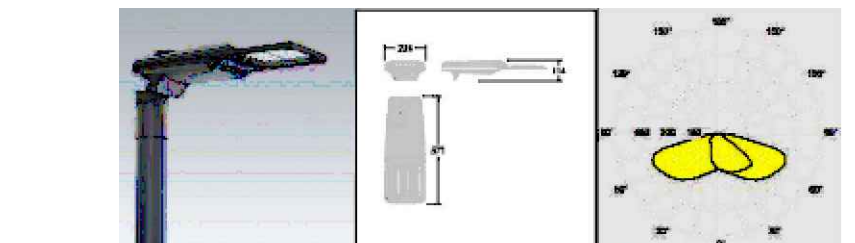


REF: 'X3' LUMINAIRES

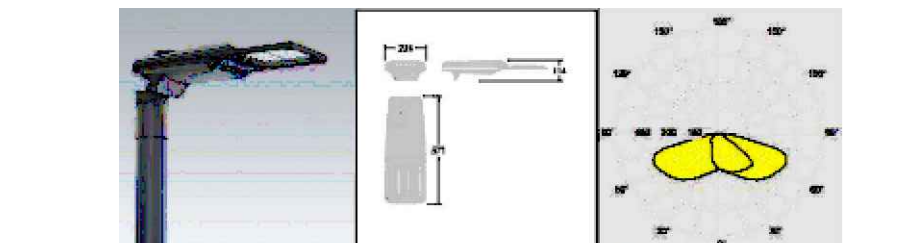
20W LED LAMPS, IP66, IK08, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER.
DIMENSIONS: 57mm x 224mm x 114mm



AS PER SPECIFICATION

REF: 'X4' LUMINAIRES

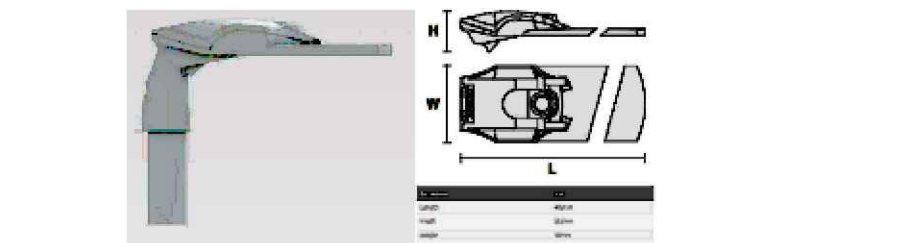
10W LED LAMPS, IP66, IK08, 3070 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER.
DIMENSIONS: 57mm x 224mm x 114mm



AS PER SPECIFICATION

REF: 'X5' LUMINAIRES

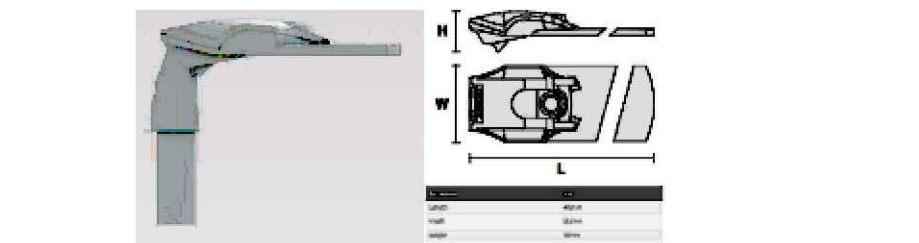
40W LED LAMPS, IP66, IK10, 5625 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, MOUNTED ON A 6m COLUMN.
DIMENSIONS: 476mm x 233mm x 116mm



AS PER SPECIFICATION

REF: 'X6' LUMINAIRES

24W LED LAMPS, IP66, IK10, 2429 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, MOUNTED ON A 6m COLUMN.
DIMENSIONS: 476mm x 233mm x 116mm



AS PER SPECIFICATION

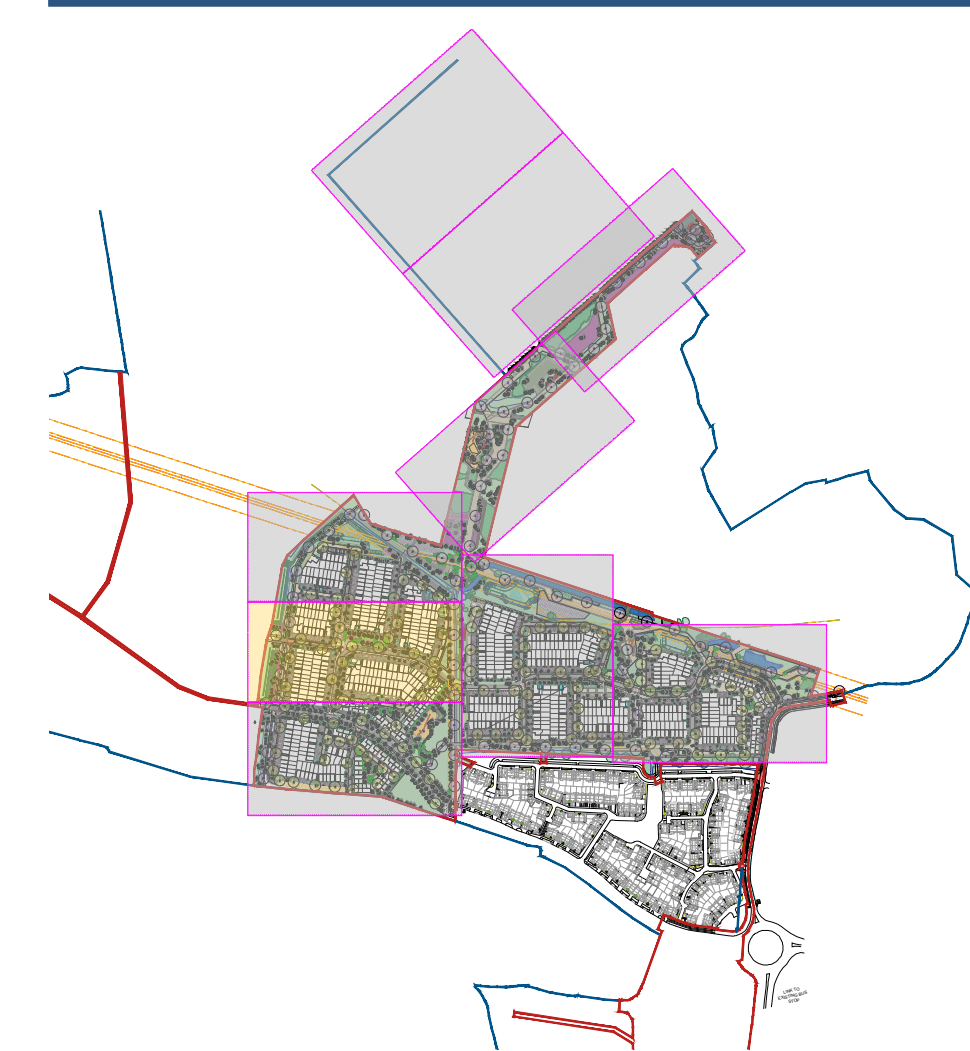
SITE LIGHTING INSTALLATION NOTES

- ALL OUTGOING CIRCUITS SHALL BE INDIVIDUALLY FIRED BY MEANS OF A 10A OR 20A HRC CUT-OUT TYPE AND CAPABLE OF ACCOMMODATING CABLE SIZES UP TO 25mm². THESE FUSES SHALL BE RATED 20A MINIMUM RUP TYPING CAPACITY AND SHALL COMPLY WITH BS88.
- ALL COLUMNS ARE SUPPLIED FROM A LIGHTING MINI-SECTION PILLAR, LOCATED ADJACENT TO THE ESB NETWORKS MINI-SECTION PILLAR. NOT MORE THAN 6 COLUMNS SHALL BE SUPPLIED FROM ANY ONE CIRCUIT AND NOT MORE THAN 4 CIRCUITS SHALL BE TAKEN FROM ANY ONE AUXILIARY MINI-SECTION PILLAR.
- THE DEVELOPER SHALL NOTE THAT NO EXISTING PUBLIC LIGHTS CAN BE REMOVED WITHOUT THE PERMISSION AND APPROVAL OF PUBLIC LIGHTING SERVICES.
- THE DEVELOPER SHALL CONTACT PUBLIC LIGHTING SERVICES AT LEAST 6 WEEKS IN ADVANCE OF WORKS STARTING ON SITE, TO FIND OUT WHAT IS REQUIRED TO BE DONE TO EXISTING PUBLIC LIGHTING THAT IS WITHIN THE SITE BOUNDARY.
- WHERE PUBLIC ROADS ARE TO REMAIN IN USE, THEN THE PUBLIC LIGHTING MUST BE MAINTAINED BY THE DEVELOPER IN AN OPERATING CONDITION THROUGHOUT THE DEVELOPMENT PERIOD.

SITE LIGHTING INSTALLATION NOTES

- LIGHTING POLES TO BE ALUMINIUM, ROOT MOUNTED, CONE SHAPED WITH TOP TAIL OF 90mm Ø CLASS II 4x16mm² SHUNT TERMINAL CONNECTION BLOCK.
- ALL CABLEING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 6mm² CABLES/CONDUITS CONTAINED IN HOPE DUCTS.
- ALL IN-GROUND HOPE DUCTS TO BE INSTALLED BY THE MAIN CONTRACTOR UNDER THE COORDINATION OF THE ELECTRICAL CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL, PRIOR TO THE INSTALLATION, VERIFY THE CAPACITY OF THE IN-GROUND DUCT NETWORK TO THE MAIN CONTRACTOR.
- EACH EXTERNAL LIGHTING LUMINAIRE SHALL BE SWITCHED BY MINATURE PHOTO-ELECTRONIC SWITCH INTEGRATED INTO THE LED LUMINAIRE SUCH AS THE SELC 0462 OR APPROVED EQUAL AND EACH LUMINAIRE SHALL BE INDIVIDUALLY CONTROLLED BY THIS PHOTOCELL.
- THE PHOTOCELL USED SHALL COMPLY WITH THE LATEST VERSION OF BS8972. THE PHOTOCELL CONTROL SHALL SWITCH ON/OFF THE LUMINAIRE AT 30 / 18 LUX RESPECTIVELY.

SITE LIGHTING SHEET KEYPLAN



POSSIBLE FUTURE CONNECTION