



- TYPE A COLUMN DETAILS**
- HEIGHT: 6m
 - BRACKET LENGTH: 1.5m
 - INCLINATION: 10 Degrees
 - COLUMN QUANTITY: 10
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO): 375
 - MAKE & MODEL: Ultra-Schreder-INDU Flood Gen2 3-288 LED-6547-NW
- TYPE A1 COLUMN DETAILS**
- HEIGHT: 6m
 - BRACKET LENGTH: 1.5m
 - INCLINATION: 10 Degrees
 - COLUMN QUANTITY: 2
- LANTERN DETAILS**
- AVERAGE WATTAGE (CLO): 31
 - MAKE & MODEL: Ultra-Schreder-INDU Flood Gen2 1-24 LED-6547-NW

NOTES

All LED luminaires must have Constant Light Output (CLO).
 Automatically dimmed to 75% each night from 12 midnight to 6am.
 All luminaires to have Type IIIEMA floodlight fix.

Electronic Photocells switched at 357lux
 All columns, luminaires, cables and pillars, shall comply with Local Authority General Specification for Public Lighting.

No trees to be bracketed within falling distance of PFL columns.
 Minimum set-back of columns is 800mm from face of kerb.

2000g PVCY cable laid in ducting to ETC E1101.
 Single wire ducting, colour red to be used.
 Manufactured from high density polyethylene (HDPE),
 100mm external diameter, having a wall thickness of 6mm.
 This ducting to have the words "Street Lighting" stamped on,
 letter size 5mm at 1m intervals. The lettering to have approval
 in the form of a circular stamp from the Local Authority.
 This is a circuit layout and not indicative of where ducts are to be laid.
 Public Lighting Pillar (pole) at least 2m from ESB (pillar)

Public lighting cable chamber as per Local Authority PFL Dept. specification.

NOTES

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Sabre LIGHTING DESIGN DEPT.

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 GROUND OR ELEVATION.

This drawing is based on calculated lighting levels, produced by Sabre Electrical Services Ltd., using Lighting Raytray 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 luminaire 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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A	Update site layout	AN	CHK	22/06/21
REV	DESCRIPTION	INIT	CHK'D	DATE

CLIENT/CUSTOMER
 Killen Motor Group

PROJECT
 Toyota Liffey Valley

TITLE
 Public Lighting Layout

DRAWN A/N **SCALE** 1:250 @A1 **DATE** 14-06-21

DRAWING NUMBER SES 08921 **ISSUE** 2

BASE DRAWING NUMBER 20101_PA_1-03 Proposed Site Plan.dwg

DRAWING ORIGIN NODE

DO NOT SCALE FROM THIS DRAWING