

TROWBRIDGE

Installation : TROWBRIDGE V2

Project number : PS3LINE148

Customer :

Processed by :

Date : 09.05.2026

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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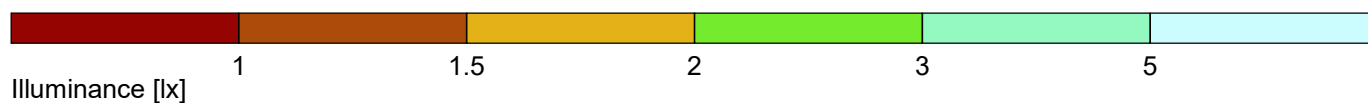
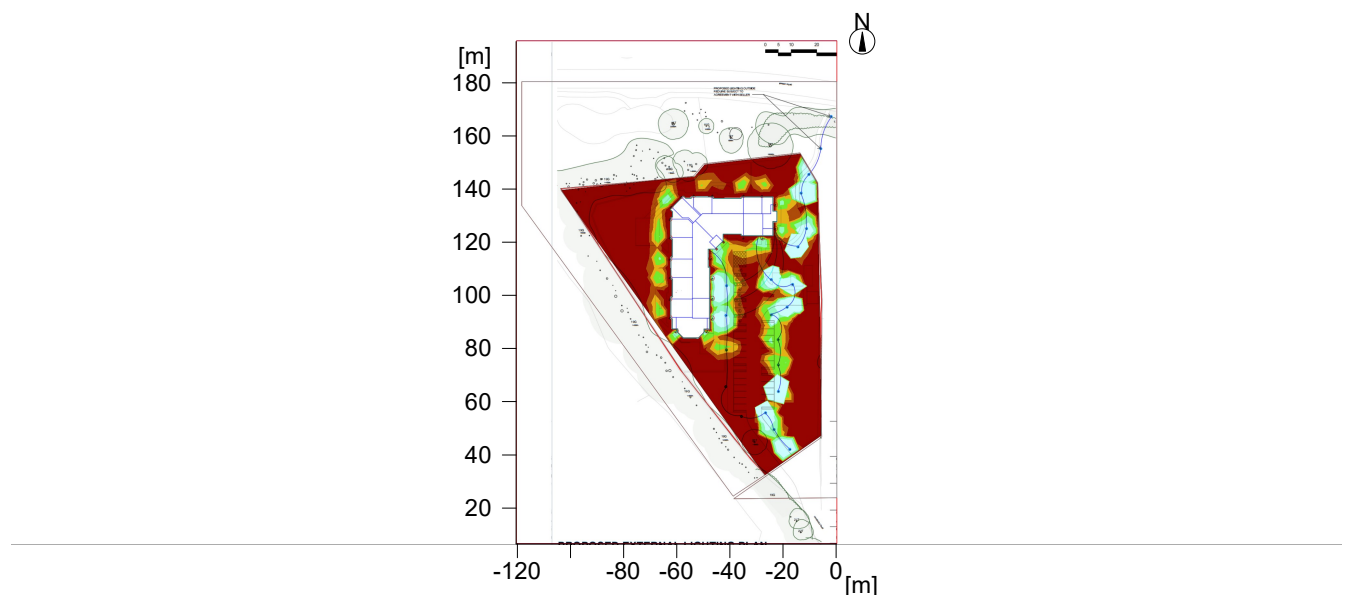
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1 TROWBRIDGE

1.1 Summary, TROWBRIDGE

1.1.1 Result overview, LIGHT SPILL TO BORDER OF SITE



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.02 m
Maintenance factor	0.80
Total luminous flux of all lamps	28816 lm
Total power	299.4 W
Total power per area (22774.50 m ²)	0.01 W/m ²

Illuminance

Average illuminance	Eav	2 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	25.1 lx
Uniformity Uo	Emin/Em	1:83.8 (0.01)
Diversity Ud	Emin/Emax	1:1030 (0)

Type No.\Make

1	22		Ansell Lighting
			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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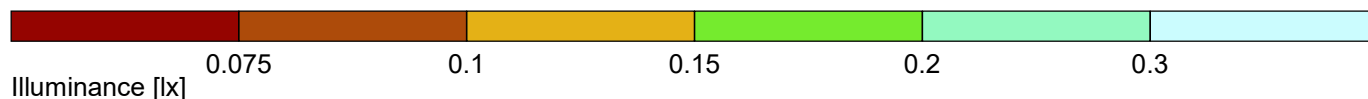
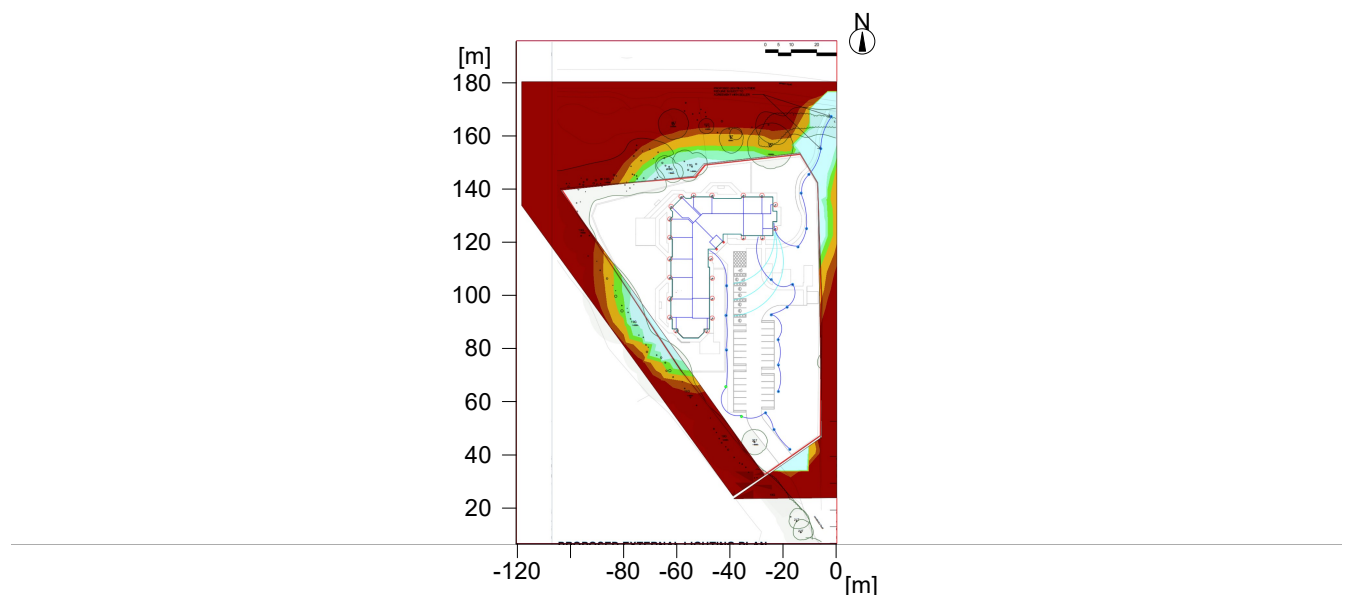
1.1 Summary, TROWBRIDGE

1.1.1 Result overview, LIGHT SPILL TO BORDER OF SITE

		Kingfisher Lighting Ltd (Luceco Group)	
3	19	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

1.1 Summary, TROWBRIDGE

1.1.2 Result overview, LIGHT SPILL BEYOND SITE



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.02 m
Maintenance factor	0.80
Total luminous flux of all lamps	28816 lm
Total power	299.4 W
Total power per area (22774.50 m²)	0.01 W/m²

Illuminance

Average illuminance	Eav	0.13 lx
Minimum illuminance	Emin	0.01 lx
Maximum illuminance	Emax	3.93 lx
Uniformity Uo	Emin/Em	1:24.7 (0.04)
Diversity Ud	Emin/Emax	1:749 (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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1.1 Summary, TROWBRIDGE

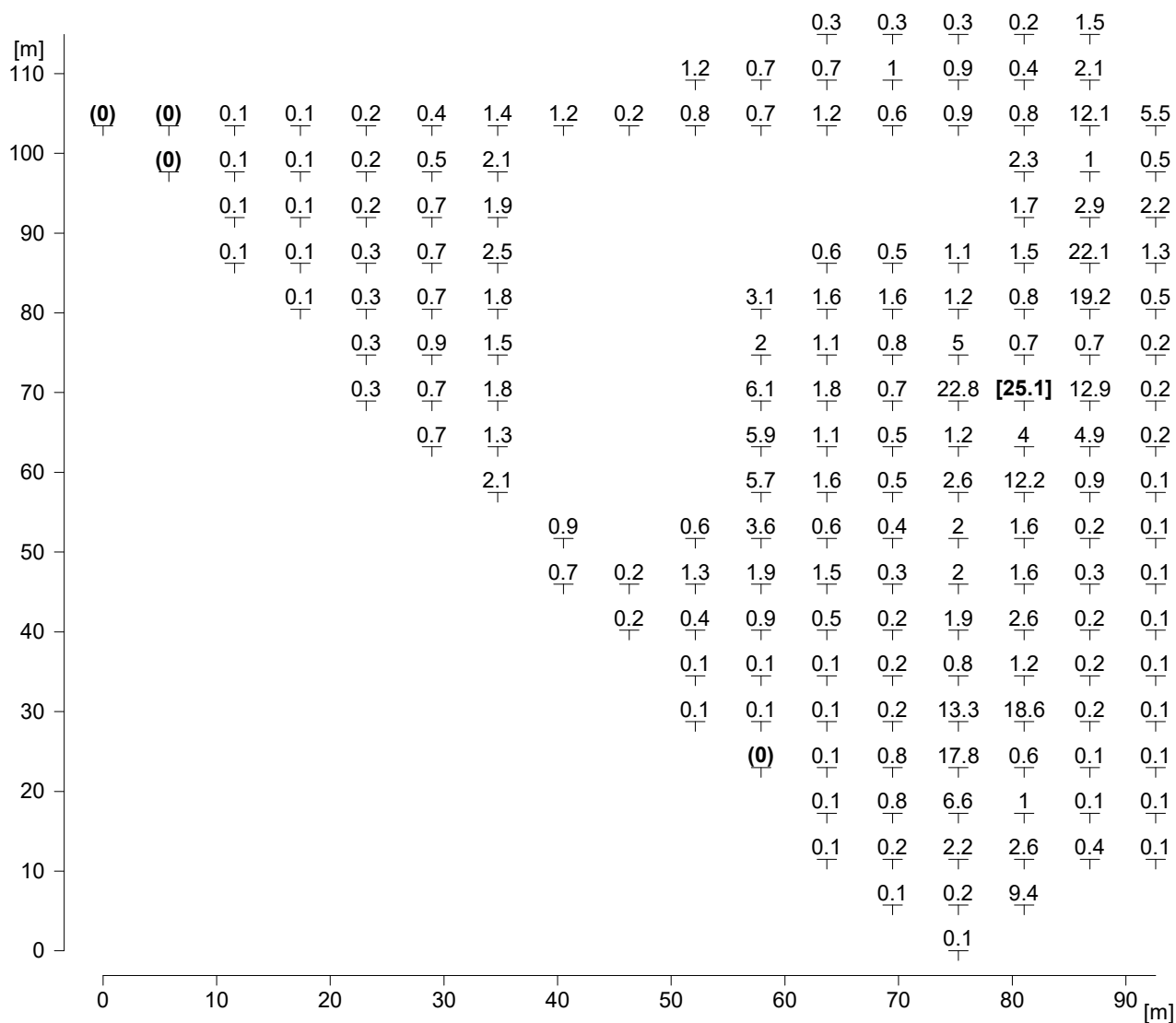
1.1.2 Result overview, LIGHT SPILL BEYOND SITE

3		Kingfisher Lighting Ltd (Luceco Group)	
		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

1 TROWBRIDGE

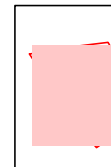
1.2 Calculation results, TROWBRIDGE

1.2.1 Table, LIGHT SPILL TO BORDER OF SITE (E)



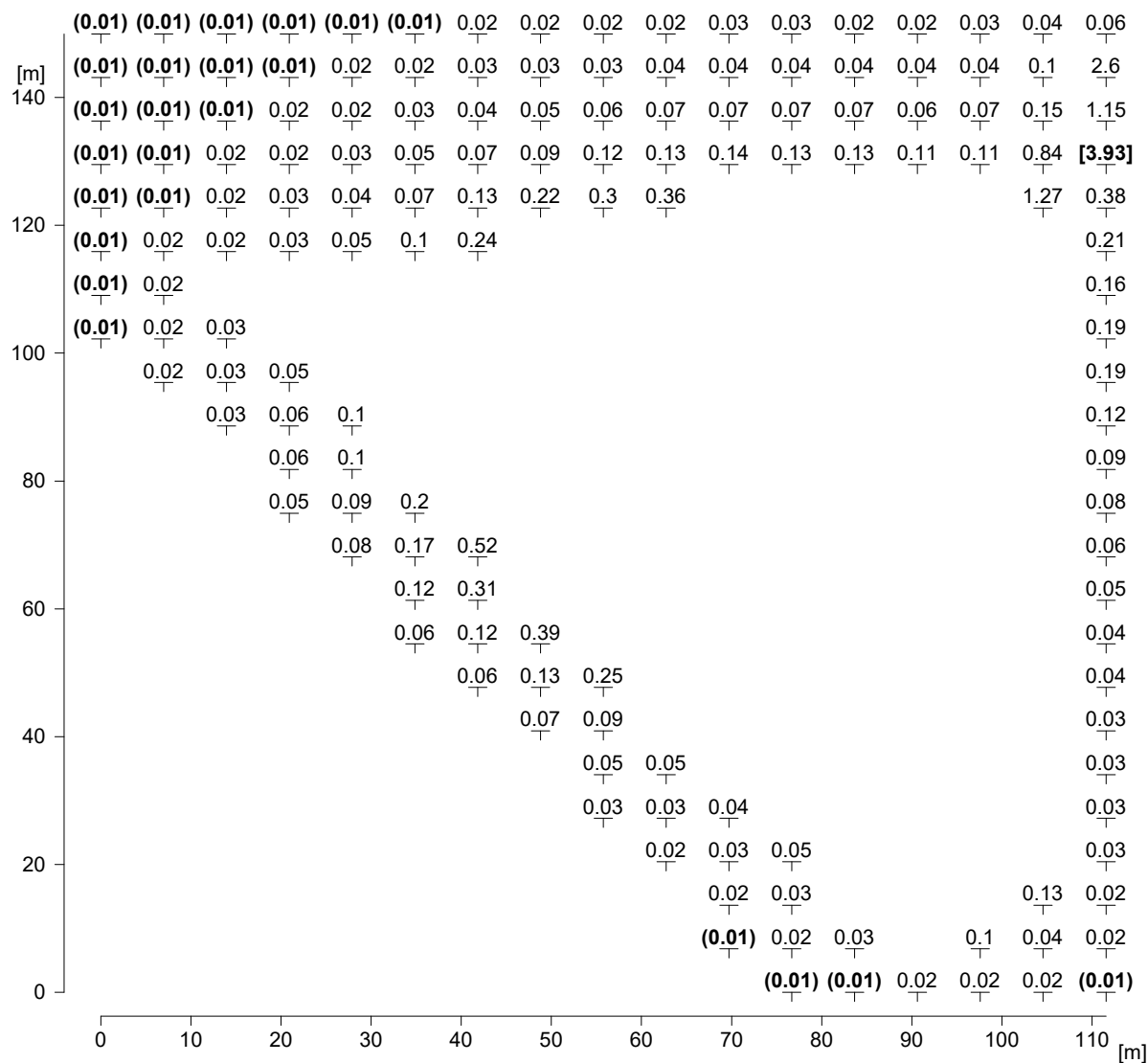
Height of the reference plane

Average illuminance : 0.02 m
Minimum illuminance : 2 lx
Maximum illuminance : Emin
Uniformity Uo : 0 lx
Diversity Ud : Emax : 25.1 lx
Emin/Emax : 1 : 83.79 (0.01)
Emin/Emax : 1 : 1030.12 (0.00)



1.2 Calculation results, TROWBRIDGE

1.2.2 Table, LIGHT SPILL BEYOND SITE (E)

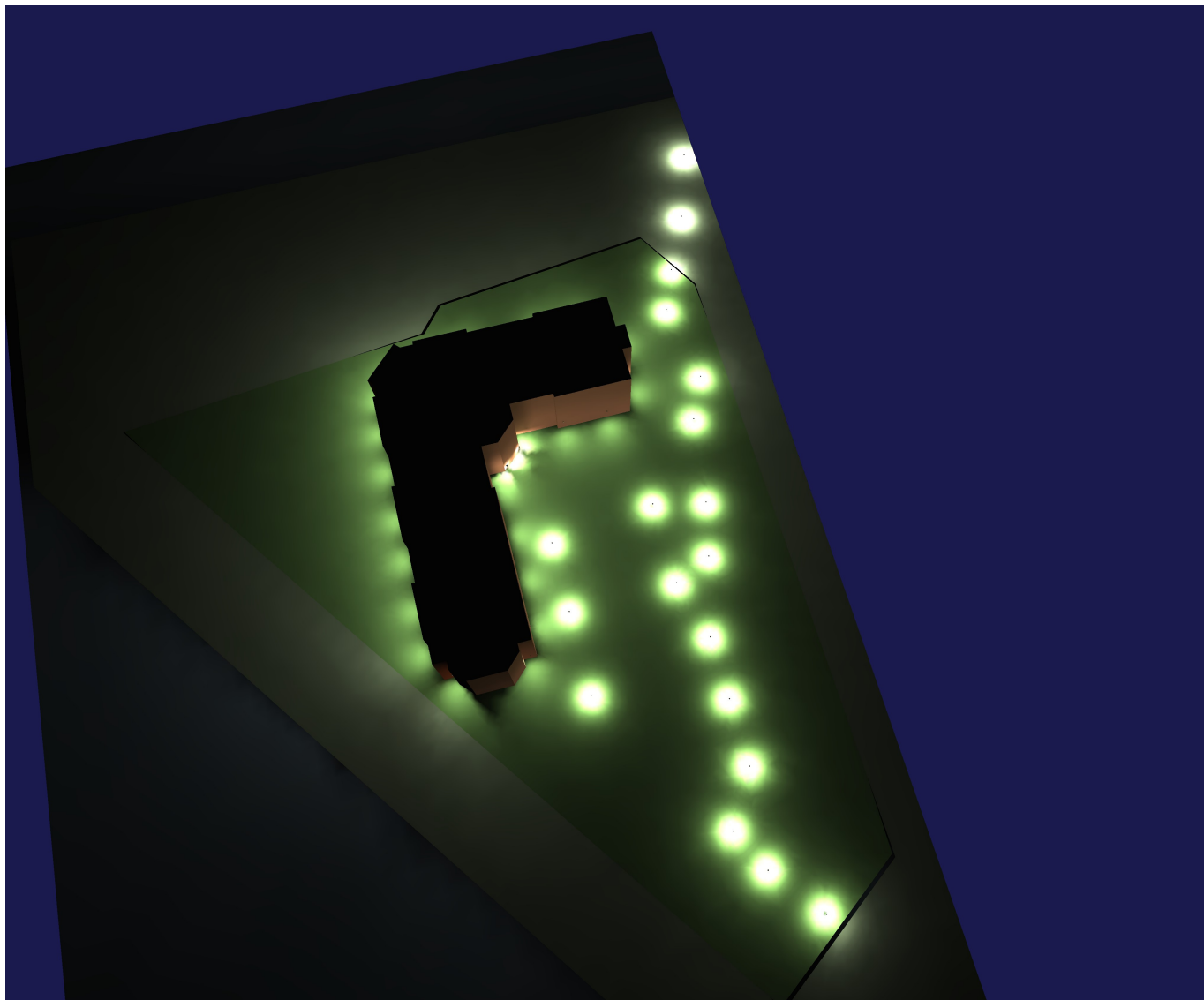


Height of the reference plane

		: 0.02 m
Average illuminance	Eav	: 0.13 lx
Minimum illuminance	Emin	: 0.01 lx
Maximum illuminance	Emax	: 3.93 lx
Uniformity Uo	Emin/Eav	: 1 : 24.71 (0.04)
Diversity Ud	Emin/Emax	: 1 : 748.68 (0.00)

1.2 Calculation results, TROWBRIDGE

1.2.3 3D luminance, View 1



Luminance in the scene

Minimum: : 0 cd/m²
Maximum: : 2.54 cd/m²