



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 NEEM sockets fitted.

Electronic Photocells switched at 35/15lux.
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.

20kgq 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
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
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	-----
-	?	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	CHK'D	DATE

CLIENT/CUSTOMER

Lagan

PROJECT

Ballycullen

TITLE

Public Lighting Layout

DRAWN	SCALE	DATE
A.N	1:500@A1	15-12-24
DRAWING NUMBER	ISSUE	
SES 19624 - Sheet 2	3	

BASE DRAWING NUMBER

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING