

Hurstpierpoint College

Access road & Car Park

Project code: 24060
Date: 29-02-2024
Designer: SJB Design

The nominal values shown in this report are the result of precision calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and electrical supply.

SJB Floodlighting Ltd

13 Brograve Close

Galleywood

Chelmsford

Essex

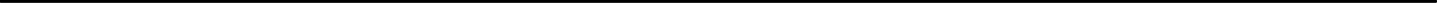
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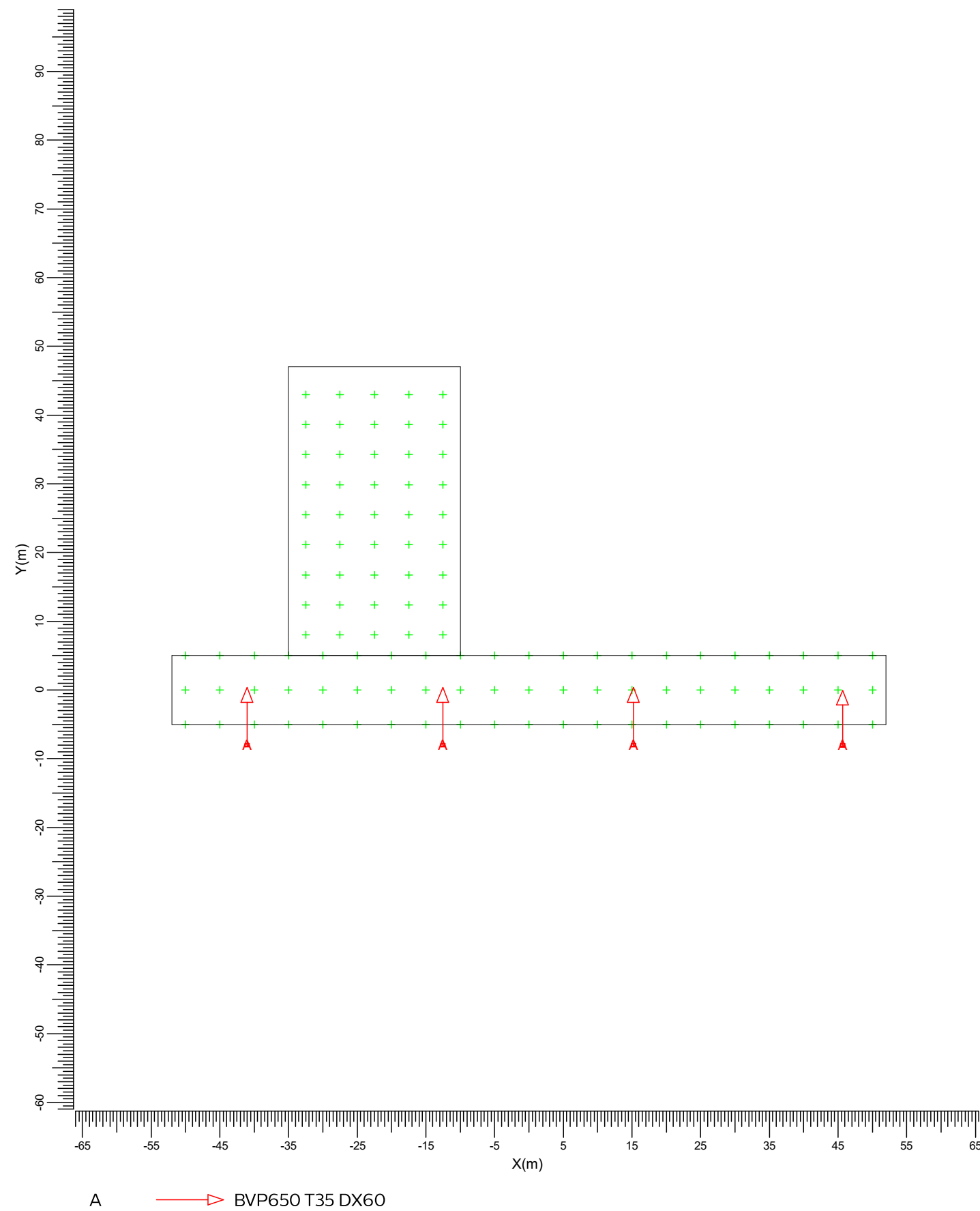
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1. Project Description

1.1 Top Project Overview



2. Summary

2.1 Project Luminaires

Code	Qty	Luminaire Type	Lamp Type	Power (W)	Flux (lm)
A	4	BVP650 T35 DX60	1 * LED460-4S/757	295.0	1 * 46000

The total installed power: 1.18 (kWatt)

Number of Luminaires Per Arrangement:

Arrangement	Luminaire Code	Power (kWatt)
	A	
Col 1	1	0.29
Col 2	1	0.29
Col 3	1	0.29
Col 4	1	0.29

2.2 Calculation Results

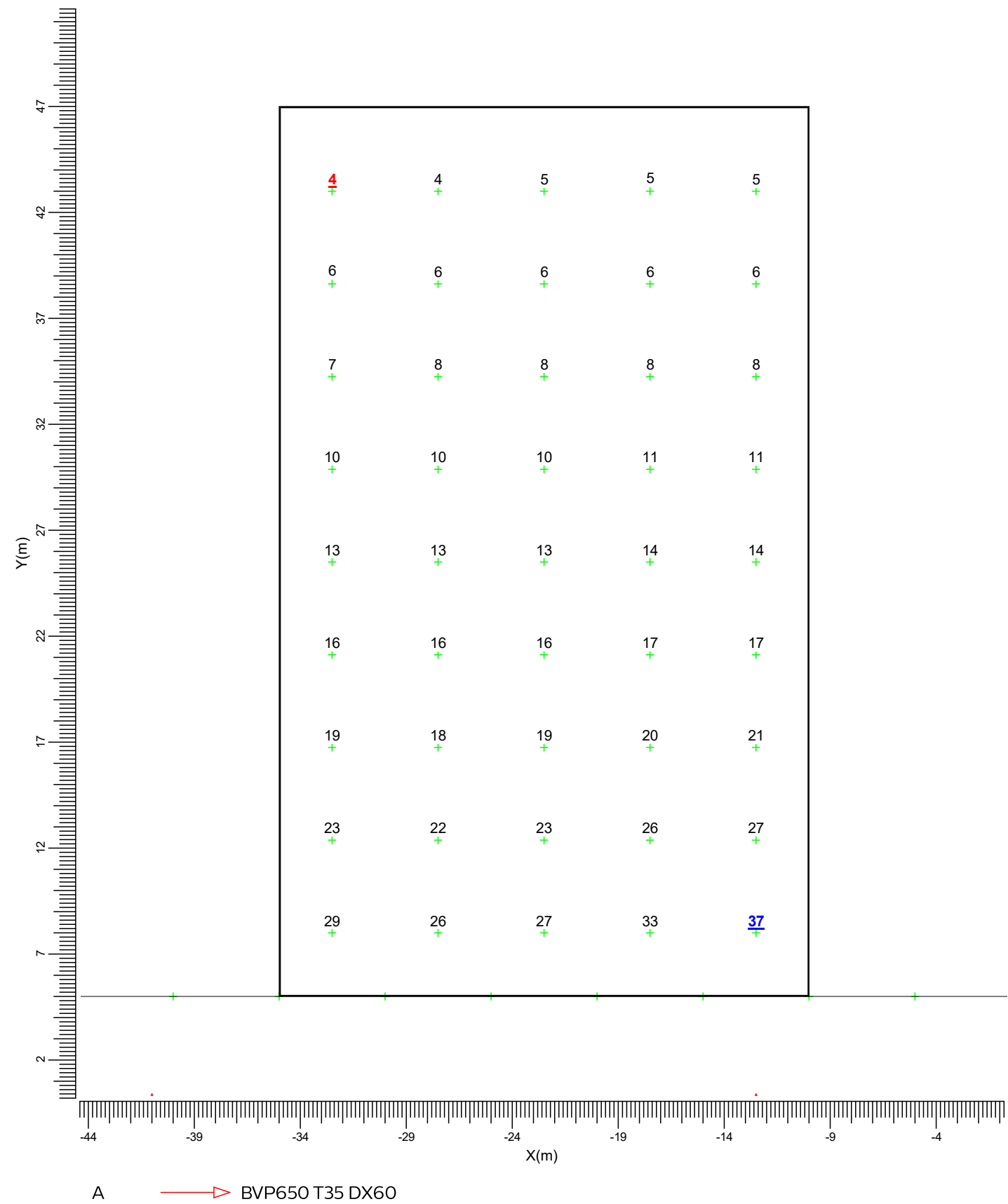
(II)luminance Calculations:

Calculation	Type	Unit	Ave Min/Ave	
Access Road	Surface Illuminance	lux	50.9	0.19
Car park	Surface Illuminance	lux	14.7	0.29

3.2 Car park: Graphical Table

Grid : Car park at Z = -0.00 m

Calculation : Surface Illuminance (lux)



Average
14.7

Min/Ave
0.29

Project maintenance factor
1.00

Scale
1:250

4. Luminaire Details

4.1 Project Luminaires

ClearFlood
BVP650 T35 1 xLED460-4S/757 DX60



Light output ratios	
DLOR	: 0.88
ULOR	: 0.00
TLOR	: 0.88
Ballast	: -
Lamp flux	: 46000 lm
Luminaire wattage	: 295.0 W
Measurement code	: LVE177041A

