

## Howards Scrap Yard 2

Installation : City Electrical Factors Portsmouth

Project number : Email

Customer : -

Processed by : Craig Wood

Date : 02.08.2013

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

Guarantee claims for luminaire data are excluded.

Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

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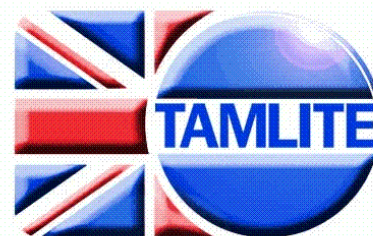


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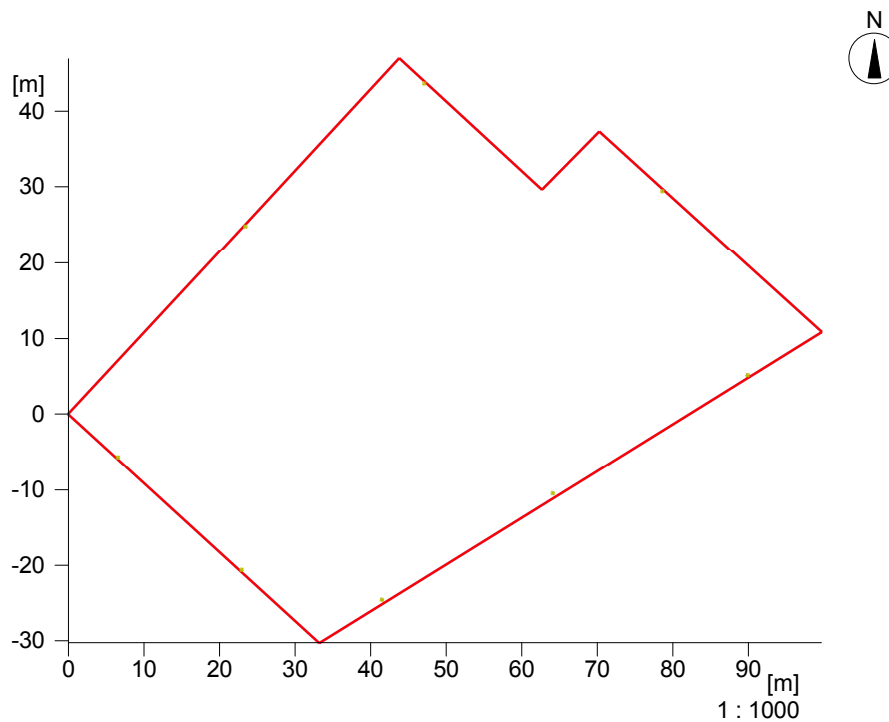
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## 1 Yard 2

### 1.1 Description, Yard 2

#### 1.1.1 Floor plan

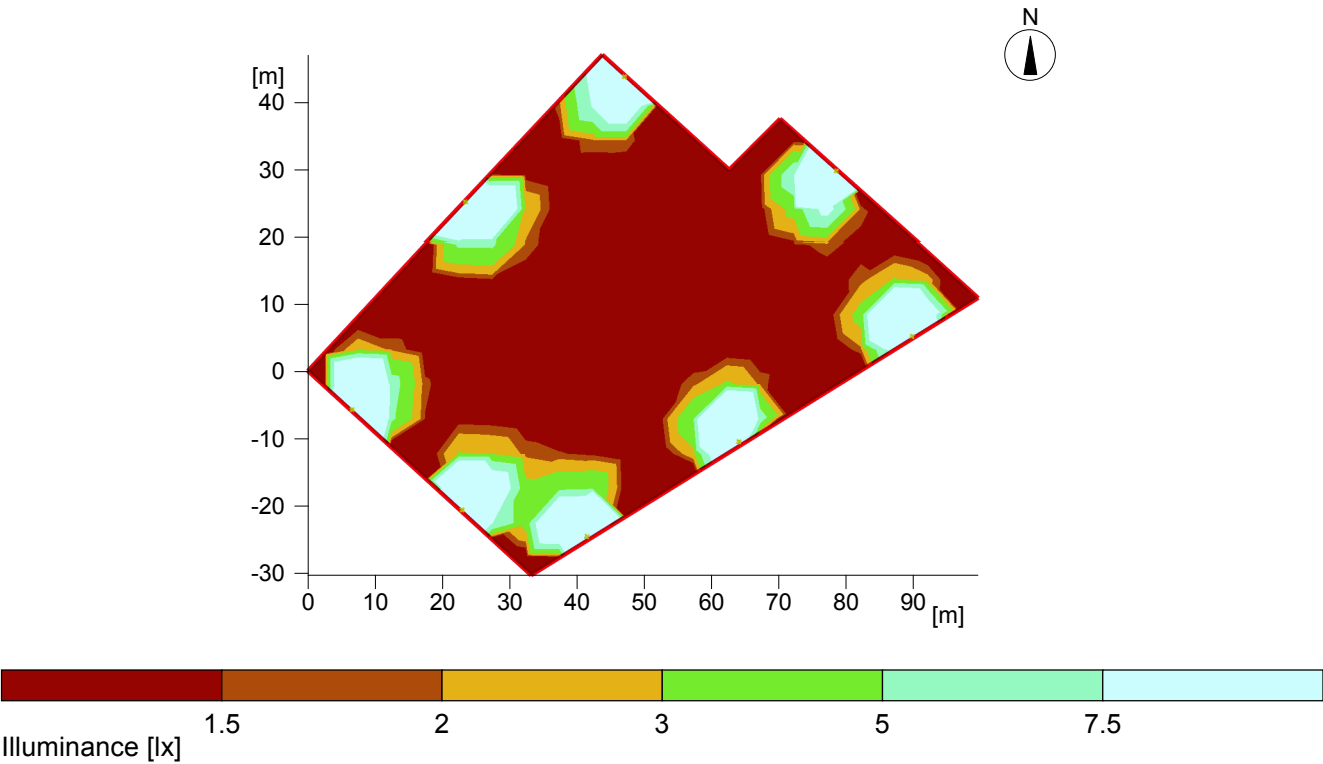




1 Yard 2

1.2 Summary, Yard 2

1.2.1 Result overview, Evaluation area 1



General

|                                   |                             |
|-----------------------------------|-----------------------------|
| Calculation algorithm used        | Average indirect fraction   |
| Maintenance factor                | 0.80                        |
| Total luminous flux of all lamps  | 24016 lm                    |
| Total power                       | 392.8 W                     |
| Total power per area (3865.36 m²) | 0.10 W/m² (2.76 W/m²/100lx) |

Evaluation area 1

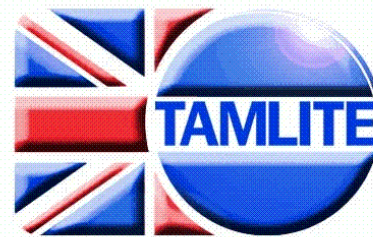
Reference plane 1.1

|                |            |
|----------------|------------|
|                | Horizontal |
| Em             | 3.68 lx    |
| Emin           | 0.07 lx    |
| Emin/Eav (Uo)  | 0.02       |
| Emin/Emax (Ud) | 0.00       |
| Position       | 0.00 m     |

Type No.\Make

|   |   |                                        |
|---|---|----------------------------------------|
| 1 | 8 | <b>Tamlite</b>                         |
|   |   | Order No. : EXPE50                     |
|   |   | Luminaire name : INFINITY SF           |
|   |   | Equipment : 1 x 50W LED 50 W / 3002 lm |

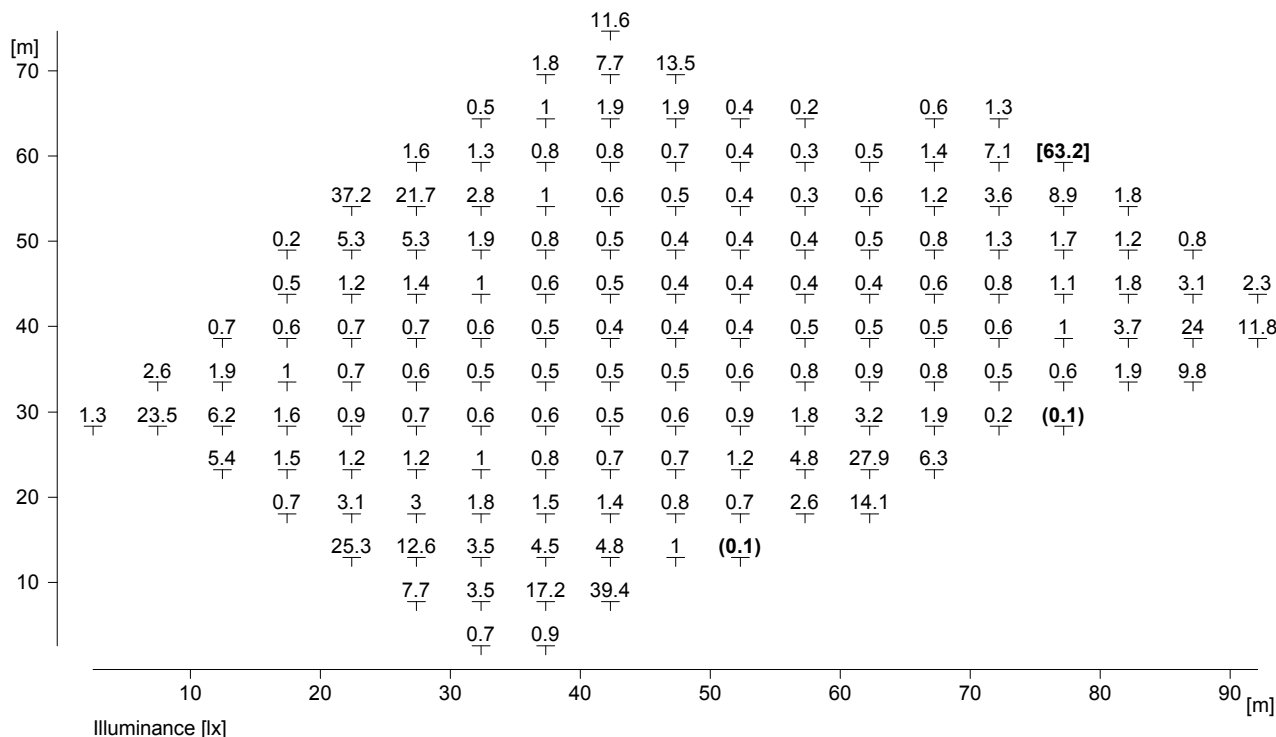
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## 1 Yard 2

### 1.3 Calculation results, Yard 2

#### 1.3.1 Table, Reference plane 1.1 (E)



|                               |           |                     |
|-------------------------------|-----------|---------------------|
| Height of the reference plane | :         | 0.00 m              |
| Average illuminance           | Eav       | : 3.7 lx            |
| Minimum illuminance           | Emin      | : 0.1 lx            |
| Maximum illuminance           | Emax      | : 63.2 lx           |
| Uniformity Uo                 | Emin/Eav  | : 1 : 49.64 (0.02)  |
| Diversity Ud                  | Emin/Emax | : 1 : 852.89 (0.00) |