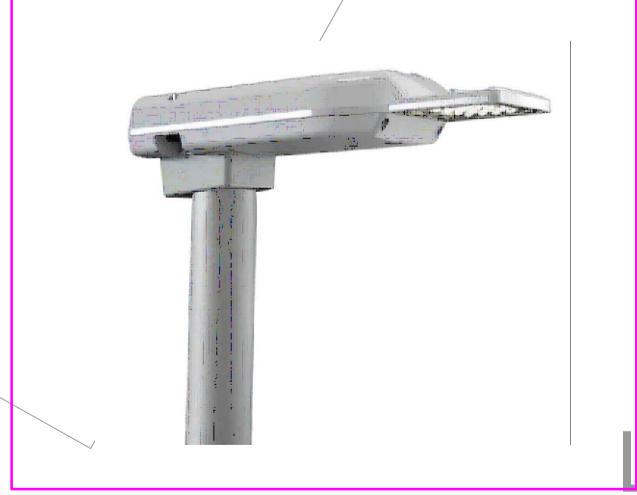


**EX-1 LUMINAIRE**  
**DESCRIPTION:**  
 AXIA 3.1 LED ROAD LIGHTING LANTERN WITH PROGRAMMABLE DRIVER. CLASS I ELECTRICAL, IP66, IK08. HOUSING: DIE-CAST ALUMINIUM BODY.  
**DIMENSIONS:** 513 X 130 X 191 MM  
**LUMINAIRE INPUT POWER:** 25.5 W  
**LUMINAIRE LUMINOUS FLUX:** 3214 LM  
**LUMINAIRE EFFICACY:** 137 LM/W  
**WEIGHT:** 3.6 KG  
**CRI>70**  
**COLOR TEMPERATURE =** 3000K  
**RATED LIFE =** 100K HOURS  
**POWER FACTOR>0.90**



**EX-2 LUMINAIRE**  
**DESCRIPTION:**  
 AXIA 3.1 LED ROAD LIGHTING LANTERN WITH PROGRAMMABLE DRIVER. CLASS I ELECTRICAL, IP66, IK08. HOUSING: DIE-CAST ALUMINIUM BODY.  
**DIMENSIONS:** 513 X 130 X 191 MM  
**LUMINAIRE INPUT POWER:** 16.6 W  
**LUMINAIRE LUMINOUS FLUX:** 2180 LM  
**LUMINAIRE EFFICACY:** 127 LM/W  
**WEIGHT:** 3.6 KG  
**CRI>70**  
**COLOR TEMPERATURE =** 3000K  
**RATED LIFE =** 100K HOURS  
**POWER FACTOR>0.90**



**PL-1 LUMINAIRE**  
**DESCRIPTION:**  
 AXIA 3.2 LED ROAD LIGHTING LANTERN WITH PROGRAMMABLE DRIVER. CLASS I ELECTRICAL, IP66, IK08. HOUSING: DIE-CAST ALUMINIUM BODY.  
**DIMENSIONS:** 585 X 130 X 191 MM  
**LUMINAIRE INPUT POWER:** 69 W  
**LUMINAIRE LUMINOUS FLUX:** 9857 LM  
**LUMINAIRE EFFICACY:** 143 LM/W  
**WEIGHT:** 4.8 KG  
**CRI>70**  
**COLOR TEMPERATURE =** 3000K  
**RATED LIFE =** 100K HOURS  
**POWER FACTOR>0.90**

**ISOINES:**

- 1.0 lx
- 2.0 lx
- 3.0 lx
- 5.0 lx
- 8.0 lx
- 10.0 lx
- 12.0 lx
- 15.0 lx
- 18.0 lx
- 20.0 lx
- 25.0 lx

**LEGEND:**

- EX-1 NEW 8m LIGHTING COLUMN (INTERNAL ROAD)
- EX-2 NEW 8m LIGHTING COLUMN (PEDESTRIAN AREAS)
- EXISTING 8m PUBLIC LIGHTING COLUMN TO BE UPGRADED WHERE NECESSARY (Schreder 3.2 Axio 69W LED)
- PL-1 NEW 8m PUBLIC LIGHTING COLUMN

**General Notes**  
 A. DO NOT SCALE FROM THIS DRAWING. WORK ONLY FROM FIGURED DIMENSIONS.  
 B. ALL ERRORS & OMISSIONS TO BE REPORTED TO THE CONSULTING ENGINEER  
 C. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND STRUCTURAL ENGINEER'S DRAWINGS.  
 D. REFER TO DOCUMENT REGISTER FOR DESCRIPTION OF STATUS CODES.

Rev	Status	Date	Description	D.E.
C01	A3	OCT '22	ISSUE FOR PLANNING	D.D.

Client  
**CORK CITY COUNCIL**  
 Project Title  
**CLOVER HILL COURT SOCIAL HOUSING**

Drawing Title  
**PUBLIC LIGHTING REPORT**

Dublin 01 4872300  
 Cork 021 2375080  
 Roscommon 090 6602380  
 Website www.varming.ie  
**Engineering for the Future**

**Varming**  
 Consulting Engineers Ltd.

Revision <b>C01</b>	Project Drawing Reference <b>19858-VCE-ZZ-ZZ-DR-PL-0001</b>
Status <b>A3</b>	Varming Project Number <b>19858</b>
Date <b>JUN '22</b>	Checked By <b>D.D.</b>
Drawn By <b>G.E.</b>	Scale <b>1:250 @A1</b>

Titleblock Revision: 2020\_1