



- Luminaire A P852K-24-R2A-740-HE-0300-15W
6m Column Qty 93
- Luminaire A P852K-24-R2A-740-HE-0300-15W
 Luminaire B P852K-24-R3A-740-HE-0200-10W
6m Column Qty 1 (0.3m Twin arm bracket, 2 luminaires)
- Luminaire B P852K-24-R3A-740-HE-0200-10W
6m Raise & Lower Column Qty 43.
- Luminaire C P852K-24-F2A-740-HE-0300-15W
6m Column Qty 4.
- Luminaire D P852K-24-R3A-740-HE-0450-21W
6m Raise & Lower Column Qty 14.

Notes:
All LED lanterns must have Constant Light Output (CLO).
Automatically dimmed to 75% each night from 12 midnight to 6am. (U14 Profile)
All lanterns to have Type NEMA sockets fitted.

Electronic Photocells switched at 35/18lux.
All columns, luminaires, cable 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.

2X8sq 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 "Street Lighting" stamped on,
letter size 9mm at 1m intervals. The lettering to face uppermost
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

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF LIGHTING DESIGN DEPT.
AND IS COPYRIGHT (C) AND CANNOT 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
Really 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.

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

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-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
B	Updated landscape layout.	AN	CHK	09-04-25
A	Revised site layout.	AN	CHK	07-04-25
REV	DESCRIPTION	INITS	CHKD	DATE
CLIENT/CUSTOMER				
Lagan				
PROJECT				
Ballycullen				
TITLE				
Public Lighting Layout				
DRAWN A.N		SCALE 1:500@A1		DATE 15-12-24
DRAWING NUMBER SES 19624 - Sheet 3			ISSUE 3	
BASE DRAWING NUMBER				
DRAWING ORIGIN				
DO NOT SCALE FROM THIS DRAWING				