



LIGHTING DESIGN CALCULATIONS

LUMINAIRE TYPE A (Road ways)
 AXIA 2.1 5166 - 16 NVSL219CT 600mA NW 740 230V
 Supplier - Urbis Schreder

Horizontal Illuminance
 Eav = 8.62 Lux
 Emin = 2.62 Lux
 Emax = 19.33 Lux
 Emin / Emax = .014
 Emin / Eav = 0.30
 Emax / Eav = 2.2

REVISION	REVISION DESCRIPTION	DRAWN BY	DATE
A	INITIAL ISSUE	SGB	29.03.21

PROJECT DESCRIPTION
**Street Lighting Installation
 Marthastoon,
 Shetland.**

CLIENT

Westside Electrical Services Ltd
 Nyrrhus, Effirrh, Bixter
 Shetland. ZE2 9LY.

AUTOCAD FILE REFERENCE	DRAWN BY	APPROVED BY
WES2103 63E003	SGB	SGB
PROJECT NUMBER	DATE	SCALE
WES2103-01	Mar '21	1 : 200
DRAWING DESCRIPTION	DRAWING NO.	REVISION
Street Lighting Layout With Lighting Calculation Plot	(63)E003	A
ROAD CONSTRUCTION CONSENT		

LEGEND

- PROPOSED NEW STREET LIGHTING COLUMN AND LANTERN