

# Wat Tyler - Exterior

Installation : Wat Tyler - Exterior

Project number : LSC11122/B

Customer : ALD Lighting

Processed by : John Telford

Date : 28.04.2025

## Project description: Lighting Equipment

8 x ET/15/5K/CL/BK EM ETON 15W 5K + Emergency @ 2.5m high

1 x ET/15/5K/CL/BK EM ETON 15W 5K + Emergency @ 3.2m high

4 x ET/15/5K/CL/BK EM ETON 15W 5K + Emergency @ 1m high

1 x FLO/22/4K/BK EM FusiLED - OPEN 4K + Emergency

Maintenance factor : 0.90

Lit to meet Secured by design

10 Lux average minimum, 0.25 min/ave as a minimum requirement

Secured by design requires a minimum mounting height of 2.4m high where possible

Downward facing asymmetric lens distribution used to avoid glare and nuisance

Good colour rendering properties

Designed to avoid harsh shadowed areas.

Illuminance levels based on the specific dimensions, locations and heights set out in report and the levels achieved are predicted based on measured photometric data.

Drawing dimensions taken from customer dwg please check before ordering and installing.

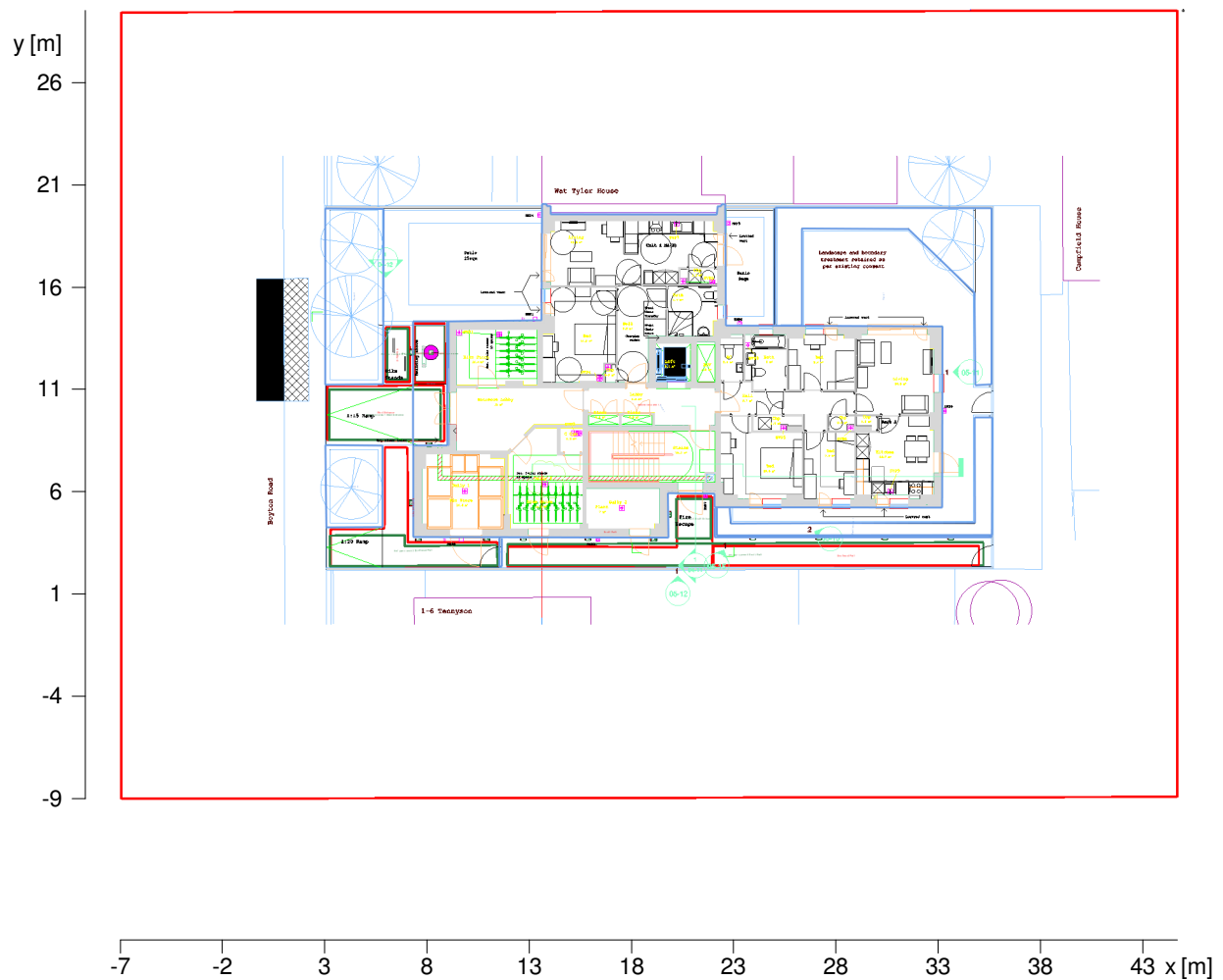
The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

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

## 1 Exterior 1

### 1.1 Description, Exterior 1

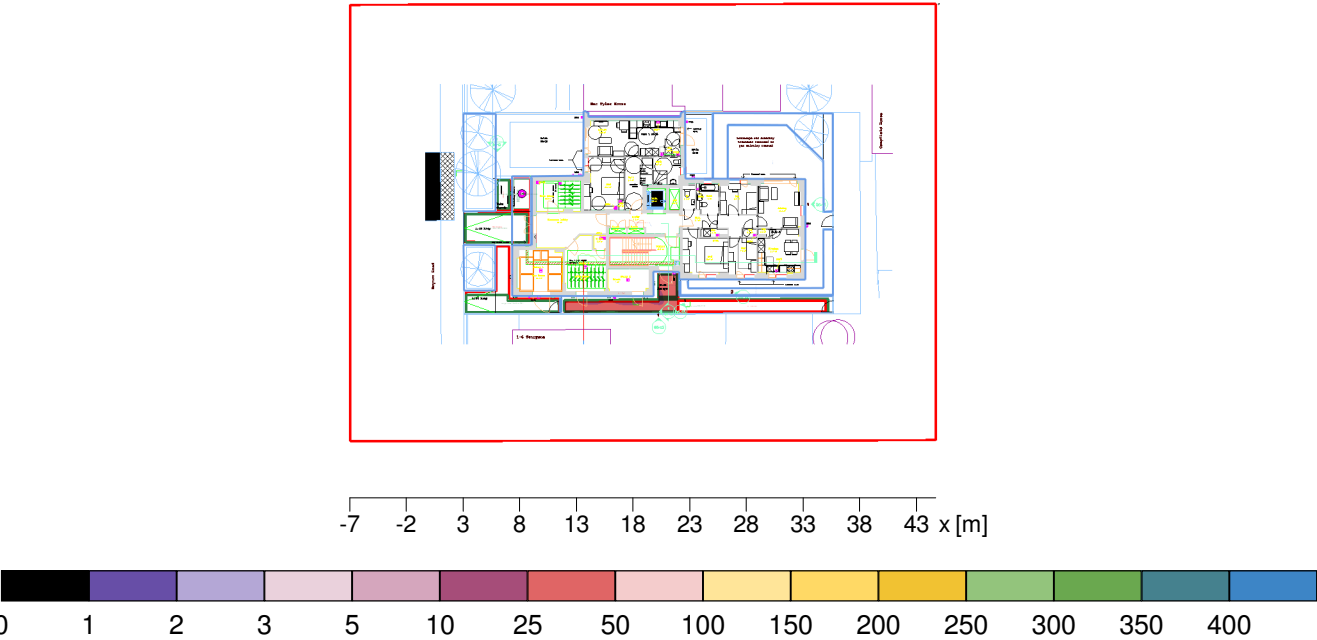
#### 1.1.1 Floor plan



1 Exterior 1

1.2 Summary, Exterior 1

1.2.1 Result overview, South Path



General

|                                   |                           |
|-----------------------------------|---------------------------|
| Calculation algorithm used        | Average indirect fraction |
| Height of evaluation surface      | 0.00 m                    |
| Maintenance factor                | 0.90                      |
| Total luminous flux               | 15790 lm                  |
| Total power                       | 210.5 W                   |
| Total power per area (1982.39 m²) | 0.11 W/m²                 |

Illuminance

|                     |                     |               |
|---------------------|---------------------|---------------|
| Average illuminance | $\bar{E}_m$         | 34.5 lx       |
| Minimum illuminance | $E_{min}$           | 12.8 lx       |
| Maximum illuminance | $E_{max}$           | 51.4 lx       |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | 1:2.69 (0.37) |
| Diversity $U_d$     | $E_{min}/E_{max}$   | 1:4.01 (0.25) |

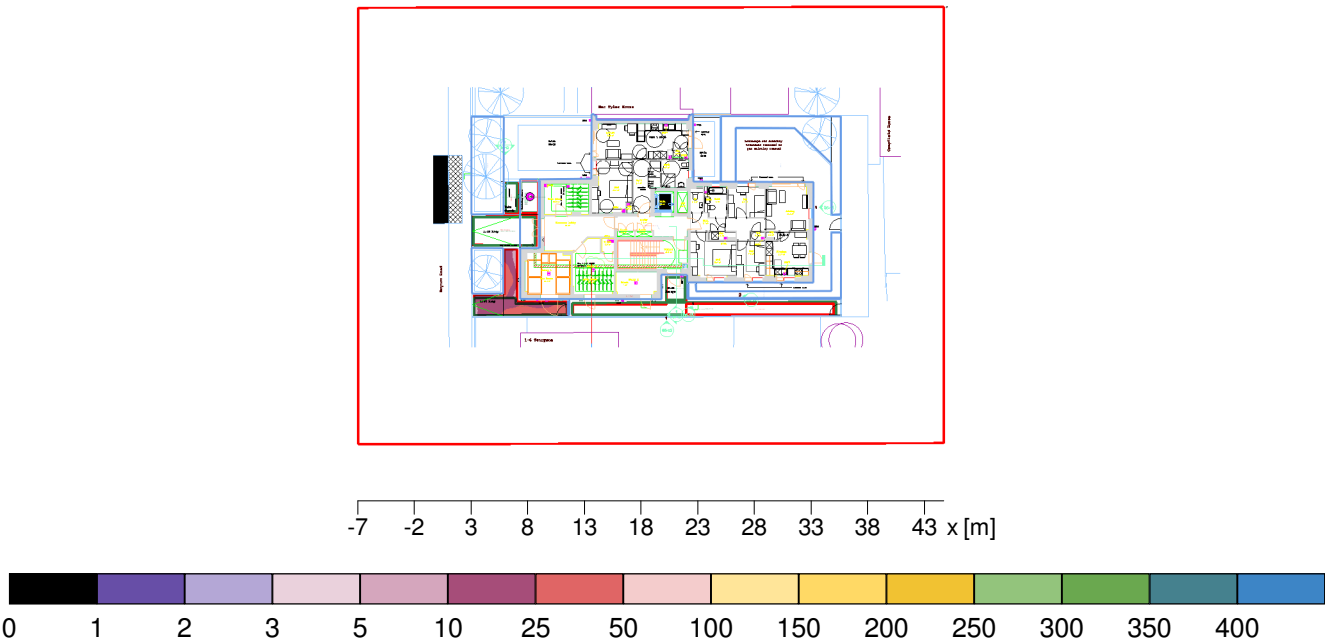
Type No.\Make

ALD Lighting Solutions

|                                                                                     |       |                |                                  |                          |
|-------------------------------------------------------------------------------------|-------|----------------|----------------------------------|--------------------------|
| 6                                                                                   | 13E x | Order No.      | : !ET/15/5K/CL/BK EM             | -- Emergency Lighting -- |
|  |       | Luminaire name | : ETON 15W 5K + Emergency        |                          |
|                                                                                     |       | Equipment      | : 1 x undefined 14.7 W / 1080 lm |                          |
|                                                                                     |       | Emergency      | : 220 lm (20.4 %)                |                          |
| 7                                                                                   | 1E x  | Order No.      | : !FLO/22/4K/BK EM               | -- Emergency Lighting -- |
|  |       | Luminaire name | : FusiLED - OPEN 4K + Emergency  |                          |
|                                                                                     |       | Equipment      | : 1 x LED 19.4 W / 1750 lm       |                          |
|                                                                                     |       | Emergency      | : 270.61 lm (15.5 %)             |                          |

1.2 Summary, Exterior 1

1.2.2 Result overview, Southwest Path



General

|                                   |                           |
|-----------------------------------|---------------------------|
| Calculation algorithm used        | Average indirect fraction |
| Height of evaluation surface      | 0.00 m                    |
| Maintenance factor                | 0.90                      |
| Total luminous flux               | 15790 lm                  |
| Total power                       | 210.5 W                   |
| Total power per area (1982.39 m²) | 0.11 W/m²                 |

Illuminance

|                     |                     |               |
|---------------------|---------------------|---------------|
| Average illuminance | $\bar{E}_m$         | 22.9 lx       |
| Minimum illuminance | $E_{min}$           | 6.5 lx        |
| Maximum illuminance | $E_{max}$           | 47.5 lx       |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | 1:3.51 (0.28) |
| Diversity $U_d$     | $E_{min}/E_{max}$   | 1:7.27 (0.14) |

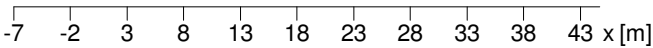
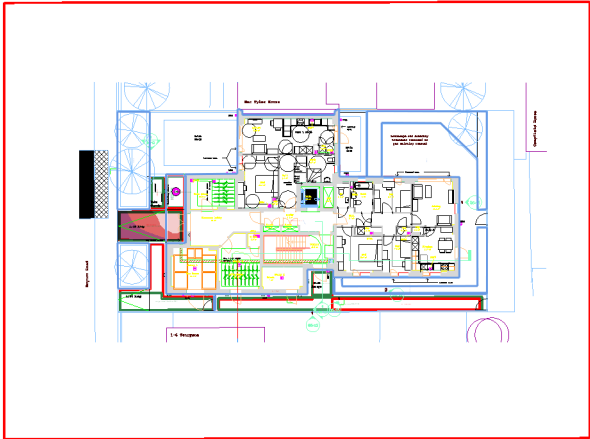
Type No.\Make

ALD Lighting Solutions

|   |       |                |                                  |                          |
|---|-------|----------------|----------------------------------|--------------------------|
| 6 | 13E x | Order No.      | : !ET/15/5K/CL/BK EM             | -- Emergency Lighting -- |
|   |       | Luminaire name | : ETON 15W 5K + Emergency        |                          |
|   |       | Equipment      | : 1 x undefined 14.7 W / 1080 lm |                          |
|   |       | Emergency      | : 220 lm (20.4 %)                |                          |
| 7 | 1E x  | Order No.      | : !FLO/22/4K/BK EM               | -- Emergency Lighting -- |
|   |       | Luminaire name | : FusiLED - OPEN 4K + Emergency  |                          |
|   |       | Equipment      | : 1 x LED 19.4 W / 1750 lm       |                          |
|   |       | Emergency      | : 270.61 lm (15.5 %)             |                          |

1.2 Summary, Exterior 1

1.2.3 Result overview, West Entrance



0 1 2 3 5 10 25 50 100 150 200 250 300 350 400  
Illuminance [lx]

General

|                                   |                           |
|-----------------------------------|---------------------------|
| Calculation algorithm used        | Average indirect fraction |
| Height of evaluation surface      | 0.00 m                    |
| Maintenance factor                | 0.90                      |
| Total luminous flux               | 15790 lm                  |
| Total power                       | 210.5 W                   |
| Total power per area (1982.39 m²) | 0.11 W/m²                 |

Illuminance

|                     |                     |               |
|---------------------|---------------------|---------------|
| Average illuminance | $\bar{E}_m$         | 37.5 lx       |
| Minimum illuminance | $E_{min}$           | 12.8 lx       |
| Maximum illuminance | $E_{max}$           | 73 lx         |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | 1:2.93 (0.34) |
| Diversity $U_d$     | $E_{min}/E_{max}$   | 1:5.69 (0.18) |

Type No.\Make

ALD Lighting Solutions



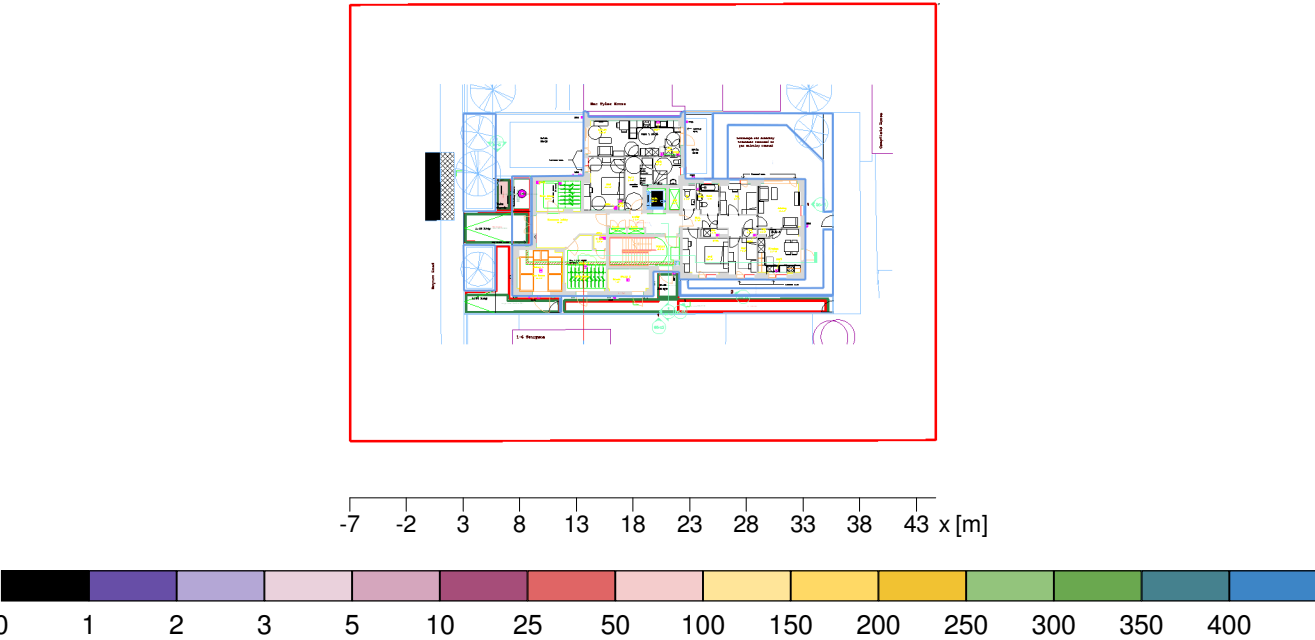
|         |                |                                  |                          |
|---------|----------------|----------------------------------|--------------------------|
| 6 13E x | Order No.      | : !ET/15/5K/CL/BK EM             | -- Emergency Lighting -- |
|         | Luminaire name | : ETON 15W 5K + Emergency        |                          |
|         | Equipment      | : 1 x undefined 14.7 W / 1080 lm |                          |
|         | Emergency      | : 220 lm (20.4 %)                |                          |



|        |                |                                 |                          |
|--------|----------------|---------------------------------|--------------------------|
| 7 1E x | Order No.      | : !FLO/22/4K/BK EM              | -- Emergency Lighting -- |
|        | Luminaire name | : FusiLED - OPEN 4K + Emergency |                          |
|        | Equipment      | : 1 x LED 19.4 W / 1750 lm      |                          |
|        | Emergency      | : 270.61 lm (15.5 %)            |                          |

1.2 Summary, Exterior 1

1.2.4 Result overview, Bike Stand



General

|                                   |                           |
|-----------------------------------|---------------------------|
| Calculation algorithm used        | Average indirect fraction |
| Height of evaluation surface      | 0.00 m                    |
| Maintenance factor                | 0.90                      |
| Total luminous flux               | 15790 lm                  |
| Total power                       | 210.5 W                   |
| Total power per area (1982.39 m²) | 0.11 W/m²                 |

Illuminance

|                     |                     |               |
|---------------------|---------------------|---------------|
| Average illuminance | $\bar{E}_m$         | 63.7 lx       |
| Minimum illuminance | $E_{min}$           | 47.3 lx       |
| Maximum illuminance | $E_{max}$           | 78.4 lx       |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | 1:1.35 (0.74) |
| Diversity $U_d$     | $E_{min}/E_{max}$   | 1:1.66 (0.6)  |

Type No.\Make

ALD Lighting Solutions



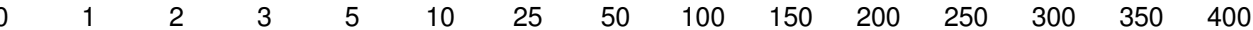
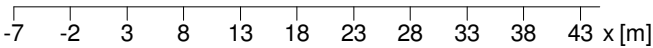
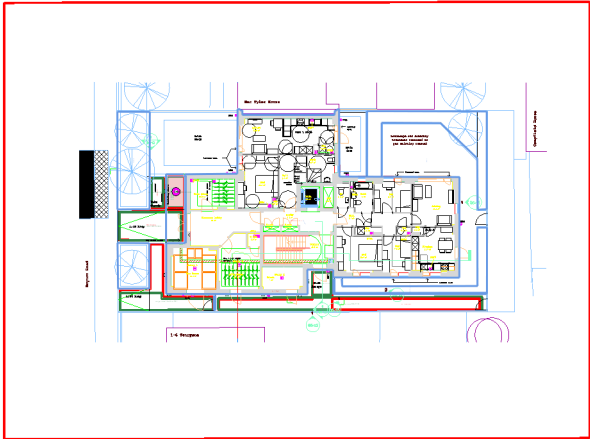
|   |       |                |                                  |                          |
|---|-------|----------------|----------------------------------|--------------------------|
| 6 | 13E x | Order No.      | : !ET/15/5K/CL/BK EM             | -- Emergency Lighting -- |
|   |       | Luminaire name | : ETON 15W 5K + Emergency        |                          |
|   |       | Equipment      | : 1 x undefined 14.7 W / 1080 lm |                          |
|   |       | Emergency      | : 220 lm (20.4 %)                |                          |



|   |      |                |                                 |                          |
|---|------|----------------|---------------------------------|--------------------------|
| 7 | 1E x | Order No.      | : !FLO/22/4K/BK EM              | -- Emergency Lighting -- |
|   |      | Luminaire name | : FusiLED - OPEN 4K + Emergency |                          |
|   |      | Equipment      | : 1 x LED 19.4 W / 1750 lm      |                          |
|   |      | Emergency      | : 270.61 lm (15.5 %)            |                          |

1.2 Summary, Exterior 1

1.2.5 Result overview, Under canopy Cycle area



Illuminance [lx]

General

|                                   |                           |
|-----------------------------------|---------------------------|
| Calculation algorithm used        | Average indirect fraction |
| Height of evaluation surface      | 0.00 m                    |
| Maintenance factor                | 0.90                      |
| Total luminous flux               | 15790 lm                  |
| Total power                       | 210.5 W                   |
| Total power per area (1982.39 m²) | 0.11 W/m²                 |

Illuminance

|                     |                     |               |
|---------------------|---------------------|---------------|
| Average illuminance | $\bar{E}_m$         | 83 lx         |
| Minimum illuminance | $E_{min}$           | 61.8 lx       |
| Maximum illuminance | $E_{max}$           | 97.3 lx       |
| Uniformity $U_o$    | $E_{min}/\bar{E}_m$ | 1:1.34 (0.74) |
| Diversity $U_d$     | $E_{min}/E_{max}$   | 1:1.57 (0.64) |

Type No.\Make

ALD Lighting Solutions



6 13E x

|                |                                  |                          |
|----------------|----------------------------------|--------------------------|
| Order No.      | : !ET/15/5K/CL/BK EM             | -- Emergency Lighting -- |
| Luminaire name | : ETON 15W 5K + Emergency        |                          |
| Equipment      | : 1 x undefined 14.7 W / 1080 lm |                          |
| Emergency      | : 220 lm (20.4 %)                |                          |

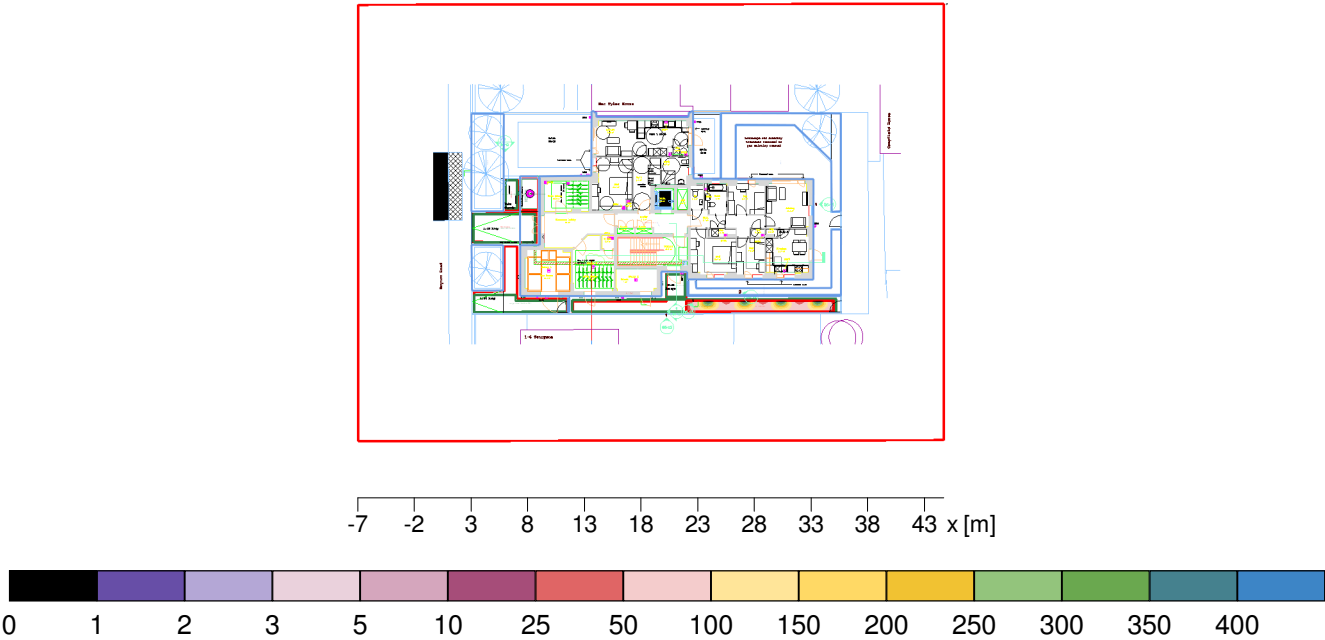


7 1E x

|                |                                 |                          |
|----------------|---------------------------------|--------------------------|
| Order No.      | : !FLO/22/4K/BK EM              | -- Emergency Lighting -- |
| Luminaire name | : FusiLED - OPEN 4K + Emergency |                          |
| Equipment      | : 1 x LED 19.4 W / 1750 lm      |                          |
| Emergency      | : 270.61 lm (15.5 %)            |                          |

1.2 Summary, Exterior 1

1.2.6 Result overview, Southeast Path



General

|                                   |                           |
|-----------------------------------|---------------------------|
| Calculation algorithm used        | Average indirect fraction |
| Height of evaluation surface      | 0.00 m                    |
| Maintenance factor                | 0.90                      |
| Total luminous flux               | 15790 lm                  |
| Total power                       | 210.5 W                   |
| Total power per area (1982.39 m²) | 0.11 W/m²                 |

Illuminance

|                     |                     |               |
|---------------------|---------------------|---------------|
| Average illuminance | $\bar{E}_m$         | 127 lx        |
| Minimum illuminance | $E_{min}$           | 31 lx         |
| Maximum illuminance | $E_{max}$           | 399 lx        |
| Uniformity $U_0$    | $E_{min}/\bar{E}_m$ | 1:4.05 (0.25) |
| Diversity $U_d$     | $E_{min}/E_{max}$   | 1:12.8 (0.08) |

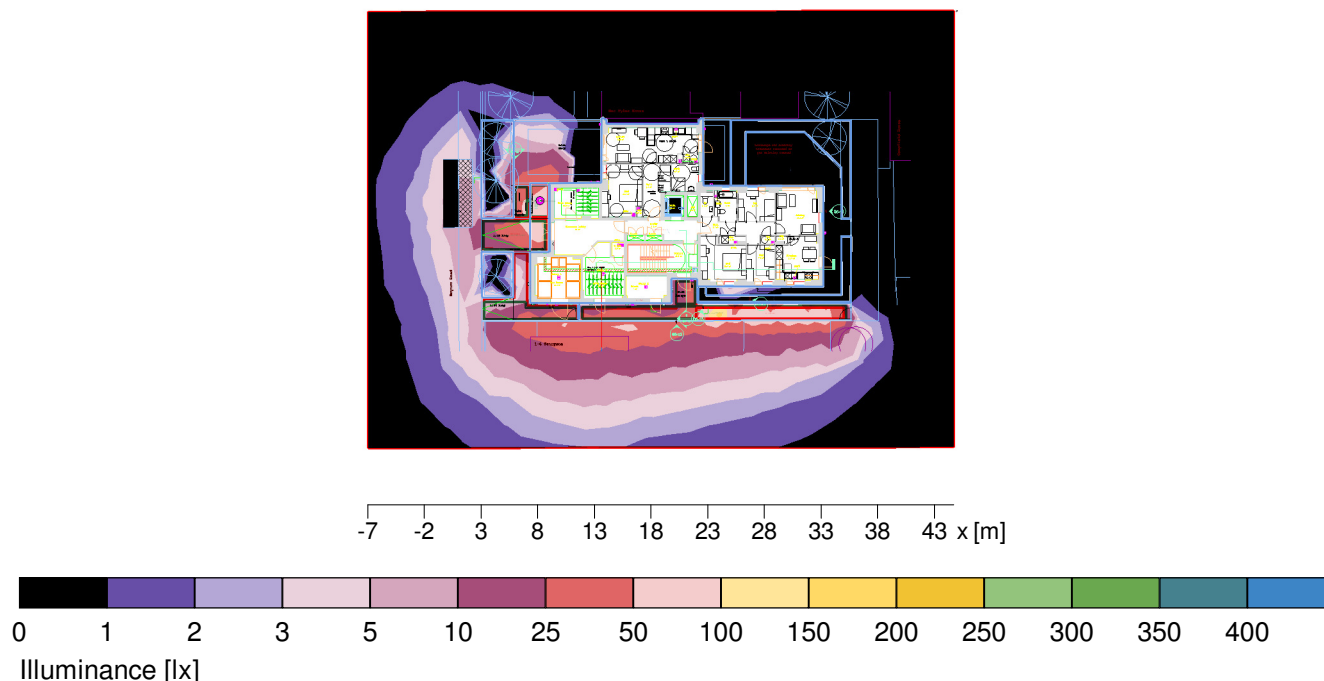
Type No.\Make

ALD Lighting Solutions

|   |       |                |                                  |                          |
|---|-------|----------------|----------------------------------|--------------------------|
| 6 | 13E x | Order No.      | : !ET/15/5K/CL/BK EM             | -- Emergency Lighting -- |
|   |       | Luminaire name | : ETON 15W 5K + Emergency        |                          |
|   |       | Equipment      | : 1 x undefined 14.7 W / 1080 lm |                          |
|   |       | Emergency      | : 220 lm (20.4 %)                |                          |
| 7 | 1E x  | Order No.      | : !FLO/22/4K/BK EM               | -- Emergency Lighting -- |
|   |       | Luminaire name | : FusiLED - OPEN 4K + Emergency  |                          |
|   |       | Equipment      | : 1 x LED 19.4 W / 1750 lm       |                          |
|   |       | Emergency      | : 270.61 lm (15.5 %)             |                          |

## 1.2 Summary, Exterior 1

### 1.2.7 Result overview, Evaluation area 1



#### General

Calculation algorithm used  
 Maintenance factor

Average indirect fraction  
 0.90

Total luminous flux

15790.00 lm

Total power

210.5 W

Total power per area (1982.39 m<sup>2</sup>)

0.11 W/m<sup>2</sup> (1.76 W/m<sup>2</sup>/100lx)

#### Evaluation area 1

#### Reference plane 1.1

Horizontal  
 $\bar{E}_m$  6.03 lx  
 $E_{min}$  0 lx  
 $E_{min}/\bar{E}_m (U_0)$  ---  
 $E_{min}/E_{max} (U_d)$  ---  
 Position 0.00 m

#### Type No.\Make

#### ALD Lighting Solutions

6 13E x Order No. : IET/15/5K/CL/BK EM -- Emergency Lighting --  
 Luminaire name : ETON 15W 5K + Emergency  
 Equipment : 1 x undefined 14.7 W / 1080 lm  
 Emergency : 220 lm (20.4 %)

Object : Wat Tyler - Exterior  
Installation : Wat Tyler - Exterior  
Project number : LSC11122/B  
Date : 28.04.2025



## 1.2 Summary, Exterior 1

### 1.2.7 Result overview, Evaluation area 1

|   |      |                |                                 |                          |
|---|------|----------------|---------------------------------|--------------------------|
| 7 | 1E x | Order No.      | : !FLO/22/4K/BK EM              | -- Emergency Lighting -- |
|   |      | Luminaire name | : FusiLED - OPEN 4K + Emergency |                          |
|   |      | Equipment      | : 1 x LED 19.4 W / 1750 lm      |                          |
|   |      | Emergency      | : 270.61 lm (15.5 %)            |                          |



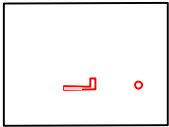
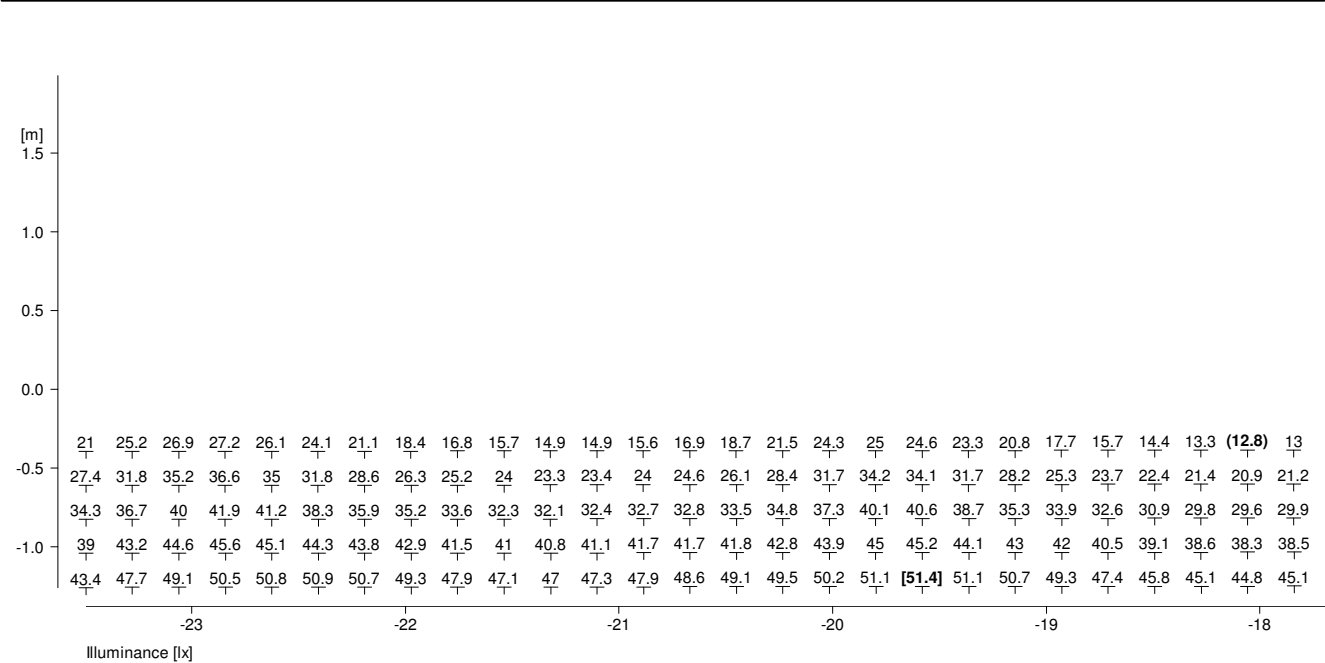
Object : Wat Tyler - Exterior  
Installation : Wat Tyler - Exterior  
Project number : LSC11122/B  
Date : 28.04.2025



1 Exterior 1

1.3 Calculation results, Exterior 1

1.3.1 Table, South Path (E)



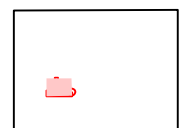
Part1

|                        |                     |                   |
|------------------------|---------------------|-------------------|
| Height reference plane |                     | : 0.00 m          |
| Average illuminance    | $\bar{E}_m$         | : 34.5 lx         |
| Minimum illuminance    | $E_{min}$           | : 12.8 lx         |
| Maximum illuminance    | $E_{max}$           | : 51.4 lx         |
| Uniformity $U_0$       | $E_{min}/\bar{E}_m$ | : 1 : 2.69 (0.37) |



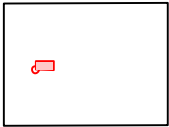
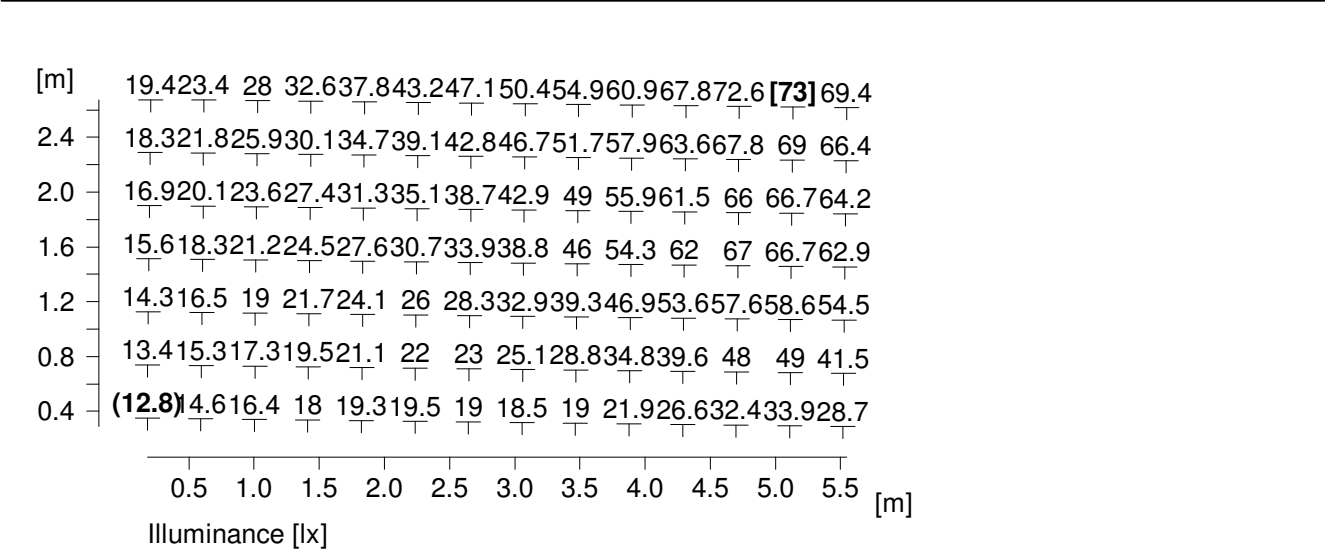


### 1.3.2 Table, Southwest Path (E)



1.3 Calculation results, Exterior 1

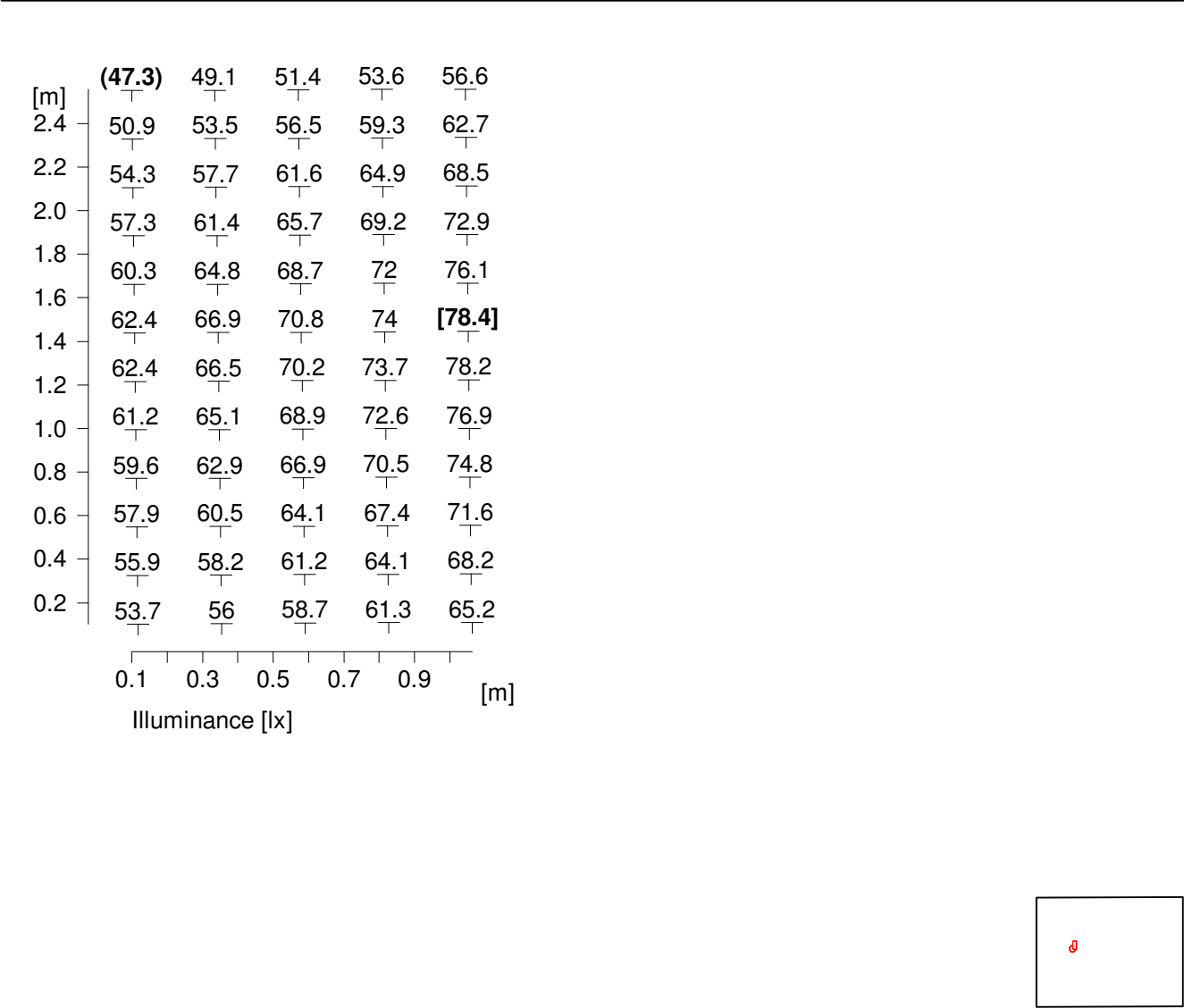
1.3.3 Table, West Entrance (E)



|                        |                     |                   |
|------------------------|---------------------|-------------------|
| Height reference plane |                     | : 0.00 m          |
| Average illuminance    | $\bar{E}_m$         | : 37.5 lx         |
| Minimum illuminance    | $E_{min}$           | : 12.8 lx         |
| Maximum illuminance    | $E_{max}$           | : 73 lx           |
| Uniformity $U_0$       | $E_{min}/\bar{E}_m$ | : 1 : 2.93 (0.34) |

1.3 Calculation results, Exterior 1

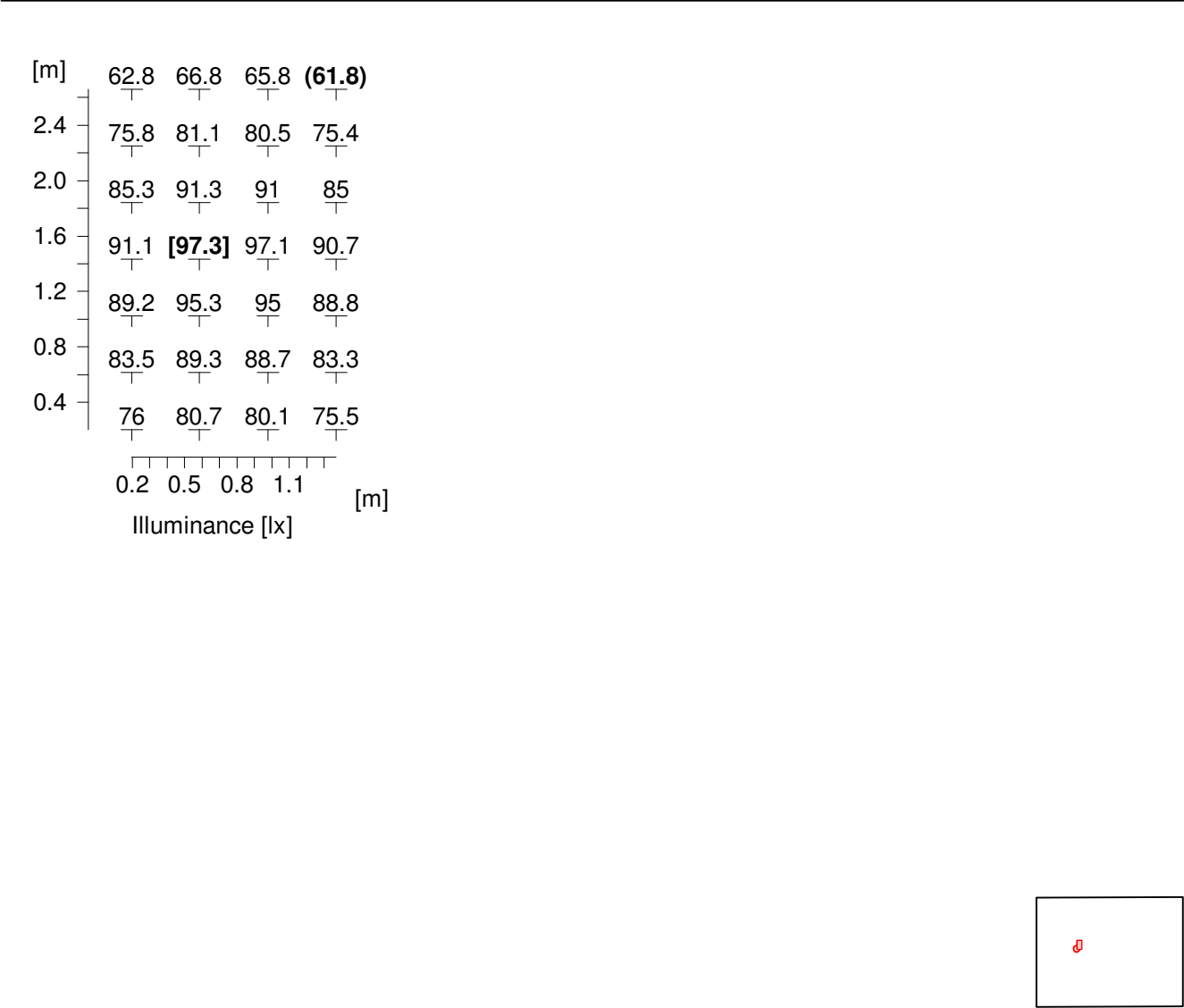
1.3.4 Table, Bike Stand (E)



|                        |                     |                   |
|------------------------|---------------------|-------------------|
| Height reference plane |                     | : 0.00 m          |
| Average illuminance    | $\bar{E}_m$         | : 63.7 lx         |
| Minimum illuminance    | $E_{min}$           | : 47.3 lx         |
| Maximum illuminance    | $E_{max}$           | : 78.4 lx         |
| Uniformity $U_0$       | $E_{min}/\bar{E}_m$ | : 1 : 1.35 (0.74) |

1.3 Calculation results, Exterior 1

1.3.5 Table, Under canopy Cycle area (E)

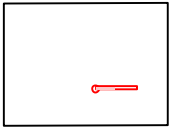


|                        |                     |                   |
|------------------------|---------------------|-------------------|
| Height reference plane |                     | : 0.00 m          |
| Average illuminance    | $\bar{E}_m$         | : 83 lx           |
| Minimum illuminance    | $E_{min}$           | : 61.8 lx         |
| Maximum illuminance    | $E_{max}$           | : 97.3 lx         |
| Uniformity $U_o$       | $E_{min}/\bar{E}_m$ | : 1 : 1.34 (0.74) |

1.3 Calculation results, Exterior 1

1.3.6 Table, Southeast Path (E)

|     |                  |    |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |              |     |     |     |     |  |  |
|-----|------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|--------------|-----|-----|-----|-----|--|--|
| [m] | 34               | 37 | 44 | 56 | 76 | 110 | 154 | 244 | 338 | 386 | 395 | 332 | 236 | 145 | 92  | 60 | 42 | 33 | 32 | 38 | 51 | 75 | 118 | 187 | 282 | 357 | <b>[399]</b> | 379 | 298 | 199 | 123 |  |  |
| 0.7 | 38               | 44 | 54 | 69 | 92 | 123 | 170 | 243 | 293 | 314 | 300 | 275 | 215 | 152 | 108 | 78 | 59 | 49 | 48 | 55 | 70 | 94 | 130 | 185 | 261 | 304 | 313          | 294 | 259 | 190 | 135 |  |  |
| 0.5 | 41               | 48 | 58 | 71 | 89 | 114 | 147 | 193 | 227 | 248 | 244 | 219 | 178 | 138 | 106 | 83 | 69 | 62 | 61 | 66 | 77 | 95 | 121 | 159 | 204 | 230 | 244          | 231 | 200 | 157 | 122 |  |  |
| 0.3 | 43               | 48 | 55 | 65 | 79 | 99  | 122 | 147 | 160 | 166 | 164 | 151 | 133 | 111 | 92  | 76 | 67 | 62 | 61 | 64 | 72 | 85 | 104 | 128 | 149 | 158 | 162          | 156 | 141 | 121 | 100 |  |  |
| 0.1 | 41               | 45 | 51 | 58 | 68 | 80  | 97  | 107 | 116 | 118 | 117 | 110 | 101 | 90  | 78  | 68 | 61 | 57 | 57 | 59 | 64 | 73 | 85  | 99  | 107 | 114 | 115          | 111 | 103 | 93  | 82  |  |  |
|     |                  |    |    |    |    |     |     |     |     |     | 2   |     |     |     |     |    |    |    |    |    |    | 4  |     |     |     |     |              |     |     |     |     |  |  |
|     | Illuminance [lx] |    |    |    |    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |              |     |     |     |     |  |  |



Part1

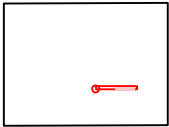
|                        |                     |                   |
|------------------------|---------------------|-------------------|
| Height reference plane |                     | : 0.00 m          |
| Average illuminance    | $\bar{E}_m$         | : 127 lx          |
| Minimum illuminance    | $E_{min}$           | : 31 lx           |
| Maximum illuminance    | $E_{max}$           | : 399 lx          |
| Uniformity $U_o$       | $E_{min}/\bar{E}_m$ | : 1 : 4.05 (0.25) |



1.3 Calculation results, Exterior 1

1.3.6 Table, Southeast Path (E)

|    |    |    |    |    |    |    |     |     |     |     |     |       |     |     |     |     |    |    |    |      |    |    |    |     |     |     |     |     |     |     |        |
|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|----|----|----|------|----|----|----|-----|-----|-----|-----|-----|-----|-----|--------|
| 78 | 53 | 38 | 32 | 33 | 42 | 59 | 88  | 139 | 220 | 317 | 375 | [399] | 352 | 263 | 166 | 104 | 67 | 46 | 35 | (31) | 35 | 47 | 67 | 105 | 165 | 256 | 342 | 388 | 389 | 319 | 223    |
| 96 | 70 | 54 | 48 | 50 | 60 | 77 | 105 | 147 | 214 | 282 | 311 | 305   | 282 | 233 | 167 | 119 | 84 | 63 | 51 | 48   | 52 | 65 | 86 | 118 | 167 | 240 | 294 | 311 | 295 | 266 | 204    |
| 93 | 74 | 63 | 59 | 60 | 67 | 80 | 101 | 131 | 174 | 212 | 235 | 239   | 220 | 183 | 142 | 109 | 84 | 68 | 60 | 58   | 61 | 70 | 86 | 110 | 144 | 189 | 219 | 238 | 231 | 203 | 162    |
| 83 | 69 | 62 | 59 | 60 | 64 | 74 | 90  | 111 | 135 | 151 | 158 | 159   | 149 | 133 | 112 | 92  | 76 | 65 | 59 | 58   | 60 | 66 | 78 | 95  | 118 | 140 | 151 | 156 | 153 | 139 | 119    |
| 71 | 63 | 57 | 54 | 55 | 58 | 65 | 74  | 89  | 100 | 109 | 112 | 112   | 106 | 98  | 88  | 77  | 67 | 59 | 54 | 53   | 54 | 59 | 66 | 77  | 91  | 101 | 108 | 109 | 106 | 98  | 88     |
| 6  |    |    |    |    |    |    |     |     |     |     | 8   |       |     |     |     |     |    |    |    |      |    | 10 |    |     |     |     |     |     |     |     | 12 [m] |

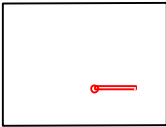


Part2

1.3 Calculation results, Exterior 1

1.3.6 Table, Southeast Path (E)

|     |    |    |    |
|-----|----|----|----|
| 136 | 85 | 53 | 33 |
| 143 | 99 | 67 | 45 |
| 122 | 90 | 65 | 48 |
| 96  | 76 | 57 | 44 |
| 76  | 62 | 49 | 38 |

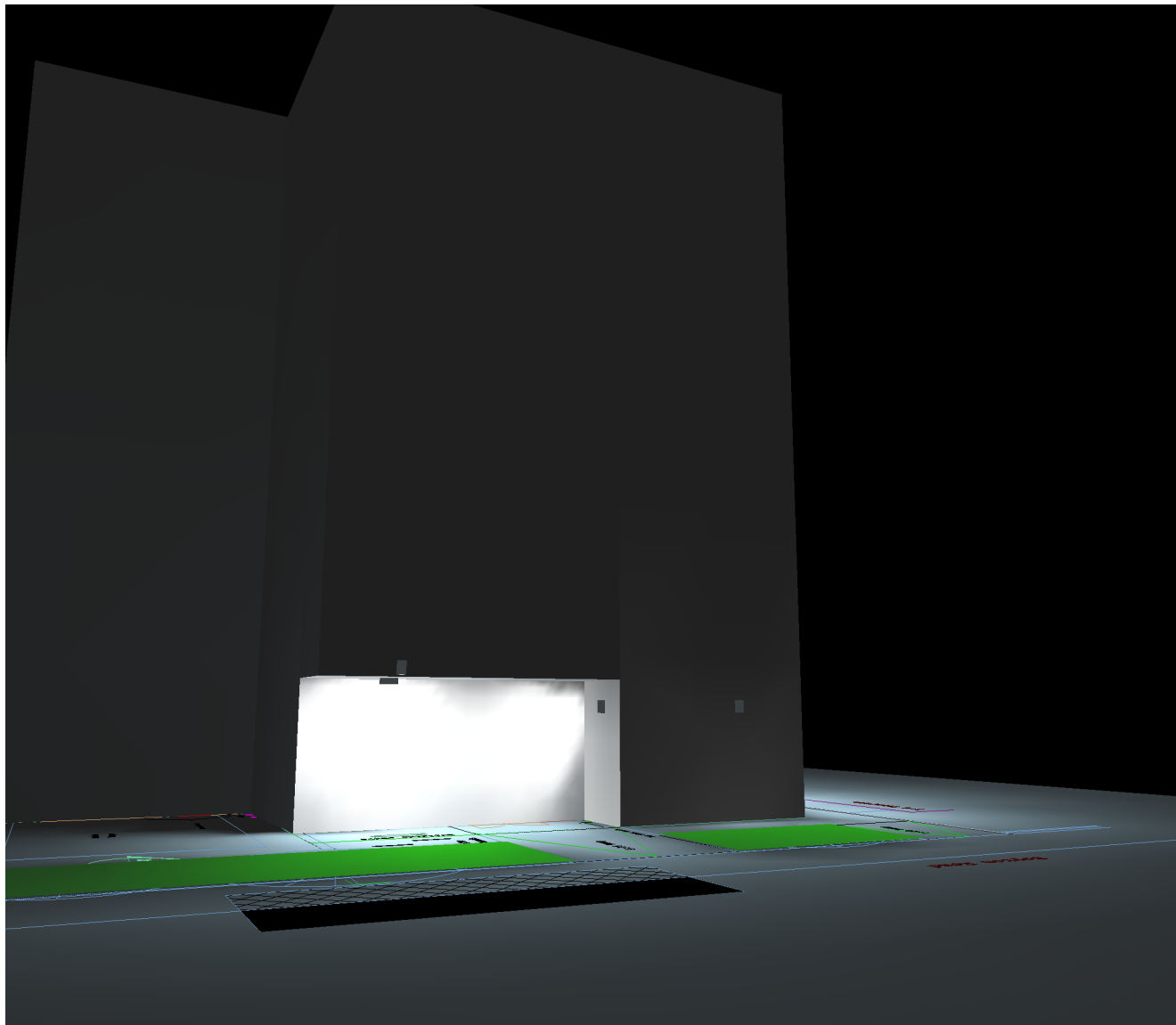


Part3

Object : Wat Tyler - Exterior  
Installation : Wat Tyler - Exterior  
Project number : LSC11122/B  
Date : 28.04.2025

## 1.3 Calculation results, Exterior 1

### 1.3.7 3D luminance, View 1



Luminance in the scene

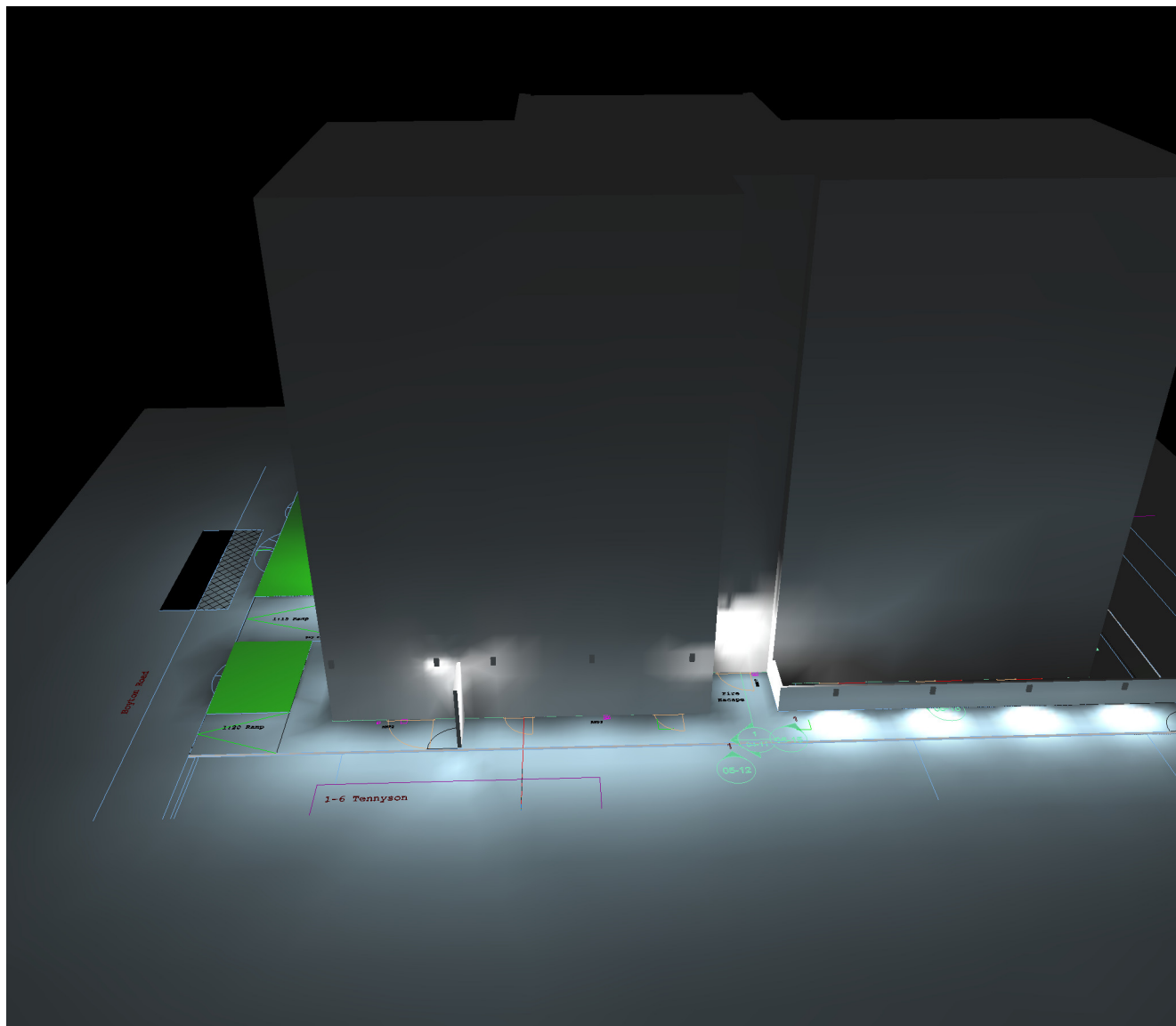
Minimum: : 0 cd/m<sup>2</sup>

Maximum: : 62.4 cd/m<sup>2</sup>

Object : Wat Tyler - Exterior  
Installation : Wat Tyler - Exterior  
Project number : LSC11122/B  
Date : 28.04.2025

## 1.3 Calculation results, Exterior 1

### 1.3.8 3D luminance, View 2



Luminance in the scene

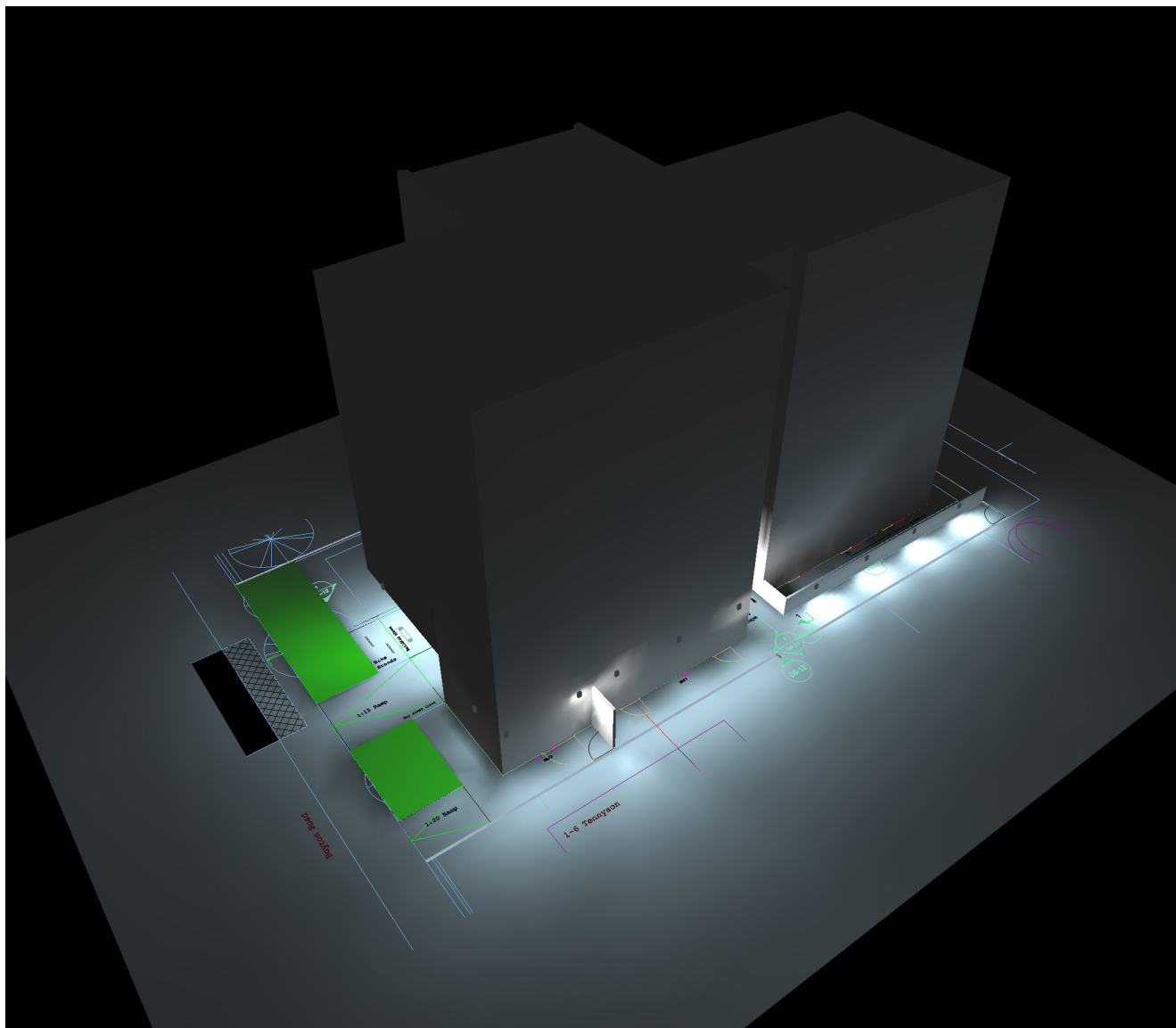
Minimum: : 0 cd/m<sup>2</sup>

Maximum: : 62.4 cd/m<sup>2</sup>

Object : Wat Tyler - Exterior  
Installation : Wat Tyler - Exterior  
Project number : LSC11122/B  
Date : 28.04.2025

## 1.3 Calculation results, Exterior 1

### 1.3.9 3D luminance, View 3



Luminance in the scene

Minimum: : 0 cd/m<sup>2</sup>

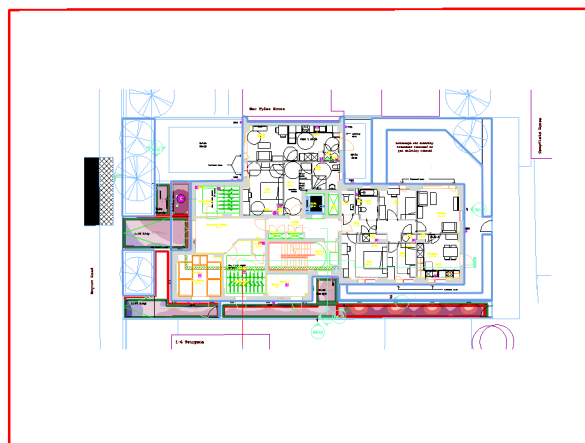
Maximum: : 62.4 cd/m<sup>2</sup>

Object : Wat Tyler - Exterior  
 Installation : Wat Tyler - Exterior  
 Project number : LSC11122/B  
 Date : 28.04.2025

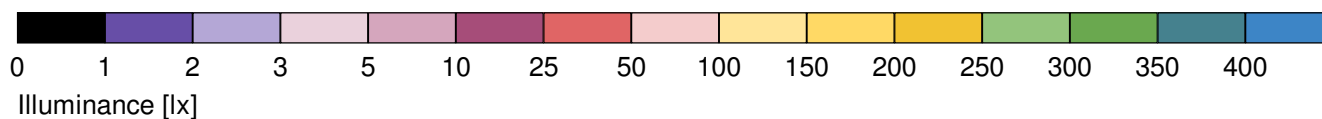
# 1 Exterior 1

## 1.4 Summary, Exterior 1

### 1.4.1.1 Result overview (emergency lighting)



-7 -2 3 8 13 18 23 28 33 38 43 x [m]

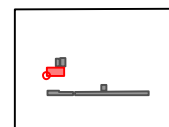


#### General

Calculation algorithm used : Direct component  
 Maintenance factor : 0.8  
 Height (phot centre) -variable-  
 Maximum I : 110 cd

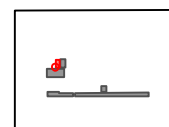
#### Anti panic area:

| No.                                                           | Surface<br>Emin [lx] Emax [lx] | Ud        |
|---------------------------------------------------------------|--------------------------------|-----------|
| <b>1 Anti panic area 1 West Entrance</b>                      |                                |           |
| Calculation field: 5.43m x 2.47m (14 x 7 pts), Height = 0.00m |                                |           |
| 1                                                             | 2.00 lx 9.99 lx                | 1: 5.00   |
|                                                               | >= 1 lx                        | >= 1 : 40 |



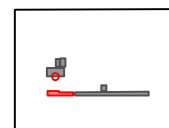
#### 2 Anti panic area 2 Bike Stand

|                                                               |                  |           |
|---------------------------------------------------------------|------------------|-----------|
| Calculation field: 1.02m x 2.47m (5 x 12 pts), Height = 0.00m |                  |           |
| 2                                                             | 6.65 lx 10.48 lx | 1: 1.58   |
|                                                               | >= 1 lx          | >= 1 : 40 |



#### 3 Anti panic area 3 Southwest Path

|                                                               |                 |           |
|---------------------------------------------------------------|-----------------|-----------|
| Calculation field: 8.21m x 1.67m (29 x 6 pts), Height = 0.00m |                 |           |
| 3                                                             | 1.52 lx 8.39 lx | 1: 5.51   |
|                                                               | >= 1 lx         | >= 1 : 40 |



Object : Wat Tyler - Exterior  
 Installation : Wat Tyler - Exterior  
 Project number : LSC11122/B  
 Date : 28.04.2025

# 1 Exterior 1

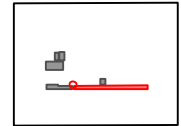
## 1.4 Summary, Exterior 1

### 1.4.1.1 Result overview (emergency lighting)

#### 4 Anti panic area 4 South Path

Calculation field: 23.26m x 1.13m (107 x 5 pts), Height = 0.00m

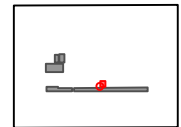
|   |         |          |           |
|---|---------|----------|-----------|
| 4 | 1.25 lx | 72.26 lx | 1: 57.72  |
|   | >= 1 lx |          | >= 1 : 40 |



#### 5 Anti panic area 5 South Entrance

Calculation field: 1.68m x 1.94m (5 x 6 pts), Height = 0.00m

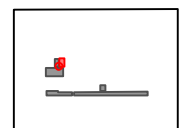
|   |         |         |           |
|---|---------|---------|-----------|
| 5 | 1.51 lx | 7.56 lx | 1: 4.99   |
|   | >= 1 lx |         | >= 1 : 40 |



#### 6 Anti panic area 6 Southwest Covered cycle area

Calculation field: 1.48m x 2.77m (4 x 7 pts), Height = 0.00m

|   |           |          |           |
|---|-----------|----------|-----------|
| 6 | 6.94 lx   | 12.29 lx | 1: 1.77   |
|   | >= 0.5 lx |          | >= 1 : 40 |



### Type No.\Make

#### ALD Lighting Solutions

|   |       |                |                                  |                          |
|---|-------|----------------|----------------------------------|--------------------------|
| 6 | 13E x | Order No.      | : !ET/15/5K/CL/BK EM             | -- Emergency Lighting -- |
|   |       | Luminaire name | : ETON 15W 5K + Emergency        |                          |
|   |       | Equipment      | : 1 x undefined 14.7 W / 1080 lm |                          |
|   |       | Emergency      | : 220 lm (20.4 %)                |                          |
| 7 | 1E x  | Order No.      | : !FLO/22/4K/BK EM               | -- Emergency Lighting -- |
|   |       | Luminaire name | : FusiLED - OPEN 4K + Emergency  |                          |
|   |       | Equipment      | : 1 x LED 19.4 W / 1750 lm       |                          |
|   |       | Emergency      | : 270.61 lm (15.5 %)             |                          |