ready for service.

All work takes place at platform level eliminating the risks of working at heights.

Tools recommended for installation of R1, R2 and R3 models

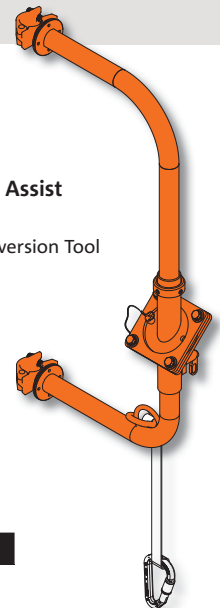
Retrofit Assist Kit 1*

For disconnection at junction box or T-fitting

Ordering Information					
To suit Pole Size			Retrofit Assist Kit 1	Includes Pole Conversion Tool	
NPS	DN	OD	Ordering Code	Product Code	
1¼"	32	42.4	RAK1-PCT-32	RA-PCT-32	
1½"	40	48.3	RAK1-PCT-40	RA-PCT-40	
2"	50	60.3	RAK1-PCT-50	RA-PCT-50	

Retrofit Assist Kit 1

Pole Conversion Tool
RA-PCT



Retrofit Assist Kit 2*

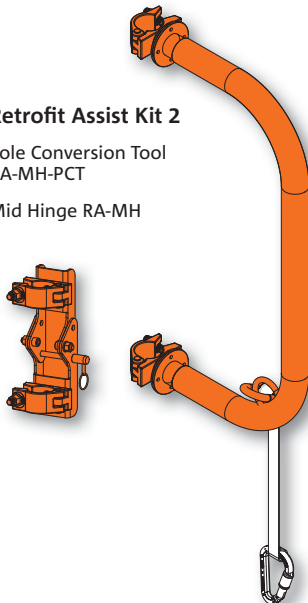
For disconnection at luminaire

Ordering Information					
To suit Pole Size			Retrofit Assist Kit 2	Includes Pole Conversion Tool	Includes Mid Hinge
NPS	DN	OD	Ordering Code	Product Code	Product Code
1¼"	32	42.4	RAK2-PCT-32	RA-MH-PCT-32	RA-MH-32
1½"	40	48.3	RAK2-PCT-40	RA-MH-PCT-40	RA-MH-40
2"	50	60.3	RAK2-PCT-50	RA-MH-PCT-50	RA-MH-50

Retrofit Assist Kit 2

Pole Conversion Tool
RA-MH-PCT

Mid Hinge RA-MH



* All Kits include	Product Code
1 x Riggers Bag	RA-RGB-01
1 x Ratchet Pipe Cutter	RA-RPC-01
3 x Spare blades	RA-RPC-01-SB
1 x Socket wrench	RA-SKWR



Retrofit Assist -Ratchet Pipe Cutter



Retrofit Assist - Socket Wrench

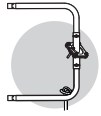
Retrofit Assist – Interchangeable Pole Clamps

Kits come with the pole clamp sizes as indicated in the ordering code. Other sizes can be ordered to accommodate different pipe sizes.

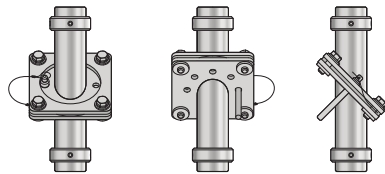
Ordering Information					
To suit Pole Size			Ordering Code		
NPS	DN	OD	Pole Conversion Tool	Mid Hinge	
1¼"	32	42.4	RA-IPC-32	MH-IPC-32	
1½"	40	48.3	RA-IPC-40	MH-IPC-40	
2"	50	60.3	RA-IPC-50	MH-IPC-50	

Note: Tools are available for conversion of PVC coated poles.

Conversion re-using existing pole



Retrofit Assist Kit
PAGE 20



Suits existing pole sizes
NPS 1½" and NPS 2"

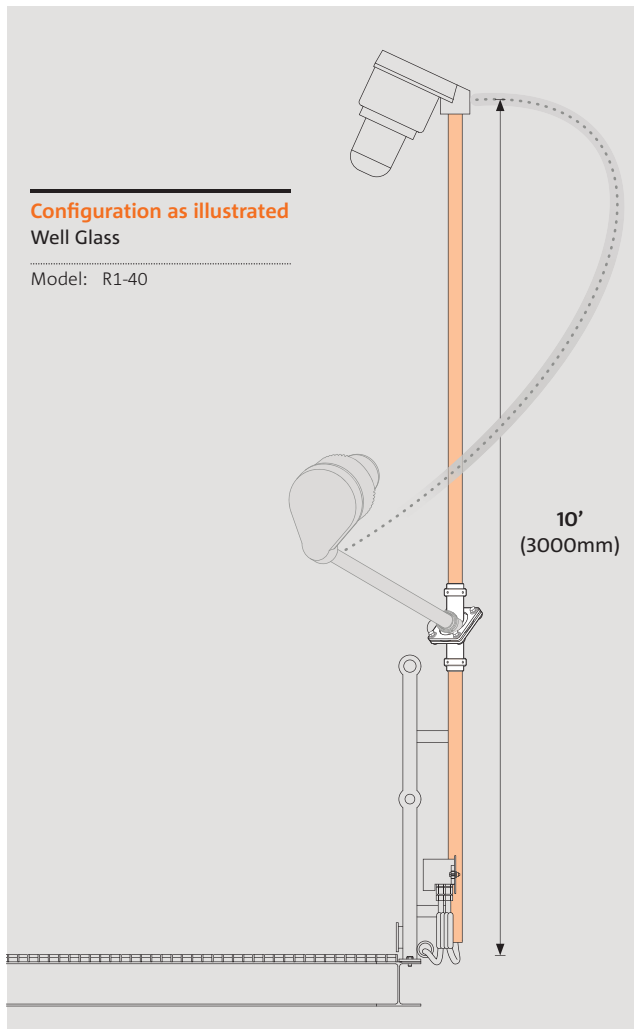


Applications

- To convert NPS 1½" and NPS 2" non-lowering poles to a Swivelpole™
- Allows replacement of faulty luminaires
- Allows the upgrade to new lighting design and technology

Features & Benefits

- Locking collars allow adjustment in orientation of the Safe Swivel™ joint to avoid clash with infrastructure
- Retrofit Assist system allows safe and efficient installation eliminating the need for hot work permits
- Conversion takes place at platform level eliminating the risks of working at heights



Ordering Information

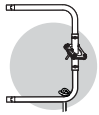
Installed Height	Base Section:			Top Section:			Product Code
	Suits existing pole size			Suits existing pole size			
	NPS	DN	OD	NPS	DN	OD	
10' (3000)	1¼"	32	42.2	1¼"	32	42.2	R1-32
"	1½"	40	48.3	1½"	40	48.3	R1-40
"	2"	50	60.3	2"	50	60.3	R1-50

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Note: Models available for PVC pole conversion. Inquiries to info@swivelpole.com

Swivelpole™ R2

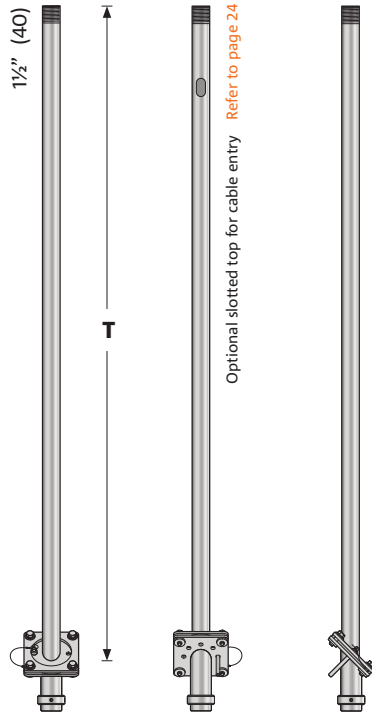
Renew pole top utilizing
existing pole base



Retrofit Assist Kit
PAGE 20



Luminaire Mounts
PAGE 24-25



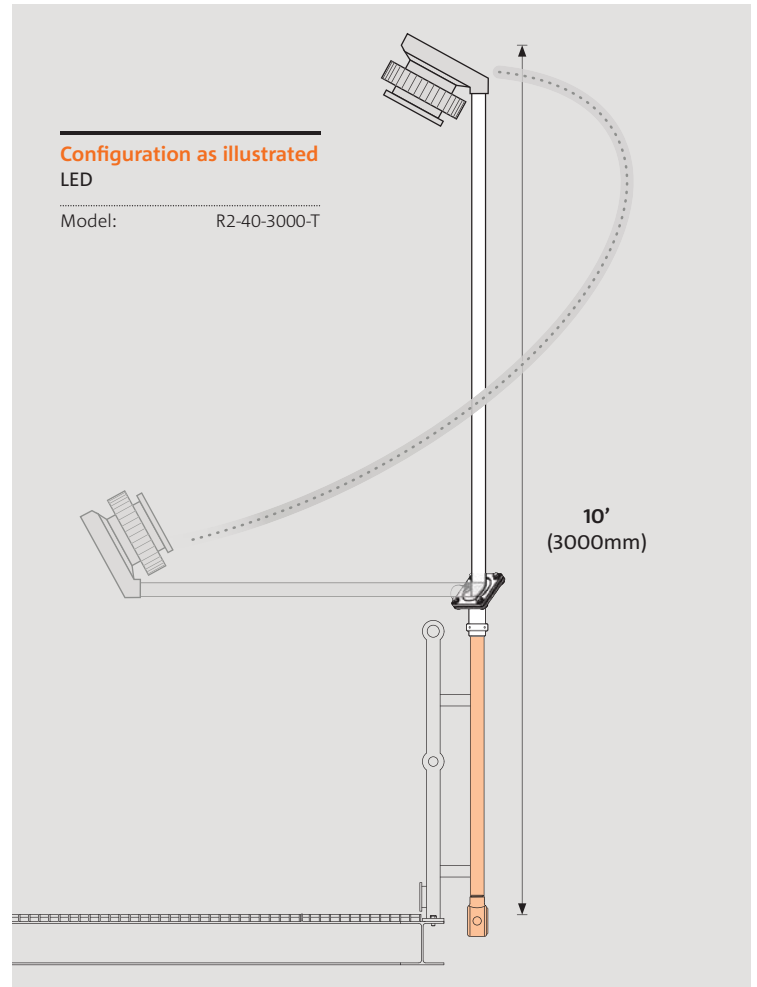
Suits existing pole sizes
NPS 1 1/4" to NPS 2"

Applications

- To convert NPS 1 1/4" to NPS 2" non-lowering poles to a Swivelpole™
- Allows replacement of faulty luminaires
- Allows the upgrade to new lighting design and technology
- Allows replacement of corroded or oversized pole tops

Features & Benefits

- Locking collars allow adjustment in orientation of the Safe Swivel™ joint to avoid clash with infrastructure



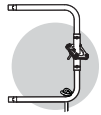
Ordering Information

Installed Height	Base Section: Suits existing pole size			Top Section			Length 'T'	Top Section Options	Product Code
	NPS	DN	OD	NPS	DN	OD			
8' (2400)	1 1/4"	32	42.2	1 1/2"	40	48.3	3' 11" (1200)	Threaded	R2-32-2400-T
"	"	"	"	"	"	"	"	Plain, no slot	R2-32-2400-P
"	"	"	"	"	"	"	"	Plain, slot options	R2-32-2400-PS/PSF
"	1 1/2"	40	48.3	1 1/2"	40	48.3	3' 11" (1200)	Threaded	R2-40-2400-T
"	"	"	"	"	"	"	"	Plain, no slot	R2-40-2400-P
"	"	"	"	"	"	"	"	Plain, slot options	R2-40-2400-PS/PSF
"	2"	50	60.3	1 1/2"	40	48.3	3' 11" (1200)	Threaded	R2-50-2400-T
"	"	"	"	"	"	"	"	Plain, no slot	R2-50-2400-P
"	"	"	"	"	"	"	"	Plain, slot options	R2-50-2400-PS/PSF
10' (3000)	1 1/4"	32	42.2	1 1/2"	40	48.3	5' 11" (1800)	Threaded	R2-32-3000-T
"	"	"	"	"	"	"	"	Plain, no slot	R2-32-3000-P
"	"	"	"	"	"	"	"	Plain, slot options	R2-32-3000-PS/PSF
"	1 1/2"	40	48.3	1 1/2"	40	48.3	5' 11" (1800)	Threaded	R2-40-3000-T
"	"	"	"	"	"	"	"	Plain, no slot	R2-40-3000-P
"	"	"	"	"	"	"	"	Plain, slot options	R2-40-3000-PS/PSF
"	2"	50	60.3	1 1/2"	40	48.3	5' 11" (1800)	Threaded	R2-50-3000-T
"	"	"	"	"	"	"	"	Plain, no slot	R2-50-3000-P
"	"	"	"	"	"	"	"	Plain, slot options	R2-50-3000-PS/PSF

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Swivelpole™ R3

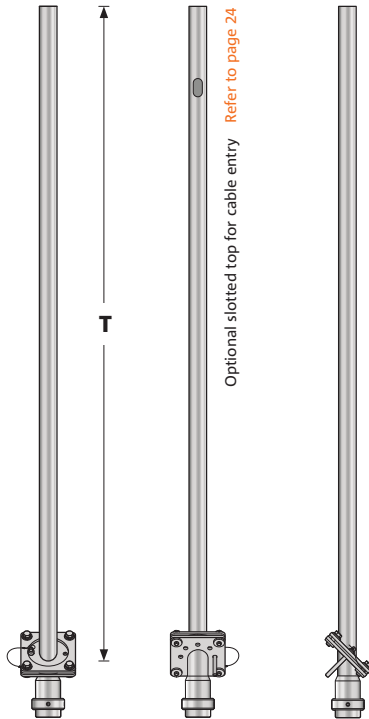
Renew pole top utilizing existing pole base



Retrofit Assist Kit
PAGE 20



Luminaire Mounts
PAGE 24-25



Optional slotted top for cable entry
Refer to page 24

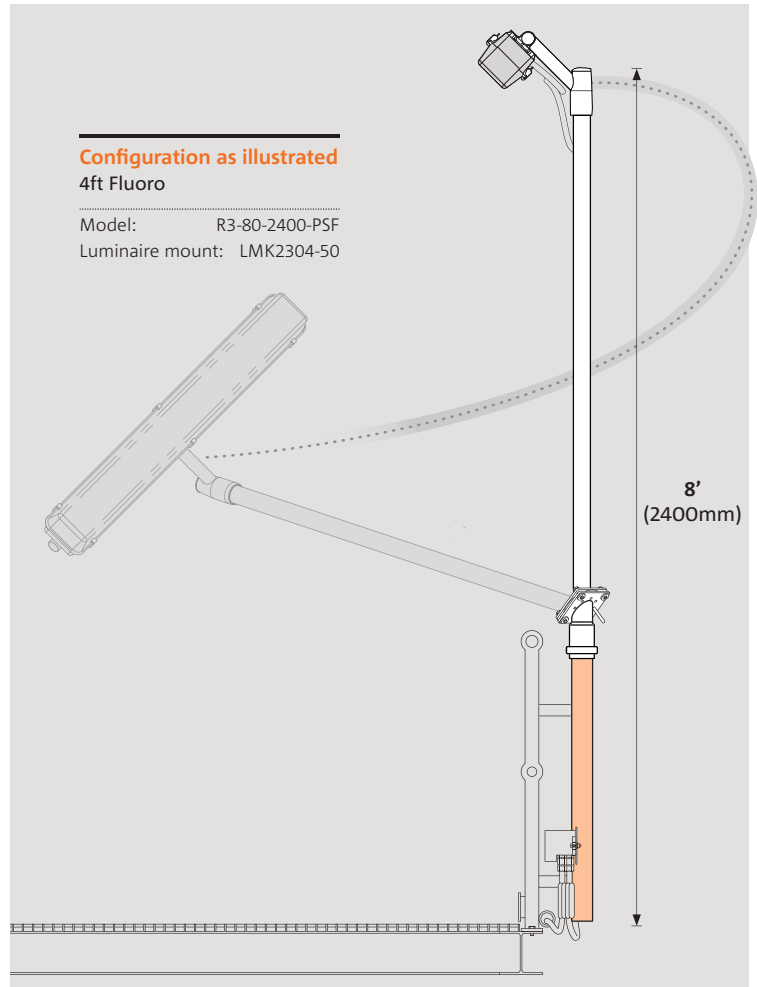
Suits existing pole sizes
NPS 2½" and NPS 3"

Applications

- To convert NPS 2½" and NPS 3" non-lowering poles to a Swivelpole™
- Allows replacement of faulty luminaires
- Allows the upgrade to new lighting design and technology
- Allows replacement of corroded or oversized pole tops

Features & Benefits

- Locking collars allow adjustment in orientation of the Safe Swivel™ joint to avoid clash with infrastructure



Ordering Information

Installed Height	Base Section: Suits existing pole size			Top Section				Top Section Options	Product Code
	NPS	DN	OD	NPS	DN	OD	Length 'T'		
8' (2400)	2½"	65	76.0	2"	50	60.3	3' 11" (1200)	Plain, no slot	R3-65-2400-P
"	"	"	"	"	"	"	"	Plain, slot options	R3-65-2400-PS/PSF
"	3"	80	89.0	2"	50	60.3	3' 11" (1200)	Plain, no slot	R3-80-2400-P
"	"	"	"	"	"	"	"	Plain, slot options	R3-80-2400-PS/PSF
10' (3000)	2½"	65	76.0	2"	50	60.3	5' 11" (1800)	Plain, no slot	R3-65-3000-P
"	"	"	"	"	"	"	"	Plain, slot options	R3-65-3000-PS/PSF
"	3"	80	89.0	2"	50	60.3	5' 11" (1800)	Plain, no slot	R3-80-3000-P
"	"	"	"	"	"	"	"	Plain, slot options	R3-80-3000-PS/PSF

NPS nominal pipe size DN nominal size OD outside diameter All dimensions are in imperial/metric (nominal) and may differ from published table

Luminaire Mounts

To suit all models

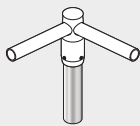


FLUORESCENT, LED END ENTRY



LMK1101
8" (200mm) spigots
1" (DN25) (OD 33.7mm)

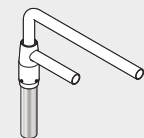
LMK2101
8" (200mm) spigot
1 1/4" (DN32) (OD 42.4mm)



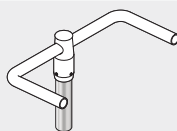
LMK1201
8" (200mm) spigots
90° offset
1" (DN25) (OD 33.7mm)

LMK1202
8" (200mm) spigots
120° offset
1" (DN25) (OD 33.7mm)

LMK1203
8" (200mm) spigots
180° offset
1" (DN25) (OD 33.7mm)



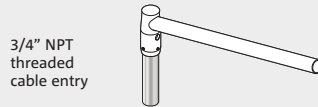
LMK1204
170/432mm spigots
1" (DN25) (OD 33.7mm)



LMK1205
8" (200mm) spigots
1" (DN25) (OD 33.7mm)

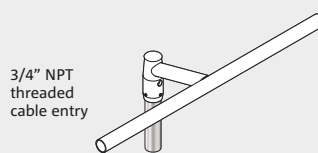


FLUORESCENT CLAMP-ON

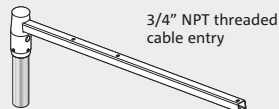


LMK2301*
4' (1200mm) chs boom
1 1/4" (DN32) (OD42.4mm)

LMK2302
2'3" (700mm) chs boom
1 1/4" (DN32) (OD42.4mm)



LMK2304
3' (920mm) chs cross-arm
1 1/4" (DN32) (OD42.4mm)



LMK3301*
Ø 10.5mm @ 705mm ctrs.
Ø 10.5mm @ 548mm ctrs.
3' 3" (1000mm) shs boom
(30 x 30 x 2mm)

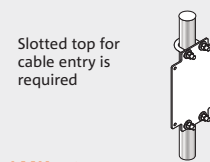
LMK3304*
Ø 10.5mm @ 548mm ctrs.
Ø 10.5mm @ 700mm ctrs.
Ø 10.5mm @ 800mm ctrs.
4' 3" (1300mm) shs boom
(30 x 30 x 2mm)

LMK3305*
Ø 10.5mm @ 400mm ctrs.
Ø 10.5mm @ 500mm ctrs.
2' 5" (750mm) shs boom
(30 x 30 x 2mm)

* 25lbs recommended maximum luminaire weight (for one-man operation):
LMK2301 / 3301 / 3304 / 3305



BULKHEAD BOLT-ON



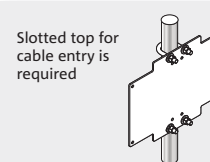
LMK4101
Ø 10.5mm @ 290 x 150mm

LMK4102
Ø 9.0mm @ 168 x 205mm

LMK4103
Ø 11.0mm @ 200 x 180mm

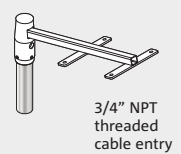
LMK4104
Ø 7.0mm @ 200 x 142mm

LMK4105
Ø 10.0mm @ 420 x 160mm



LMK4201
Ø 10.5mm @ 290 x 150mm

LMK4202
Ø 9.0mm @ 168 x 205mm



LMK4301
Ø 10.5mm @ 290 x 150mm

LMK4302
Ø 10.5mm @ 200 x 180mm

LMK4303
Ø 10.5mm @ 168 x 204mm

LMK4304
Ø 10.5mm @ 420 x 160mm

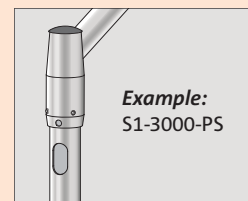


LMK4401
Ø 9.0mm @ 204 x 168mm

LMK4402
Ø 10.0mm @ 290 x 150mm

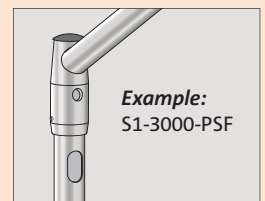
LMK4403
Ø 9.0mm @ 168 x 204mm

Swivelpole™ Top Section Options



Example:
S1-3000-PS

Product Code – PS
Slot to Back

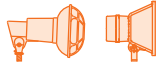


Example:
S1-3000-PSF

Product Code – PSF
Slot to Front

Luminaire Mounts

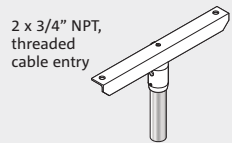
To suit all models



FLOODLIGHT BOLT-ON / SCREW-IN



LMK5101
12 x 28mm slot, centred
12 x 28mm slots
@ 94mm ctrs.
12 x 40mm slots
@ 174mm ctrs.



LMK5201
Ø 12mm, centre thread
Ø 18mm @ 480mm ctrs.



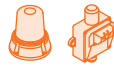
LMK5301
3/4" opposing threads



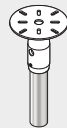
LMK5302
1" threaded top



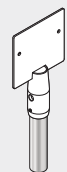
LMK5401
41.3 x 22.2 x 480mm
unistrut



MULTI-PURPOSE BOLT-ON



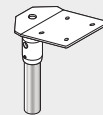
LMK6101
8.5 x 25mm slots
@ PCD 89mm
8.5 x 25mm slots
@ PCD 123mm



LMK6401
Ø 10mm @ 153mm ctrs.



WELL-GLASS BOLT-ON / SCREW-ON



LMK7101
10 x 15mm slots
@ 112 x 112mm



LMK7301
1 1/2" BSP threaded top



LMK7302
1 1/2" NPT threaded top

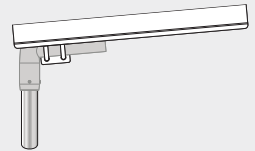


LMK7303
1 1/4" BSP threaded top

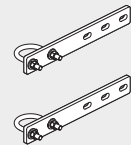


LMK7304
1 1/4" NPT threaded top

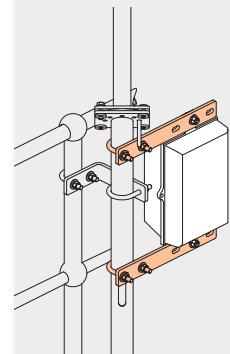
ACCESSORIES



LMK8001
Suncover



LMK8011
Mounting bracket to suit
extra equipment.



Mounted to Swivelpole™
base for:

- External lighting ballast
- Instrument and control panels



LMK8401
Adaptor designed to
expand a 1 1/2" (DN 40)
Swivelpole™ top section
to suit a 2" (DN 50)
'slip-on' luminaire.

Join industry leaders worldwide and specify **Swivelpole™**

Oil & Gas | Mining & Metal | Power Generation
Heavy Engineering | Water & Waste | Infrastructure

Design Firms

ABB	KBR
Aker	KJV
AMEC	Lycopodium
Aurecon	Minerva
Ausenco	Mustang Engineering
Bechtel	Onyx
Black & Veatch	Saipem
Calibre	Sedgman
CBI	Shaw Group
Fluor	Sinclair Knight Merz
Foster Wheeler	SNC Lavalin
Fyfe	Technip
Hatch Group	Udhe Shedden
Jacobs Engineering	Worley Parsons

End Users

Alcoa	Marathon Oil
Apache	MEG Energy
BHP Billiton	Mosaic
BP	Neptune Terminals
Caltex	Nickel West
Canexus	Orica
Cenovus Energy	Origin Energy
Chevron	Osum
Clough	Potash Corp
Conoco Philips	Rio Tinto
CSBP	Sandvik
Dow Chemical	Sasol
Exxon Mobil	Shell
FMG	Suncor
Highland Valley Copper	Syncrude
Imperial Oil	Woodside
Incitec Pivot	Xstrata
Lafarge	

Industry proven since 1999



Image courtesy of Woodside

Lowering Costs, Raising Standards

swivelpole.com

INTERNATIONALLY PATENTED



Swivelpole™

Swivelpole Product Catalogue NEC V2.4, Printed March 2004.