

REF: 'X3' LUMINAIRES

20W LED LAMPS, IP66, 1000, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER.
DIMENSIONS: 571mm x 224mm x 114mm



AS PER SPECIFICATION

REF: 'X4' LUMINAIRES

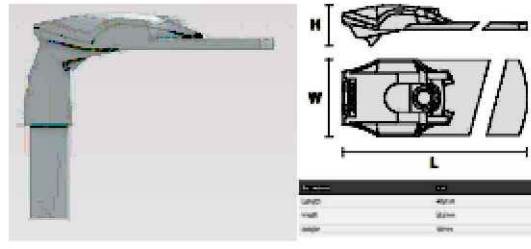
10W LED LAMPS, IP66, 1000, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER.
DIMENSIONS: 571mm x 224mm x 114mm



AS PER SPECIFICATION

REF: 'X5' LUMINAIRES

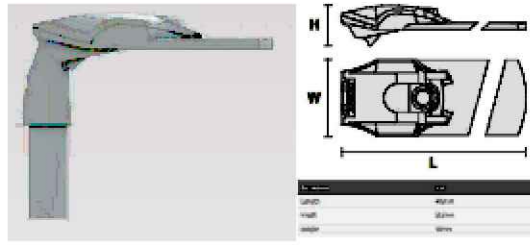
40W LED LAMPS, IP66, 1010, 3025 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER. MOUNTED ON A 6m COLUMN.
DIMENSIONS: 476mm x 233mm x 116mm



AS PER SPECIFICATION

REF: 'X6' LUMINAIRES

24W LED LAMPS, IP66, 1010, 2409 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

- 7.00 ALL OUTGOING CIRCUITS SHALL BE INDIVIDUALLY FUSED BY MEANS OF A 16A OR 20A HRC CUT-OUT TYPE AND CAPABLE OF ACCOMMODATING CABLE SIZES UP TO 25mm². THESE FUSES SHALL BE RATED 20A MINIMUM RUP TURING CAPACITY AND SHALL COMPLY WITH BS88.
- 8.00 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.
- 9.00 THE DEVELOPER SHALL NOTE THAT NO EXISTING PUBLIC LIGHTS CAN BE REMOVED WITHOUT THE PERMISSION AND APPROVAL OF PUBLIC LIGHTING SERVICES.
- 10.00 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.
- 11.00 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

- 1.00 LIGHTING POLES TO BE ALUMINIUM, ROOT MOUNTED, CONE SHAPED WITH TOP TAIL, OF 800mm dia CLASS II 4x16mm² SHUNT TERMINAL CONNECTION BLOCK.
- 2.00 ALL CABLEING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 6mm² CABLES/WALSOLH CONTAINED IN HDPE DUCTS.
- 3.00 ALL IN GROUND HDPE DUCTS TO BE INSTALLED BY THE MAIN CONTRACTOR UNDER THE COORDINATION OF THE ELECTRICAL CONTRACTOR.
- 4.00 THE ELECTRICAL CONTRACTOR SHALL, PRIOR TO THE INSTALLATION, VERIFY THE CAPACITY OF THE IN-GROUND DUCT NETWORK TO THE MAIN CONTRACTOR.
- 5.00 EACH EXTERNAL LIGHTING LUMINAIRE SHALL BE SWITCHED BY MINATURE PHOTO-ELECTRONIC SWITCH INTEGRATED INTO THE LED LUMINAIRE SUCH AS THE SELC 9482 OR APPROVED EQUAL AND EACH LUMINAIRE SHALL BE INDIVIDUALLY CONTROLLED BY THIS PHOTOCCELL.
- 6.00 THE PHOTOCCELL USED SHALL COMPLY WITH THE LATEST VERSION OF BS8972. THE PHOTOCCELL CONTROL SHALL SWITCH ON/OFF THE LUMINAIRE AT 30 / 18 LUX RESPECTIVELY.

SITE LIGHTING SHEET KEYPLAN

