


REF: 'X5' LUMINAIRES


17W, 3000K, 1800lm, tilt angle 45°
MOUNTED 60cm ON LIGHTING COLUMN
DIMS: 106 (D) x 78mm(H)



AS PER LUMINAIRE SCHEDULE

REF: 'X7' LUMINAIRES


26W, 4000K, 2819lm, POLE MOUNTED LUMINAIRE ON 4m HIGH COLUMN
DIMS: Ø 475mm x 590mm (H)



AS PER LUMINAIRE SCHEDULE

REF: 'X8' LUMINAIRES


5W, 3000K, 480lm, SURFACE MOUNTED LUMINAIRE
DIMS: Ø 85mm x 110mm (H)



AS PER LUMINAIRE SCHEDULE

REF: 'X9' LUMINAIRES

4.8W/m, 2700K, 500lm/m, LED STRIP MOUNTED ON 45° PROFILE, DIMMED TO 10 %
DIMS: 10mm (W) x 4mm (H)



AS PER LUMINAIRE SCHEDULE

ISOLUX CONTOUR LINES REFERENCE KEY	
5	5 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)
7.5	7.5 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)
10	10 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)
15	15 LUX (REALITY LIGHTING ISOLUX CONTOUR LINE)

SITE LIGHTING SYMBOLS REFERENCE KEY	
	LIGHTING CIRCUIT
X5 / X6	STREET LIGHTING
X7	AMENITY SPACES
X8	AMENITY SPACES
X9	AMENITY SPACES
LC	LIGHTING COLUMN

- SITE LIGHTING NOTES**
- LIGHTING POLES TO BE ALUMINIUM, ROOT MOUNTED, CONE SHAPED WITH TOP TAIL OF 60mm Ø 4mm GLASS IF 4x15mm² SHUNT TERMINAL CONNECTION BLOCK - HEIGHT 5m ABOVE FINISHED GROUND LEVEL 0+0 TILTING FACILITY TO ALLOW FOR EASE OF MAINTENANCE.
 - LIGHTING POLES TO ACCOMMODATE UP TO 3x3 LIGHT FITTINGS, FITTING BRACKETS TO BE SUITABLE FOR SPECIFIED POLE WITH TOP BRACKET FOR UPPER FITTING DIRECTION OF FITTINGS TO BE CONFIRMED AND COORDINATED ON SITE.
 - ALL CABLEING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 6mm² CABLE/CONDUIT/PIPE 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 MINIMATURE PHOTO-ELECTRONIC SWITCH INTEGRATED INTO THE LED LUMINAIRE SUCH AS THE SELC 442 OR APPROVED EQUAL AND EACH LUMINAIRE SHALL BE INDIVIDUALLY CONTROLLED BY THIS PHOTOCELL.
 - THE PHOTOCELL USED SHALL COMPLY WITH THE LATEST VERSION OF BS5972. THE PHOTOCELL CONTROL SHALL SWITCH ON/OFF THE LUMINAIRE AT 35/18 LUX RESPECTIVELY.
 - ALL OUTGOING CIRCUITS SHALL BE INDIVIDUALLY FUSED BY MEANS OF A 16 OR 20 AMP HRC OUT-GUT TYPE AND CAPABLE OF ACCOMMODATING CABLE SIZES UP TO 25mm². THESE FUSES SHALL BE RATED 20KA MINIMUM RUPTRURING CAPACITY AND SHALL COMPLY WITH BS88.
 - THE CONTRACTOR SHALL MAKE A FULL TECHNICAL SUBMITTAL TO THE DESIGN TEAM FOR ALL EXTERNAL LIGHTING FOR APPROVAL PRIOR TO ORDERING.
 - THE ELECTRICAL CONTRACTOR SHALL REFER TO IN2 ENGINEERING DRAWING No 8 E-001 & E-001 FOR ROUTING OF IN-GROUND DUCTS.
 - THE CONTRACTOR SHALL MAKE A FULL TECHNICAL SUBMITTAL TO THE DESIGN TEAM FOR ALL EXTERNAL LIGHTING FOR APPROVAL PRIOR TO ORDERING.

