

Installation : Wakehurst LCRN

Project number : 0104349

Customer : Kew

Processed by : Anna Mielcarek/ Jacky Wong

Date : 28.05.2025

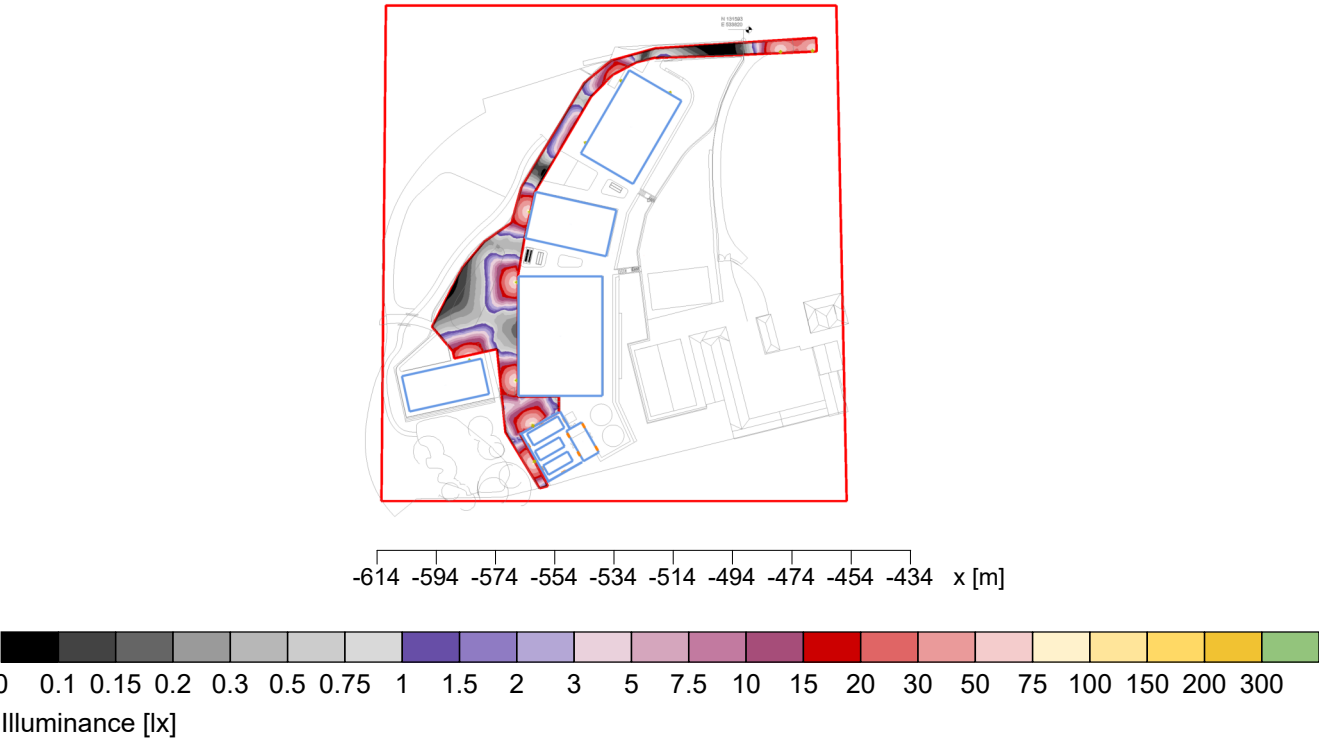
The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

1 Exterior 1

1.1 Summary, Exterior 1

1.1.1 Result overview, Measuring area 1



General	
Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	93820 lm
Total power	718 W
Total power per area (25801.50 m²)	0.03 W/m²

Illuminance	
Average illuminance	$\bar{E}_m$ 9.8 lx
Minimum illuminance	E_{min} 0.1 lx
Maximum illuminance	E_{max} 80.7 lx
Uniformity U_o	$E_{min}/\bar{E}_m$ 1:168 (0.01)
Diversity U_d	E_{min}/E_{max} 1:1380 (0)

Type No. Make

		Thorlux Lighting	
1	11 x	Order No.	: ESM031A24
		Luminaire name	: Starbeam Plus
		Equipment	: 1 x 31 W / 4520 lm
3	9 x	Order No.	: ETP19773
		Luminaire name	: Thoroproof
		Equipment	: 1 x 30 W / 4900 lm