

Lighting survey report

Produced with  **Luxwork** · luxwork.app

Example Works · Ground

Unit 4 — warehouse floor

Warehouse floor · judged against Client requirement — Unit 4 warehouse floor (manual)

▼ **BELOW REQUIREMENT**

Uniformity Uo (Emin/Emean) — Uo 0.29 against Uo 0.40

1 of 2 requirements considered

✓ **MEETS REQUIREMENT**

Maintained average illuminance — 222.6 lx against 200.0 lx

1 of 2 requirements considered

222.6 lx **MEETS**

MAINTAINED AVERAGE ILLUMINANCE

required ≥ 200.0 lx

0.29 **BELOW**

UNIFORMITY UO (EMIN/EMEAN)

required ≥ Uo 0.40

36

READINGS

calibration in date

64.9–273.5 lx

SPREAD

minimum – maximum, every reading

Report reference	specimen-0001
Area surveyed	Unit 4 — warehouse floor
Level	Ground
Site	Example Works
Address	—
Area type judged against	Warehouse floor
Measurement plane	Horizontal, at floor level.
Drawing	EX-2400-GA-014 rev B
Survey carried out	14 May 2026, 10:12 BST
First / last reading	14 May 2026, 10:12 BST — 14 May 2026, 10:39 BST
Report produced	14 May 2026, 17:41 BST
Record synced	—
Survey id	specimen-0001

01 BASIS OF ASSESSMENT

Rule set	Client requirement — Unit 4 warehouse floor (manual)
Edition	not applicable
Maintenance factor	Not recorded

No maintenance factor is recorded for this installation. The illuminance requirement for this area is a maintained value: the level the installation is to be kept at through its cleaning and relamping cycle. The readings in this report are compared against that value as measured.

The requirement values in this report were entered by the surveyor rather than taken from a rule set held by UberVisor. The source shown is the one they stated.

Sources

client brief · rev B

Obtained from: entered by the surveyor, who attributed it to this document

02 ASSESSMENT

2 requirements considered — 1 meeting the requirement · 1 below requirement.

Warehouse floor

36 readings — average 222.6 lx, minimum 64.9 lx, maximum 273.5 lx, Uo 0.29.

✓ Meets requirement

Maintained average illuminance

222.6 lx measured · 200.0 lx required

REQUIRED	Maintained average illuminance at least 200.0 lx.
MEASURED	Average measured 222.6 lx over 36 points.
COMPARISON	222.6 lx measured against at least 200.0 lx.
WHY THIS REQUIREMENT EXISTS	A minimum light level exists so the task can be carried out accurately and safely, and so hazards are visible before someone reaches them. Light output falls over the life of an installation, which is why the requirement is a maintained level rather than a level on the day of commissioning.

client brief · rev B

Obtained from: entered by the surveyor, who attributed it to this document

▼ Below requirement

Uniformity Uo (Emin/Emean)

Uo 0.29 measured · Uo 0.40 required

REQUIRED	Uniformity Uo (Emin/Emean) of at least 0.4.
MEASURED	Uo 0.29 across 36 points (minimum 64.9 lx, average 222.6 lx, maximum 273.5 lx).
COMPARISON	Uo 0.29 measured against Uniformity Uo (Emin/Emean) of at least 0.4. The lowest reading is further below the average than the requirement allows.
WHY THIS REQUIREMENT EXISTS	Uniformity matters because the eye adapts to the brightest part of a scene. A space that averages well but has dark patches still leaves those patches effectively unlit, and repeated re-adaptation between bright and dark zones causes fatigue and missed hazards.

client brief · rev B

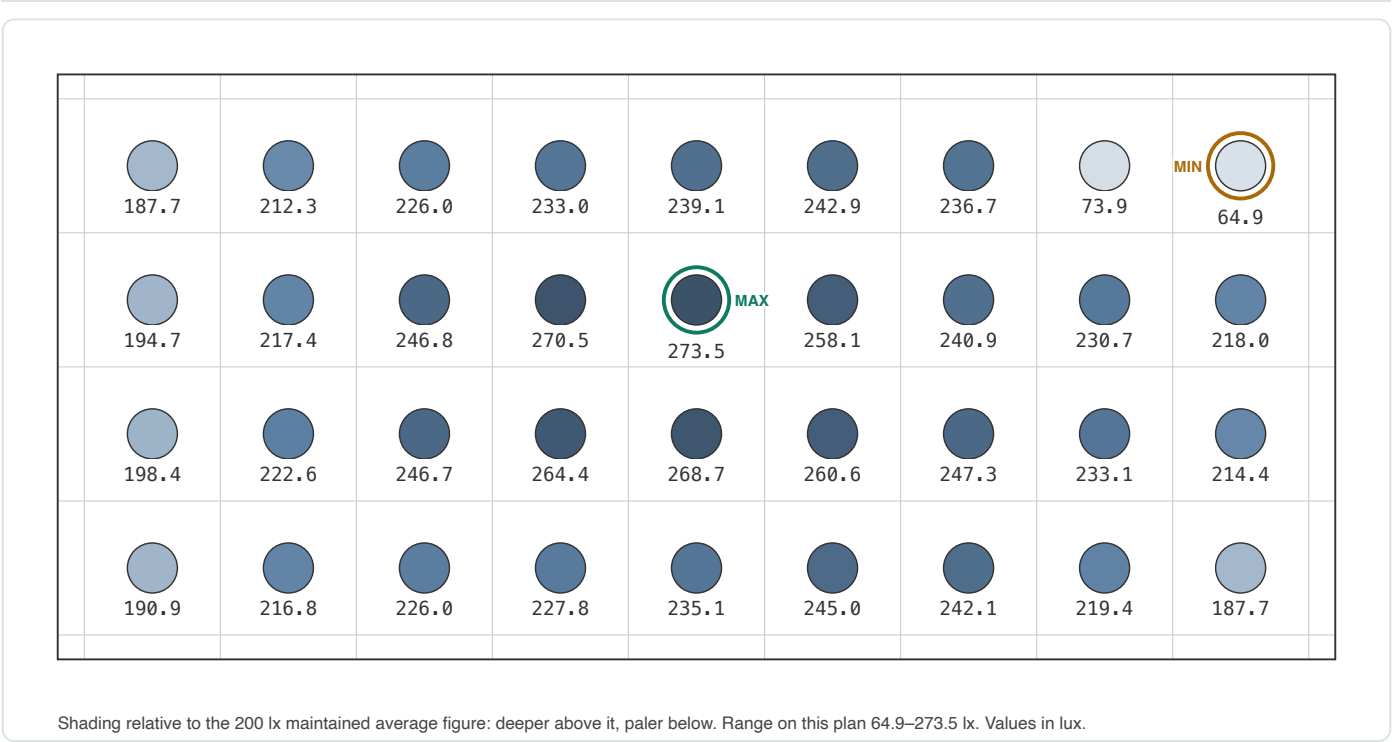
Obtained from: entered by the surveyor, who attributed it to this document

03 MEASUREMENT RECORD SUMMARY

NO.	LOCATION	NORMAL MAX LX	NORMAL MIN LX	NOTES
1	Example Works · Ground · Unit 4 — warehouse floor	273.5	64.9	Warehouse floor

Max and min are taken across every instrument reading in this area. The maintained average and the uniformity, which this summary has no column for, are in the assessment above; every individual reading is in the readings table. Instrument reference and serial are listed under Measuring instruments.

04 PLAN OF MEASURED POINTS



All 36 readings plotted. Outline 24 × 12 m, with no record of where the dimensions came from. Not a scaled drawing; positions are relative within it. Grid 9 × 4, 2.56 × 2.75 m cells with a 0.5 m wall band, sized by room index from an estimated mounting height of 2.4 m. 36 points.

05 COVERAGE

This survey does not carry a record of planned measurement points, so the proportion of the area covered cannot be stated. The readings below are what was taken, and they are not evidence that the whole area was measured.

06 CONDITIONS BEFORE MEASUREMENT

No pre-measurement conditions are recorded for this survey, so the report does not say whether they were met.

07 READINGS

36 readings from an instrument whose calibration was in date, in lux to 1 decimal place. Spread across these readings: 64.9–273.5 lx.

SPECIMEN: INVENTED DATA, NOT A REAL SURVEY

POINT	REGIME	ILLUMINANCE (LX)	HEIGHT (M)	SENSOR	TAKEN	INSTRUMENT
r1	Normal	187.7	0.00	Tilt 0.4° (measured by the instrument)	14 May 2026, 10:12 BST	SPECIMEN-0000
r2	Normal	212.3	0.00	Tilt 0.8° (measured by the instrument)	14 May 2026, 10:12 BST	SPECIMEN-0000
r3	Normal	226.0	0.00	Tilt 1.2° (measured by the instrument)	14 May 2026, 10:13 BST	SPECIMEN-0000
r4	Normal	233.0	0.00	Tilt 0.5° (measured by the instrument)	14 May 2026, 10:14 BST	SPECIMEN-0000
r5	Normal	239.1	0.00	Tilt 0.9° (measured by the instrument)	14 May 2026, 10:15 BST	SPECIMEN-0000
r6	Normal	242.9	0.00	Tilt 1.3° (measured by the instrument)	14 May 2026, 10:15 BST	SPECIMEN-0000
r7	Normal	236.7	0.00	Tilt 0.6° (measured by the instrument)	14 May 2026, 10:16 BST	SPECIMEN-0000
r8	Normal	73.9	0.00	Tilt 1.0° (measured by the instrument)	14 May 2026, 10:17 BST	SPECIMEN-0000
r9	Normal	64.9	0.00	Tilt 1.4° (measured by the instrument)	14 May 2026, 10:18 BST	SPECIMEN-0000
r10	Normal	194.7	0.00	Tilt 0.7° (measured by the instrument)	14 May 2026, 10:19 BST	SPECIMEN-0000
r11	Normal	217.4	0.00	Tilt 1.1° (measured by the instrument)	14 May 2026, 10:19 BST	SPECIMEN-0000
r12	Normal	246.8	0.00	Tilt 0.4° (measured by the instrument)	14 May 2026, 10:20 BST	SPECIMEN-0000
r13	Normal	270.5	0.00	Tilt 0.8° (measured by the instrument)	14 May 2026, 10:21 BST	SPECIMEN-0000
r14	Normal	273.5	0.00	Tilt 1.2° (measured by the instrument)	14 May 2026, 10:22 BST	SPECIMEN-0000
r15	Normal	258.1	0.00	Tilt 0.5° (measured by the instrument)	14 May 2026, 10:22 BST	SPECIMEN-0000
r16	Normal	240.9	0.00	Tilt 0.9° (measured by the instrument)	14 May 2026, 10:23 BST	SPECIMEN-0000
r17	Normal	230.7	0.00	Tilt 1.3° (measured by the instrument)	14 May 2026, 10:24 BST	SPECIMEN-0000
r18	Normal	218.0	0.00	Tilt 0.6° (measured by the instrument)	14 May 2026, 10:25 BST	SPECIMEN-0000
r19	Normal	198.4	0.00	Tilt 1.0° (measured by the instrument)	14 May 2026, 10:26 BST	SPECIMEN-0000
r20	Normal	222.6	0.00	Tilt 1.4° (measured by the instrument)	14 May 2026, 10:26 BST	SPECIMEN-0000

SPECIMEN: INVENTED DATA, NOT A REAL SURVEY

POINT	REGIME	ILLUMINANCE (LX)	HEIGHT (M)	SENSOR	TAKEN	INSTRUMENT
r21	Normal	246.7	0.00	Tilt 0.7° (measured by the instrument)	14 May 2026, 10:27 BST	SPECIMEN-0000
r22	Normal	264.4	0.00	Tilt 1.1° (measured by the instrument)	14 May 2026, 10:28 BST	SPECIMEN-0000
r23	Normal	268.7	0.00	Tilt 0.4° (measured by the instrument)	14 May 2026, 10:29 BST	SPECIMEN-0000
r24	Normal	260.6	0.00	Tilt 0.8° (measured by the instrument)	14 May 2026, 10:30 BST	SPECIMEN-0000
r25	Normal	247.3	0.00	Tilt 1.2° (measured by the instrument)	14 May 2026, 10:30 BST	SPECIMEN-0000
r26	Normal	233.1	0.00	Tilt 0.5° (measured by the instrument)	14 May 2026, 10:31 BST	SPECIMEN-0000
r27	Normal	214.4	0.00	Tilt 0.9° (measured by the instrument)	14 May 2026, 10:32 BST	SPECIMEN-0000
r28	Normal	190.9	0.00	Tilt 1.3° (measured by the instrument)	14 May 2026, 10:33 BST	SPECIMEN-0000
r29	Normal	216.8	0.00	Tilt 0.6° (measured by the instrument)	14 May 2026, 10:33 BST	SPECIMEN-0000
r30	Normal	226.0	0.00	Tilt 1.0° (measured by the instrument)	14 May 2026, 10:34 BST	SPECIMEN-0000
r31	Normal	227.8	0.00	Tilt 1.4° (measured by the instrument)	14 May 2026, 10:35 BST	SPECIMEN-0000
r32	Normal	235.1	0.00	Tilt 0.7° (measured by the instrument)	14 May 2026, 10:36 BST	SPECIMEN-0000
r33	Normal	245.0	0.00	Tilt 1.1° (measured by the instrument)	14 May 2026, 10:37 BST	SPECIMEN-0000
r34	Normal	242.1	0.00	Tilt 0.4° (measured by the instrument)	14 May 2026, 10:37 BST	SPECIMEN-0000
r35	Normal	219.4	0.00	Tilt 0.8° (measured by the instrument)	14 May 2026, 10:38 BST	SPECIMEN-0000
r36	Normal	187.7	0.00	Tilt 1.2° (measured by the instrument)	14 May 2026, 10:39 BST	SPECIMEN-0000

The Sensor column says how the sensor's orientation was recorded for each reading. The sensor's tilt was measured by the instrument at each reading and is shown in the Sensor column. Every reading was taken at floor level, which the Height column shows as 0. For this area the requirement states: Horizontal, at floor level.

08 INSTRUMENT AND CALIBRATION

INSTRUMENT	SERIAL	CERTIFICATE	CALIBRATED	DUE	STATUS	CALIBRATION TYPE	READINGS
Chauvin Arnoux C.A 1110	SPECIMEN-0000	SPECIMEN-CAL-0000	11 Feb 2026	11 Feb 2027	In date	Accreditation not recorded	36

CALIBRATION CERTIFICATE COPY

No copy of certificate SPECIMEN-CAL-0000 was attached in the app. **No calibration certificate was attached to this report.** The calibration statement above has not been checked against a copy of the certificate in this report.

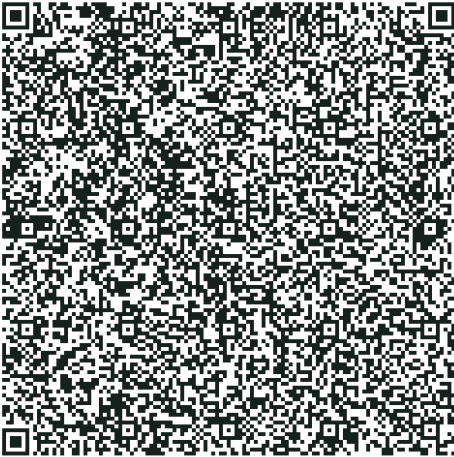
09 SURVEYOR KNOWLEDGE STATUS

Self-declared

The surveyor self-declares familiarity with lighting survey practice. This has not been independently verified; no knowledge assessment is on record.

10 SIGNATURE

Algorithm	ES256
Purpose	survey-report
Signed	14 May 2026, 17:40 BST
Fingerprint	NYiu NRjx zQj3



Signature and public key.