



- 0.25 lux

0.5 lux

1.0 lux

3.0 lux

5.0 lux
- Notes:

All LED luminaires must have Constant Light Output (C.L.O).
Automatically dimmed to 75% each night from 12 midnight to 6am.
(U14 Profile)
All luminaires 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.

Public Lighting Cable Chamber
- Luminaire F E950-28-P6A-727-C0400-11W
5m Raise & Lower Column. Qty 16

Luminaire I E951-64-R3-G-727-W5-0350-32W
8m Column. Qty 12

Luminaire L VIA ASY 418mA PCA LED
1.2m bollard. Qty 52

Luminaire M E950-28-R3A-727-C250-8W
5m Raise & Lower Column. Qty 67

Luminaire N E950-28-P4A-727-C550-14W
6m Column. Qty 9
- Luminaire J AXIA 3.3 5279 64 LED@600mA NW
Existing approved LED luminaire

Luminaire K AXIA 3.3 5294 64LED@500mA NW
Existing approved LED luminaire

Luminaire A E950-28-P4A-727-C600-16W
6m Column. Qty 81

Luminaire B E950-28-P4A-727-C200-7W
5m Raise & Lower Column. Qty 7

Luminaire A E950-28-P4A-727-C600-16W
Luminaire B E950-28-P4A-727-C200-7W
6m Column. Twin stub bracket at 180°
Qty 1 (2 Luminaires)

Luminaire C E950-28-F2A-727-C600-16W
6m Column. Qty 31

Luminaire D E950-28-A2A-727-C600-16W
5m Raise & Lower Column. Qty 2

Luminaire E E950-28-P4A-BB-727-SA0525-23W
6m Column. Qty 7

2Xling 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 "Steel Lighting" stamped on
letter size three at 1m intervals. The lettering to face upmost
in the trench. All works to Local Authority specification.
This is a detail layout and not indicative of where ducts are to be laid.

Public Lighting Cable Chamber

Public Lighting Cable Chamber

Typical Base detail, to be checked
by site engineers.

COLUMN MOUNTING HEIGHT	12m	10m	8m	6m
COLUMN ROOT DEPTH	1.8m	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)	1000	800	600	400

Heavy Duty PVC or Concrete pipe
to new D

Lighting Column

25N concrete

Learnmix concrete

25N concrete

Compacted Sand

Heavy Duty PVC or
Concrete pipe to suit

Learnmix concrete

Ground Level

100mm
duct

A

B

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 luminaires 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

UNIT 11,
BELLVUE INDUSTRIAL ESTATE,
FINGLAS,
DUBLIN 11.
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G	Updated as per comments.	AN	CHK	03-05-24
H	Updated to Site Master Plan	AN	CHK	09-07-24
I	Latest landscape background used & additional columns added.	AN	CHK	19-07-24
J	34E & 36E relocated to avoid Swale.	AN	CHK	22-07-24
		AN	CHK	
		AN	CHK	
		AN	CHK	

REV	DESCRIPTION	INTS	CHKD	DATE
	CLIENT/CUSTOMER			
	Liscope Limited			
	PROJECT			
	Kiltarnan Village Ph 1			
	TITLE			
	Public Lighting Layout			
	DRAWN	SCALE	DATE	
	A.N	1:500@A1	09-08-23	
	DRAWING NUMBER	ISSUE		
	SES 09823 Sheet 4	11		
	BASE DRAWING NUMBER			
	DRAWING ORIGIN			
	DO NOT SCALE FROM THIS DRAWING			