

FP McCann

Installation : GE - Tiling Factory Cadeby

Project number : 009902

Customer : Indigo LED

Processed by : Mark O'Connor

Date : 14.12.2023

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.

Table of contents

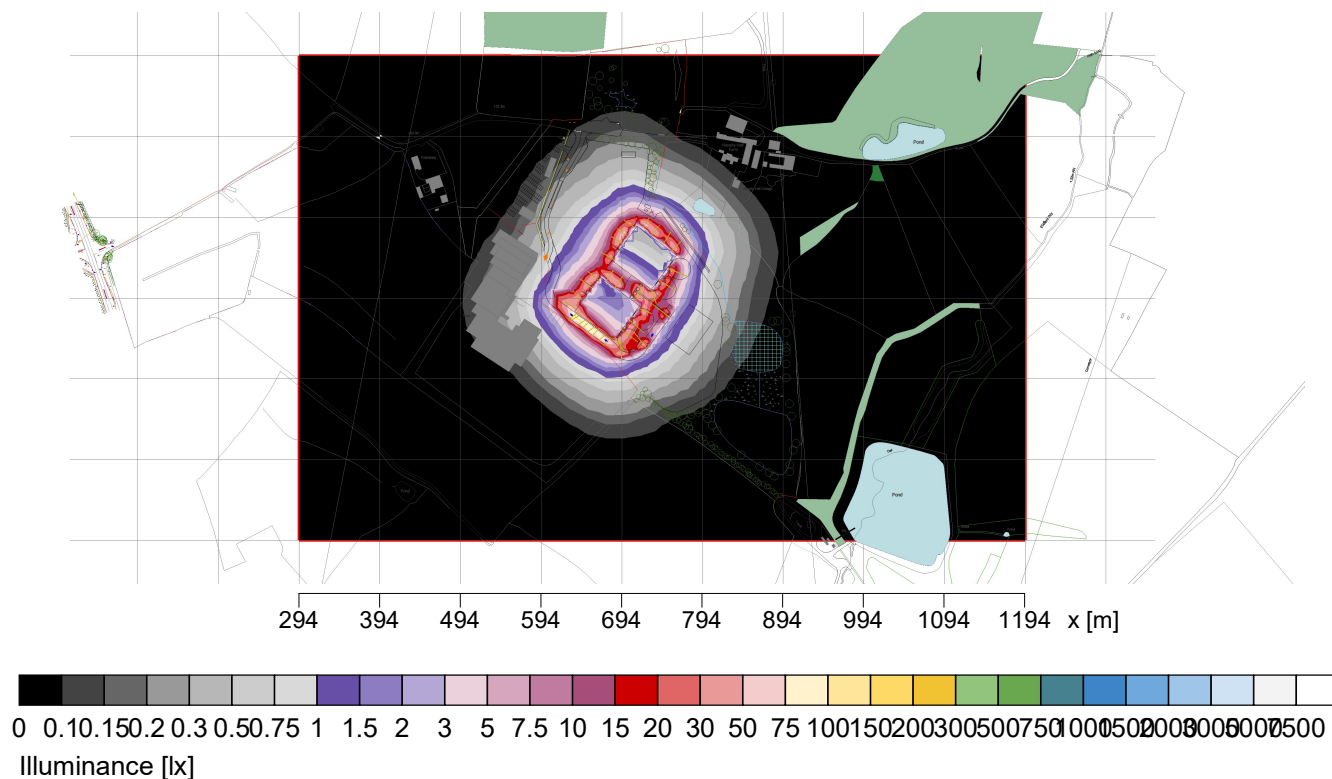
First Page	1
Table of contents	2
1 Exterior 1	
1.1 Summary, Exterior 1	
1.1.1 Result overview, Evaluation area 1	3
1.1.2 Result overview, Exterior 1	4
1.2 Calculation results, Exterior 1	
1.2.1 Table, Floor (E)	5

Object : FP McCann
 Installation : GE - Tiling Factory Cadeby
 Project number : 009902
 Date : 14.12.2023

1 Exterior 1

1.1 Summary, Exterior 1

1.1.1 Result overview, Evaluation area 1



General

Calculation algorithm used
 Height (phot centre)
 Maintenance factor

Average indirect fraction
 6.00 m
 0.80

Total luminous flux
 Total power
 Total power per area (540000.00 m²)

748680.00 lm
 6528.0 W
 0.01 W/m² (1.61 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
 Em
 Emin
 Emin/Em (Uo)
 Emin/Emax (Ud)
 Position

0.75 lx
 0 lx
 0.00
 0.00
 0.00 m

Type No. Make

1 34 x **Indigo LED**
 Order No. : www.indigoled.co.uk
 Luminaire name : Indigo LED - TITAN1004 - Titan 200w LED Flood Light
 Equipment : 1 x 192 W / 22020 lm

1.1 Summary, Exterior 1

1.1.2 Result overview, Exterior 1



Horizontal illuminance

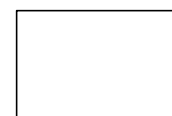
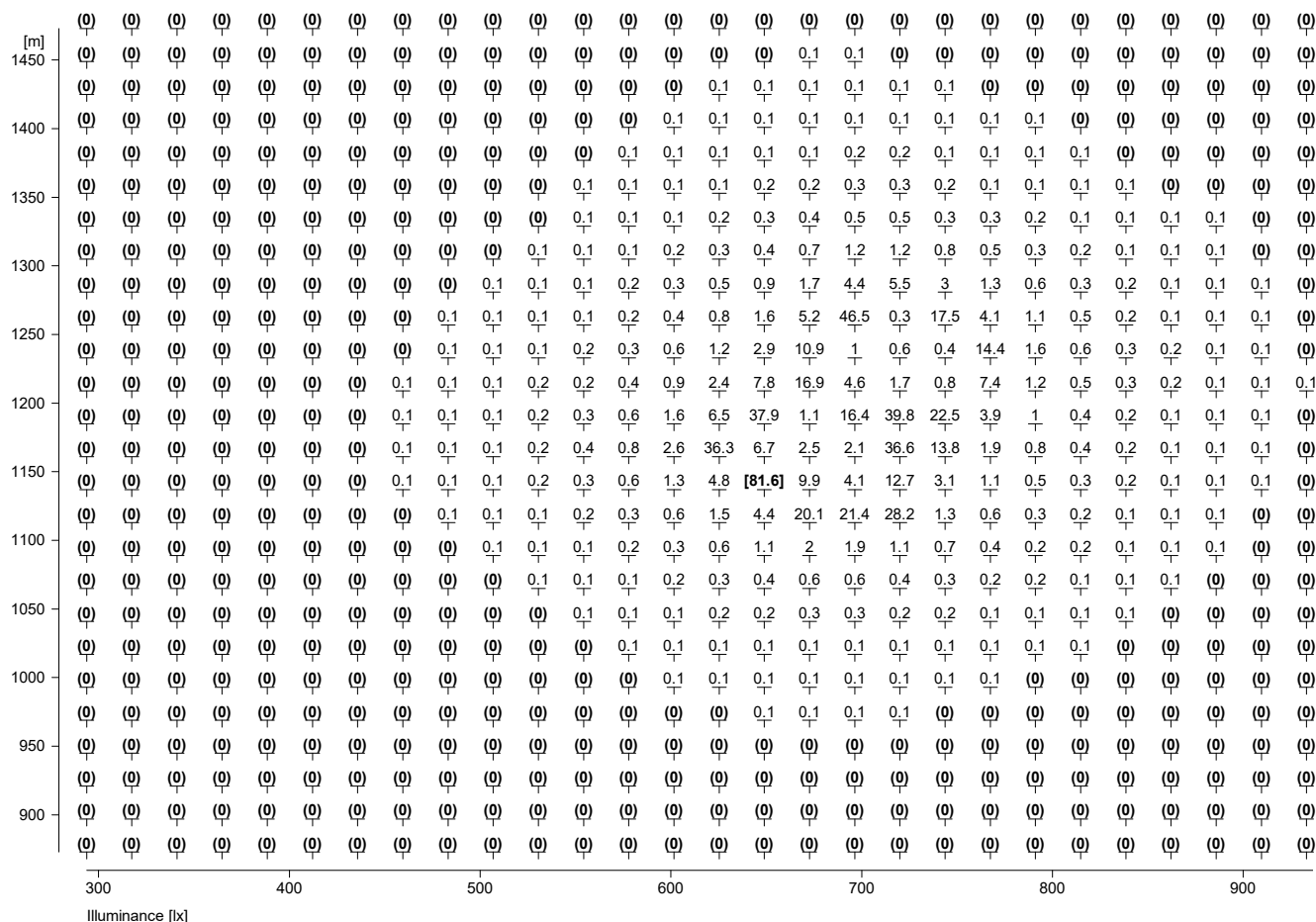
Measuring surface	X	Y	Z	E
E(p) 1	817 m	1340 m	3 m	0.05 lx
E(p) 2	830 m	1310 m	2.5 m	0.08 lx

Summary	Quantity	Em	Emin	Emax	Uo	Ud
Horizontal illuminance	2	0.06 lx	0.05 lx	0.08 lx	0.76	0.62

1 Exterior 1

1.2 Calculation results, Exterior 1

1.2.1 Table, Floor (E)



Part1

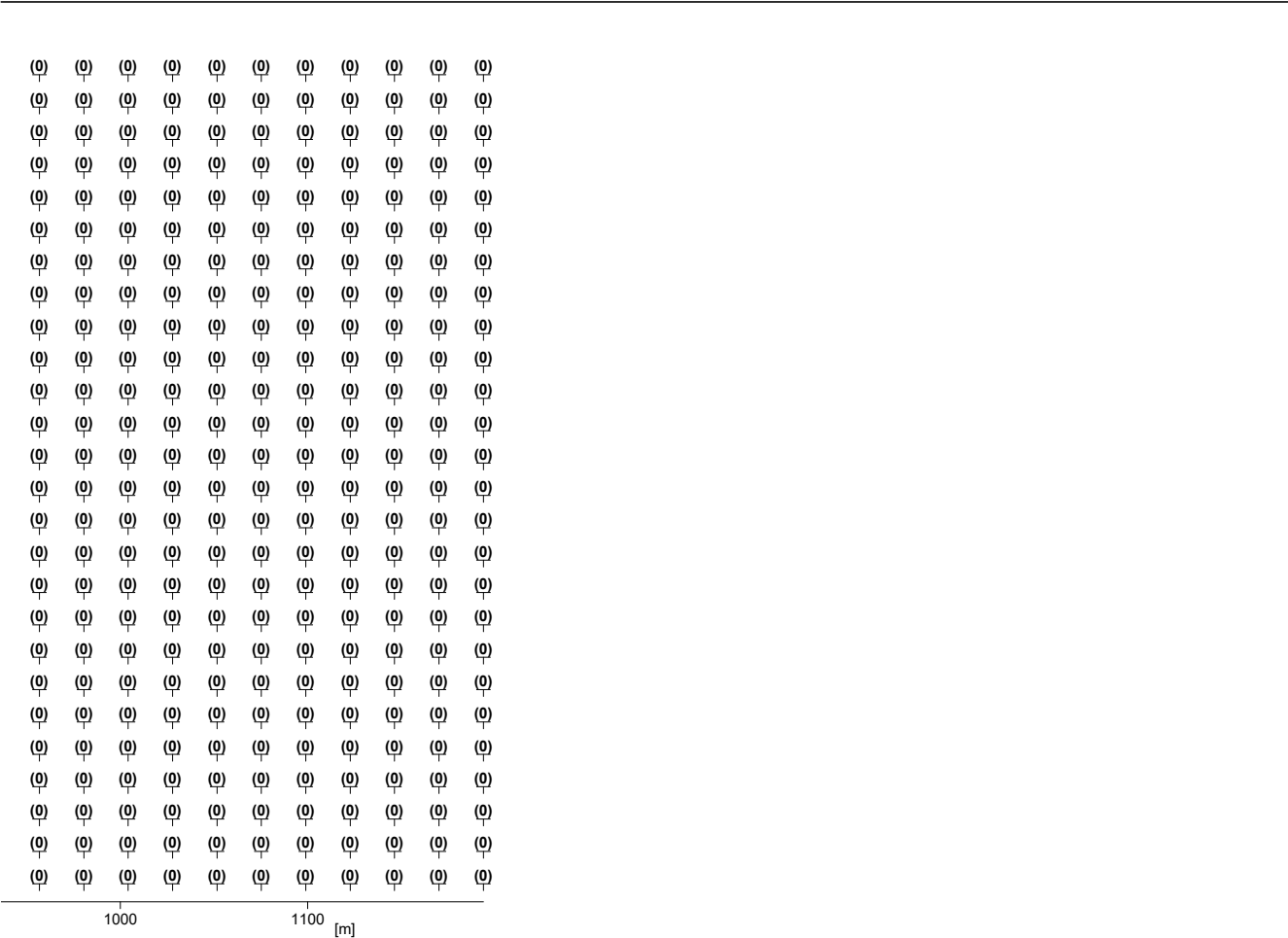
Average illuminance	Em	: 0.7 lx
Minimum illuminance	Emin	: 0 lx
Maximum illuminance	Emax	: 81.6 lx
Uniformity Uo	Emin/Em	: 1 : 292.61 (0.00)
Diversity Ud	Emin/Emax	: 1 : 36651.02 (0.00)



1 Exterior 1

1.2 Calculation results, Exterior 1

1.2.1 Table, Floor (E)



Part2