

0.25 lux

0.5 lux

1.0 lux

3.0 lux

5.0 lux

NORTH

Wall mounted luminaire DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m

Post Top

0 Degrees

2

8 (PR active) 2W PIR sensor mode

Autopose Defender 8W 12V 12-0-00

Solar PV luminaire with additional PV panel

Luminaire G CIVITEO S - 36LED 4000K LED 700mA - NR Optic

Existing LED luminaire. Spec advised by FCC PL dept. Qty 3

TYPE A COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m Raise & Lower

0.5m bracket

0 Degrees

127

20

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE B COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

1.0m

NA

0 Degrees

7

4

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE C COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m ESB Pole or column mounted

Post Top

0 Degrees

1

23

Urban-Schneider- Axis 2 1- 34 LED

Urban-Schneider- Axis 2 1- 34 LED

TYPE D COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

5m Raise & Lower

0.5m bracket

0 Degrees

13

15

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE E COLUMN DETAILS Existing as per SES 10717 or relocated as required

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

5m Raise & Lower

Post top

0 Degrees

11

10

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE F COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m Raise & Lower & standard

Post Top

0 Degrees

City 5 Raise & Lower & City 2 Standard

20

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE A COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m Raise & Lower

0.5m bracket

0 Degrees

127

20

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE B COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

1.0m

NA

0 Degrees

7

4

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE C COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m ESB Pole or column mounted

Post Top

0 Degrees

1

23

Urban-Schneider- Axis 2 1- 34 LED

Urban-Schneider- Axis 2 1- 34 LED

TYPE D COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

5m Raise & Lower

0.5m bracket

0 Degrees

13

15

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE E COLUMN DETAILS Existing as per SES 10717 or relocated as required

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

5m Raise & Lower

Post top

0 Degrees

11

10

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

TYPE F COLUMN DETAILS

HEIGHT

BRACKET LENGTH

INCINATION

COLUMN QUANTITY

LANTERN DETAILS

WATTAGE (CLO)

MAKE & MODEL

6m Raise & Lower & standard

Post Top

0 Degrees

City 5 Raise & Lower & City 2 Standard

20

Urban-Schneider- Axis 2 1- 8 LED

Urban-Schneider- Axis 2 1- 8 LED

2X5kg 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 items 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 Pillar (located at least 2m from ESB pillar)

COLUMN MOUNTING HEIGHT	12m	10m	8m	6m
COLUMN ROOT DEPTH	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	450	400	400	300
EXCAVATION (width x length)	1000	800	600	400

Heavy Duty PVC or Concrete pipe to view E

Lighting Column

25N concrete

Ground Level

100mm duct

Learnmix concrete

25N concrete

Compacted Sand

Heavy Duty PVC or Concrete pipe to suit

Learnmix concrete

NOTES

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF Sabre LIGHTING DESIGN DEPT. AND IS COPYRIGHT (C) AND CAN NOT BE USED WITHOUT PRIOR CONSENT.

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

UNIT 11, BELLVUE INDUSTRIAL ESTATE, FINGLAS, DUBLIN 11.

E - MAIL: graham@sabrelighting.ie

PH: 01-811 0875

I	Crossing added at Milltown Rd	AN	CHK	14-08-26
J	Additional luminaires updated at crossing points.	AN	CHK	03-09-26
			CHK	
			CHK	
			CHK	
			CHK	
REV	DESCRIPTION	INITS	CHK'D	DATE

CLIENT/CUSTOMER

DBFL

PROJECT

Royal Canal Greenway CH 3200-CH8100

TITLE

Public Lighting Layout

DRAWN

A.N

SCALE

1:500 @A1

DATE

06-07-22

DRAWING NUMBER

SES 08322 Sheet 8

ISSUE

10

BASE DRAWING NUMBER

DRAWING ORIGIN

DBFL

DO NOT SCALE FROM THIS DRAWING

