

# ACCESS MADE EASY.

## Swivelpole™

LOWERING POLE SOLUTIONS

CATALOGUE 2021

GLOBAL

### Swivelpole™ incorporating Maxis™

The Next Generation Lowering Pole Solution

Structurally Certified Products

20 YEARS OF  
INNOVATION



\$ MILLIONS  
SAVED

Trusted by  
ASX & Fortune  
500 Companies



SWIVELPOLE.COM



# maxis<sup>o</sup>

Next generation lowering pole solution for safely accessing light fixtures and equipment.

**Structurally certified heavy duty products.**

## Discover more

- ROI calculator
- Videos
- Product drawings
- CAD data

[swivelpole.com/maxis](https://swivelpole.com/maxis)



Scan Code with QR Reader App for more information.

# SOLUTIONS FOR ALL APPLICATIONS

## Swivelpole<sup>TM</sup>

Safely access any fixtures in seconds for fast and affordable inspection, maintenance and upgrades



Lighting



CCTV



Sirens & Alarms



Networking



Instruments & more

## GREENFIELDS

### Page 5

Heavy Duty lowering pole with optional accessories such as mounting brackets, luminaire mounts and junction box plates. NEW structurally certified aluminium pole.



## BROWNFIELDS

### Page 7

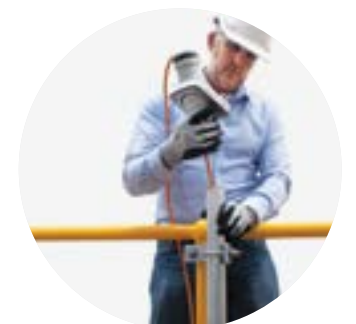
Convert rigid poles to lowering poles by installing a Maxis<sup>TM</sup> joint using the ingenious pole conversion tool kit.



## ACCESSORIES

### Page 10

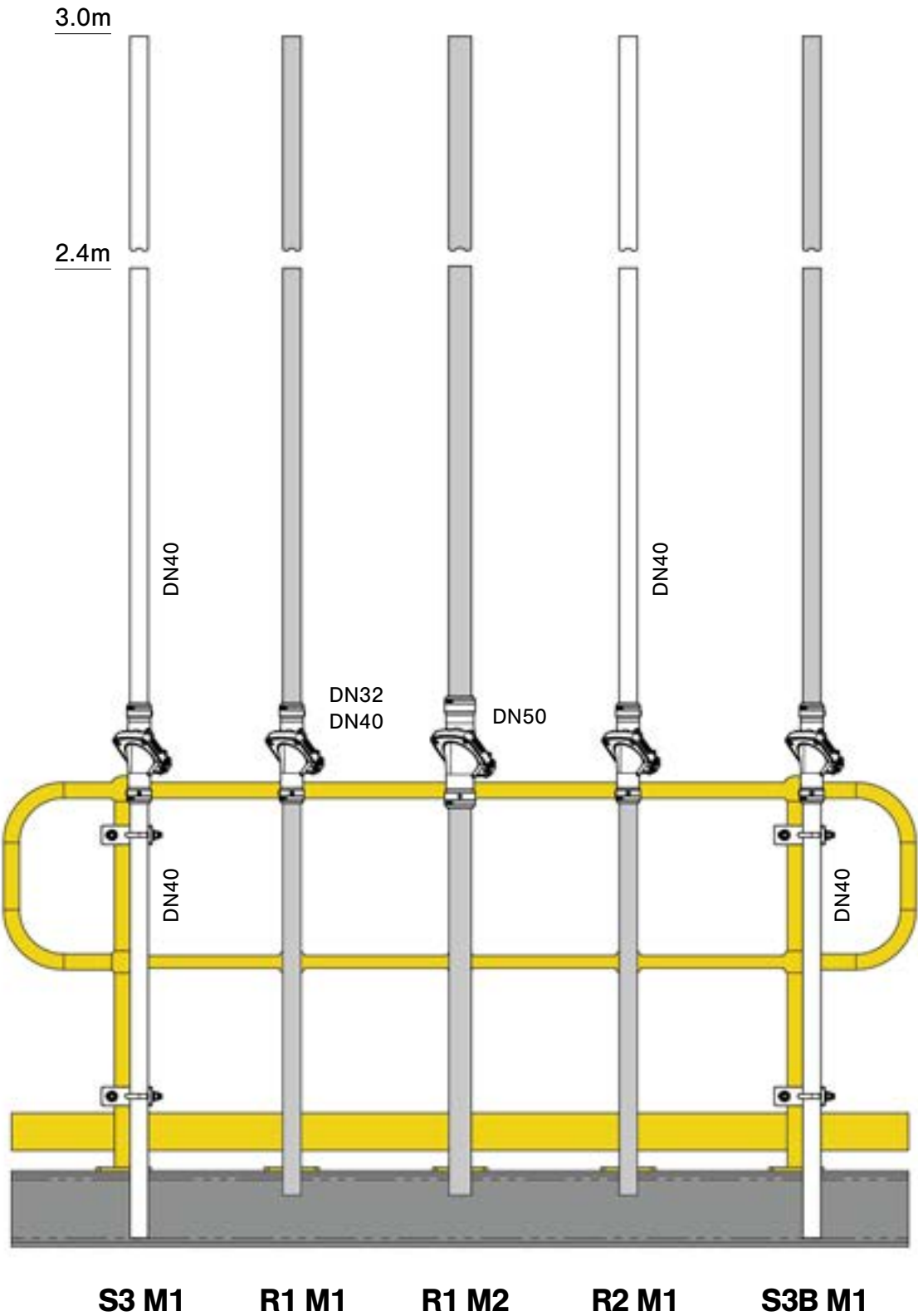
Mounting brackets, luminaire mounts, junction box plates and cable management bracket.



Swivelpole™ incorporating Maxis™

Product Range

Model Index



All dimensions are nominal

Swivelpole™ S3 M1

Stanchion Mounted or  
Stanchion & Structure Mounted

Greenfields

S3 M1

Top

DN40

Base

DN40

A

B

C

D

E

F

Designed for installation in accordance with IEC standards

**Overview**

**A Pole Top Section**

**B Maxis™ Joint**

**C Mounting Brackets (Accessory)**

**D Junction Box Plate (Accessory)**

**E Pole Base Section**

**F Cable Management Bracket (Accessory)**

**Greenfields**


Ideal for lighting on walkways, platforms, stairways, spiral stairways, roof tops, conveyors.

**NEW Structurally Certified Aluminium Pole**

Light weight - reduced stress on stanchion, corrosion free, cost effective, suitable for all wind regions.

**Accessories**

For optional accessories, see page 10.



Scan Code with QR Reader App for more information on Swivelpole™ S3 M1.

ORDERING INFORMATION

Swivelpole™ S3 M1

Installed height	Weight (kg)	Pole top/base finish	Product code
2400	8.6	AL	S3-M1-2400-P-003-AL
3000	9.4	AL	S3-M1-3000-P-003-AL
2400	13.3	HG	S3-M1-2400-P-003-HG
3000	15.0	HG	S3-M1-3000-P-003-HG

HG - Hot-dip Galvanised AL - Aluminium All dimensions are nominal, in metric sizes

# Swivelpole™ S3B M1

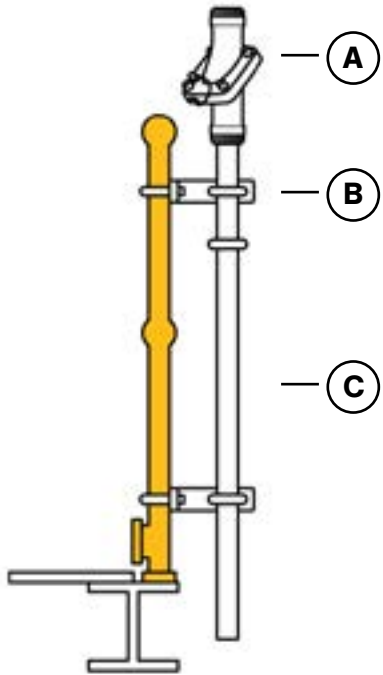
Greenfields

Stanchion Mounted or  
Stanchion & Structure Mounted

S3B M1

Base

DN40



Designed for installation in accordance with IEC standards

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**Overview**

**A Maxis™ Joint**  
**B Mounting Brackets (Accessory)**  
**C Pole Base Section**

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**Greenfields**  
Ideal for lighting on walkways, platforms, stairways, spiral stairways, roof tops, conveyors.

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**NEW Option for Module Yard Installation**  
Pole base installation in module yards, to keep costs down & deliver better value.

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**Accessories**  
For optional accessories, see page 10.



Scan Code with QR Reader App for more information on Swivelpole™ S3B M1.

## ORDERING INFORMATION

### Swivelpole™ S3B M1

Pole base length	Weight (kg)	Pole base finish	Product code
1250	6.5	AL	S3B-M1-40-1250-P-AL
1250	8.8	HG	S3B-M1-40-1250-P-HG

HG - Hot-dip Galvanised AL - Aluminium All dimensions are nominal, in metric sizes

# Swivelpole™ R1 M1 & R1 M2

Brownfields

Greenfields

Maxis™ joint

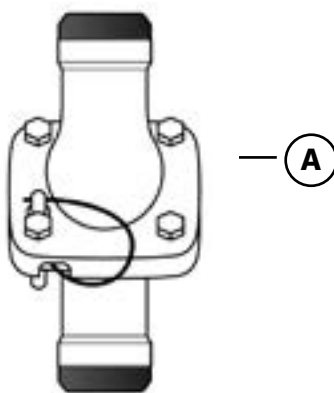
R1 M1

R1 M2

DN32

DN50

DN40



Designed for installation in accordance with IEC standards

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**Overview**

**A Maxis™ Joint**

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**Brownfields**  
Convert rigid poles to lowering poles by installing a Maxis™ joint using the pole conversion tool kit, see page 7.

---

**Greenfields**  
Build a lowering pole by incorporating a Maxis™ joint into your design/structure using your own pipe.

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**Accessories**  
For optional accessories, see page 10.



Scan Code with QR Reader App for more information on Swivelpole™ R1 M1 and R1 M2.

## ORDERING INFORMATION

### Swivelpole™ R1 M1 & R1 M2

Suits pole size (DN)	Weight (kg)	Material	Finish*	Maximum equipment weight (kg)** by height				Product code
				2.4m	3m	4m	5m	
32	4.9	Cast Steel	HG	20	15	-	-	R1-M1-32-Z
40	4.4	Cast Steel	HG	20	20	-	-	R1-M1-40-Z
50	6.1	Cast Steel	HG	20	20	15	10	R1-M2-50-Z

All dimensions are nominal, in metric sizes

\* Maximum equipment weight refers to operational limits, not its structural capacity and includes the total of any equipment and its mounting bracket. Two person operation is recommended for poles over 3m.



# Swivelpole™ R2 M1

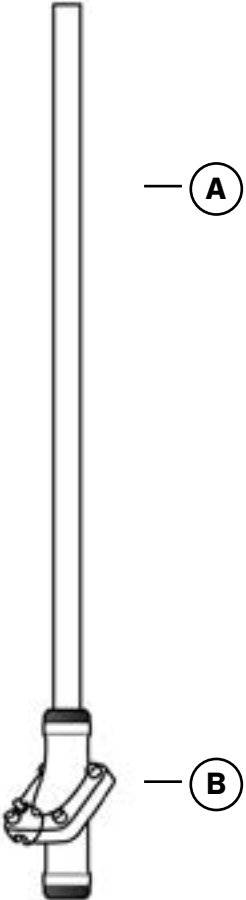
Brownfields

## Maxis™ joint with pole top

R2 M1

Top

DN40



Designed for installation in accordance with IEC standards

**Overview**

**A Pole Top Section**


**B Maxis™ Joint**

**Brownfields**

Convert rigid poles to lowering poles by installing a Maxis™ joint and renewing the pole top using the pole conversion tool kit, see page 7.

**Accessories**

For optional accessories, see page 10.



Scan Code with QR Reader App for more information on Swivelpole™ R2 M1.

### ORDERING INFORMATION

#### Swivelpole™ R2 M1

Installed height	Weight (kg)	Pole top finish	Product code
2400	6.5	AL	R2-M1-40-2400-P-AL
3000	7.3	AL	R2-M1-40-3000-P-AL
2400	8.8	HG	R2-M1-40-2400-P-HG
3000	10.6	HG	R2-M1-40-3000-P-HG

HG - Hot-dip Galvanised AL - Aluminium All dimensions are nominal, in metric sizes

# Swivelpole™ PCTK

Brownfields

## Pole Conversion Tool Kit

Convert rigid poles to lowering poles by installing a Maxis™ joint using the Pole Conversion Tool Kit.

Simple conversion process without impact to existing wiring or design intent. All work takes place at platform level, eliminating the risks of working at heights. There is no need for hot work permits.



### ORDERING INFORMATION

#### Swivelpole™ PCTK

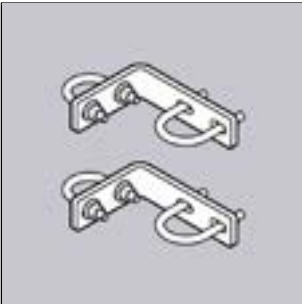
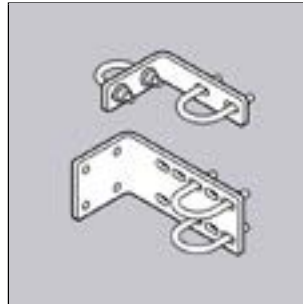
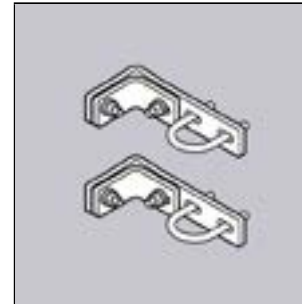
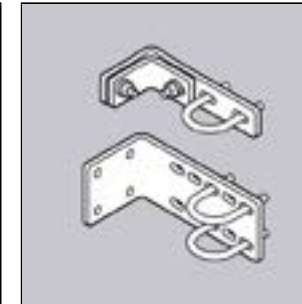
Suits Pole Sizes		Kit includes		Product code
DN	OD			
32	42.2	Pole conversion tool	Spare blades	PCTK-01
40	48.3	Ratchet pipe cutter	Socket wrench	
50	60.3	Marking tool	Riggers bag	

All dimensions are nominal.

Swivelpole™ Accessories

Accessories

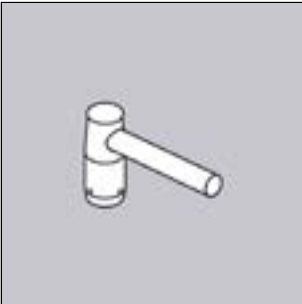
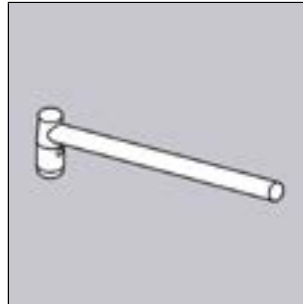
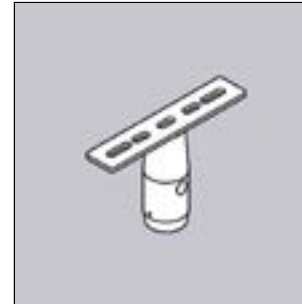

Mounting Brackets

			
<b>MBK2-2-40</b> U-bolt to stanchion 2 x MB2 brackets	<b>MBK2-5-40</b> Bolt to structure 1 x MB2 & 1 x MB5	<b>MBK6-6-40</b> Clamp to stanchion 2 x MB6 brackets	<b>MBK6-5-40</b> Bolt to structure 1 x MB6 & 1 x MB5

Suits Swivelpole™ S3 M1 & S3B M1 models. Kit Includes brackets and fasteners.



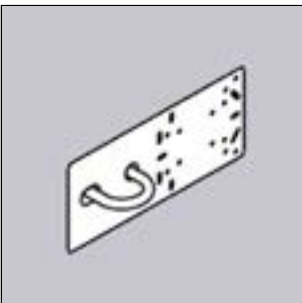
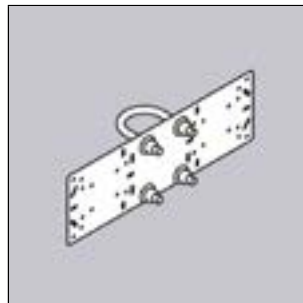
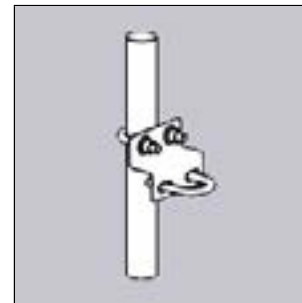
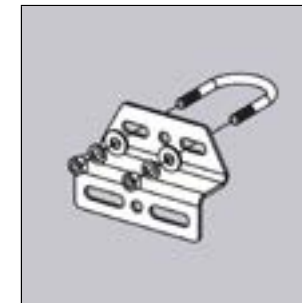
Luminaire Mounts

			
<b>LMK1101</b> Fluorescent, LED DN 25, 200	<b>LMK2301</b> Fluorescent DN 32, 1200	<b>LMK5101</b> Floodlight	<b>LMK6101</b> Alarm, Beacon, Siren

Suits DN40 pole tops.



Junction Box Plates & Cable Management Bracket

			
<b>JBPK1208</b> Single Offset	<b>JBPK1201</b> Double Centred	<b>MBK-40-CM-01-Z(HG-AL)</b> Cable Management Bracket	<b>LMK4123</b> Universal Bracket

Cable Management Bracket allows junction box to be raised for better access.



Appendix: Technical

<b>MAXIS™ JOINT MATERIAL &amp; FINISH</b>		<b>DISCLAIMER</b>	
Material: Steel - Grade AISI 1045 Investment Cast		The adequacy of the guardrail and supporting structure must be verified by a site approved engineer. Swivelpole Group Pty Ltd and or Exemplar Products Pty Ltd, subsidiaries and related entities ("Swivelpole") will accept no responsibility for failure due to inadequacy of the supporting structure or guardrail to which the Maxis™ is mounted.	
Finish: Zinc Aluminium coating (Zn/Al)			
Compatible with hot-dip galvanised and aluminium products			
<b>MANUFACTURING STANDARDS – MAXIS™ ASSEMBLIES</b>			
Steel Structures	AS 4100	<b>DESIGN COMPLIANCE</b>	
Structural Design Actions	AS/NZS 1170	The Swivelpole™ product range has been developed to meet the design criteria of a range of site conditions, including hurricane winds and hazardous environments.	
Steel Pipe	AS/NZS 1163 & ASTM A500	For additional information on our products and product configurations to suit your design compliance needs, please contact us at sales@swivelpole.com.	
Hot-dip galvanising	ASTM A213 (USA) CSA G164 (Canada) AS/NZS 4680 (Australia)	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.	
Aluminium Pipe 6061 T6 or 6082 T6	AS/NZS 1866 (Australia) ASTM B429 (USA & Canada)		
<b>CERTIFICATION &amp; CLASSIFICATION</b>		<b>WARRANTIES*</b>	
Maxis™ M1 and M2 models are listed by CSA as Certified under Master Contract number 257018, Certificate of Compliance 2568504, to the following standards:		<b>5 year limited warranty</b>	
<ul style="list-style-type: none"><li>CSA Class 3426 02 - CSA C22.2 No.250.00-18 (Canada)</li><li>CSA Class 3426 82 - UL 1598; 4th Edition (US):</li></ul>		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.	
Acceptable for installation in Class 1, Division 2, Group A, B, C, and D Hazardous Locations, CSA Document 70216456. Complies with the following standards, to the extent applicable:		Normal wear of equipment or goods, equipment or goods which are misused, abused, or damaged, or not used in accordance with the seller's instructions are excluded in this warranty.	
<ul style="list-style-type: none"><li>CSA C22.2 No. 213-17/UL12.12.01_9th Edition Requirements for Class I, Division 2 equipment</li><li>C22.1 – 2018 Canadian Electrical Code Part 1; Safety Standard for Electrical Installation</li></ul>		No warranty shall apply or responsibility 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.	
Acceptable for installation in Class II Division 2, Groups E, F and G Hazardous Locations, CSA Document 70216455. Class II Division 2 product available upon request.		No warranty shall apply on the zinc aluminium or hot-dip galvanised finishes, where the product is exposed to caustic chemical contact or extreme chemical environments.	
Maxis™ M1 and M2 models have been evaluated as structurally adequate by a 3 <sup>rd</sup> party Structural Engineer (Structural Certificate T-18-462) in accordance with the following relevant publications:		Optional material finish of powder coating is completed by third parties and whilst all care is taken by Swivelpole™, warranty is limited to the (12) months Supplier's standard warranty. This warranty does not apply to equipment or goods which are misused, abused or damaged or not used in accordance with seller's instructions. Normal wear of equipment or goods are excluded in this warranty. All care should be taken for the longevity of the powder coat finish.	
<ul style="list-style-type: none"><li>National Building Code of Canada - Canadian wind-load data</li><li>CSA Standard S6 - Canadian Highway Bridge Design Code</li><li>CSA standard S16 (steel poles)</li><li>AASHTO (American Association of State Highway and Transportation Officials), standard</li><li>LTS (Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals)</li></ul>		The adequacy of the High Vibration Pole Top (HVPT) is not guaranteed/ warranted for specific site suitability due to the vibration frequency variances in site and structure conditions. We can guarantee that the HVPT will improve performance and extend design life when compared to an ordinary pole exposed to the same vibrations. Swivelpole Group Pty Ltd and or Exemplar Products Pty Ltd, subsidiaries and related entities ("Swivelpole") will accept no responsibility or liability, direct or consequential, for failure of this product.	
The models are suitable for specification in the USA and Canada when loadings have been calculated in accordance with the above standards and design actions as listed in the Structural Certificate referenced above.		2. Equipment or goods not manufactured by the seller but supplied through the seller shall carry the warranty of the original manufacturer.	
<b>BENDING MOMENT CAPACITY</b>		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.	
The following summarises the capacity of pole tops tested with the Maxis™ joint assembly and the load exceeded in testing. The tabulated capacities represent the loading in which testing was terminated and the joint remained functional.		* Subject to change without notice.	
Maxis™ Model	Max Top Pole Size (GR350 Steel)	Pole bending moment capacity φMs (kNm)	Joint capacity exceeded in testing (kNm)
M1	DN32 (42.4x4.9)	2.18	3.11
M1	DN40 (48.3x3.67)	2.28	3.11
M2	DN40 (48.3x3.67)	2.28	5.23
M2	DN50 (60.3x5.54)	5.14	5.23
Note: Maxis™ M1 and M2 components form part of lowering light poles which are supplied independent of light fixture. As the final structural loading is dependent on the light fixture fitted and installation location, it is the design responsibility of the specifying engineer to ensure the structural adequacy of the model contained in the final installed light pole assembly, based on the limits of its structural elements provided above.			
<b>QUALITY ASSURANCE</b>			
All Swivelpole™ products are manufactured and/or assembled to comply with a prescribed QMS based on ISO 9001 world standards.			

**SWIVELPOLE™  
LOWERING  
POLE SOLUTIONS**

**Swivelpole™**

**TRUSTED GLOBALLY BY  
ASX & FORTUNE 500  
COMPANIES**

V-24-0213-0924

Swivelpole™ is recognised globally for providing customers with simple, fast and affordable access to light fixtures and equipment.

Our innovative access solutions eliminate the risk of working at heights, through the controlled lowering of light fixtures and equipment to a safe and comfortable working position.

After almost two decades of continuous development and improvement, Swivelpole™ has developed a comprehensive product range to suit a range of industrial applications.

Swivelpole™ have an extensive global sales history to some of the worlds' largest companies and in the most remote and challenging environments. We continue to be specified as the product of choice for proven performance and ROI.

## **SALES & SUPPORT**

**+61-8-9582-0870**

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EASY.**

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