<table>
<thead>
<tr>
<th>LIGHTING</th>
<th>FLOODLIGHTING INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINOR ROAD CONSTRUCTION</td>
<td></td>
</tr>
<tr>
<td>SLWF</td>
<td>Watchman Floodlight Wood Pole - Material</td>
</tr>
<tr>
<td>SLWF</td>
<td>Watchman Floodlight Wood Pole - Construction</td>
</tr>
<tr>
<td>SLWF</td>
<td>Watchman Floodlight Existing O/H Supply Steel / Concrete Pole - Materials</td>
</tr>
<tr>
<td></td>
<td>Watchman Floodlight Existing O/H Supply Steel / Concrete Pole - Construction</td>
</tr>
<tr>
<td>SLWF</td>
<td>Watchman Floodlight Existing U/G Supply Steel / Concrete Pole - Materials &amp; Construction</td>
</tr>
<tr>
<td>SLWF</td>
<td>Watchman Floodlight Existing Customer Property Pole O/H Supply - Materials &amp; Construction</td>
</tr>
<tr>
<td>SLBPM</td>
<td>Major Road BPM Steel Pole / Foundation - U/G Service</td>
</tr>
<tr>
<td>SLPX</td>
<td>Pedestrian Crossing Floodlight Single - Materials</td>
</tr>
<tr>
<td>SLBPM</td>
<td>Major Road BPM Steel Pole / Foundation - O/H Service</td>
</tr>
<tr>
<td>SLPX</td>
<td>Pedestrian Crossing Floodlight Single - Construction</td>
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<tr>
<td>SLBPM</td>
<td>Major Road BPM Steel Pole / Foundation - U/G Service Pedestrian Crossing Floodlight Type PF3 - Materials</td>
</tr>
<tr>
<td>SLPX</td>
<td>Pedestrian Crossing Floodlight Type PF3 - Construction</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 01/11/10
LED PEDESTRIAN CROSSING CONSTRUCTION TYPE

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

SLED PH 1012 F

STREETLIGHT
SLED = Streetlight LED

SUPPLIER IDENTIFIER
GL = Gerard Lighting
PH = Philips Lighting

BILLABLE LOAD / LAMP WATTAGE
3128 = 312.8W
1012 = 101.2W
2029 = 202.9W

LUMINAIRE TYPE
F = Pedestrian Crossing Floodlight

EXAMPLE:- SLEDPH1012F = Streetlight pedestrian crossing LED, Philips Lighting 101.2W floodlight

PEDESTRIAN CROSSING CONSTRUCTION TYPE

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

SL S250 F

STREETLIGHT
SL = Streetlight

BILLABLE LOAD / LAMP WATTAGE
S250 = HPS 250W Clear
S400 = HPS 400W Clear
H250 = Metal Halide 250W Clear
H400 = Metal Halide 400W Clear

LUMINAIRE TYPE
F = Pedestrian Crossing Floodlight

EXAMPLE:- SLS250F = Streetlight, HPS 250W, Pedestrian Crossing floodlight
WATCHMAN FLOODLIGHT CONSTRUCTION TYPE

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

LAMP WATTAGE AND TYPE

SL S150 W

STREETLIGHT
SL = Streetlight

S150 = HPS 150W
S250 = HPS 250W
S400 = HPS 400W
H150 = H 150W
H250 = H 250W
H400 = H 400W

LUMINAIRE TYPE
W = Watchman Floodlight

EXAMPLE:- SW S150 W = Streetlight, HPS 150W, Watchman Floodlight

WATCHMAN LED FLOODLIGHT CONSTRUCTION TYPE

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

LUMINAIRE TYPE
W = Watchman Floodlight

SUPPLIER IDENTIFIER
PH = Philips Lighting

BILLABLE LOAD
0713 = 71.3W
1012 = 101.2W
2029 = 202.9W

STREETLIGHT
SLED = Streetlight LED

SLED PH 0713 W

EXAMPLE:- SLED PH 0713 W = Streetlight LED, Philips Lighting, 71.3W, Watchman Floodlight
POLE BRACKETS CONSTRUCTION TYPE

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

**Example:**

S W 1 ABC = Streetlight, Wood Pole, Single, LVABC mains

- **STREETLIGHT**
  - S = Streetlight
  - SLED = Streetlight LED

- **POLE TYPE**
  - W = Wood Pole
  - C = Concrete / Steel
  - P = Private

- **NO. OF OUTREACH**
  - 1 = Single

- **CONNECTION**
  - ABC = LV ABC Mains
  - AL = Aluminium Mains
  - Cu = Copper Mains
  - SER = ABC Service
  - UG = Underground
### MATERIAL - FLOODLIGHT LED WATCHMAN

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>914-1</td>
<td>Watchman floodlight L70</td>
<td></td>
</tr>
<tr>
<td>914-2</td>
<td>Watchman floodlight L100</td>
<td>1</td>
</tr>
<tr>
<td>914-3</td>
<td>Watchman floodlight L200</td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL - BRACKET & SUPPLY

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<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>6-35mm Aluminium / 4-35mm Copper thru connector</td>
<td>2</td>
</tr>
<tr>
<td>804-6</td>
<td>Connector tap-off bare aluminium main</td>
<td></td>
</tr>
<tr>
<td>804-7</td>
<td>Connector tap-off bare copper main</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>803-1</td>
<td>Saddle (20mm) to wood pole</td>
<td>AR</td>
</tr>
<tr>
<td>803-6</td>
<td>Bracket support to crossarm</td>
<td>AR</td>
</tr>
<tr>
<td>904-1</td>
<td>Fuseholder, with 10A HRC, type 10G</td>
<td></td>
</tr>
<tr>
<td>915-1</td>
<td>Bracket LED watchman to wood pole</td>
<td></td>
</tr>
<tr>
<td>916-1</td>
<td>Bracket watchman floodlight to wood pole</td>
<td></td>
</tr>
</tbody>
</table>

### NOTES:

1. Bracket / Floodlight shall be mounted such that they are not contacting other pole top hardware e.g. crossarm, arm braces, etc.
2. Bracket / Floodlight minimum clearance to conductors:
   - LV = 100mm
   - 11kV/22kV/33kV = 1200mm
   - 66kV = 1800mm
3. Open wire conductor configuration depends on regional location - configuration is illustrative only.
CONSTRUCTION TYPE

SLED (Luminaire)

SW (Bracket)

SL (Luminaire)

CONNECTION TO LV ABC MAINS

Assy 803-1 (EE) or Assy 804-2 (EGX)
Assy 805-6
Wood Pole

300

CONNECTION TO OPEN WIRE MAINS

Assy Selection
804-6 or 7
Assy 803-6
300 intervals

Assy 805-6
Assy 803-1
@ 500 crs

CONNECTION TO O/H SERVICE

Assy 804-1 (EE) or Assy 804-2 (EGX)
Assy 805-6
Wood Pole

Assy 805-1 (EE)

Assy 803-1
@ 500 crs

CONDUCTOR CLEARANCE
Refer note 1

CONDUCTOR CLEARANCE
300

CONDUCTOR CLEARANCE
4.5m min. height
lowest point to G.L.

Assy 914-1 to 9
Assy 915-1 or 916-1

Assy 904-1
Assy 805-6

Assy 803-1

Assy 805-6

Assy 803-1

CONDUCTOR CLEARANCE
914-1 to 9

Assy 805-6

Assy 803-1

Assy 904-1

CONDUCTOR CLEARANCE
4.5m min. height
lowest point to G.L.

Assy 914-1 to 9
Assy 915-1 or 916-1

Assy 904-1

CONDUCTOR CLEARANCE
4.5m min. height
lowest point to G.L.

Assy 914-1 to 9
Assy 915-1 or 916-1

Assy 904-1

CONDUCTOR CLEARANCE
4.5m min. height
lowest point to G.L.

Assy 914-1 to 9
Assy 915-1 or 916-1

Assy 904-1

CONDUCTOR CLEARANCE
4.5m min. height
lowest point to G.L.

Assy 914-1 to 9
Assy 915-1 or 916-1

Assy 904-1

CONDUCTOR CLEARANCE
4.5m min. height
lowest point to G.L.
### MATERIAL - FLOODLIGHT LED WATCHMAN

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>914-1</td>
<td>Watchman floodlight L70</td>
<td>1</td>
</tr>
<tr>
<td>914-2</td>
<td>Watchman floodlight L100</td>
<td></td>
</tr>
<tr>
<td>914-3</td>
<td>Watchman floodlight L200</td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL - BRACKET & SUPPLY

<table>
<thead>
<tr>
<th>ASSY</th>
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<tbody>
<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>6-35mm Aluminium / 4-35mm Copper thru connector</td>
<td></td>
</tr>
<tr>
<td>804-6</td>
<td>Connector tap-off bare aluminium main</td>
<td></td>
</tr>
<tr>
<td>804-7</td>
<td>Connector tap-off bare copper main</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>866-1</td>
<td>Fuseholder, with 10A HRC, type 10G (steel / conc)</td>
<td>1</td>
</tr>
<tr>
<td>915-2</td>
<td>Bracket LED watchman to steel / conc pole</td>
<td>1</td>
</tr>
<tr>
<td>916-2</td>
<td>Bracket watchman floodlight to steel / conc pole</td>
<td></td>
</tr>
</tbody>
</table>

### MATERIAL - FLOODLIGHT WATCHMAN

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>914-4</td>
<td>Watchman floodlight S150</td>
<td></td>
</tr>
<tr>
<td>914-5</td>
<td>Watchman floodlight S250</td>
<td>1</td>
</tr>
<tr>
<td>914-6</td>
<td>Watchman floodlight S400</td>
<td></td>
</tr>
<tr>
<td>914-7</td>
<td>Watchman floodlight H150</td>
<td></td>
</tr>
<tr>
<td>914-8</td>
<td>Watchman floodlight H250</td>
<td></td>
</tr>
<tr>
<td>914-9</td>
<td>Watchman floodlight H400</td>
<td></td>
</tr>
</tbody>
</table>

### NOTES:

1. Bracket / Floodlight shall be mounted such that they are not contacting other pole top hardware e.g. crossarm, arm braces, etc.

2. Bracket / Floodlight minimum clearance to conductors:
   - LV = 100mm
   - 11kV/22kV/33kV = 1200mm
   - 66kV = 1800mm

3. Open wire conductor configuration depends on regional location - configuration is illustrative only.
**Construction Type**

FLOODLIGHTING

**MATERIAL - FLOODLIGHT LED WATCHMAN**

<table>
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<tr>
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<tbody>
<tr>
<td>914-1</td>
<td>Watchman floodlight L70</td>
<td>1</td>
</tr>
<tr>
<td>914-2</td>
<td>Watchman floodlight L100</td>
<td></td>
</tr>
<tr>
<td>914-3</td>
<td>Watchman floodlight L200</td>
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**MATERIAL - BRACKET & SUPPLY**

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<tbody>
<tr>
<td>805-6</td>
<td>Conduit PVC flexible - 16mm</td>
<td>AR</td>
</tr>
<tr>
<td>883-1</td>
<td>Watchman floodlight circuit breaker</td>
<td>1</td>
</tr>
<tr>
<td>906-2</td>
<td>Bandit strap (19mm) to pole</td>
<td>AR</td>
</tr>
<tr>
<td>915-2</td>
<td>Bracket LED watchman to steel / conc pole</td>
<td>1</td>
</tr>
<tr>
<td>916-2</td>
<td>Bracket watchman floodlight to steel / conc pole</td>
<td></td>
</tr>
</tbody>
</table>

**MATERIAL - FLOODLIGHT WATCHMAN**

<table>
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<tr>
<td>914-4</td>
<td>Watchman floodlight S150</td>
<td></td>
</tr>
<tr>
<td>914-5</td>
<td>Watchman floodlight S250</td>
<td></td>
</tr>
<tr>
<td>914-6</td>
<td>Watchman floodlight S400</td>
<td></td>
</tr>
<tr>
<td>914-7</td>
<td>Watchman floodlight H150</td>
<td></td>
</tr>
<tr>
<td>914-8</td>
<td>Watchman floodlight H250</td>
<td></td>
</tr>
<tr>
<td>914-9</td>
<td>Watchman floodlight H400</td>
<td></td>
</tr>
</tbody>
</table>

**Diagram Details**

- **Assy Selection**
  - 914-1 to 9
  - 915-2 Assorted
  - 916-2 Assorted

- **Construction Type**
  - (Luminaire) **SL**
  - (Luminaire) **SLED**

- **Streetlight pole, luminaire & overhead service not included in this construction**

- **Ø26mm cable entry hole**
- **Assy 805-6**
- **Assy 906-2**
- **Assy 883-1**

- **4.5m min. height lowest point to G.L.**

- **Construction Type**
  - **FLOODLIGHTING**
  - **WATCHMAN FLOODLIGHT EXISTING U/G SUPPLY**
  - **STEEL / CONCRETE POLE - CONSTRUCTION**

- **Assy Selection**
  - **Assorted**

- **Hard Copy Uncontrolled**

- **E 26.06.19**
### MATERIAL - FLOODLIGHT LED WATCHMAN

<table>
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<td>914-2</td>
<td>Watchman floodlight L100</td>
<td></td>
</tr>
<tr>
<td>914-3</td>
<td>Watchman floodlight L200</td>
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### MATERIAL

<table>
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<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
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<tbody>
<tr>
<td>803-1</td>
<td>Saddle (20mm) to wood pole</td>
<td></td>
</tr>
<tr>
<td>805-6</td>
<td>Conduit PVC flexible 16mm</td>
<td>AR</td>
</tr>
<tr>
<td>884-1</td>
<td>Consumer’s property pole label</td>
<td>1</td>
</tr>
<tr>
<td>904-1</td>
<td>Fuseholder, with 10A HRC, type 10G</td>
<td>1</td>
</tr>
<tr>
<td>915-1</td>
<td>Bracket LED watchman to wood pole</td>
<td>1</td>
</tr>
<tr>
<td>916-1</td>
<td>Bracket watchman floodlight to wood pole</td>
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### MATERIAL - FLOODLIGHT WATCHMAN

<table>
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<tr>
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<td>Watchman floodlight S150</td>
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<td>Watchman floodlight S250</td>
<td></td>
</tr>
<tr>
<td>914-6</td>
<td>Watchman floodlight S400</td>
<td></td>
</tr>
<tr>
<td>914-7</td>
<td>Watchman floodlight H150</td>
<td></td>
</tr>
<tr>
<td>914-8</td>
<td>Watchman floodlight H250</td>
<td></td>
</tr>
<tr>
<td>914-9</td>
<td>Watchman floodlight H400</td>
<td></td>
</tr>
</tbody>
</table>

Overhead supply & pole not included in this construction

Assy Selection 914-1 to 9

Assy 803-1

Assy 904-1

4.5m min. height lowest point to G.L.

Wood Pole

Construction Type

- **SLED** (Luminaire)
- **SW** (Bracket)
- **SL** (Luminaire)
### MATERIAL - POLE & OUTREACH

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<tbody>
<tr>
<td>808-1</td>
<td>Outreach arm - single</td>
<td>1.5</td>
<td>809-3</td>
<td>Pedestrian Floodlight L100</td>
<td>1</td>
</tr>
<tr>
<td>808-2</td>
<td>Outreach arm - single</td>
<td>3.0</td>
<td>809-2</td>
<td>Pedestrian Floodlight L300</td>
<td>1</td>
</tr>
<tr>
<td>808-3</td>
<td>Outreach arm - single</td>
<td>4.5</td>
<td>809-1</td>
<td>Pedestrian Floodlight S250</td>
<td>1</td>
</tr>
<tr>
<td>809-6</td>
<td>Pole base plate mounted steel</td>
<td>7.0</td>
<td>809-4</td>
<td>Pedestrian Floodlight S400</td>
<td>1</td>
</tr>
<tr>
<td>809-7</td>
<td>Pole base plate mounted steel</td>
<td>8.5</td>
<td>809-5</td>
<td>Pedestrian Floodlight H250</td>
<td>1</td>
</tr>
<tr>
<td>809-8</td>
<td>Pole base plate mounted steel</td>
<td>10.0</td>
<td>809-6</td>
<td>Pedestrian Floodlight H400</td>
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<tr>
<td>811-1</td>
<td>Terminal panel and cable to single outreach arm</td>
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<td>808-7</td>
<td>Pedestrian Floodlight L200</td>
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<tr>
<td>846-1</td>
<td>Pedestrian floodlight outreach extension</td>
<td></td>
<td>809-7</td>
<td>Pedestrian Floodlight L300</td>
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### MATERIAL - POLE & OUTREACH

<table>
<thead>
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<th>ASSY</th>
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<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>810-2</td>
<td>Foundation 350 PCD BPM steel pole - 1 conduit</td>
<td>1</td>
<td>842-2</td>
<td>Foundation precast 350 PCD BPM steel pole - 1 conduit</td>
<td>1</td>
</tr>
<tr>
<td>813-2</td>
<td>Foundation 350 PCD BPM (special purpose) - 1 conduit</td>
<td>1</td>
<td>868-7</td>
<td>Pedestrian Floodlight L200</td>
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</table>

### MATERIAL - LUMINAIRE & BRACKET

<table>
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<th>DESCRIPTION</th>
<th>QTY</th>
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<tbody>
<tr>
<td>868-1</td>
<td>Pedestrian Floodlight L100</td>
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<tr>
<td>868-2</td>
<td>Pedestrian Floodlight L300</td>
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</tr>
<tr>
<td>868-3</td>
<td>Pedestrian Floodlight S250</td>
<td>1</td>
</tr>
<tr>
<td>868-4</td>
<td>Pedestrian Floodlight S400</td>
<td>1</td>
</tr>
<tr>
<td>868-5</td>
<td>Pedestrian Floodlight H250</td>
<td>1</td>
</tr>
<tr>
<td>868-6</td>
<td>Pedestrian Floodlight H400</td>
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</tr>
<tr>
<td>868-7</td>
<td>Pedestrian Floodlight L200</td>
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### MATERIAL - FOUNDATION

<table>
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<tr>
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<th>QTY</th>
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<tbody>
<tr>
<td>810-2</td>
<td>Foundation 350 PCD BPM steel pole - 1 conduit</td>
<td>1</td>
</tr>
<tr>
<td>842-2</td>
<td>Foundation precast 350 PCD BPM steel pole - 1 conduit</td>
<td>1</td>
</tr>
<tr>
<td>813-2</td>
<td>Foundation 350 PCD BPM (special purpose) - 1 conduit</td>
<td>1</td>
</tr>
</tbody>
</table>

### NOTES:

1. Access door to be on side of pole that is least hazardous to maintenance personnel (normally facing building line).
2. For location of terminal chamber relative to double outreach refer diagram below.
3. Neutral and earth terminals of terminal panel are to be bridged. Make bridge only after polarity has been established.
4. Ensure contact area between Base Plate and hold down bolt washers is clean, free of paint, and bolts are tight.

Double outreach

Traffic flow

Terminal chamber door

DOUBLE OUTREACH POLE ORIENTATION

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Approved Energex: A. Bletchly 09/08/19
Approved Ergon: A. Bletchly 09/08/19
Checked: K. Slater 09/08/19
Drawn: L. Burton / T. Borg 01/10/10

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EB DRWG NO: 1-9-7-1
EGX DRWG NO: 10500-A4-1-9-7-1
PROPERTY SIDE

ROAD SIDE

Nominal Mounting Height
9.0m
10.5m
12.0m

Pole Height
7.0m
8.5m
10.0m

40 Grout

Stabilised backfill foundation refer Construction Practices Drawing 1-3-7-1

BPM BASE PLATE MOUNTED POLE

For shallow foundation special purpose only.

Assy Selection
808-1 to 3
846-1

Assy Selection
809-6, 7 or 8
811-1

Assy Selection
810-2 or 842-2

(normal soil)

Underground service. Refer Services Drawing No. 1-4-7-1

For unsuitable soil conditions. Refer Assemblies - Page 1-2-810 note 7.

Assy Selection
813-2

Construction Type
(Luminaire) SL
(Luminaire) SLED

For shallow foundation special purpose only.

EE DRWG NO: 1-9-7-2

LIGHTING
FLOODLIGHTING
MAJOR ROAD BPM STEEL POLE / FOUNDATION - U/G SERVICE
PEDESTRIAN CROSSING FLOODLIGHT SINGLE - CONSTRUCTION

VOLUME FOLDER PAGE ISSUE
1 9 7-2 0C
### MATERIAL - POLE & OUTREACH

<table>
<thead>
<tr>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ASSY</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<tbody>
<tr>
<td>868-1</td>
<td>Pedestrian Floodlight L100</td>
<td>1</td>
<td>869-3</td>
<td>Floodlight adapter - Philips Tango (small)</td>
<td>1</td>
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<tr>
<td>868-2</td>
<td>Pedestrian Floodlight L300</td>
<td>1</td>
<td>869-2</td>
<td>Floodlight adapter - Pierlite</td>
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<td>868-3</td>
<td>Pedestrian Floodlight S250</td>
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<td>Floodlight adapter - HID</td>
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<tr>
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<td>Pedestrian Floodlight S400</td>
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<td>868-7</td>
<td>Pedestrian Floodlight L200</td>
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<td>869-4</td>
<td>Floodlight adapter - Philips Tango (medium)</td>
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### MATERIAL - FOUNDATION

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<tr>
<td>810-2</td>
<td>Foundation 350 PCD BPM steel pole - 1 conduit</td>
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<tr>
<td>842-2</td>
<td>Foundation precast 350 PCD BPM steel pole - 1 conduit</td>
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</tr>
<tr>
<td>843-2</td>
<td>Foundation 350 PCD BPM (special purpose) - 1 conduit</td>
<td>1</td>
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</tbody>
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### MATERIAL - LUMINAIRE & BRACKET

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### NOTES:

1. Access door to be on side of pole that is least hazardous to maintenance personnel (normally facing building line).
2. For location of terminal chamber relative to double outreach refer diagram below.
3. Neutral and earth terminals of terminal panel are to be bridged. Make bridge only after polarity has been established.
4. Ensure contact area between Base Plate and hold down bolt washers is clean, free of paint, and bolts are tight.

![Diagram of Double Outreach Pole Orientation](attachment:image.png)
BPM BASE PLATE MOUNTED POLE

Full ribbed core is neutral

Assy 804-1 (EE) or Assy 804-2 (EGX)
Assy 805-1 (EE)

40 Grout

Nominal Mounting Height
9.0m
10.5m
12.0m

Pole Height
7.0m
8.5m
10.0m

Fully ribbed core is neutral

Property Side

Road Side

Overhead service. Refer Services Drawing No. 1-4-3-1, 1-4-4-1 & 1-4-5-1

Assy Selection
800-6
807-6

Assy Selection
809-6, 7 or 8

Assy Selection
811-1 or 2

Assy Selection
810-2 or 842-2

Assy Selection
813-2
For unsuitable soil conditions.
Refer Assemblies - Page 1-2-810 note 7.

For shallow foundation special purpose only.

Assy Selection - Page 1-3-7-1

Construction Type

(Luminaire) SL
(Luminaire) SLED

(Pole, Outreach & Foundation) SLBPM

Approved Ergon
Date

A. Bletchly
09/08/19

ECL

REFERENCE DRAWING ENERGEX EE DRWG NO: 1-9-8-2

Volume Folder Page Issue

01/10/10

L. Burton / T. Borg

ABN 50 087 646 062

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A. Bletchly

ABN 40 078 849 055

ENERGY CORPORATION LIMITED

REFERENCE DRAWING ERGON EGX DRWG NO: 10500-A4-1-9-8-2

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K. Slater

09/08/19

L. Burton / T. Borg

01/10/10

1 9 8-2 0C
**MATERIAL - POLE & OUTREACH**

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<tbody>
<tr>
<td>893-1</td>
<td>Pedestrian Outreach Arm PF3</td>
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<tr>
<td>809-6</td>
<td>Pole base plate mounted steel</td>
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<tr>
<td>809-7</td>
<td>7.0m height</td>
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<tr>
<td>809-8</td>
<td>8.5m height</td>
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</tr>
<tr>
<td>809-9</td>
<td>10.0m height</td>
<td>1</td>
</tr>
<tr>
<td>809-10</td>
<td>13.0m height</td>
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</tr>
<tr>
<td>811-2</td>
<td>Terminal panel and cable to double outreach arm</td>
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**NOTES:**

1. Access door to be on side of pole that is least hazardous to maintenance personnel (normally facing building line).
2. Neutral and earth terminals of terminal panel are to be bridged. Make bridge only after polarity has been established.
3. Ensure contact area between Base Plate and hold down bolt washers is clean, free of paint and bolts are tight.

**MATERIAL - FOUNDATION**

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**LIGHTING**

**FLOODLIGHTING**

**BPM U/G FOUNDATION PEDESTRIAN CROSSING**

**FLOODLIGHT COMBINATIONS - MATERIAL**

Approved Ergon: A. Bletchly 09/08/19

Approved Energex: A. Bletchly 09/08/19

Checked: K. Slater 09/08/19

Drawn: L. Burton / T. Borg 14/10/10
BPM BASE PLATE MOUNTED POLE

For Precast Foundations
Stabilised backfill foundation
Refer Construction Practices
Drawing No. 1-3-7-1

For unsuitable soil conditions.
Refer 1-2-810 note 7.

Assy Selection
809-6 to 9

Assy Selection
811-2

Assy Selection
810-2 or
839-2 or
842-2

(normal soil)

Nominal Mounting Height
9.0m
10.5m
12.0m
15.0m

Pole Height
7.0m
8.5m
10.0m
13.0m

2.0m

40 Grout

Underground service.
Refer Services
Drawing No. 1-4-7-1

Pole, Outreach & Foundation

Construction Type
(Luminaire) SL
(Luminaire) SLED
(Pole, Outright & Foundation) SLBPM

LIGHTING
FLOODLIGHTING
BPM FOUNDATION - U/G SVC PEDESTRIAN CROSSING
FLOODLIGHT COMBINATIONS - CONSTRUCTION

Approved Ergon
A. Bletchly 09/08/19

Approved Energex
A. Bletchly 09/08/19

Checked
K. Slater 09/08/19

Drawn
L. Burton / T. Borg 14/10/10

EER DRWG NO: 10500-A4-1-9-11-2

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