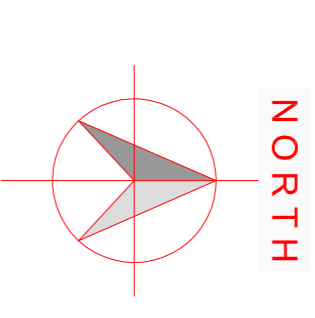


Volt drop calculation for the most onerous circuit

SIZE	LENGTH	CURRENT	RESISTANCE	CABLE	LENGTH	RESISTANCE	VOLTAGE
mm ²	m	A	Ω/km	mm ²	m	Ω/km	V
50	100	1.1	1.0	240	200	1.0	1.41

- TYPE 1 COLUMN DETAILS**
- HEIGHT : 6m
 - INCLINATION : 0 Degrees
 - COLUMN QUANTITY : 4
 - LANTERN DETAILS : 174 LED
 - MAKE & MODEL : CU Photon P150K-12425NM-CB500
- TYPE 2 COLUMN DETAILS**
- HEIGHT : 6m
 - BRACKET LENGTH : Post-top
 - INCLINATION : 0 Degrees
 - LANTERN QUANTITY : 1
 - LANTERN DETAILS : 20W LED
 - WATTAGE (CO) : 20W LED
 - MAKE & MODEL : CU Photon P150K-F34M-CB500



NOTES

All LED luminaires must have Constant Light Output (CLO). Automatically dimmed to 75% each night from 17 midnight to dawn (01:15 Friday). Electronic Photocell, with set at 30% dim.

All columns, brackets, cables and cables shall comply with Local Authority Notices to persons under the jurisdiction of the column. Minimum setback of columns is 500mm from face of foot.

200kg (NFC) cable laid in accordance with S. 01(1) 2000. manufactured from high density polyethylene (HDPE). This drawing is for information only. The lighting design is based on the site plan and is subject to change. The lighting design is based on the site plan and is subject to change. The lighting design is based on the site plan and is subject to change.

Public Lighting Guide (PLG) as per Local Authority PL Dept. specifications.

NOTES

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF SABRE ELECTRICAL SERVICES LTD. AND IS UNLAWFUL TO BE REPRODUCED OR USED WITHOUT WRITTEN CONSENT.

NO ACCOUNT IS TAKEN FOR THE BACKSCATTER EFFECT CAUSED BY BUILDINGS, TREES ETC. THE COLUMN HEIGHTS IN THIS DRAWING ASSUMES THAT THE MINIMUM COLUMN HEIGHT IS 6M. THE COLUMN HEIGHT IS 6M. THE COLUMN HEIGHT IS 6M.

The lighting project is based on standard lighting levels, provided by Sabre Electrical Services Ltd. Lighting levels are based on standard lighting levels, provided by Sabre Electrical Services Ltd. Lighting levels are based on standard lighting levels, provided by Sabre Electrical Services Ltd.

Ready to install. Any alterations to the layout of luminaires, type and/or the lighting design calculations, will be made at the client's expense. Any alterations to the layout of luminaires, type and/or the lighting design calculations, will be made at the client's expense.

Sabre
ELECTRICAL SERVICES LTD.
Specialist Contractors
PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING

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

CHECKLIST

NO.	DESCRIPTION	DATE	BY
1	CS	CHK	.....
2	CS	CHK	.....
3	CS	CHK	.....
4	CS	CHK	.....
5	CS	CHK	.....
6	CS	CHK	.....
7	CS	CHK	.....
8	CS	CHK	.....
9	CS	CHK	.....
10	CS	CHK	.....

CLIENT/CUSTOMER
Howard Building Contractors
Ratfarnham Site

TITLE
Public Lighting Layout

DRAWN : G.S.
SCALE : 1:500 @ A1
DRAWING NUMBER : SES 06725
DATE : 19-04-24
ISSUE : 1

DISCLAIMER
60th
DO NOT SCALE FROM THIS DRAWING