

**DATE:** 17 October 2022  
**DESIGNER:** Seán Campbell  
**PROJECT No:** D479241  
**PROJECT NAME:** Widows Row Belturbet R0



Using new locations indicated on the drawing plotted  
All wattages with CLO Active & Dimming Profile 2A 12am to 6am  
@Various mounting height, MF = 0.76 (E3/E4 zone 6yr clean)  
Lantern A - 5Klm DW50 W 3000K  
Grid 1 P4

## **Widows Row Belturbet R0**

## Layout Report

### General Data

Dimensions in Metres Angles in Degrees  
Grid Origin -55.4m x 13.0m  
Area 76.7m x 69.0m  
Sample Spacing 1.47m x 1.50m

### Luminaires

#### Luminaire A Data

Supplier	
Type	BGP291 DW50
Lamp(s)	LED-HB 5.2S 730
Lamp Flux (klm)	5.00
File Name	LumiStreet Gen2 Micro_BGP291_DW50_5000_20LED_5.2S_CLO_L90_730.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	609.4, 39.0, 0.0
No. in Project	3

### Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	-21.51	27.31	6.00	211.00	5.00	0.00	0.40			
2	A	-32.44	56.28	6.00	146.00	5.00	0.00	0.40			
3	A	-10.18	73.77	6.00	130.00	5.00	0.00	0.40			

# Horizontal Illuminance (lux)

Grid 1



## Results

Eav	5.91
Emin	1.39
Emax	9.69
Emin/Emax	0.14
Emin/Eav	0.23

# Horizontal Illuminance (lux)

Grid 1

