<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>SLWBP</td>
<td>Pole Brackets Minor Road Wood Pole 1.2m Outreach</td>
</tr>
<tr>
<td>SL</td>
<td>Type MI1 - Materials</td>
</tr>
<tr>
<td></td>
<td>Pole Brackets Minor Road Wood Pole 1.2m Outreach</td>
</tr>
<tr>
<td></td>
<td>Type MI1 - Construction</td>
</tr>
<tr>
<td>SLWBP</td>
<td>Pole Brackets Minor Road Wood Pole 3.0m Outreach</td>
</tr>
<tr>
<td>SL</td>
<td>Type MI2 - Materials</td>
</tr>
<tr>
<td></td>
<td>Pole Brackets Minor Road Wood Pole 3.0m Outreach</td>
</tr>
<tr>
<td></td>
<td>Type MI2 - Construction</td>
</tr>
<tr>
<td>SLWBP</td>
<td>Pole Brackets Minor Road Wood Pole 0.5m Outreach</td>
</tr>
<tr>
<td>SL</td>
<td>Type MI3 - Materials</td>
</tr>
<tr>
<td></td>
<td>Pole Brackets Minor Road Wood Pole 0.5m Outreach</td>
</tr>
<tr>
<td></td>
<td>Type MI3 - Construction</td>
</tr>
<tr>
<td>SLCBP</td>
<td>Concrete Pole 1.2m &amp; 3.0m Outreach</td>
</tr>
<tr>
<td>SL</td>
<td>Type M1 &amp; M2 - Material</td>
</tr>
<tr>
<td></td>
<td>Concrete Pole 1.2m &amp; 3.0m Outreach</td>
</tr>
<tr>
<td></td>
<td>Type M1 &amp; M2 - Construction</td>
</tr>
</tbody>
</table>

**MINOR ROAD CONSTRUCTION**
WOOD POLE BRACKETS CONSTRUCTION TYPE

Type shown within dashed box appears on relevant construction detail drawings in this manual.

**SL WPB/MI2 ABC**

**STREETLIGHT**
- SL = Streetlight

**BRACKET**
- WPB = Wood Pole Bracket

**CONNECTION**
- ABC = Service connection to LVABC Mains
- Al = Service connection to Aluminium Mains
- Cu = Service connection to Copper mains
- SER = Supplied via ABC Service

**BRACKET TYPE**
- MI1 = 1.2m Outreach, Minor Road
- MI2 = 3.0m Outreach 1.0m Uplift, Minor Road
- MI3 = 0.5m Outreach, Minor Road
- PT2 = 0.3m Outreach Type PT, Minor Road (Refer to Construction Drawing 1-7-8-2)

EXAMPLE:- SLWPB/MI2ABC = Streetlight, Wood Pole Bracket, Minor Road Type 2 3.0m Outreach, Service connection to LVABC mains.
STREETLIGHT LUMINAIRE MINOR ROAD CONSTRUCTION TYPE

Type shown within dashed box appears on relevant construction detail drawings in this manual.

**EXAMPLE:**

SL HPS 0001 = Streetlight, High pressure sodium vapour, 70W

SL MH 0007 = Streetlight, metal halide, 70W

**PRODUCT CODE**

- 0001 = Sylvania Suburban 70W HPS
- 0002 = Sylvania Urban Aeroscreen 70W HPS
- 0003 = Sylvania Suburban 32W CFL
- 0004 = Sylvania Urban Aeroscreen 32W CFL
- 0007 = Sylvania Suburban 70W MH
- 0008 = Sylvania Urban Aeroscreen 70W MH
- 0032 = Greenstreet T5 2 x 24W
- 0033 = Greenstreet T5 x 14W

STREETLIGHT LED LUMINAIRE MINOR ROAD CONSTRUCTION TYPE

Type shown within dashed box appears on relevant construction detail drawings in this manual.

**EXAMPLE:**

SLED GE 0250 N = Streetlight LED, GE, 25.0W, Normal semi cut-off

**LUMINAIRE TYPE**

- N = Normal (semi cut-off)
- A = Aeroscreen

**BILLABLE LOAD**

- 0170 = 17W
- 0219 = 21.9W

**STREETLIGHT**

- SL = Streetlight

**LAMP TYPE AND WATTAGE**

- HPS = High Pressure Sodium Vapour
- LF = Linear Fluorescent
- CFL = Compact Fluorescent
- MH = Metal Halide

**STREETLIGHT LUMINAIRE MINOR ROAD CONSTRUCTION TYPE**

- SLED = Streetlight LED

**SUPPLIER IDENTIFIER**

- GL = Gerard Lighting
CONCRETE POLE BRACKETS CONSTRUCTION TYPE

Type shown within dashed box appears on relevant construction detail drawings in this manual.

**SL CPB/MI2 SER**

**STREETLIGHT**
SL = Streetlight

**BRACKET**
CPB = Concrete Pole Bracket
CPBI = Concrete Pole Bracket Insulated

**CONNECTION**
SER = Supplied via ABC Service
ABC = Service Connection to LVABC Mains
Al = Service Connection to Aluminium Mains
Cu = Service Connection to Copper Mains

**BRACKET TYPE**
MI1 = 1.2m Outreach, Minor Road
MI2 = 3.0m Outreach 1.0m Uplift, Minor Road
MI3 = 0.5m Outreach, Minor Road

EXAMPLE:- SLCPB/MI2SER = Streetlight, Concrete Pole Bracket, Minor Road Type 2 3.0m Outreach, Supplied via ABC Service.
WOOD POLE BRACKETS CONSTRUCTION TYPE

S WPB MI2 B

STREETLIGHT
S = Streetlight

BRACKET
WPB = Wood Pole Bracket

CONNECTION
B = Service connection to LVABC Mains
L = Service connection to Aluminium Mains
C = Service connection to Copper mains
SER = Supplied via ABC Service

BRACKET TYPE
MI1 = 1.2m Outreach, Minor Road
MI2 = 3.0m Outreach 1.0m Uplift, Minor Road
MI3 = 0.5m Outreach, Minor Road
PT2 = 0.3m Outreach Type PT, Minor Road (Refer to Construction Drawing 1-7-8-2)

EXAMPLE:- SWPBMI2B = Streetlight, Wood Pole Bracket, Minor Road Type 2 3.0m Outreach, Service connection to LVABC mains.
STREETLIGHT LUMINAIRE MINOR ROAD CONSTRUCTION TYPE

Type shown within dashed box appears on relevant construction detail drawings in this manual.

**PRODUCT CODE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>0001</td>
<td>Sylvania Suburban 70W HPS</td>
</tr>
<tr>
<td>0002</td>
<td>Sylvania Urban Aeroscreen 70W HPS</td>
</tr>
<tr>
<td>0003</td>
<td>Sylvania Suburban 32W CFL</td>
</tr>
<tr>
<td>0004</td>
<td>Sylvania Urban Aeroscreen 32W CFL</td>
</tr>
<tr>
<td>0005</td>
<td>Sylvania Suburban 35W MH</td>
</tr>
<tr>
<td>0006</td>
<td>Sylvania Urban Aeroscreen 35W MH</td>
</tr>
<tr>
<td>0007</td>
<td>Sylvania Suburban 70W MH</td>
</tr>
<tr>
<td>0008</td>
<td>Sylvania Urban Aeroscreen 70W MH</td>
</tr>
<tr>
<td>0032</td>
<td>Greenstreet T5 2 x 24W</td>
</tr>
<tr>
<td>0033</td>
<td>Greenstreet T5 2 x 14W</td>
</tr>
</tbody>
</table>

**LAMP TYPE AND WATTAGE**

- **SL** = Streetlight
- **HPS** = High Pressure Sodium Vapour
- **LF** = Linear Fluorescent
- **CFL** = Compact Fluorescent
- **MH** = Metal Halide

**EXAMPLE:**

- SL HPS 0001 = Streetlight, High pressure sodium vapour, 70W
- SL MH 0005 = Streetlight, metal halide, 35W

STREETLIGHT LED LUMINAIRE MINOR ROAD CONSTRUCTION TYPE

Type shown within dashed box appears on relevant construction detail drawings in this manual.

**SUPPLIER IDENTIFIER**

- **GE** = GE
- **GL** = Gerard Lighting

**EXAMPLE:**

- SLED GL 0170 N = Streetlight LED, Gerard Lighting, 17.0W, Normal (semi cut-off)

**BILLABLE LOAD**

- 0170 = 17W
- 0250 = 25W

**LUMINAIRE TYPE**

- **N** = Normal (semi cut-off)
- **A** = Aeroscreen (full cut-off)
EXAMPLE: SCPBMI2B = Streetlight, Concrete Pole Bracket, Minor Road Type 2 3.0m Outreach, Service connection to LVABC mains.
### MATERIAL - BRACKET & SUPPLY

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>821-1</td>
<td>Bracket MI1 &amp; cable, mounting to wood pole</td>
<td>1</td>
</tr>
<tr>
<td>801-6</td>
<td>Fuse holder 100A (service) to bracket</td>
<td>1</td>
</tr>
<tr>
<td>801-1</td>
<td>Cartridge fuse link 32A HRC</td>
<td>1</td>
</tr>
<tr>
<td>803-1</td>
<td>Saddle (20mm) to wood pole</td>
<td></td>
</tr>
<tr>
<td>803-6</td>
<td>Bracket cable support to x-arm</td>
<td>AR</td>
</tr>
<tr>
<td>804-1</td>
<td>Connector I.P.C. 25/95mm² main to 6/35mm² tap</td>
<td>2</td>
</tr>
<tr>
<td>804-2</td>
<td>6-35 Aluminium / 4-35mm Copper Thru Connector</td>
<td></td>
</tr>
<tr>
<td>804-6</td>
<td>Connector Tap-off bare aluminium mains</td>
<td></td>
</tr>
<tr>
<td>804-7</td>
<td>Connector Tap-off bare copper mains</td>
<td></td>
</tr>
<tr>
<td>805-1</td>
<td>End cap - push on 25mm² ABC</td>
<td>AR</td>
</tr>
<tr>
<td>805-6</td>
<td>Conduit PVC flexible - 16mm.</td>
<td>AR</td>
</tr>
<tr>
<td>859-1</td>
<td>Bracket MI1 &amp; cable, mounting to concrete pole</td>
<td>1</td>
</tr>
</tbody>
</table>

### MATERIAL - LUMINAIRE CONT'D

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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</thead>
<tbody>
<tr>
<td>817-7</td>
<td>Luminaire aeroscreen lamp and PE cell</td>
<td></td>
</tr>
<tr>
<td>817-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>817-15</td>
<td>Luminaire aeroscreen lamp and PE cell</td>
<td></td>
</tr>
<tr>
<td>817-32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>817-35</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### NOTES:

1. Bracket/Luminaire minimum clearance to conductors:-
   - L.V. = 100mm
   - 11kV-22kV-33kV = 1200mm
   - 66kV = 1800mm
2. Open wire conductor configuration depends on regional location - configuration shown is illustrative only.
3. Provide a minimum clearance of 150mm between LVABC suspension or termination clamp and bracket mounting base.
4. Bracket / Luminaire shall be mounted such that they are not contacting other pole top hardware eg, crossarms, arm braces, etc.
5. Bracket mounting to concrete pole only to be used in non-cyclonic areas.
To surface

7.5m mounting height

To ground surface

CONNECTION TO OPEN WIRE MAINS

Assy 803-6

300 intervals

To surface

CONNECTION TO O/H SERVICE

Assy 805-6

CONNECTION TO LV ABC MAINS

Assy 804-1 (EE) or Assy 804-2 (EGX)

Assy 803-1

@ 500 crs

CONNECTION TO OPEN WIRE MAINS

Assy 803-1

@ 500 crs

Top Coachscrew

Wood Pole

Assy Selection

801-3-7

SLCPB (Bracket)

Wood Pole

Assy 801-6

7500

Assy Selection

817-3, 7, 9 & 12, 13, 15,

21, 25, 32, 35 or

900-1 & 2

Assy 821-1 or Assy 859-1

Assy 801-1

Wood Pole

Assy 801-1

7.5m mounting height

To ground surface

Construction Type

SLCPB (Bracket)

SLWBP (Bracket)

SL (Luminaire)

SLED (LED Luminaire)

LIGHTING

POLE BRACKETS MINOR ROAD

WOOD POLE 1.2m OUTREACH

TYPE M1 - CONSTRUCTION

VOLUME FOLDER PAGE ISSUE

EE DRWG NO: 1-8-3-2

EGX DRWG NO: 10500-A4-1-8-3-2

01/03/19

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Energex Energy Corporation Limited

EE DRWG NO: 1-8-3-2

ENERGEX

ABN 50 087 646 062

1

8

3-2

0G

A. Bletchly

01/03/19

A. Bletchly

01/03/19

K. Slater

01/03/19

L. Burton / T. Borg

01/10/10

01/03/19

L. Burton / T. Borg

01/10/10

01/03/19

01/03/19

01/03/19

01/03/19

01/03/19

01/03/19

01/03/19
## MATERIAL - BRACKET & SUPPLY

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<th>DESCRIPTION</th>
<th>QTY</th>
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<tbody>
<tr>
<td>821-2</td>
<td>Bracket MI2 &amp; cable, mounting to wood pole</td>
<td>1</td>
</tr>
<tr>
<td>801-6</td>
<td>Fuse holder 100A (service) to bracket</td>
<td>1</td>
</tr>
<tr>
<td>801-1</td>
<td>Cartridge fuse link 32A HRC</td>
<td>1</td>
</tr>
<tr>
<td>803-1</td>
<td>Saddle (20mm) to wood pole</td>
<td></td>
</tr>
<tr>
<td>803-6</td>
<td>Bracket cable support to x-arm</td>
<td></td>
</tr>
<tr>
<td>804-1</td>
<td>Connector I.P.C. 25/95mm² main to 6/35mm² tap</td>
<td></td>
</tr>
<tr>
<td>804-2</td>
<td>6-35 Aluminium / 4-35mm Copper Thru Connector</td>
<td>2</td>
</tr>
<tr>
<td>804-6</td>
<td>Connector Tap-off bare aluminium mains</td>
<td></td>
</tr>
<tr>
<td>804-7</td>
<td>Connector Tap-off bare copper mains</td>
<td></td>
</tr>
<tr>
<td>805-1</td>
<td>End cap - push on 25mm² ABC</td>
<td></td>
</tr>
<tr>
<td>805-6</td>
<td>Conduit PVC flexible - 16mm.</td>
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</tr>
<tr>
<td>859-2</td>
<td>Bracket MI2 &amp; cable, mounting to concrete pole</td>
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## MATERIAL - LUMINAIRE CONT'D

<table>
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<tr>
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<th>DESCRIPTION</th>
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<tr>
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<td>S70A</td>
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<tr>
<td>817-13</td>
<td>CF32A</td>
<td>AR</td>
</tr>
<tr>
<td>817-15</td>
<td>Luminaire aeroscreen lamp and PE cell</td>
<td>AR</td>
</tr>
<tr>
<td>817-32</td>
<td>L17A</td>
<td></td>
</tr>
<tr>
<td>817-35</td>
<td>L22A</td>
<td></td>
</tr>
</tbody>
</table>

## NOTES:

1. Bracket/Luminaire minimum clearance to conductors:-
   - L.V. = 100mm
   - 11kV-22kV-33kV = 1200mm
   - 66kV = 1800mm

2. Open wire conductor configuration depends on regional location - configuration shown is illustrative only.

3. Provide a minimum clearance of 150mm between LVABC suspension or termination clamp and bracket mounting base.

4. Bracket / Luminaire shall be mounted such that they are not contacting other pole top hardware eg, crossarms, arm braces, etc.

5. Bracket mounting to concrete pole only to be used in non-cyclonic areas.
CONNECTION TO OPEN WIRE MAINS

CONDUCTOR CLEARANCE
Refer note 1

CONNECTION TO LV ABC MAINS

CONNECTION TO O/H SERVICE

LIGHTING
POLE BRACKETS MINOR ROAD
WOOD POLE 3.0m OUTREACH 1.0m UPLIFT
TYPE MI2 - CONSTRUCTION

Assy 803-6
300 intervals

Assy 803-1
@ 500 crs

Assy Selection
804-6 or 7

Assy 805-6

Assy 803-1 (EE) or Assy 804-2 (EGX)

Assy 805-1 (EE)

Assy Selection
817-3, 7, 9 & 12, 13, 15,
21, 25, 32, 35
or 900-1 & 2

Assy 803-1
@ 500 crs

Assy 805-6

Wood Pole

Assy 821-2 or
Assy 859-2

Assy 803-1
@ 500 crs

Wood Pole

To Ground Surface

Top Coachscrew

7.5m mounting height

Construction Type

SLWPB (Bracket)

SL (Luminaire)

SLED (LED Luminaire)

Assy 805-6

Assy 801-6

Assy 801-1

Wood Pole

Assy Selection
804-6 or 7

Assy 859-2

Assy 801-6

Assy 801-1

Wood Pole

Assy 804-1 (EE) or Assy 804-2 (EGX)

Assy 804-1 (EE)

Assy 805-6

Assy 803-1

Assy 801-6

Assy 801-1

Wood Pole

To Road Surface

Assy Selection
817-3, 7, 9 & 12, 13, 15,
21, 25, 32, 35
or 900-1 & 2

Assy 803-1
@ 500 crs

Assy 805-6

Wood Pole

Assy 801-6

Assy 801-1

Wood Pole

Assy 804-1 (EE) or Assy 804-2 (EGX)

Assy 805-1 (EE)

Assy 803-1

Assy 801-6

Assy 801-1

Wood Pole

To Ground Surface

Top Coachscrew

7.5m mounting height

Construction Type

SLWPB (Bracket)

SL (Luminaire)

SLED (LED Luminaire)

Assy 805-6

Assy 801-6

Assy 801-1

Wood Pole

Assy Selection
804-6 or 7

Assy 859-2

Assy 801-6

Assy 801-1

Wood Pole

Assy 804-1 (EE) or Assy 804-2 (EGX)

Assy 805-1 (EE)

Assy 803-1

Assy 801-6

Assy 801-1

Wood Pole

To Ground Surface

Top Coachscrew

7.5m mounting height

Construction Type

SLWPB (Bracket)

SL (Luminaire)

SLED (LED Luminaire)
### MATERIAL - BRACKET & SUPPLY

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
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<tbody>
<tr>
<td>845-1</td>
<td>Bracket MI3 &amp; cable, mounting to wood pole</td>
<td>1</td>
</tr>
<tr>
<td>801-6</td>
<td>Fuse holder 100A (service) to bracket</td>
<td>1</td>
</tr>
<tr>
<td>801-1</td>
<td>Cartridge fuse link 32A HRC</td>
<td>1</td>
</tr>
<tr>
<td>803-1</td>
<td>Saddle (20mm) to wood pole</td>
<td></td>
</tr>
<tr>
<td>803-6</td>
<td>Bracket cable support to x-arm</td>
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<td>Connector I.P.C. 25/95mm² main to 6/35mm² tap</td>
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<td>804-7</td>
<td>Connector Tap-off bare copper mains</td>
<td></td>
</tr>
<tr>
<td>805-1</td>
<td>End cap - push on 25mm² ABC</td>
<td>AR</td>
</tr>
<tr>
<td>805-6</td>
<td>Conduit PVC flexible - 16mm.</td>
<td>AR</td>
</tr>
<tr>
<td>845-2</td>
<td>Bracket MI3 &amp; cable, mounting to concrete pole</td>
<td></td>
</tr>
</tbody>
</table>

### NOTES:

1. Bracket/Luminaire minimum clearance to conductors:-
   - L.V. = 100mm
   - 11kV-22kV-33kV = 1200mm
   - 66kV = 1800mm

2. Open wire conductor configuration depends on regional location - configuration shown is illustrative only.

3. Provide a minimum clearance of 150mm between LVABC suspension or termination clamp and bracket mounting base.

4. Bracket / Luminaire shall be mounted such that they are not contacting other pole top hardware eg, crossarms, arm braces, etc.

5. Bracket mounting to concrete only to be used in non-cyclonic areas.

### MATERIAL - LUMINAIRE CONT’D

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<tbody>
<tr>
<td>817-7</td>
<td>S70A</td>
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<tr>
<td>817-13</td>
<td>CF32A</td>
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</tr>
<tr>
<td>817-15</td>
<td>Luminaire aeroscreen lamp and PE cell</td>
<td>AR</td>
</tr>
<tr>
<td>817-32</td>
<td>H70A</td>
<td></td>
</tr>
<tr>
<td>817-35</td>
<td>L17A</td>
<td></td>
</tr>
<tr>
<td>817-35</td>
<td>L22A</td>
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### MATERIAL - LUMINAIRE

<table>
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<tr>
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<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>817-3</td>
<td>S70</td>
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<tr>
<td>817-9</td>
<td>CF32</td>
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<tr>
<td>817-12</td>
<td>H70</td>
<td>AR</td>
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<tr>
<td>817-21</td>
<td>L17</td>
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<tr>
<td>817-25</td>
<td>L22</td>
<td></td>
</tr>
<tr>
<td>900-1</td>
<td>2 x 14W LF</td>
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</tr>
<tr>
<td>900-2</td>
<td>2 x 24W LF</td>
<td></td>
</tr>
</tbody>
</table>

### NOTES:

1. Bracket/Luminaire minimum clearance to conductors:-
   - L.V. = 100mm
   - 11kV-22kV-33kV = 1200mm
   - 66kV = 1800mm

2. Open wire conductor configuration depends on regional location - configuration shown is illustrative only.

3. Provide a minimum clearance of 150mm between LVABC suspension or termination clamp and bracket mounting base.

4. Bracket / Luminaire shall be mounted such that they are not contacting other pole top hardware eg, crossarms, arm braces, etc.

5. Bracket mounting to concrete only to be used in non-cyclonic areas.
CONNECTION TO KV MAINS

CONNECTION TO OPEN WIRE MAINS

CONNECTION TO O/H SERVICE

CONNECTION TO LV ABC MAINS

Construction Type
- SLPB (Bracket)
- SLWPB (Bracket)
- SL (Luminaire)
- SLED (LED Luminaire)

Assy Selection
- 803-1 @ 500 crs
- 805-1 (EE)
- 805-6
- 801-1
- 801-6
- 803-6

5°

Wood Pole

7.5m mounting height

To ground surface

Top Coachscrew

7500

CONDUCTOR CLEARANCE

Refer note 1

Assy Selection
- 803-1
- 805-1 (EE)
- 805-6

Assy Selection
- 817-3
- 817-9
- 817-12
- 817-13
- 817-15

Assy Selection
- 804-1 (EE)
- 804-2 (EGX)
- 804-6

Assy Selection
- 805-1 (EE)
- 805-6

Assy Selection
- 804-1 (EE)
- 804-2 (EGX)
- 804-6

WOOD POLE 0.5m OUTREACH

TYPE MI3 - CONSTRUCTION

LIGHTING POLE BRACKETS MINOR ROAD

ABN 50 087 646 062

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1  8  5-2  0G

VOLUME  FOLDER  PAGE  ISSUE

A. Bletchly
01/03/19

A. Bletchly
01/03/19

K. Slater
01/03/19

L. Burton / T. Borg 01/10/10

01/03/19

01/03/19

01/03/19

REFERENCE DRAWING ENERGEX

REFERENCE DRAWING ERGON
## MATERIAL - BRACKET & SUPPLY

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>801-1</td>
<td>Cartridge fuse link 32A HRC</td>
<td>1</td>
</tr>
<tr>
<td>801-6</td>
<td>Fuse holder 100A (service) to bracket</td>
<td>1</td>
</tr>
<tr>
<td>804-1</td>
<td>Connector I.P.C. 25/95mm² main to 6/35mm² TAP</td>
<td>2</td>
</tr>
<tr>
<td>804-2</td>
<td>6-35 Aluminium / 4-35mm Copper Thru Connector</td>
<td></td>
</tr>
<tr>
<td>805-1</td>
<td>End cap - push on 25mm² ABC</td>
<td>2</td>
</tr>
<tr>
<td>821-1</td>
<td>Bracket MI1 &amp; cable mounting to wood pole</td>
<td>1</td>
</tr>
<tr>
<td>821-2</td>
<td>Bracket MI2 &amp; cable mounting to wood pole</td>
<td></td>
</tr>
<tr>
<td>836-1</td>
<td>Bracket for insulating street light to concrete pole</td>
<td>1</td>
</tr>
</tbody>
</table>

## NOTES:

1. Bracket/Luminaire minimum clearance to conductors:
   - L.V. = 100mm
   - 11kV-22kV-33kV = 1200mm
   - 66kV = 1800mm

2. Ensure a minimum of 50mm clearance is maintained between the concrete pole and fittings and the street light bracket.

3. LED Luminaires are only to be installed on approved brackets. Refer QPLDM for approved brackets.

## MATERIAL - LUMINAIRE

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>817-3</td>
<td>S70</td>
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</tr>
<tr>
<td>817-9</td>
<td>CF32</td>
<td></td>
</tr>
<tr>
<td>817-12</td>
<td>H70</td>
<td></td>
</tr>
<tr>
<td>817-21</td>
<td>L17</td>
<td></td>
</tr>
<tr>
<td>817-25</td>
<td>L22</td>
<td></td>
</tr>
<tr>
<td>900-1</td>
<td>2 x 14W LF</td>
<td>AR</td>
</tr>
<tr>
<td>900-2</td>
<td>2 x 24W LF</td>
<td></td>
</tr>
<tr>
<td>817-7</td>
<td>S70A</td>
<td></td>
</tr>
<tr>
<td>817-13</td>
<td>CF32A</td>
<td></td>
</tr>
<tr>
<td>817-15</td>
<td>H70A</td>
<td></td>
</tr>
<tr>
<td>817-32</td>
<td>L17A</td>
<td></td>
</tr>
<tr>
<td>817-35</td>
<td>L22A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Luminaire normal lamp and PE cell</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Luminaire aeroscreen lamp and PE cell</td>
<td></td>
</tr>
</tbody>
</table>

Approved Ergon: A. Bletchly 01/03/19
Approved Energex: A. Bletchly 01/03/19
Checked: K. Slater 01/03/19
Drawn: L. Burton / T. Borg 14/10/10

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**LIGHTING**

**POLE BRACKETS MINOR ROAD**

**CONCRETE POLE 1.2m & 3.0m OUTREACH**

**TYPE MI1 & MI2 - MATERIAL**

**EE DRWG NO:** 1-8-6-1

**VOLUME** 1  **FOLDER** 8  **PAGE** 6-1  **ISSUE** 0G
**Lighting Pole Brackets Minor Road**

**Concrete Pole 1.2m & 3.0m Outreach**

**Type MI1 & MI2 - Construction**

**Details**

**Detail A**
- **Insulation Drilling Detail**
  - (1000 x 150 x 100)

**Detail B**

**Construction Type**
- SLPB (Bracket)
- SL (Luminaire)
- SLED (LED Luminaire)

**Notes**
- All bands to be double wrapped
- Refer note on assy 836
- Assy selection 804-1 (EE) or Assy 804-2 (EGX)
- Assy 805-1 (EE)
- Assy 801-6
- Assy 801-1
- Assy 836-1

**Specifications**
- To Ground Surface: 7500 (1.2m outreach) 6675 (3m outreach)
- To Ground Surface: 7.5m mounting height
- To Road Surface: 120
- Drill to suit bracket: 10
- 825, 825, 925

**Construction Details**
- SLCPBI
- 817-3, 7, 9 & 12, 13, 15, 21, 25, 32, 35 or 900-1 & 2
- Assy selection 821-1 or 2 (Refer detail B & note 2)

**Drawing Details**
- Approved Ergon: A. Bletchly 01/03/19
- Approved Energex: A. Bletchly 01/03/19
- Checked: K. Slater 01/03/19
- Drawn: L. Burton / T. Borg 12/02/14