



Grid 1
 Eav= 5.26
 Emh= 1.38
 Emax= 14.09
 Emh/Emax= 0.10
 Eav/Emax= 0.26
 Emax/Eav= 2.68

Key
 ● Luminaire A Column
 ● Luminaire B Column

300x300 INSPECTION CHAMBER
 6 SQMM NYC CABLE IN
 TWIN WALL 100MM RED DUCT
 UNMETERED LIGHTING PILLAR OF
 MINIMUM DIMENSION H: 600MM, W:
 300MM, D: 150MM.

LUMINAIRE DATA
 LUMINAIRE A 19V 340KLM
 WARM WHITE PHILIPS LUMA
 MICRO BGP702 D10 CLD (MIN 90%
 INITIAL LUMEN OUTPUT AFTER
 100,000HR) MOUNTED 6M WITH 7-PIN
 WESTIRE PHOTOCELL SET TO U14
 DIMMING PROFILE 12AM TO 6AM

LUMINAIRE B 12V 200KLM
 WARM WHITE PHILIPS LUMA
 MICRO BGP702 D10 CLD (MIN 90%
 INITIAL LUMEN OUTPUT AFTER
 100,000HR) MOUNTED 6M ON HINGED
 COLUMN WITH 7-PIN WESTIRE
 PHOTOCELL SET TO U14 DIMMING
 PROFILE 12AM TO 6AM.

GENERAL NOTES:
 1. ALL COLUMNS SHALL BE SERVICED
 VIA ESB SUPPLIES AND FITTED WITH
 A 25A FUSE
 2. COLUMNS TO BE BS EN 40 RATED,
 CE RATED AND SHALL BE FITTED WITH
 SECONDARY ISOLATION ABOVE THE ESB
 CUT OUT. THE UNIT SHALL BE AS PER
 SPECIFICATION DOCUMENT.
 3. SUB FUSES FOR EXTERNAL SUB
 CIRCUITS SHALL BE FITTED WITH 16A
 BS 88 FUSES. FUSE DISCRIMINATION
 SHALL COMPLY WITH IS 10101.
 4. PRIOR TO ANY EXCAVATION THE
 CONTRACTOR SHALL HAVE REVIEWED
 THE EXISTING SERVICES IN THE AREA
 OF THE EXCAVATION. RESIDUAL RISKS
 WHERE KNOWN HAVE BEEN INDICATED.
 WHERE KNOWN HAVE BEEN INDICATED.
 THESE HAVE BEEN BASED UPON
 DESIGN DRAWING AND MAY HAVE
 CHANGED AT CONSTRUCTION STAGE.
 WHERE THERE ARE KNOWN SERVICES
 IN THE VICINITY OF EXCAVATIONS
 THE CONTRACTOR SHALL ENSURE HAND
 5. IN THIS INSTANCE THE USE OF 3
 DIMENSIONAL MASKING HAS NOT BEEN
 USED TO TAKE INTO CONSIDER THE
 ACTUAL POSITION OF HIGH SIDED
 OBJECTS SUCH AS BUILDINGS AND THE
 LIKE. TREES AND SHRUBS ETC. HAVE
 NOT BEEN CONSIDERED AS THEIR
 MASKING ABILITY WILL VARY WITH
 SEASONAL CONDITIONS.
 6. CORRECT SIZED SPIGOT TO BE USED
 FOR POST TOP MOUNTING. NO ADAPTOR
 TO BE USED.
 7. THIS LIGHTING DESIGN HAS BEEN
 PREPARED IN ACCORDANCE WITH
 BSS489-1:2020 & CORK CITY COUNCIL'S
 EXTERIOR LIGHTING DESIGN
 REQUIREMENTS, GUIDANCE &
 SPECIFICATION MANUAL FOR LIGHTING
 EQUIPMENT SUPPLY, INSTALLATION &
 MAINTENANCE REVISION 10, 2021.
 8. CHAMBER & DUCTING LAYOUT
 PROCEDURE TO BE AS PER CORK CITY
 COUNCIL EXTERIOR LIGHTING DESIGN
 REQUIREMENTS REV10, 2021.