

Outdoor LED Lighting

Installation : 87 Great Western Street

Project number : ICBC24.0040

Customer :

Processed by : Bogdan C.

Date : 28.02.2024

Whilst all efforts are made to ensure that these renders give an accurate indication of lighting levels expected once installed, icLighting Ltd does not in any way guarantee lighting levels based on these Relux renders.
Lux levels expressed in this document (and any supporting documentation based on them) are indicative only and form no formal contract.

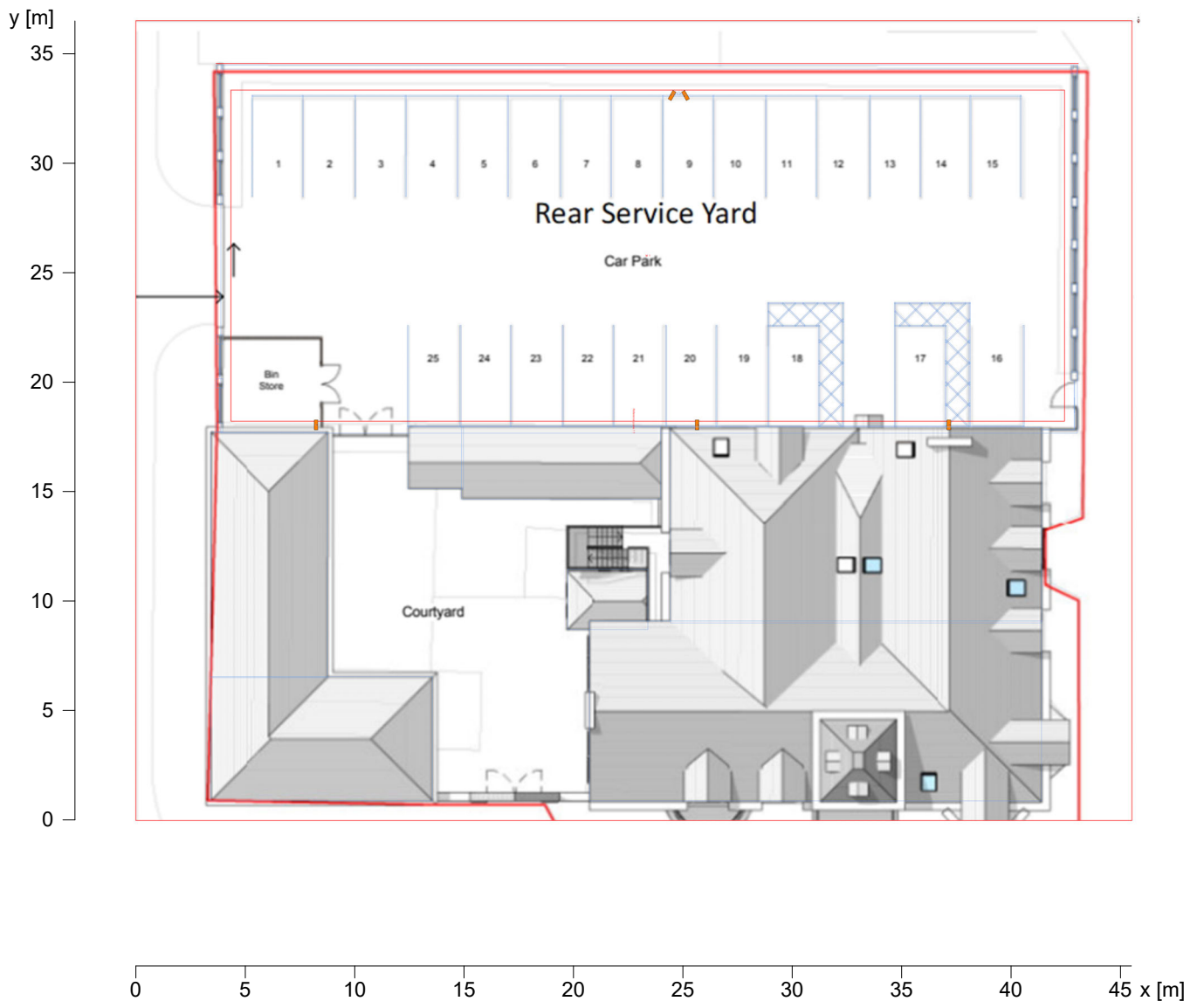
The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

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 Description, Exterior 1

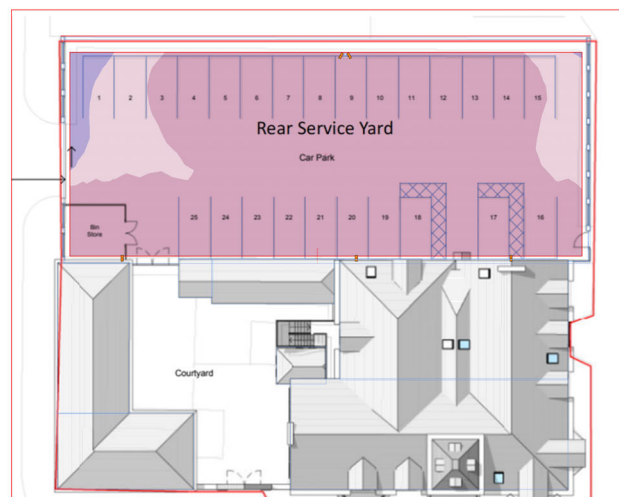
1.1.1 Floor plan



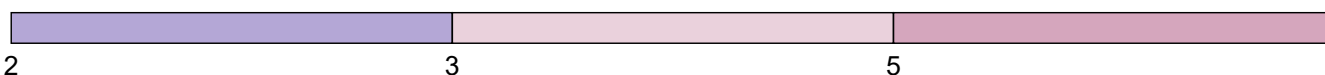
1 Exterior 1

1.2 Summary, Exterior 1

1.2.1 Result overview, Measuring area 1



0 5 10 15 20 25 30 35 40 45 x [m]



Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.18 m
Maintenance factor	0.90

Total luminous flux	27500 lm
Total power	250 W
Total power per area (1660.75 m²)	0.15 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	30 lx
Minimum illuminance	E_{min}	2 lx
Maximum illuminance	E_{max}	203 lx
Uniformity U_0	$E_{min}/\bar{E}_m$	1:12.6 (0.08)
Diversity U_d	E_{min}/E_{max}	1:85.9 (0.01)

Type No. Make

3 5 x Order No.

: !DA-ELST-50W-4000K



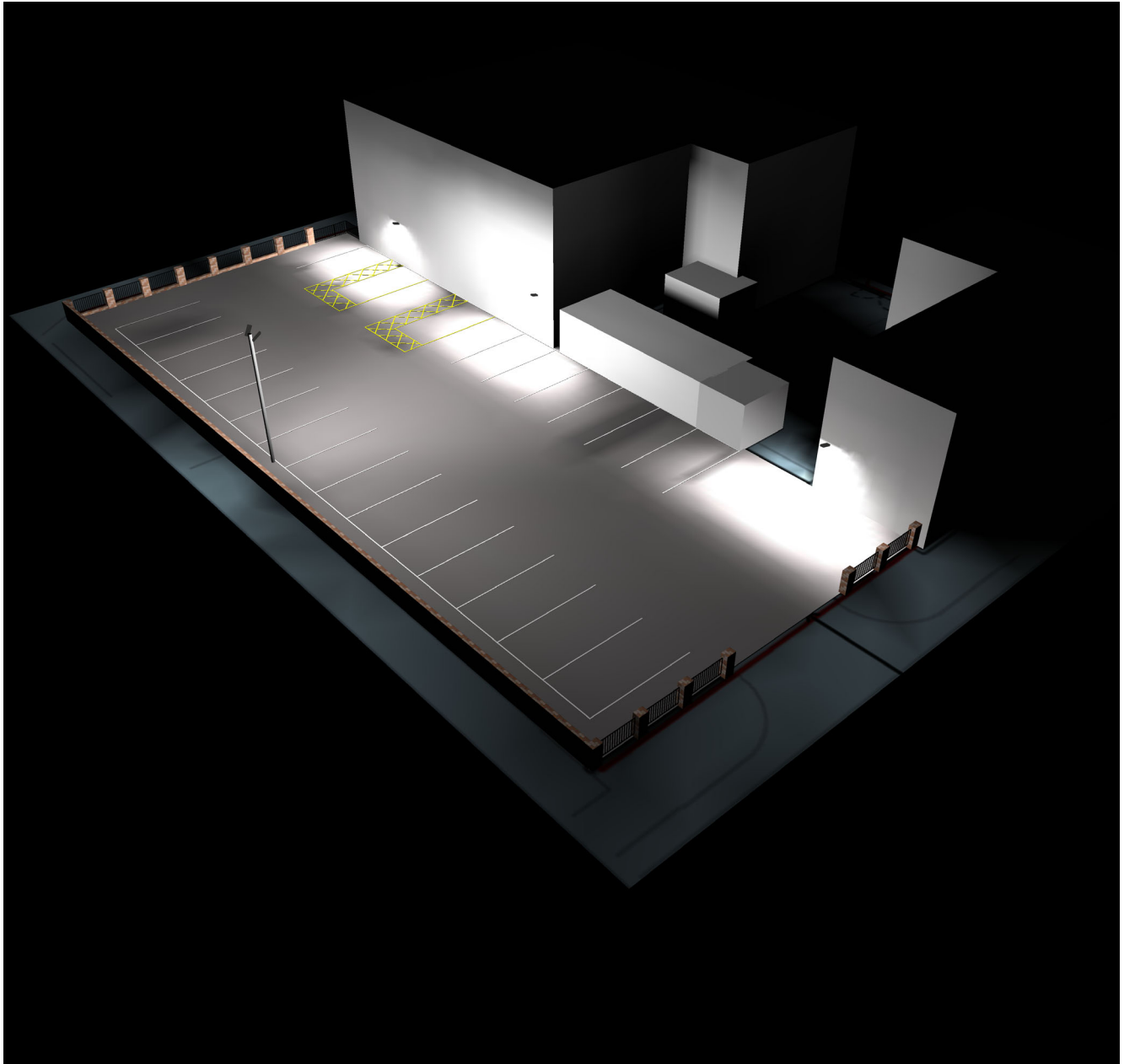
Luminaire name : DA-ELST-50W-4000K

Equipment : 1 x LED 50 W / 5500 lm

1 Exterior 1

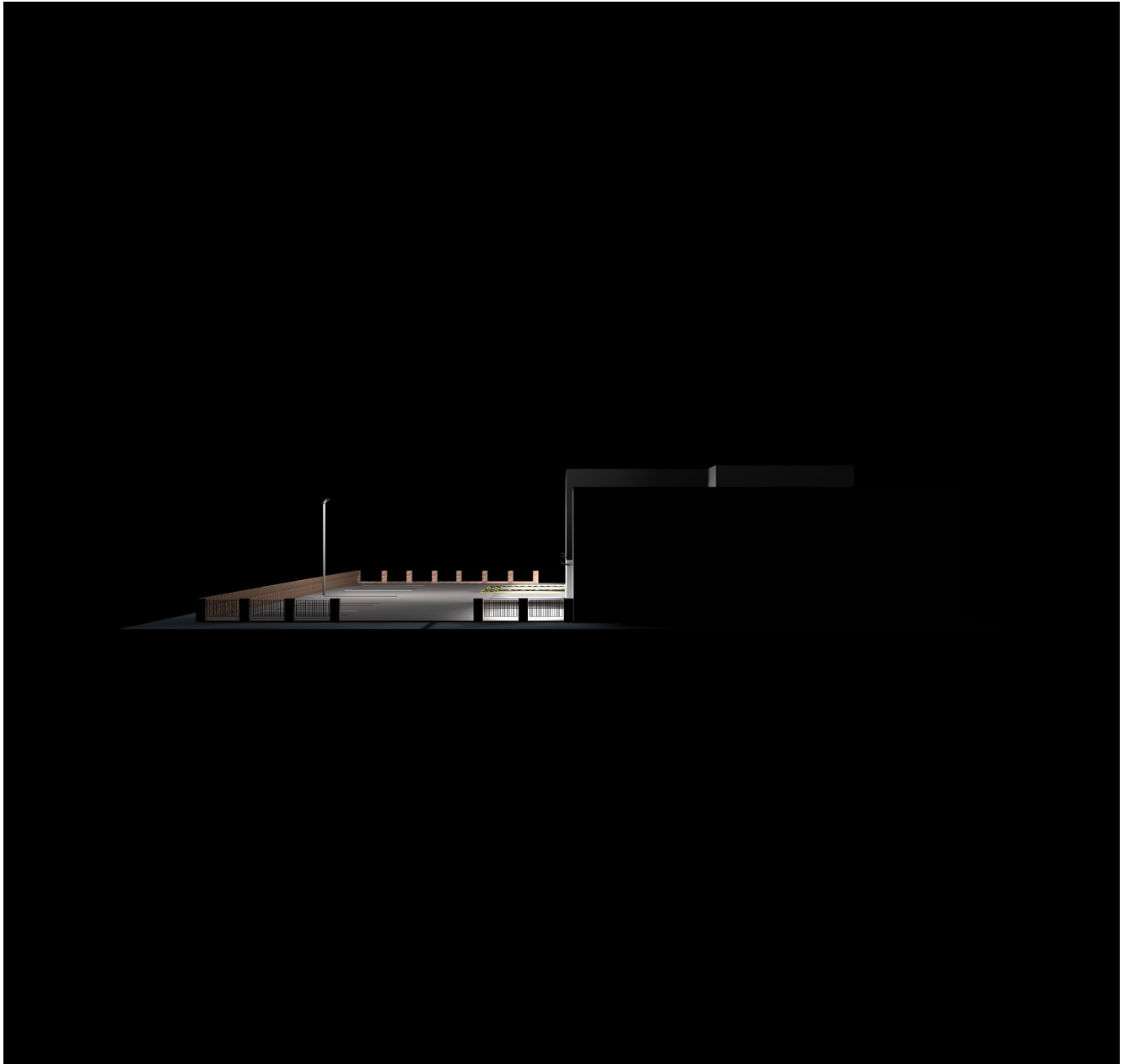
1.3 Calculation results, Exterior 1

1.3.1 3D luminance, View 1



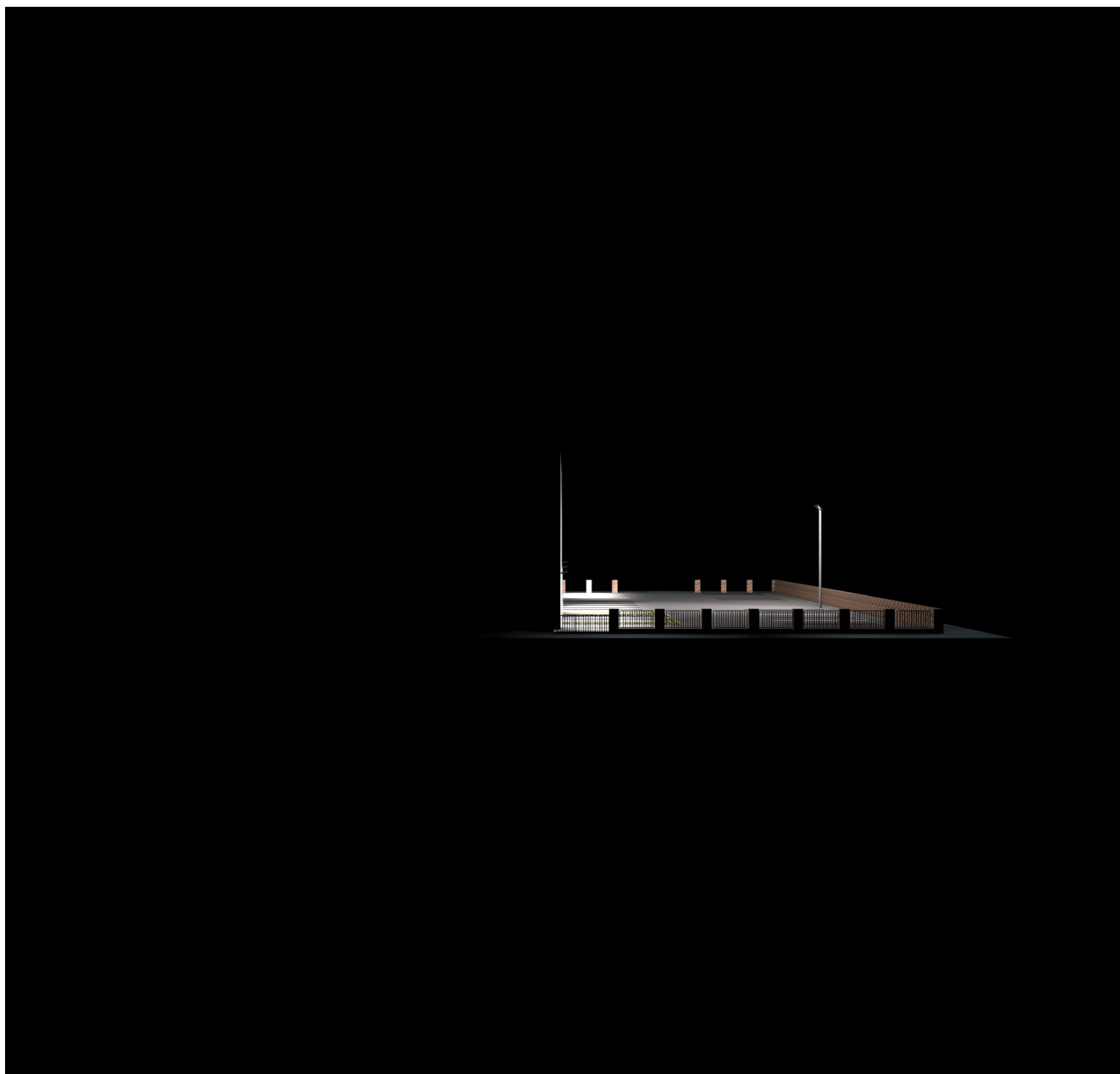
1.3 Calculation results, Exterior 1

1.3.2 3D luminance, View from the left



1.3 Calculation results, Exterior 1

1.3.3 3D luminance, View from the right



1.3 Calculation results, Exterior 1

1.3.4 3D pseudo colours, View 1 (E)

