

Howards Scrap Yard 1

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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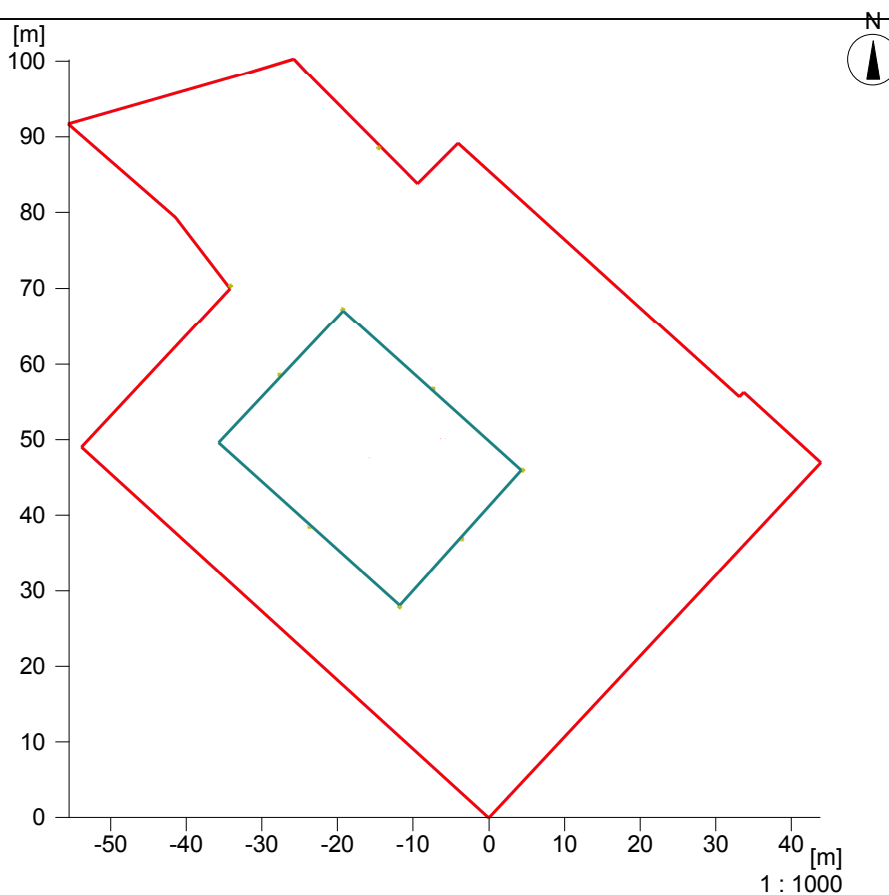


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1.1.1 Floor plan



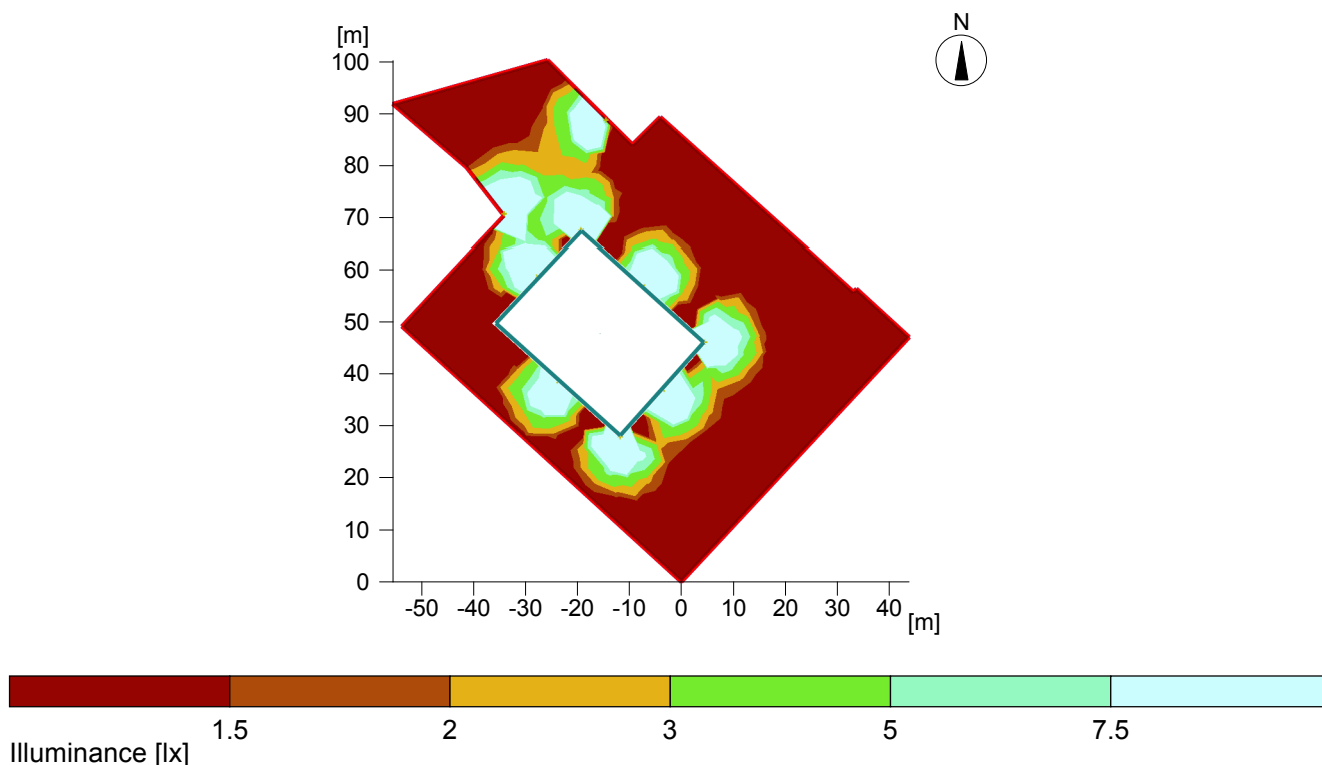
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1 Yard 1

1.2 Summary, Yard 1

1.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used
 photometric centre height.
 Maintenance factor

Average indirect fraction
 3.00 m
 0.80

Total luminous flux of all lamps
 Total power
 Total power per area (5138.34 m²)

27018 lm
 441.9 W
 0.09 W/m² (2.38 W/m²/100lx)

Evaluation area 1

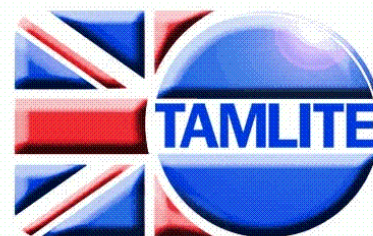
Reference plane 1.1

Horizontal
 Em 3.61 lx
 Emin 0.03 lx
 Emin/Eav (Uo) 0.01
 Emin/Emax (Ud) 0.00
 Position 0.00 m

Type No.\Make

1	9	Tamlite	
		Order No.	: EXPE50
		Luminaire name	: INFINITY SF
		Equipment	: 1 x 50W LED 50 W / 3002 lm

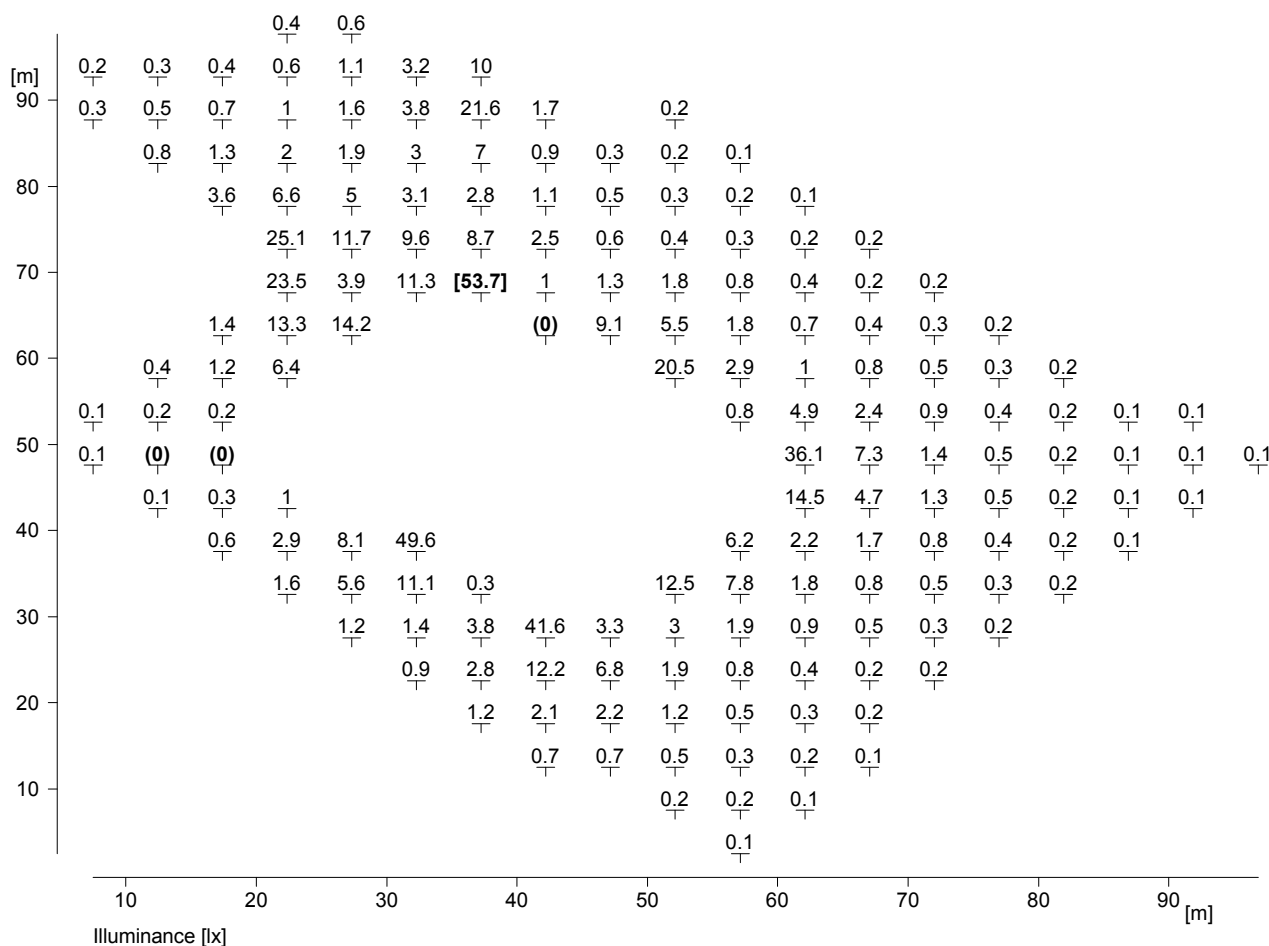
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1 Yard 1

1.3 Calculation results, Yard 1

1.3.1 Table, Reference plane 1.1 (E)



Height of the reference plane	: 0.00 m
Average illuminance	Eav : 3.6 lx
Minimum illuminance	Emin : 0 lx
Maximum illuminance	Emax : 53.7 lx
Uniformity Uo	Emin/Eav : 1 : 121.16 (0.01)
Diversity Ud	Emin/Emax : 1 : 1804.20 (0.00)