

## Proposed New Dwellings

Installation : West of North Lodge, Codford, Wiltshire

Project number :

Customer : Mr G Lewis & Mrs L Payne

Processed by : Inform

Date : 21.09.2026

The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

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## 1 Luminaire data

### 1.1 Thorn, CESAR AMP S DWN 1L927WB HF ANT ... (96700037)

#### 1.1.1 Data sheet

Manufacturer: Thorn

#### 96700037 wall mounted CESAR AMP S DWN 1L927WB HF ANT [STD]

Cesar Amp Wall a wall mounted, architectural LED luminaire for decorative facade lighting, wide beam distribution. Fixed output LED driver. Class I electrical, IP65, Impact strength: IK08. Housing: Die-cast aluminium, powder coated anthracite. Working ambient temperature: -20°C to +40°C. Complete with 2700K LED. Class I electrical.

Dimensions: Ø90 x 250 mm

Luminaire input power: 8.8 W

Luminaire luminous flux: 430 lm

Luminaire efficacy: 49 lm/W

Weight: 1.81 kg

#### Luminaire data

Absolute Photometry

Luminaire efficacy : 48.86 lm/W

Classification : A80 ↓ 100% ↑ 0%

CIE Flux Codes : 98 100 100 100 100

UGR 4H 8H : <10.0 / <10.0

Power : 8.8 W

Luminous flux : 430 lm

#### Equipped with

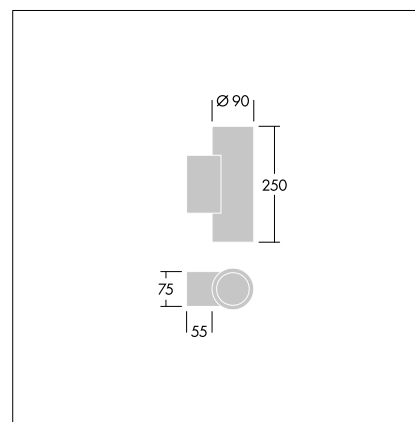
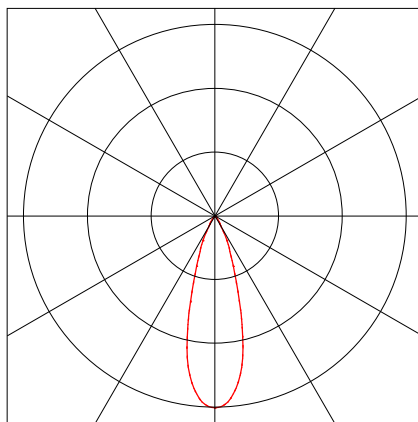
Quantity : 1

Designation : CESA\_AMP\_927

Colour : 2700

Colour reproduction : 90

Dimensions : 90 mm x 250 mm x 250 mm



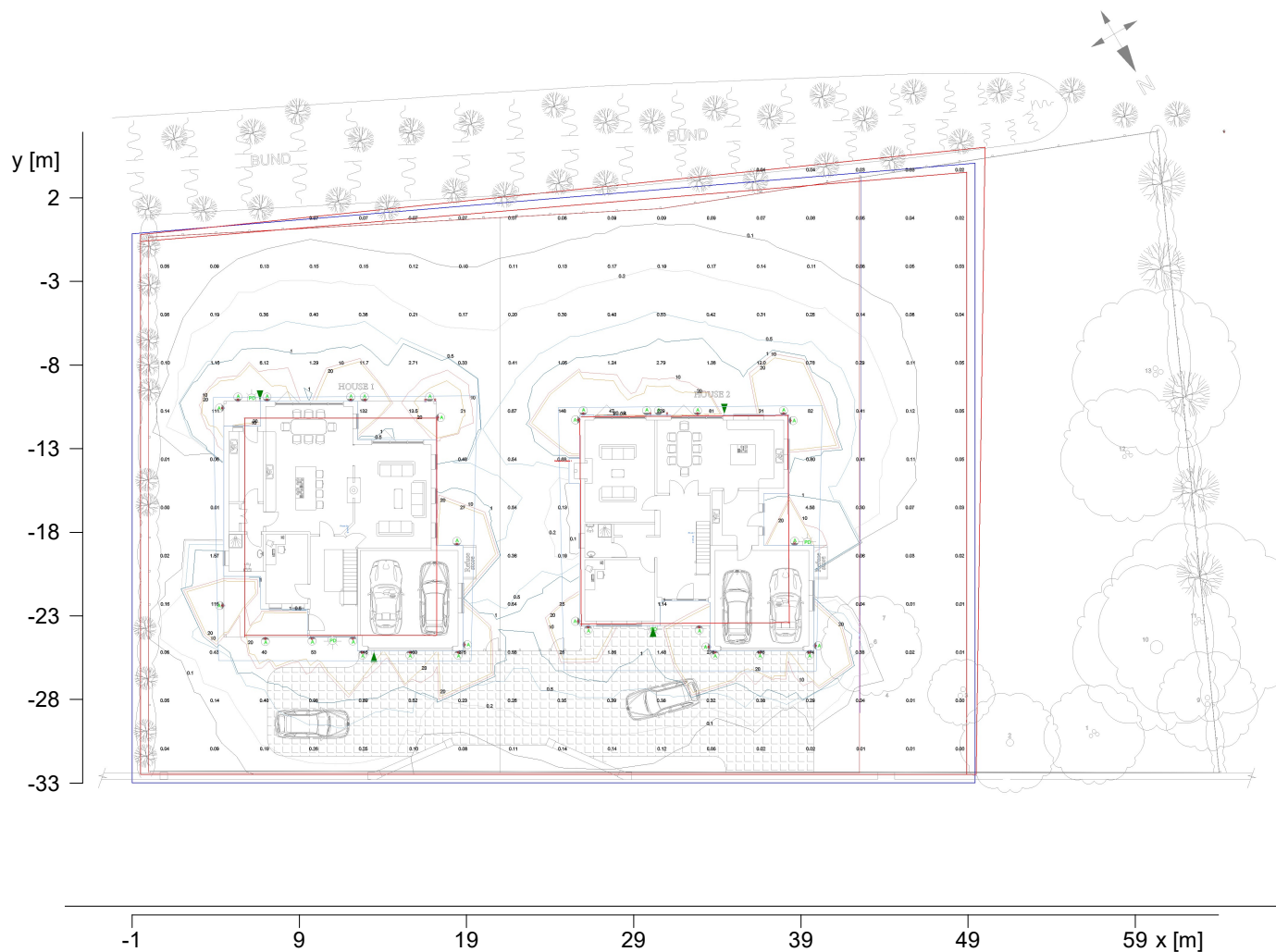
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## 2 Exterior 1

### 2.1 Description, Exterior 1

#### 2.1.1 Floor plan



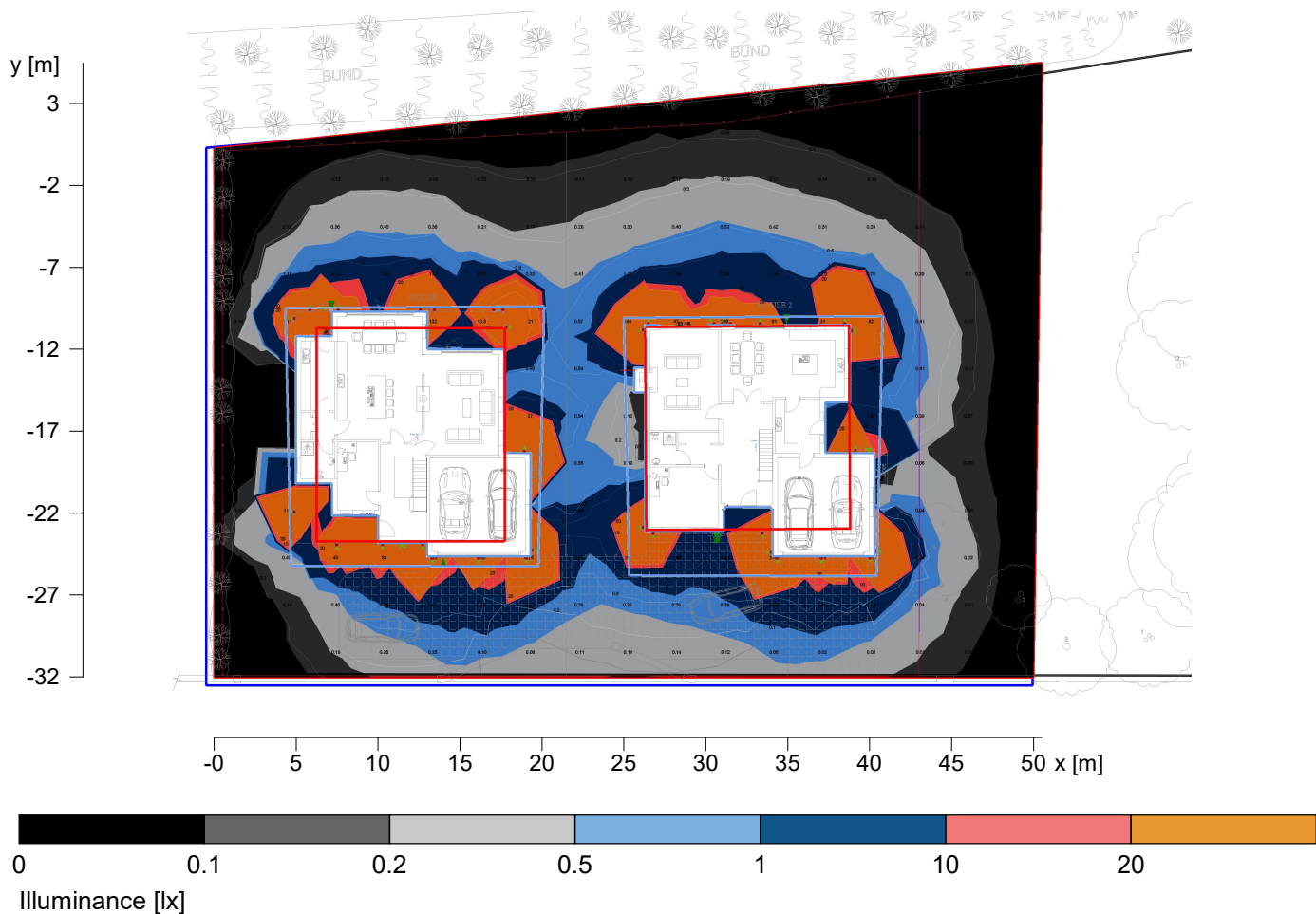
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## 2 Exterior 1

### 2.2 Calculation results, Exterior 1

#### 2.2.1 Pseudo colours, Reference plane 0.1 (E)



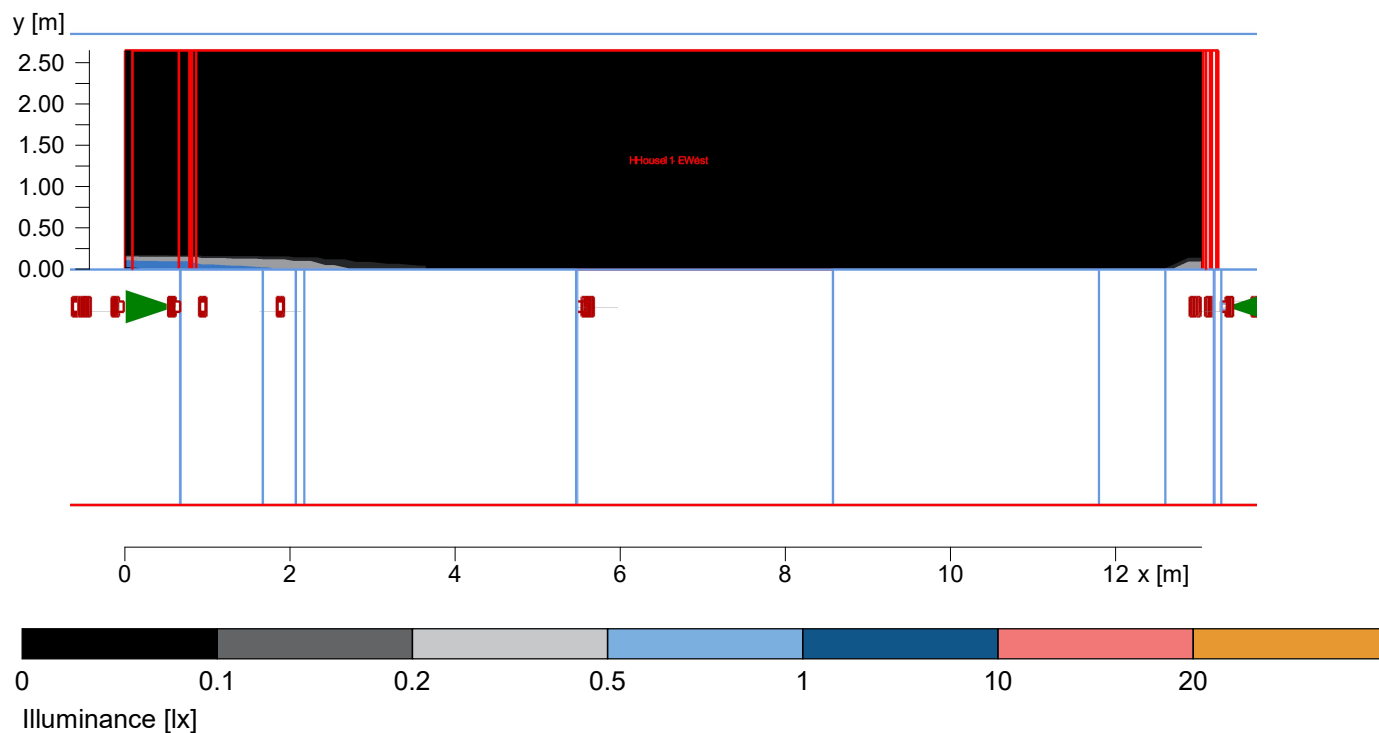
|                        |                     |                      |
|------------------------|---------------------|----------------------|
| Height reference plane |                     | : 0.00 m             |
| Average illuminance    | $\bar{E}_m$         | : 15.0 lx            |
| Minimum illuminance    | $E_{min}$           | : 0.00 lx            |
| Maximum illuminance    | $E_{max}$           | : 279 lx             |
| Uniformity $U_o$       | $E_{min}/\bar{E}_m$ | : 1 : 3114.70 (0.00) |

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## 2.2 Calculation results, Exterior 1

### 2.2.2 Pseudo colours, House 1 - East (E)



Average illuminance  
 Minimum illuminance  
 Maximum illuminance  
 Uniformity  $U_0$

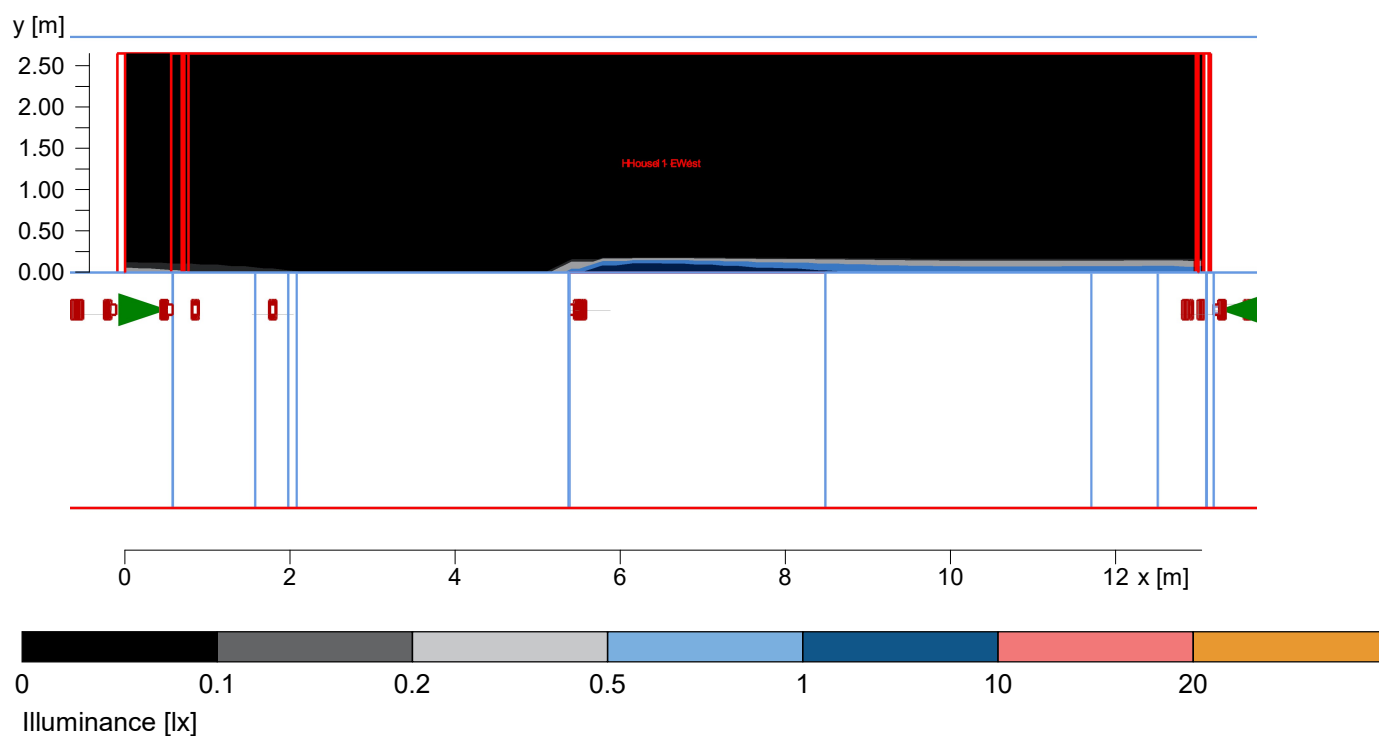
$\bar{E}_m$  : 0.00 lx  
 $E_{min}$  : 0.00 lx  
 $E_{max}$  : 0.00 lx  
 $E_{min}/\bar{E}_m$  : ---

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## 2.2 Calculation results, Exterior 1

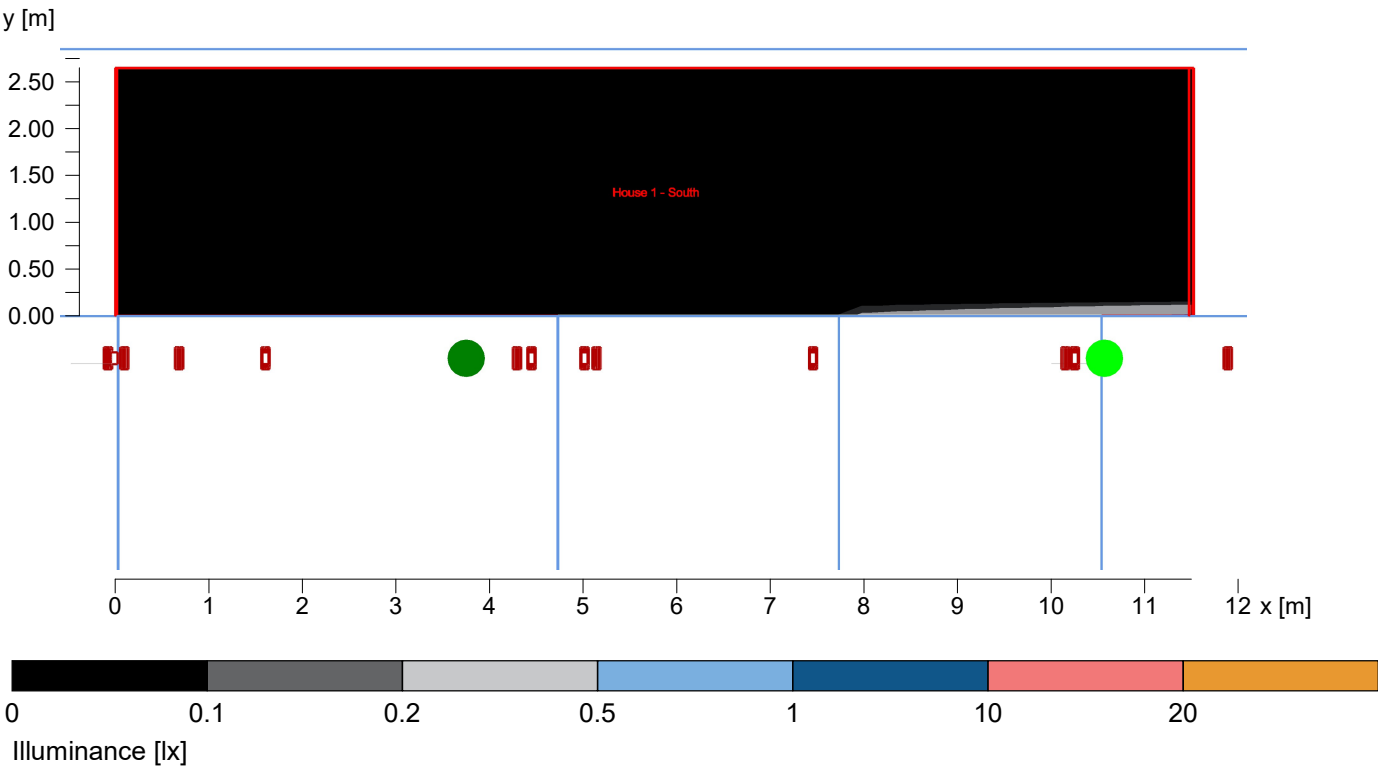
### 2.2.3 Pseudo colours, House 1 - West (E)



|                     |                     |           |
|---------------------|---------------------|-----------|
| Average illuminance | $\bar{E}_m$         | : 0.00 lx |
| Minimum illuminance | $E_{min}$           | : 0.00 lx |
| Maximum illuminance | $E_{max}$           | : 0.00 lx |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | : ---     |

2.2 Calculation results, Exterior 1

2.2.4 Pseudo colours, House 1 - North (E)



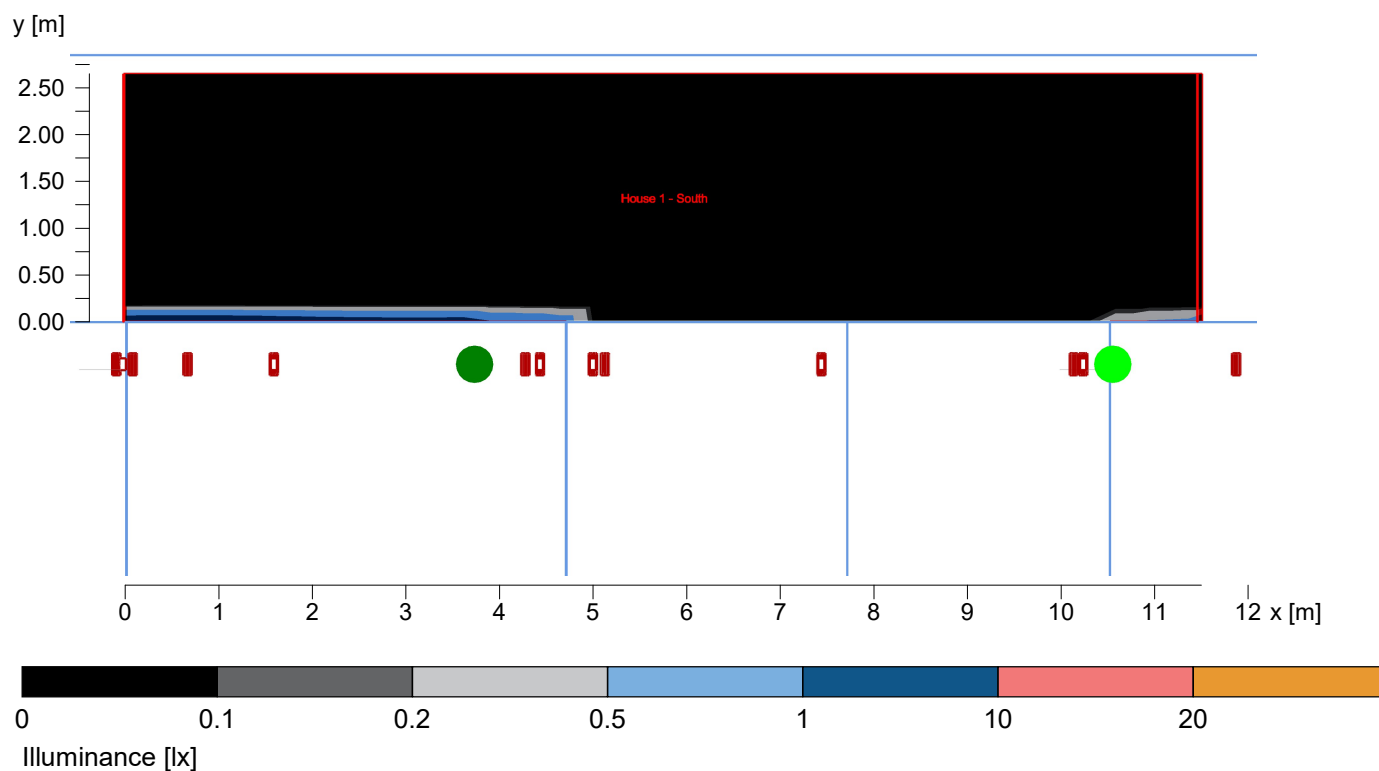
|                     |                     |           |
|---------------------|---------------------|-----------|
| Average illuminance | $\bar{E}_m$         | : 0.00 lx |
| Minimum illuminance | $E_{min}$           | : 0.00 lx |
| Maximum illuminance | $E_{max}$           | : 0.00 lx |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | : ---     |

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## 2.2 Calculation results, Exterior 1

### 2.2.5 Pseudo colours, House 1 - South (E)



Average illuminance  
Minimum illuminance  
Maximum illuminance  
Uniformity  $U_0$

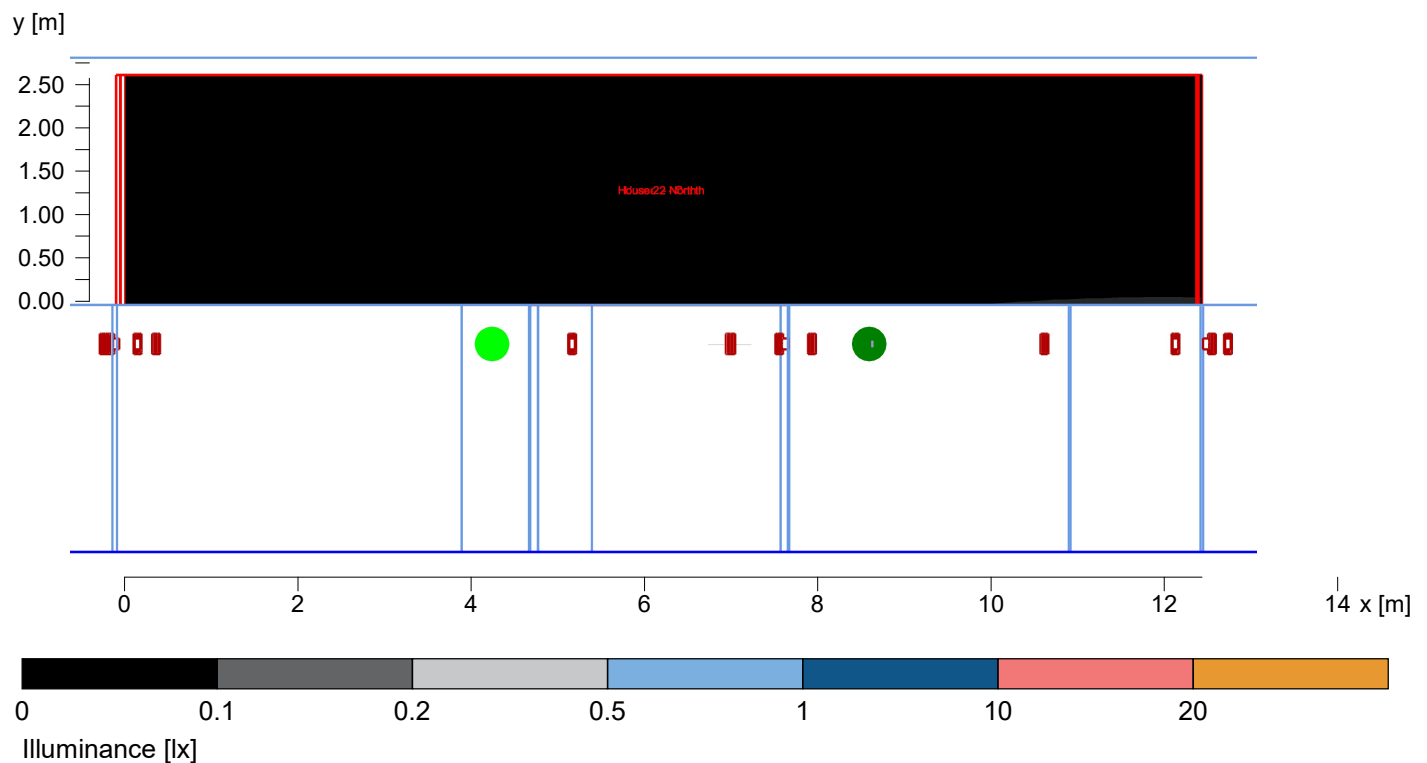
$\bar{E}_m$  : 0.00 lx  
 $E_{min}$  : 0.00 lx  
 $E_{max}$  : 0.00 lx  
 $E_{min}/\bar{E}_m$  : ---

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## 2.2 Calculation results, Exterior 1

### 2.2.6 Pseudo colours, House 2 - South (E)



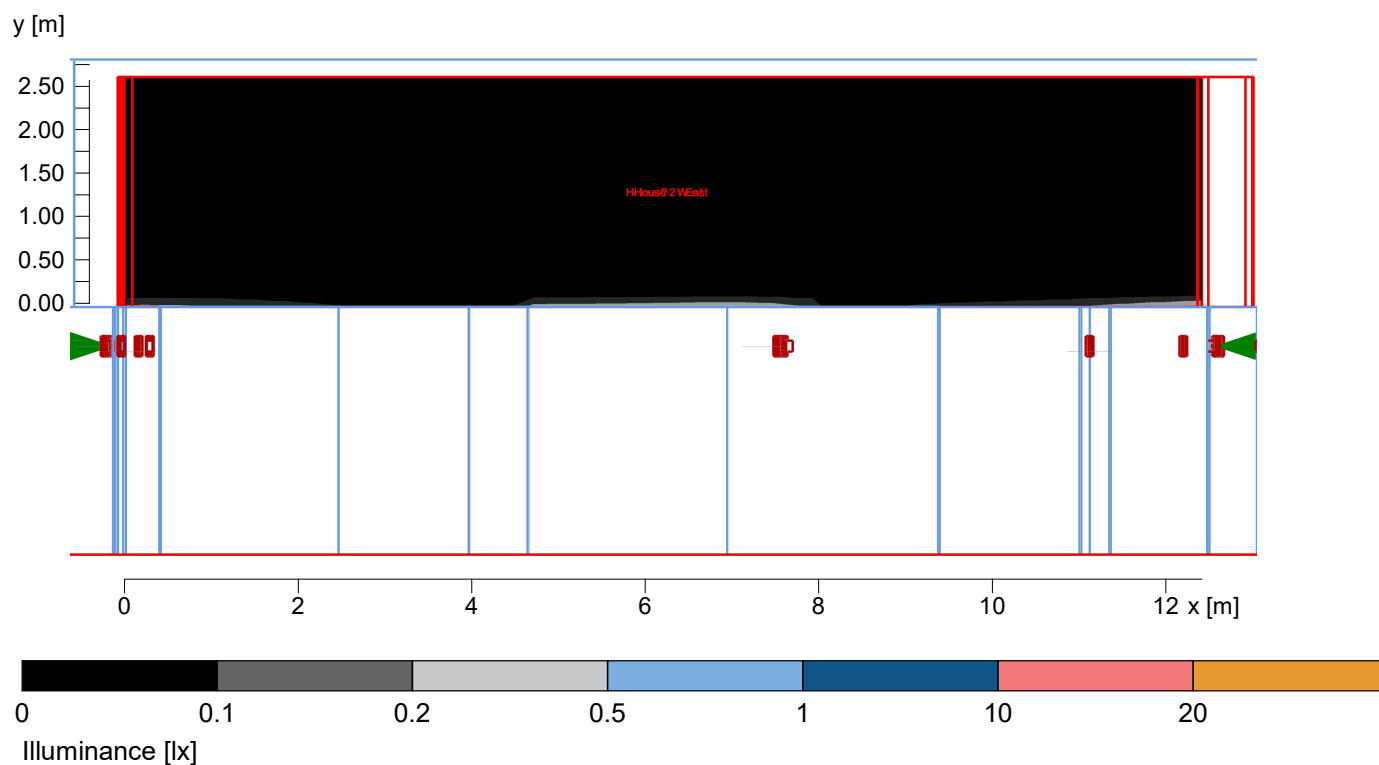
|                     |                     |           |
|---------------------|---------------------|-----------|
| Average illuminance | $\bar{E}_m$         | : 0.00 lx |
| Minimum illuminance | $E_{min}$           | : 0.00 lx |
| Maximum illuminance | $E_{max}$           | : 0.00 lx |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | : ---     |

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## 2.2 Calculation results, Exterior 1

### 2.2.7 Pseudo colours, House 2 - West (E)



Average illuminance  
Minimum illuminance  
Maximum illuminance  
Uniformity  $U_0$

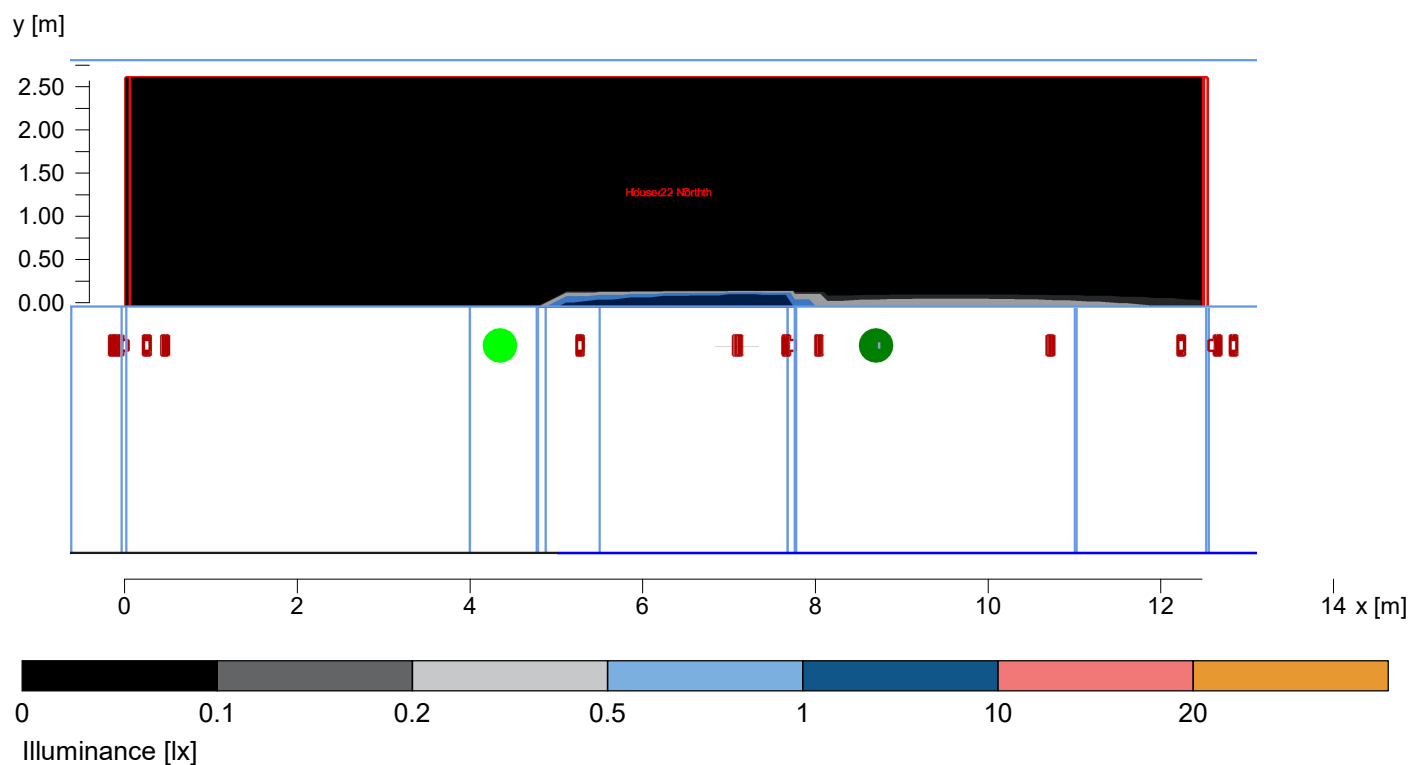
$\bar{E}_m$  : 0.00 lx  
 $E_{min}$  : 0.00 lx  
 $E_{max}$  : 0.00 lx  
 $E_{min}/\bar{E}_m$  : ---

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## 2.2 Calculation results, Exterior 1

### 2.2.8 Pseudo colours, House 2 - North (E)



Average illuminance  
Minimum illuminance  
Maximum illuminance  
Uniformity  $U_0$

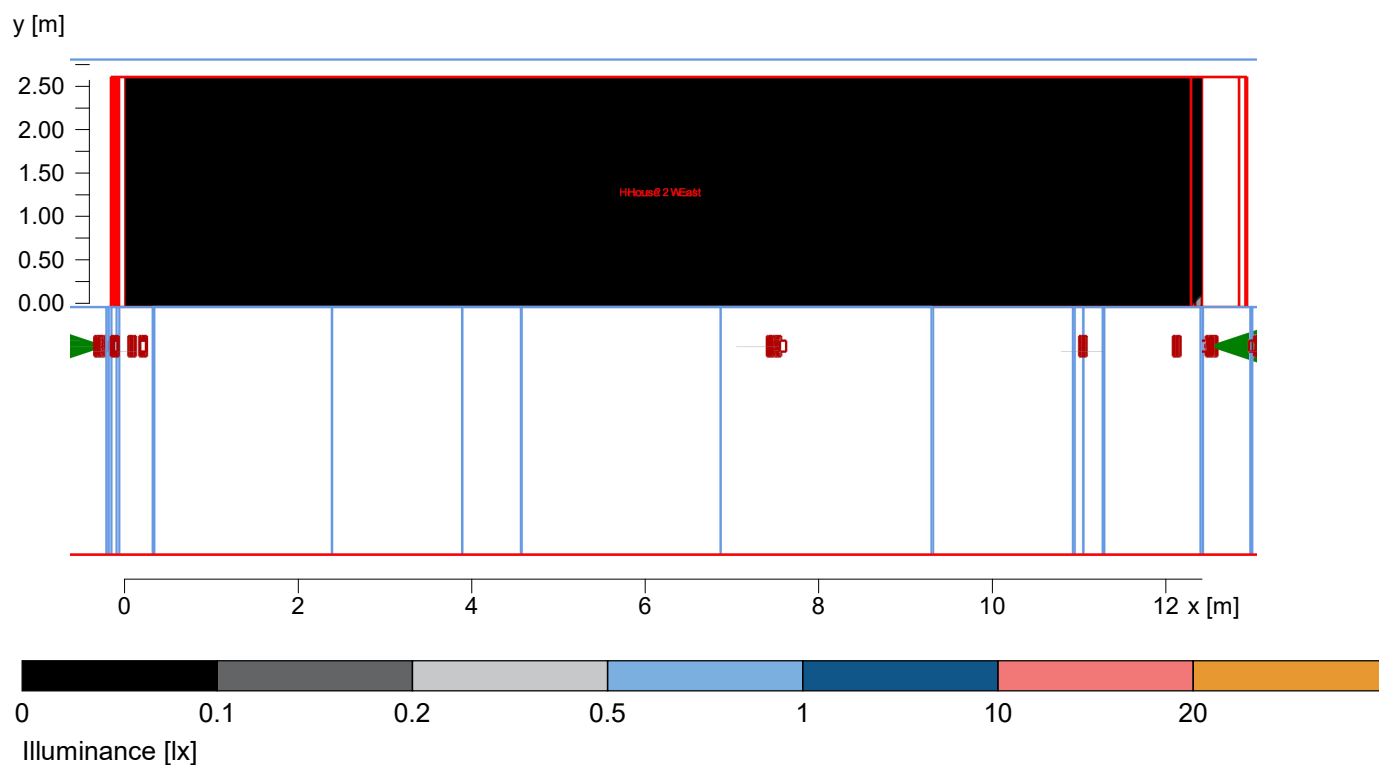
$\bar{E}_m$  : 0.00 lx  
 $E_{min}$  : 0.00 lx  
 $E_{max}$  : 0.00 lx  
 $E_{min}/\bar{E}_m$  : ---

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## 2.2 Calculation results, Exterior 1

### 2.2.9 Pseudo colours, House 2 - East (E)



Average illuminance  
Minimum illuminance  
Maximum illuminance  
Uniformity  $U_0$

$\bar{E}_m$  : 0.00 lx  
 $E_{min}$  : 0.00 lx  
 $E_{max}$  : 0.00 lx  
 $E_{min}/\bar{E}_m$  : ---

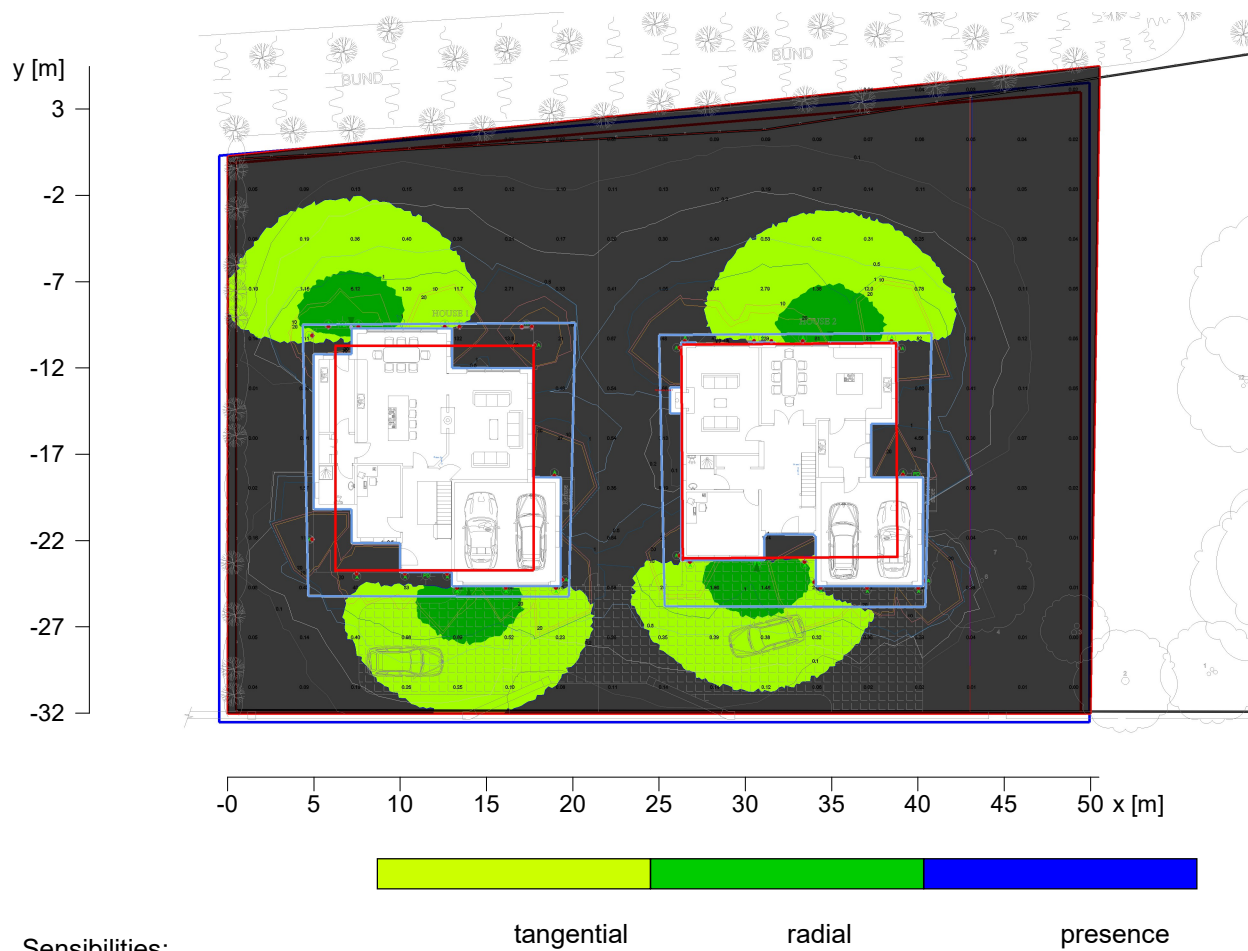
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## 2 Exterior 1

### 2.3 Calculation results, Exterior 1

#### 2.3.1 Pseudo colours, RG, Reference plane 0.1



Height of evaluation surface : 0.00 m