NOTES RELATING TO STREET LIGHTING DESIGN

COLOUR TEMPERATURE: 4000K

Grid 1
Results - Horizontal Illuminance (lux)
Eav= 9.62
Emin= 1.78
Emax= 41.2
Emin/Emax= 0.04
Emin/Eav= 0.19
Emax/Eav= 4.28

Grid 2
Results - Horizontal Illuminance (lux)
Eav= 7.61
Emin= 2.59
Emax= 12.82
Emin/Emax= 0.2
Emin/Eav= 0.34
Emax/Eav= 1.69

LUMINAIRE DATA

Luminaire A
URBIS AXIA 3.1 5267 Integrated lenses   16 OSLON SQUARE GIANT@870mA
Lamp 16 OSLON SQUARE GIANT@870mA NW 70 230V   MF  0.87

Luminaire B
URBIS AXIA 3.1 5267 Integrated lenses   16 OSLON SQUARE GIANT@870mA
Lamp 16 OSLON SQUARE GIANT@870mA NW 70 230V   MF  0.81

Luminaire C
URBIS AXIA 3.1 5267 Integrated lenses   16 OSLON SQUARE GIANT@870mA
Lamp 16 OSLON SQUARE GIANT@870mA NW 70 230V   MF  0.81

Key
- Communal Column
- Communal 8 Column
- Communal 4 Column
- Beam Aiming Target
- Photometric Centre
- Luminaire A Column
- Luminaire B Column

THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS

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NDFA SOCIAL HOUSING PPP BUNDLE 3, EAST WALL ROAD, DUBLIN 3

DRAWING TITLE

PROJECT TITLE

SITE LIGHTING CALCULATION

PLANNING STAGE

DESCRIPTION

REV
ISSUE
DATE

Belfast  +44 (0)28 90331700
Castleblayney  +353 (0)42 9749570

NATURALLY INNOVATIVE CONSULTING ENGINEERS
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01  1:250
NB

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DRAWING REFERENCE

SF
NB

P01
21.09.2021

P02
04.02.2022

NORTH ADDED
P03
04.03.2022

PRE PLANNING ISSUE
P04