

## **571591 The Fox Inn, Haverhill**

Est no.:  
Company:  
Contact:

Date: 15.09.2023  
Operator: Slawek Kossakowski

571591 The Fox Inn, Haverhill



**DIALux**

15.09.2023

Thorlux Lighting

Merse Road, North Moons Moat  
Redditch, B98 9HH, United Kingdom

Operator Slawek Kossakowski  
Telephone +44 (0)1527 586663  
Fax +44 (0)1527 584177  
e-Mail Slawek.Kossakowski@thorlux.co.uk

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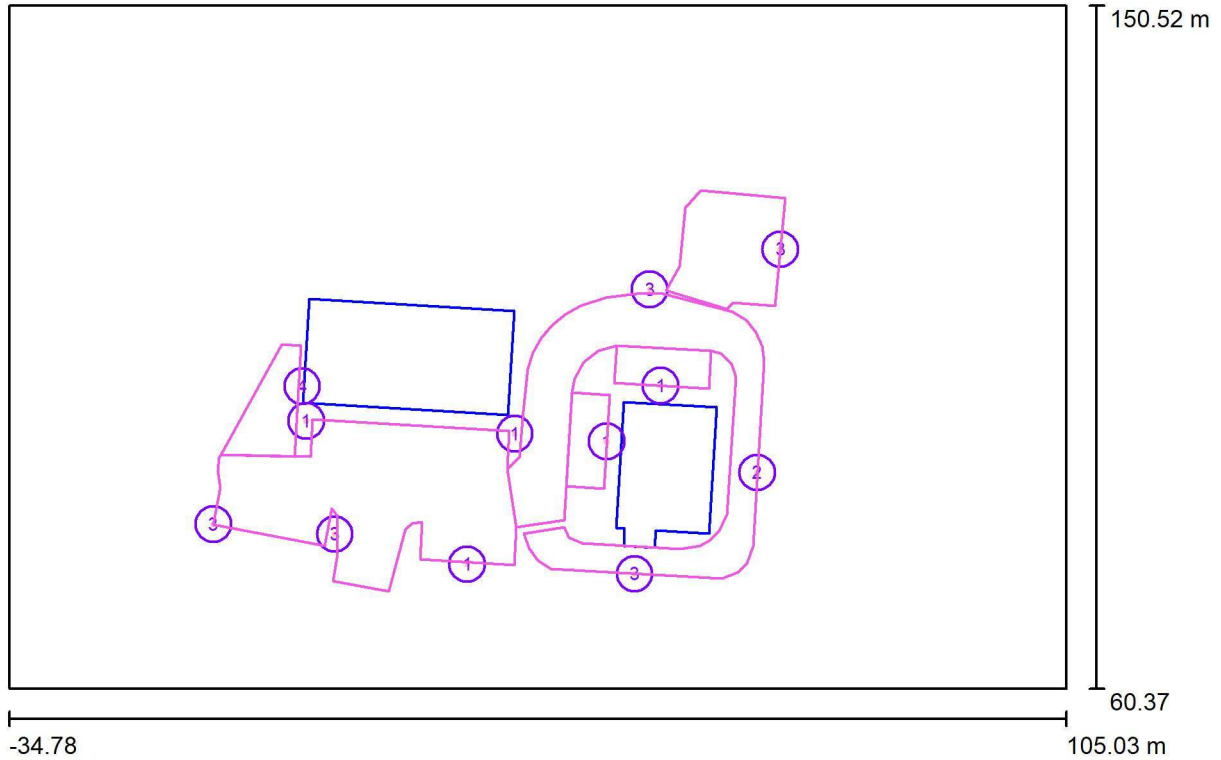


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**Exterior Scene / Planning data**



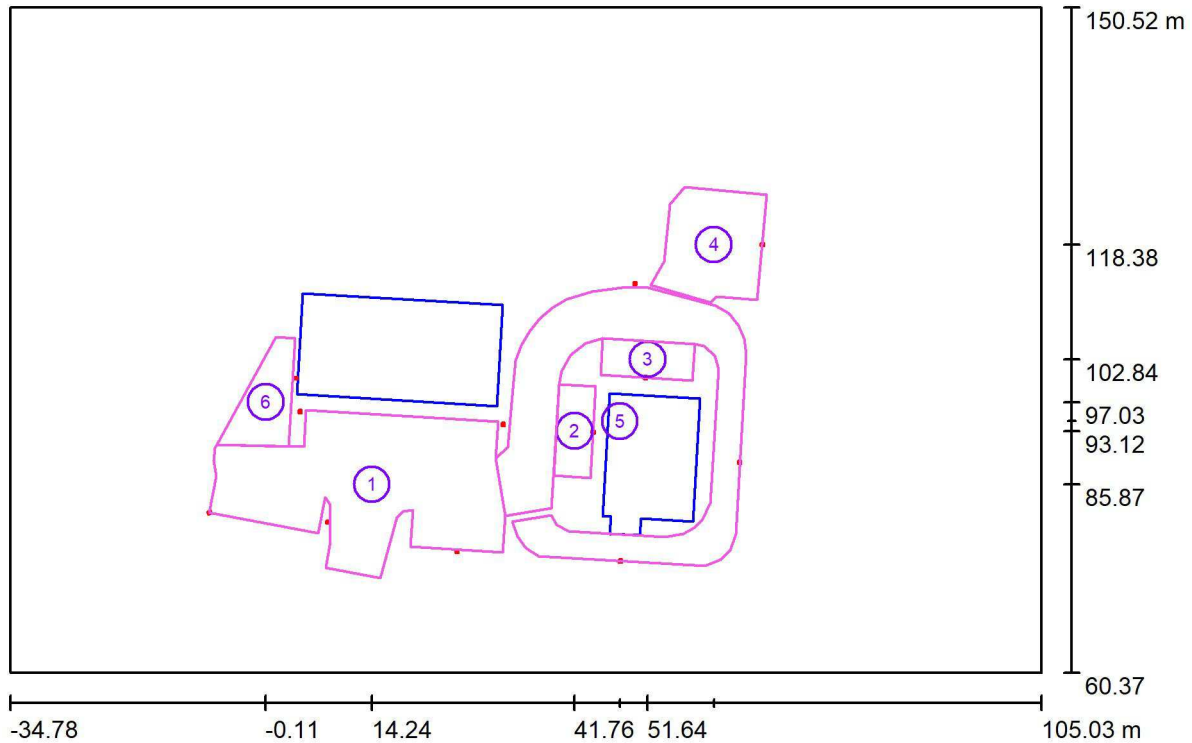
Maintenance factor: 0.80, ULR (Upward Light Ratio): 0.0%

Scale 1:1000

**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	5	Thorlux SB031A2 STARBEAM LED AREA (1.000)	3325	3325	35.0
2	1	Thorlux SB031R5 STARBEAM LED ROADWAY (1.000)	3340	3340	35.0
3	5	Thorlux SB062A2 STARBEAM LED AREA (1.000)	8830	8830	71.0
4	1	Thorlux STF17568 Starflood LED SMART (1.000)	4575	4575	40.0
<b>Total:</b>			<b>68690</b>	<b>68690</b>	<b>605.0</b>

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Scale 1 : 1026

**Calculation Surface List**

No.	Designation	Type	Grid	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	u0	$E_{min} / E_{max}$
1	Asda Car Park & Deliveries	perpendicular	128 x 128	16	8.01	31	0.516	0.261
2	Coffe Shop Car park (E)	perpendicular	16 x 32	15	8.36	17	0.568	0.478
3	Coffe Shop Car park (G)	perpendicular	32 x 16	18	11	21	0.634	0.526
4	EV Car park	perpendicular	11 x 10	18	7.75	28	0.436	0.278
5	Cafe drive-thru access road	perpendicular	15 x 13	15	7.68	29	0.502	0.269
6	Asda Deliveries	perpendicular	128 x 128	25	14	37	0.560	0.390

**Summary of Results**

Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u0	$E_{min} / E_{max}$
perpendicular	6	16	7.68	37	0.47	0.21