



1.0 lux
3.0 lux
5.0 lux

- Luminaire A E950-28-F2A-740-C600-16W
6m column. Qty 33
- Luminaire B E950-28-P4A-740-C600-16W
6m column. Qty 56
- Luminaire C E950-28-P4A-740-C350-10W
6m raise & lower column. Qty 25
- Luminaire D ALINEA Handrail 5121 - 3 LED 350mA NW
Handrail module. Qty 23
- Luminaire E AXIA 3.3 5295 64 @500mA NW 740
Existing proposed 10m column as per SES 14220
- Luminaire F VIA ASY 160mA 4000K 42 0005 0000 100
LED Bollard Qty 10

NOTES:
All LED luminaires must have Constant Light Output (CLO), automatically dimmed to 12% each night from 12 midnight to 6am. (L14 Profile)
All luminaires to have 7pin NEMA sockets fitted.
Electronic Photocells switched at 50% Blue
All columns, luminaires, cables 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 900mm from back of kerb.

25sqm NYCY cable laid in ducting to I.S. 10101:2020
Single wall ducting, colour red to be used
Manufactured from high density polyethylene (HDPE),
107mm external diameter, having a wall thickness of 5mm.
This ducting to have the words "Street Lighting" stamped on
letter size 3mm at 1m intervals. The lettering to face upwards
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)
Public lighting cable chamber as per Local Authority P.L. Dept. specification.

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 VEHICLE 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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-	-	GS	CHK	-----
-	-	GS	CHK	-----
-	-	GS	CHK	-----
-	-	GS	CHK	-----
-	-	GS	CHK	-----
-	-	GS	CHK	-----
B	Updated layout & updated as per comments	AN	CHK	27-01-23
A	Updated Site layout	AN	CHK	03-01-23
REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER
Clear Real Estate Holdings Limited

PROJECT
Clonburris – Adamstown Extension

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:500@A1	DATE 22-11-22
DRAWING NUMBER SES 17022 Sheet 1	ISSUE 3	

DRAWING ORIGIN
BASE DRAWING NUMBER

DO NOT SCALE FROM THIS DRAWING



Terrace 4 storey Duplex

R120 Newcastle Road

RAIL - LINE

Clonburris New Link Street/Avenue
(Permitted under 'SDZ 20A-0021')

Area of Works permitted under 'SDZ 20A-0021'

Link road forming part of permitted infrastructural development (SDZ20A/0021) as designed by others.