

and complete with the following:-

- Secure fixing to site (eg concrete plinth for in-ground up-lighters, bollards, etc).
- Free from moisture.
- Vandal resistant screws.
- Vandal resistant materials.
- UV Stabilised.
- Where painted, final colour shall be to Superintendents approval and paint shall be anti-graffiti full height.
- Where located within 5 km of the river, ensure all fixings are marine grade aluminium, 316 grade stainless steel, or hot dipped galvanised steel. Ensure dissimilar metals are adequately separated to prevent corrosion.
- All lighting circuits shall be protected by RCDs in accordance with AS/NZS 3000.
- All fittings shall be clean and all lamps shall be new at Practical Completion.
- All components forming the luminaire shall be compatible to achieve the performance nominated in manufacturer's published data.
- Luminaire manufacturer certified IP Ratings to AS60529 shall not be compromised or reduced due to incorrect or poor installation.
- The IP rating specified for luminaires shall be maintained through installation of fixings, supports and wiring.

POLES

Multi function Poles (MFP)

MFP's shall be supplied from City of Perth approved suppliers complete with all associated brackets and requirements.

The Contractor shall liaise with MFP supplier to ensure all components including baseplate, outreach arm etc are provided with the poles. Inspect the poles and accessories upon delivery and ensure that all components for the complete installation are provided.

The Contractor shall be responsible for coordination and assembly of luminaire mountings and foundations / rag bolts interface, mounting brackets for equipment within the pole bases and access openings.

Fabrication