



- TYPE A COLUMN DETAILS**
- HEIGHT : 6m
 - BRACKET LENGTH : Post-top
 - INCLINATION : 5 Degrees
 - COLUMN QUANTITY : 146
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 16w LED
 - MAKE & MODEL : C.U.Phosco E950-28-P4A-730-C600
- TYPE B COLUMN DETAILS**
- HEIGHT : 5m ABACUS Raise & lower type
 - BRACKET LENGTH : Post-top
 - INCLINATION : 0 Degrees
 - COLUMN QUANTITY : 28
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 8w LED
 - MAKE & MODEL : C.U.Phosco E950-28-R3P-730-C250
- TYPE C COLUMN DETAILS**
- HEIGHT : 6m
 - BRACKET LENGTH : Post-top
 - INCLINATION : 0 Degrees
 - COLUMN QUANTITY : 25
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 19w LED
 - MAKE & MODEL : C.U.Phosco E950-28-F2A-730-C700
- TYPE D COLUMN DETAILS**
- HEIGHT : 6m
 - BRACKET LENGTH : Post-top
 - INCLINATION : 0 Degrees
 - COLUMN QUANTITY : 11
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 22w LED
 - MAKE & MODEL : C.U.Phosco E950-28-R2P-730-SD0500
- TYPE F COLUMN DETAILS**
- HEIGHT : 8m
 - BRACKET LENGTH : Post-top
 - INCLINATION : 0 Degrees
 - COLUMN QUANTITY : 18
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO) : 49w LED
 - MAKE & MODEL : C.U.Phosco P863-128-F2B-730-W3-375
- TYPE E & G are existing columns with various lantern types**

NOTES:

- All LED lanterns must have Constant Light Output (CLO). Automatically dimmed to 75% each night from 12 o'clock to 6am.
- All lanterns to have Type NEMA sockets fitted.
- Electronic Photocells switched at 35/18lux
- 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 800mm from face of kerb.

LEGEND:

- 1.0 lux (Red line)
- 3.0 lux (Orange line)
- 5.0 lux (Yellow line)
- 10.0 lux (Green line)
- 15.0 lux (Blue line)

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

UNIT 11, BELLVUE INDUSTRIAL ESTATE, FINGLAS, DUBLIN 11.
E-MAIL: graham@sabrelighting.ie PH: 01-811 0875

-	?	GS	CHK	-----
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A	Client name updated	GS	CHK	05-09-22
REV	DESCRIPTION	INITS	CHK'D	DATE

CLIENT/CUSTOMER
Arnb Limited & Aspect Homes Limited

PROJECT
Hickey's Lane Ashbourne

TITLE
Public Lighting ISOLUX

DRAWN G.S. SCALE 1:500@A1 DATE 01-09-22

DRAWING NUMBER SES 11822 Sheet 1 ISSUE 2

BASE DRAWING NUMBER edit
DRAWING ORIGIN edit

DO NOT SCALE FROM THIS DRAWING