HUDDERSFIELD

Installation : HUDDERSFIELD V1

Project number : PS3LINE151
Customer :
Processed by :
Date : 15.06.2026

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.

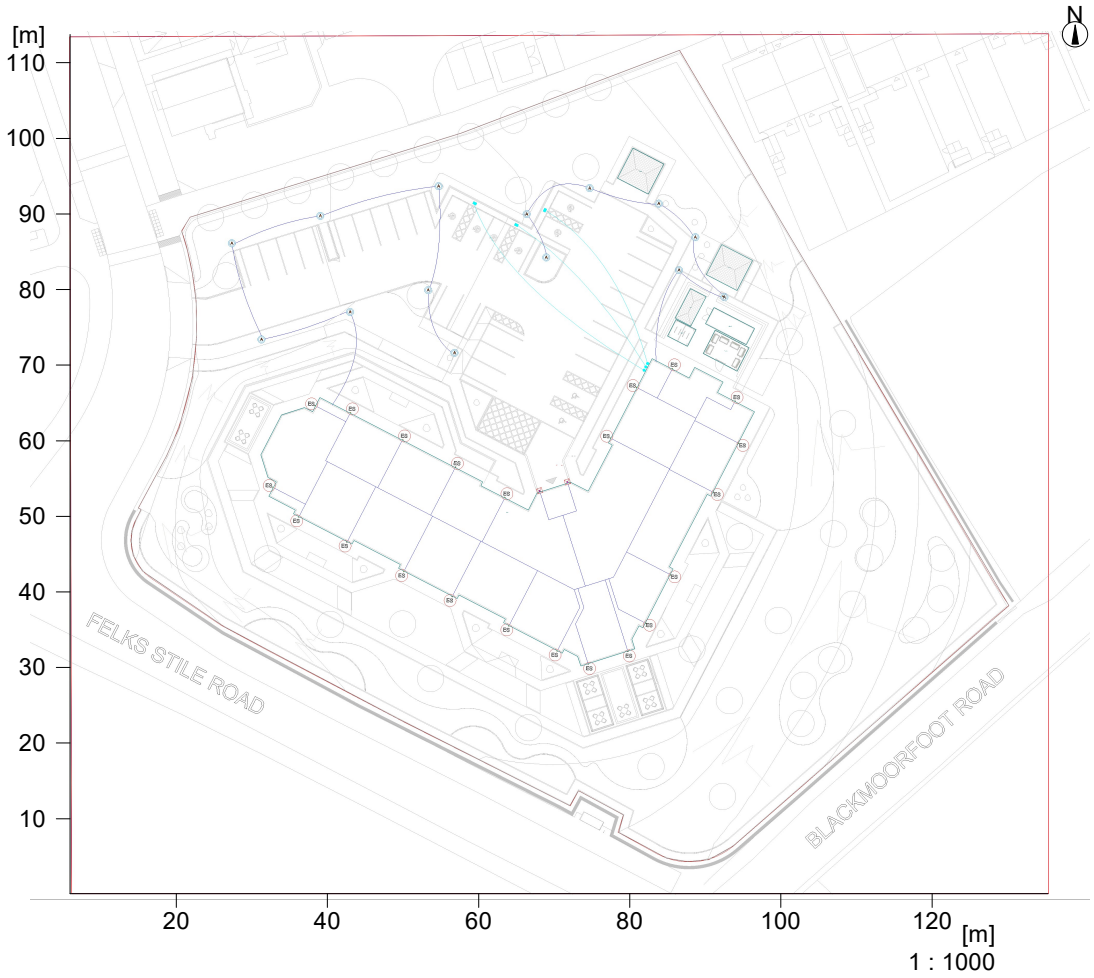
Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

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1 HUDDERFIELD

1.1 Description, HUDDERFIELD

1.1.1 Floor plan

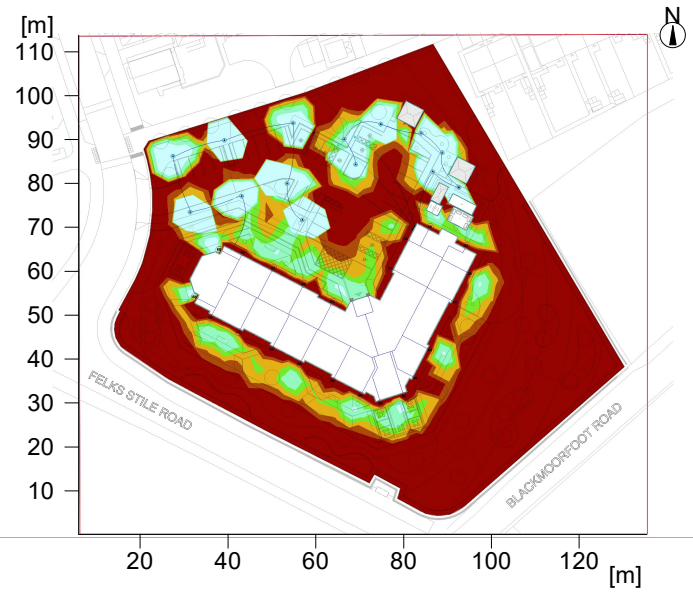


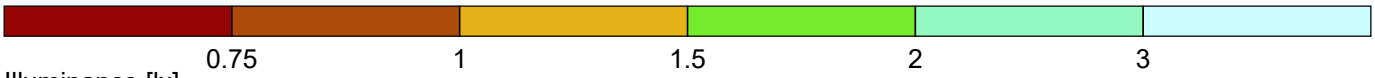
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1 HUDDERFIELD

1.2 Summary, HUDDERFIELD

1.2.1 Result overview, LIGHT SPILL TO BORDER





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.02 m
Maintenance factor	0.80
Total luminous flux of all lamps	24166 lm
Total power	259.4 W
Total power per area (14662.09 m²)	0.02 W/m²

Illuminance

Average illuminance	Eav	1.7 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	39.7 lx
Uniformity Uo	Emin/Em	1:78.1 (0.01)
Diversity Ud	Emin/Emax	1:1820 (0)

Type No.\Make

Ansell Lighting

1 22 Order No. : AREELEDWLD
Luminaire name : Reef LED Directional Wall Light
Equipment : 1 x 5.7 W / 460 lm

2 2 Order No. : !AGLED/WL
Luminaire name : Gila LED
Equipment : 1 x 11 W / 513 lm

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1.2 Summary, HUDDERFIELD

1.2.1 Result overview, LIGHT SPILL TO BORDER

Kingfisher Lighting Ltd (Luceco Group)

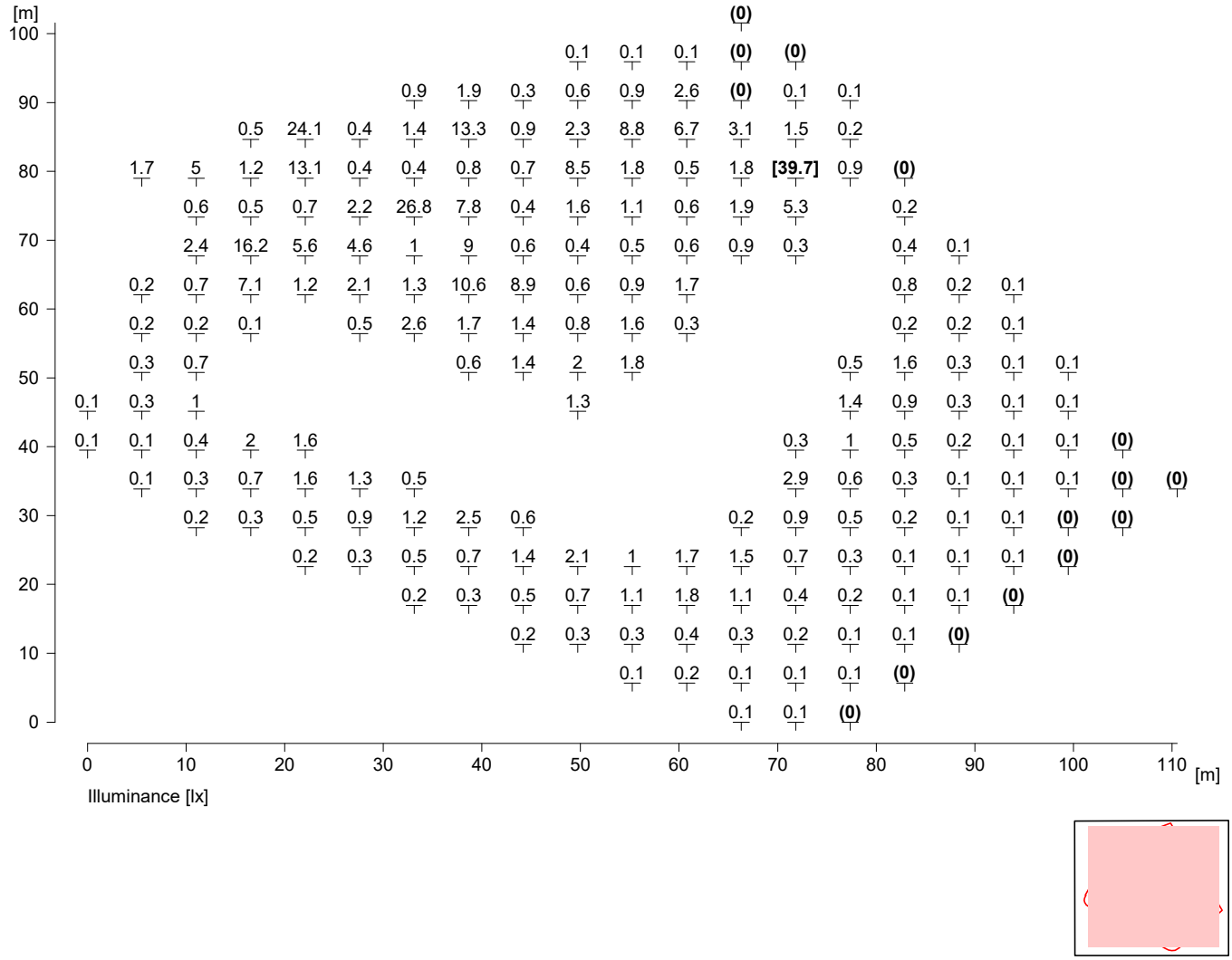
3	14	Order No.	: 7·5W DECO 2·0 bollard·4000K·1000mm·250mA·radial optic
		Luminaire name	: DECO 2·0
		Equipment	: 1 x 2835S · 4000K · CRI>80 · >50,000hrs · L7 8 W / 930 lm

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1 HUDDERFIELD

1.3 Calculation results, HUDDERFIELD

1.3.1 Table, LIGHT SPILL TO BORDER (E)

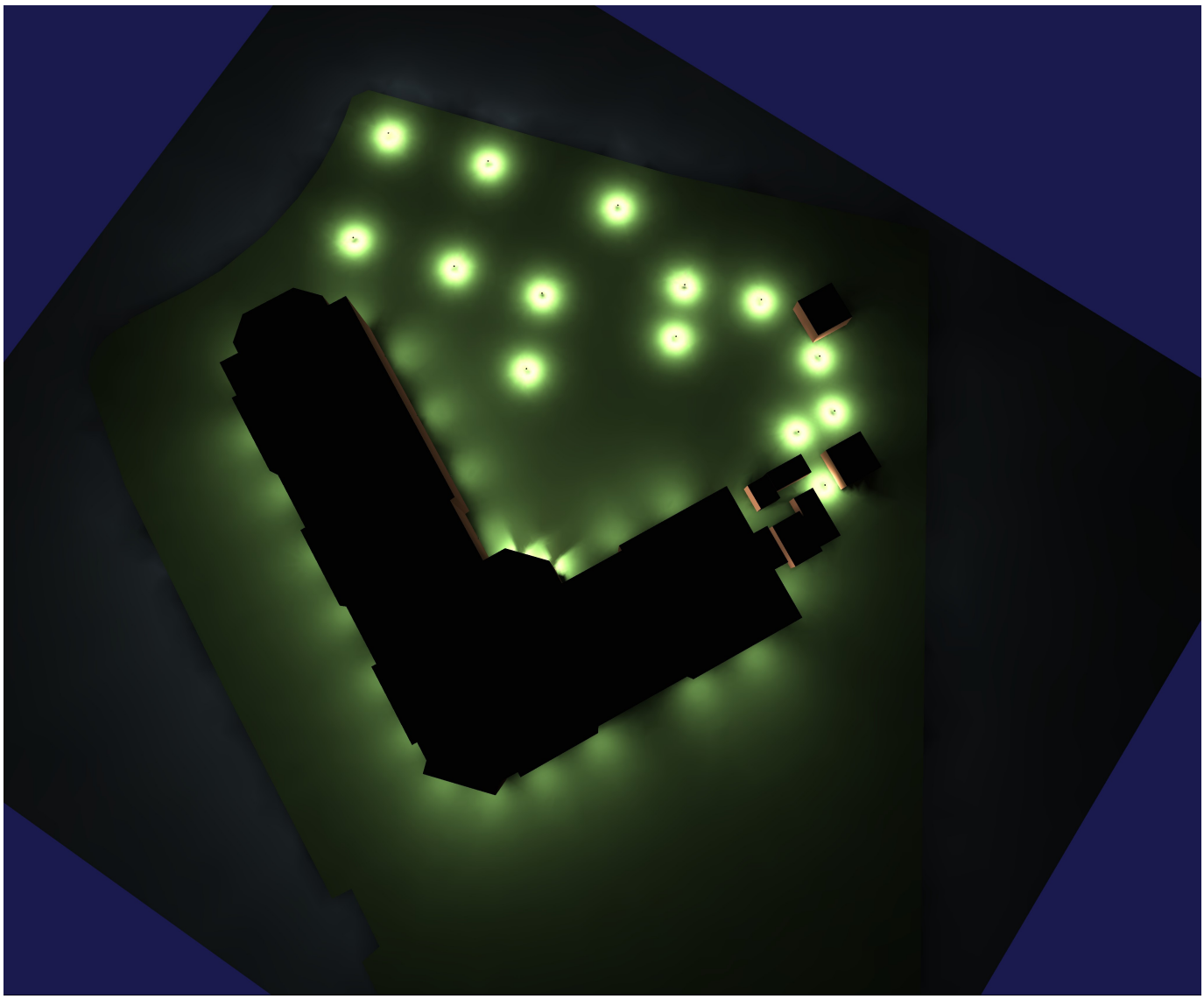


Height of the reference plane : 0.02 m

Average illuminance	Eav	: 1.7 lx
Minimum illuminance	Emin	: 0 lx
Maximum illuminance	Emax	: 39.7 lx
Uniformity Uo	Emin/Eav	: 1 : 78.14 (0.01)
Diversity Ud	Emin/Emax	: 1 : 1817.42 (0.00)

1.3 Calculation results, HUDDERFIELD

1.3.2 3D luminance, View 1



Luminance in the scene
Minimum: : 0 cd/m²
Maximum: : 18.3 cd/m²