0.5 lux
1.0 lux
3.0 lux
5.0 lux

Notes:
All LED lanterns must have Constant Light Output (CLO).
All lanterns to have 7pin NEMA sockets fitted.

Electronic Photocells switched at 35/18lux
All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting.

No trees to be located within falling distance of P/L columns.
Minimum set-back of columns is 800mm from face of kerb.

Public lighting cable chamber as per Local Authority P/L Dept. specification.

NORTH

Luminaire D E950-28-R3A-727-B2-C0250-7W
5m raise & lower Column. Qty 31

Luminaire E E950-28-F2A-727-B2-C0250-7W
5m raise & lower Column. Qty 1

Luminaire F E950-28-P4A-727-B2-C0250-7W
5m raise & lower Column. Qty 3

Luminaire G AXIA 2.1 5165 Front louvers 8 LED@350mA 727
5m raise & lower Column. Qty 12

Luminaire A E950-28-F2A-727-C600-15W
6m Column. Qty 2

Luminaire D E950-28-R3A-727-B2-C0250-7W
Luminaire B E950-28-L33-727-C550-14W
6m Column. Qty 1 (2 luminaires)
0.3m twin arm stub bracket, armas @90°.

Luminaire B E950-28-L33-727-C550-14W
6m Column. Qty 18

Luminaire B E950-28-L33-727-C550-14W
6m Column. Qty 2 (4 luminaires)

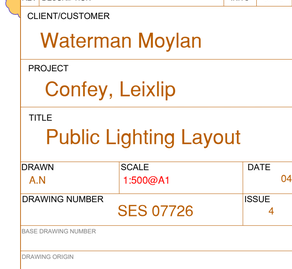
Luminaire C E950-28-R3A-727-C450-11W
6m Column. Qty 12

2X6sq NYCY cable laid in ducting to I.S.10101:2020.
Single wall ducting, colour red to be used manufactured from high density polyethylene (H.D.P.E.).
107mm external diameter, having a wall thickness of 5mm.
This ducting to have the words "Street Lighting" stamped on to be clearly legible at 1m intervals. The lettering to face uppermost in the trench. All works to Local Authority specification.
This is a circuit layout and not indicative of where ducts are to be laid.

Public Lighting Pillar (located at least 2m from ESB pillar)

Typical Base detail, to be checked by site engineers.

COLUMN MOUNTING HEIGHT		12m	10m	8m	6m
COLUMN ROOT DEPTH	A	1.9m	1.7m	1.5m	1.0m
CABLE ENTRY DEPTH		0.3m	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH					
COLUMN DOOR HEIGHT		1.5m	1.5m	1.5m	1.5m
COLUMN SLEEVE SIZE(mm) internal	B	450	400	400	300
EXCAVATION (width x length)	C	1000	800	600	400



NOTES

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NO ACCOUNT IS TAKEN FOR THE BLOCKING EFFECT CAUSED BY BUILDINGS, TREES ETC. THE CALCULATION SHOWN BY THIS DRAWING ASSUMES THAT THE WHOLE AREA BEING CONSIDERED IS IN THE SAME PLANE, I.E. THERE ARE NO CHANGES IN GRADIENT OR ELEVATION.

This drawing layout is based on calculated lighting levels, produced by Sabre Electrical Services Ltd., using Lighting Reality software. Any alterations to the layout or luminaire type used for the lighting design calculations, will require a revised lighting design to be carried-out. A redesign may require approval from the Local Authority Public Lighting Dept. prior to any alterations/modifications being implemented on site.

Sabre
ELECTRICAL SERVICES LTD.
Specialist Contractors
PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING - ESB DUCT PROVING

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REV	DESCRIPTION	INITS	CHK'D	DATE
-	?	GS	CHK	----------
-	?	GS	CHK	----------
-	?	GS	CHK	----------
-	?	GS	CHK	----------
C	Updated Site Layout	AN	CHK	09-11-26
B	Updated site layout and as per comments.	AN	CHK	23-07-26
A	Updated site layout.	AN	CHK	22-07-26

CLIENT/CUSTOMER
Waterman Moylan

PROJECT
Confey, Leixlip

TITLE
Public Lighting Layout

DRAWN	SCALE	DATE
A.N	1:500@A1	04-07-26

DRAWING NUMBER	ISSUE
SES 07726	4

BASE DRAWING NUMBER

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING