

DATE: 12 February 2019
DESIGNER: Nathan Poundall
PROJECT No: 1830
PROJECT NAME: Devt off Willow Walk, Spalding



Lighting designed to BS5489-1:2013 lighting class P5

Outdoor Lighting Report

PREPARED BY: Design Software from:
Lighting Reality Ltd
Park Business Centre
Wood Lane
Erdington
Birmingham
B24 9QR
United Kingdom

e-mail: sales@lightingreality.com
website: www.lightingreality.com

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 525202.9m x 322982.6m
Area 129.1m x 120.8m
Sample Spacing 1.48m x 1.49m

Luminaires

Luminaire A Data



Supplier	_Historic Lanterns
Type	MI 26
Lamp(s)	SOX-E 26W
Lamp Flux (klm)	3.70
File Name	TM00063.CIB
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	175.0, 140.0, 49.0
No. in Project	1

Luminaire B Data



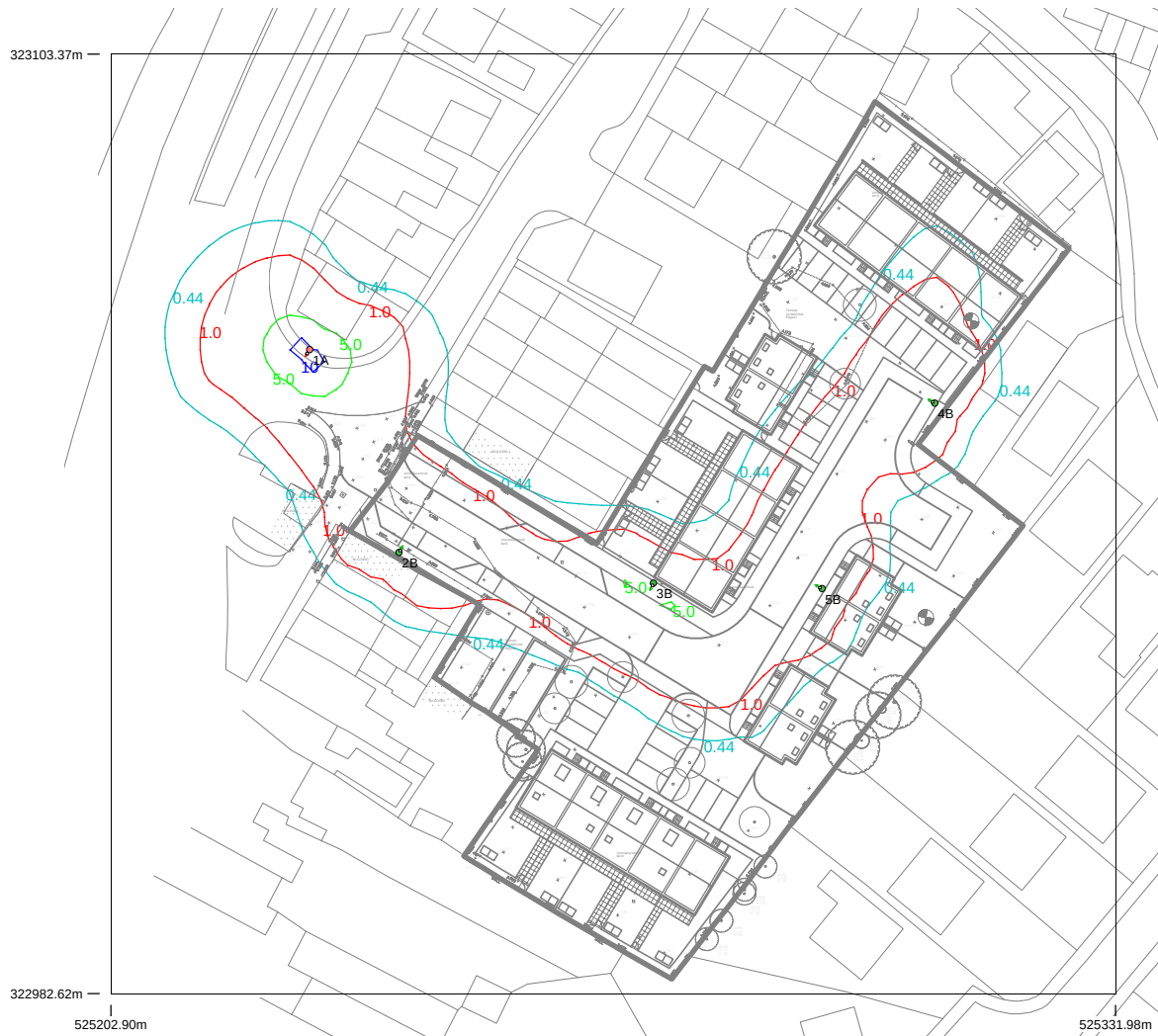
Supplier	TRT Lighting
Type	Aspect Eco 1 12 LED 14W GR4 3000K
Lamp(s)	42 0014 0000 100
Lamp Flux (klm)	1.61
File Name	ASE1_12LED_14W_GR4_3K.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	641.8, 644.2, 164.4
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	525228.42	323065.41	6.00	238.00	0.00	0.00	0.60			
2	B	525239.89	323039.32	6.00	61.00	0.00	0.00	0.30			
3	B	525272.57	323035.40	6.00	245.00	0.00	0.00	0.30			
4	B	525308.72	323058.53	6.00	150.00	0.00	0.00	0.30			
5	B	525294.25	323034.70	6.00	151.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	2.41
Emin	0.56
Emax	5.23
Emin/Emax	0.11
Emin/Eav	0.23