

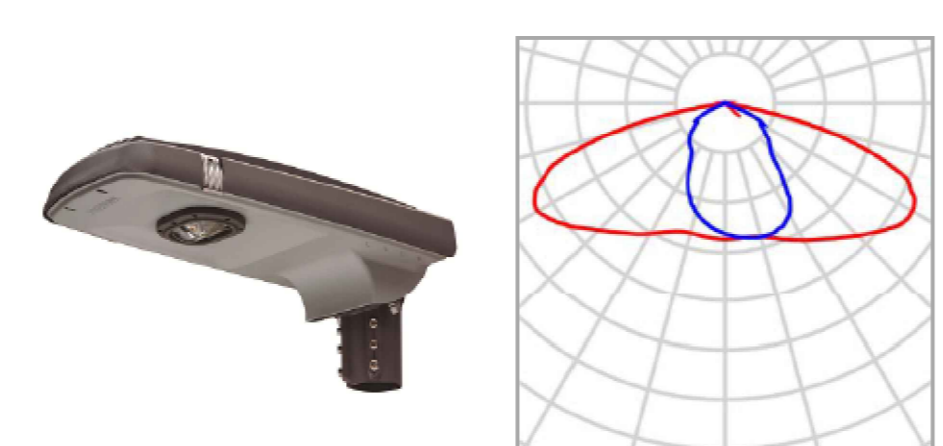
Copyright ©  
 No part of this document may be re-produced or transmitted in any form or stored in any retrieval system of any nature without the written permission of the copyright owner.  
 This drawing to be read in conjunction with all relevant structural drawings and specifications.  
 The drawing to be read in conjunction with all relevant mechanical and electrical drawings and specifications.  
 All dimensions in millimeters. Do not scale from this drawing. Only use figured dimensions only.  
 Contractor must verify all dimensions on site prior to installation of services and production of working drawings.

### Calculation objects

#### Work planes

Properties	E (Target)	E <sub>min</sub>	E <sub>max</sub>	g <sub>1</sub>	g <sub>2</sub>
Workplane (Rosshill Road) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	8.31 lx (≥ 7.50 lx) ✓	2.15 lx	17.3 lx	0.26	0.12
Workplane (Garden) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	11.6 lx (≥ 7.50 lx) ✓	1.58 lx	37.2 lx	0.14	0.042
Workplane (Street and parkings) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	12.3 lx (≥ 7.50 lx) ✓	3.04 lx	30.2 lx	0.25	0.10

### Site 1 Luminaire layout plan

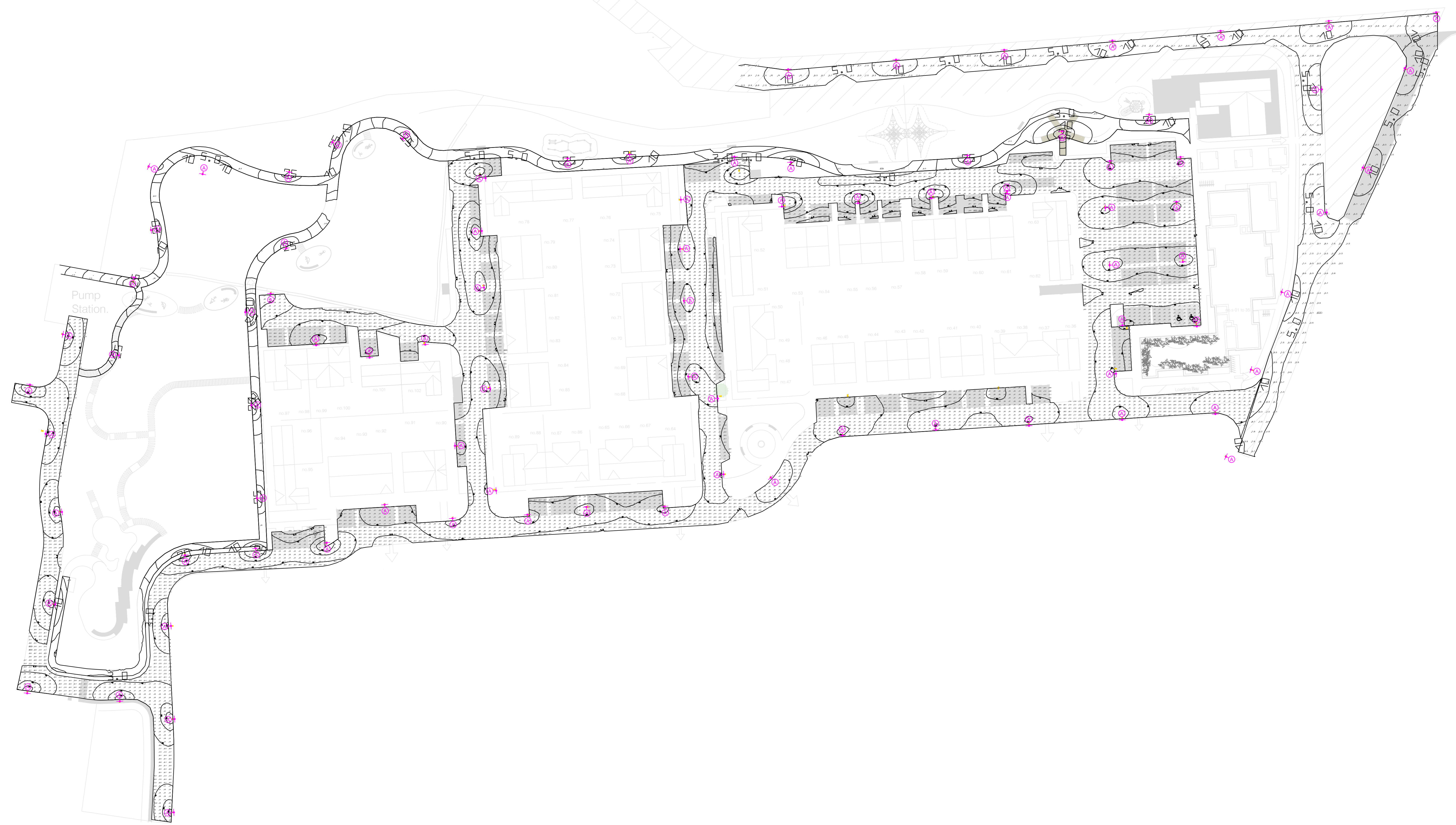


Manufacturer	MICROPLUS GERMANY	P	51.8 W
Article name	MPG-1A-50W	Φ Luminaire	4275 lm
Fitting	1x MICROLED 2700K		

NOTES:

The lighting design complies with BSS489:2013 / BS EN 13201:2003 in accordance with lighting class P3  
 Lightning Columns shall be designed and installed in accordance with BS EN 40  
 LED output shall be minimum of 150lumens/ watt  
 LED LAMP Colour Temperature to be 2700K  
 Public Micro pillar locations are subject to change with future planning applications and ESB approval.  
 Micro pillars shall be connected to the ESB Local Network.

Light Fitting Specification:  
 Microplus 50W Fitting or equal prior approved c/w 10 year warranty complete with individual photocell.



P3	General Issue	22/09/21
P2	Site Revised - Issued for Planning	12/05/21
P1	Issued for Planning	20/01/21
Rev	Description	Date

**MOLONEYFOX**  
 CONSULTING ENGINEERS  
 40 O'Connell Street, Dublin 1, D01 C072  
 Tel: 01 856 2222 | www.moloneyfox.ie

Client: ALBER DEVELOPMENTS LTD.  
 FAIRGREEN HOUSE,  
 FAIRGREEN RD, GALWAY

Architect: O'NEILL O'MALLEY  
 TECHNOLOGY HOUSE,  
 GALWAY

Project: PROVISION FOR WAYLEAVES  
 ROSSHILL, GALWAY CITY

Drawing: ELECTRICAL INSTALLATION  
 LIGHTING SERVICES  
 SITE LAYOUT

Proj Ref | 19.1849 | Dwg Ref | E100 | Scale | 1:500 @ A0  
 Drawn | GJA | Checked | MF | Approved | JM

Drawing Status:  
 Preliminary  For Approval  Tender Issue   
 For Information  For Consent  Contract Issue