

SITE LIGHTING INSTALLATION NOTES

- 1.00 LIGHTING POLES TO BE ALUMINIUM, ROOT MOUNTED, CONE SHAPED WITH TOP TAIL OF Ø60mm c/w CLASS II 4x16mm<sup>2</sup> SHUNT TERMINAL CONNECTION BLOCK.
- 2.00 ALL CABLING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 6mm<sup>2</sup> CU/XLPE/SWA/LSOH 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 MINIATURE PHOTO-ELECTRONIC SWITCH INTEGRATED INTO THE LED LUMINAIRE SUCH AS THE SELC 8482 OR APPROVED EQUAL, AND EACH LUMINAIRE SHALL BE INDIVIDUALLY CONTROLLED BY THIS PHOTOCELL.
- 6.00 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.
- 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 25mm<sup>2</sup>. THESE FUSES SHALL BE RATED 20xA MINIMUM RUPTURING 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.

REF: 'X3' LUMINAIRES

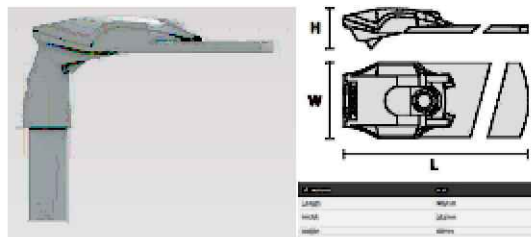
28W LED LAMPS, IP66, IK08, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: 571mm x 224mm x 114mm



AS PER SPECIFICATION

REF: 'X5' LUMINAIRES

48W LED LAMPS, IP66, IK10, 5625 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: 476mm x 233mm x 116mm



AS PER SPECIFICATION

REF: 'X4' LUMINAIRES

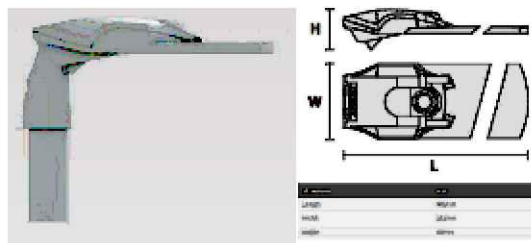
15W LED LAMPS, IP66, IK08, 2070 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: 571mm x 224mm x 114mm



AS PER SPECIFICATION

REF: 'X6' LUMINAIRES

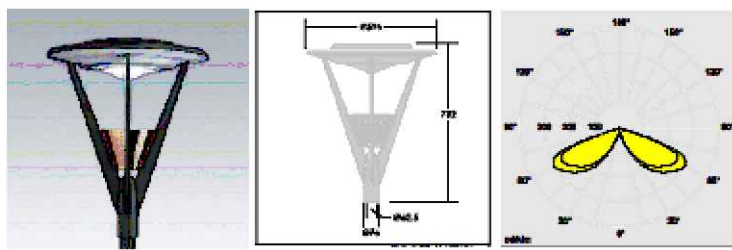
24W LED LAMPS, IP66, IK10, 2409 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: 476mm x 233mm x 116mm



AS PER SPECIFICATION

REF: 'X7' LUMINAIRES

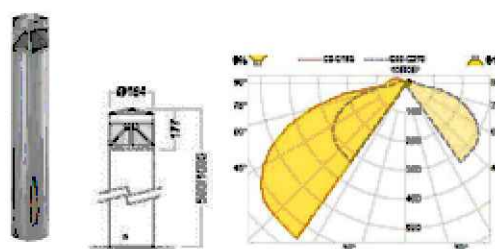
21W LED LAMPS, IP66, IK08, 2240 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: Ø596mm x 732mm (H)



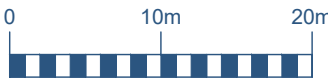
AS PER SPECIFICATION

REF: 'X8' LUMINAIRES

12W LED LAMPS, IP66, IK10, 665 Lumens, 3000K, 1m BOLLARD LUMINAIRE, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: Ø184mm x 1000mm (H)



AS PER SPECIFICATION



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STATUS	DATE	DESCRIPTION	DRN	ENG	APP
P1-2	30.11.2021	WIP STAGE	JL	SOB	JR
P1-1	17.11.2021	WIP STAGE	JL	SOB	JR

PROJECT  
**KILMARTIN LOCAL CENTRE,  
HOLLYWOODRATH, DUBLIN 15**  
CLIENT  
**GLENVEAGH HOMES LIMITED**

DRAWING TITLE  
**ELECTRICAL SERVICES INSTALLATION  
KILMARTIN LC SITE  
SITE LIGHTING LAYOUT**

IN2 REF: **D2036** DRAWING No. **D2036-IN2-KM-SW-00-DR-E-0101**

SCALE **1:500** SIZE **A1**

STATUS  
**P1-2**