



New Solar

Version 1

20.05.2026

amna

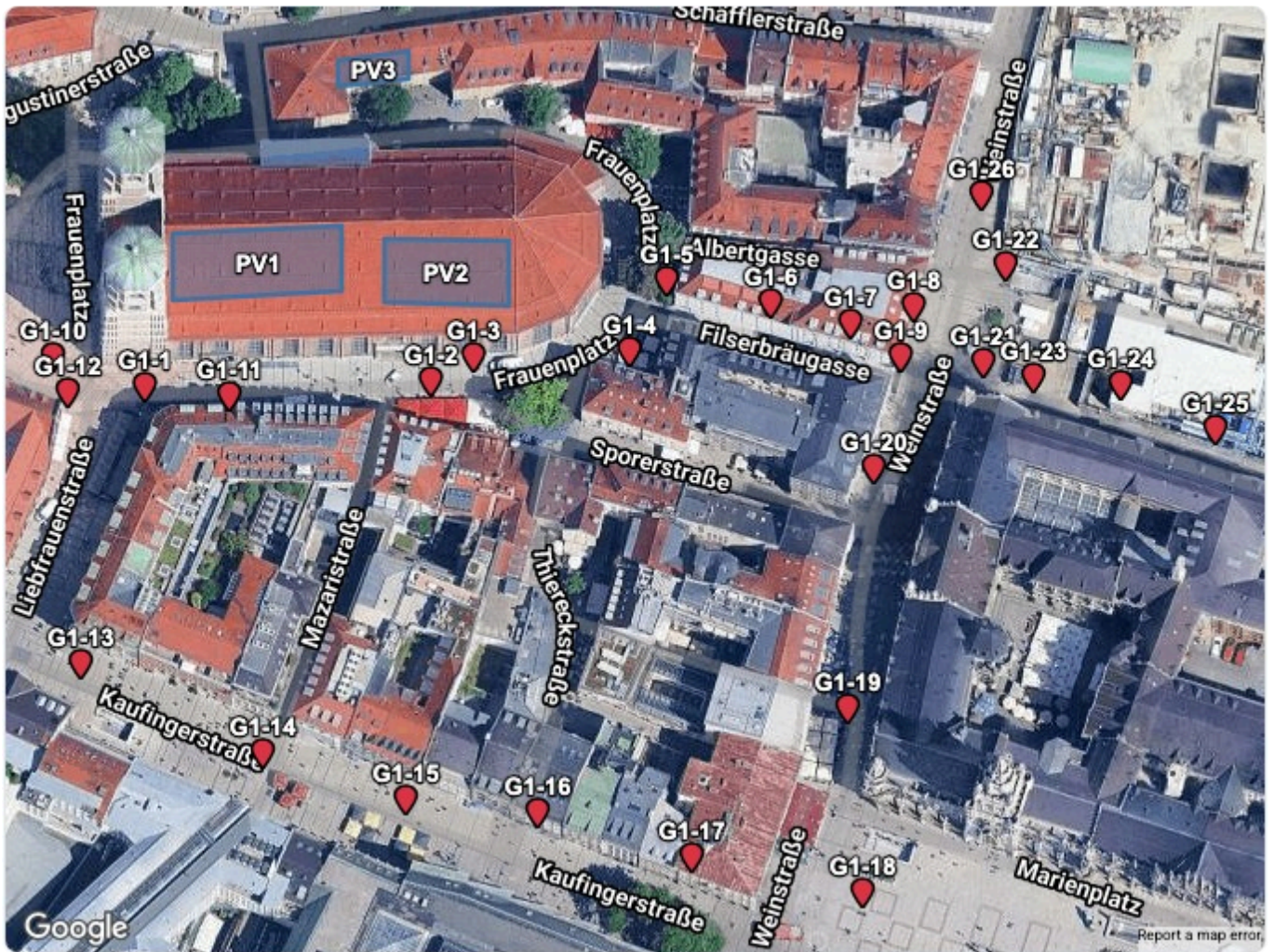
PVGC-6AA4QZ/S18/V1

Simuliert mit PV-GlareCheck.com v0.1.0 (Beta)

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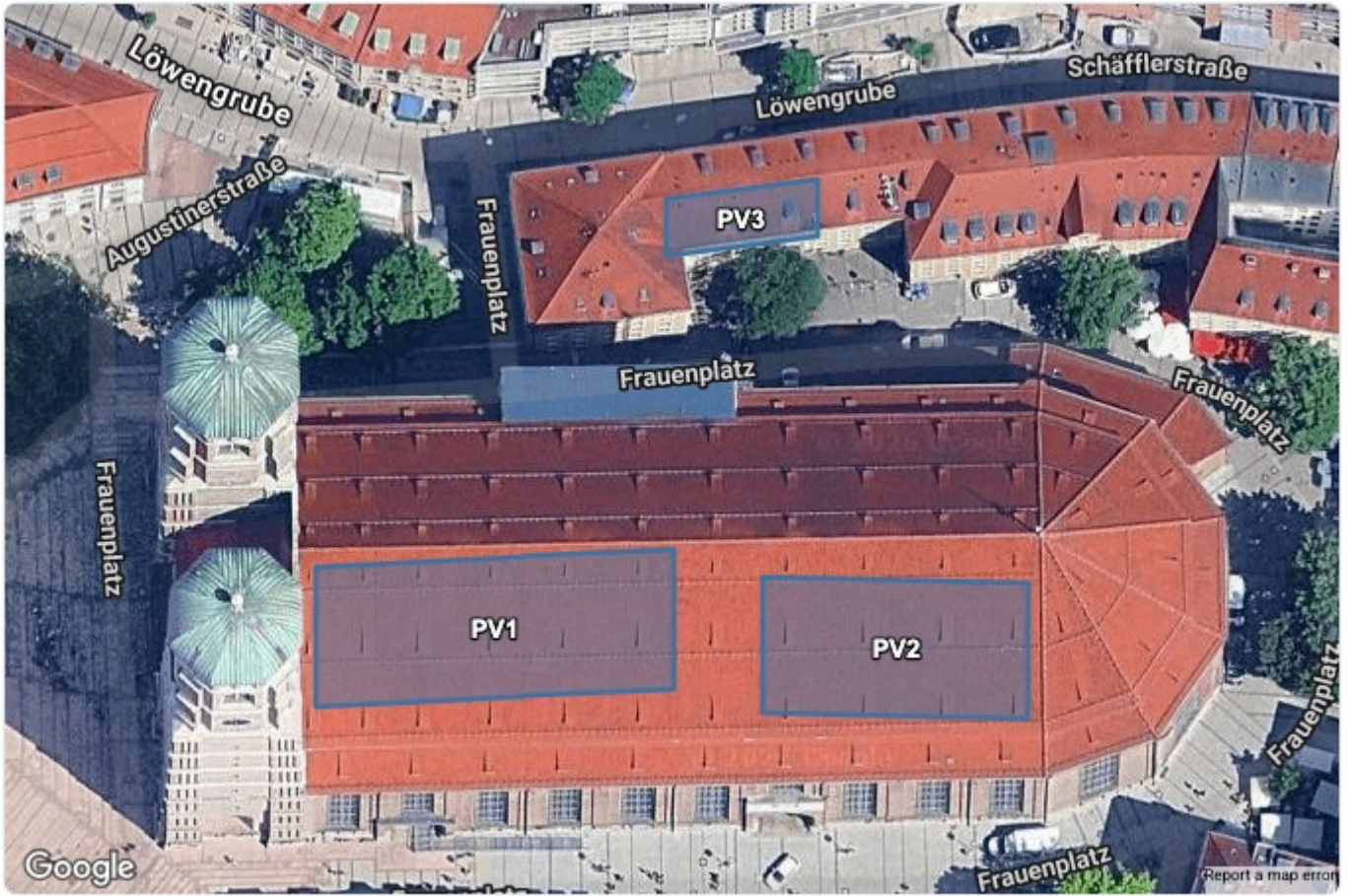
Project Overview



■ PV areas ● Observation points

Projekt	New Solar
PV Areas	3 (3× Roof Parallel)
Observation Points	26

☐ PV Areas

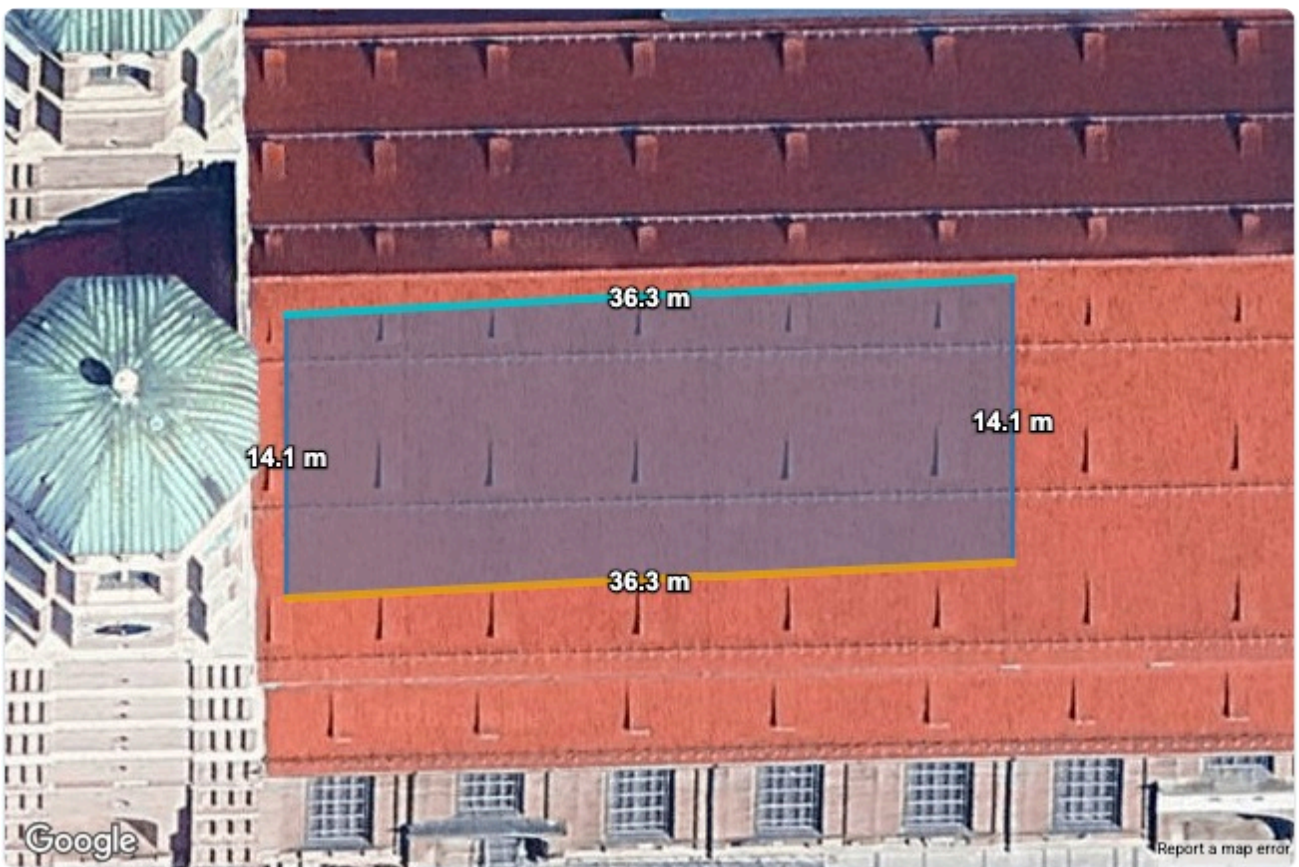


■ PV areas

2.1 PV1

PV1

Type	Roof Parallel
Corners	4
Center Point	48.138589, 11.573371
Azimuth	177.2°
Tilt	24°
Module Type	Standard Modul
GL	518.1 m
Height Bottom Edge	4.72 m
Height Top Edge	11 m

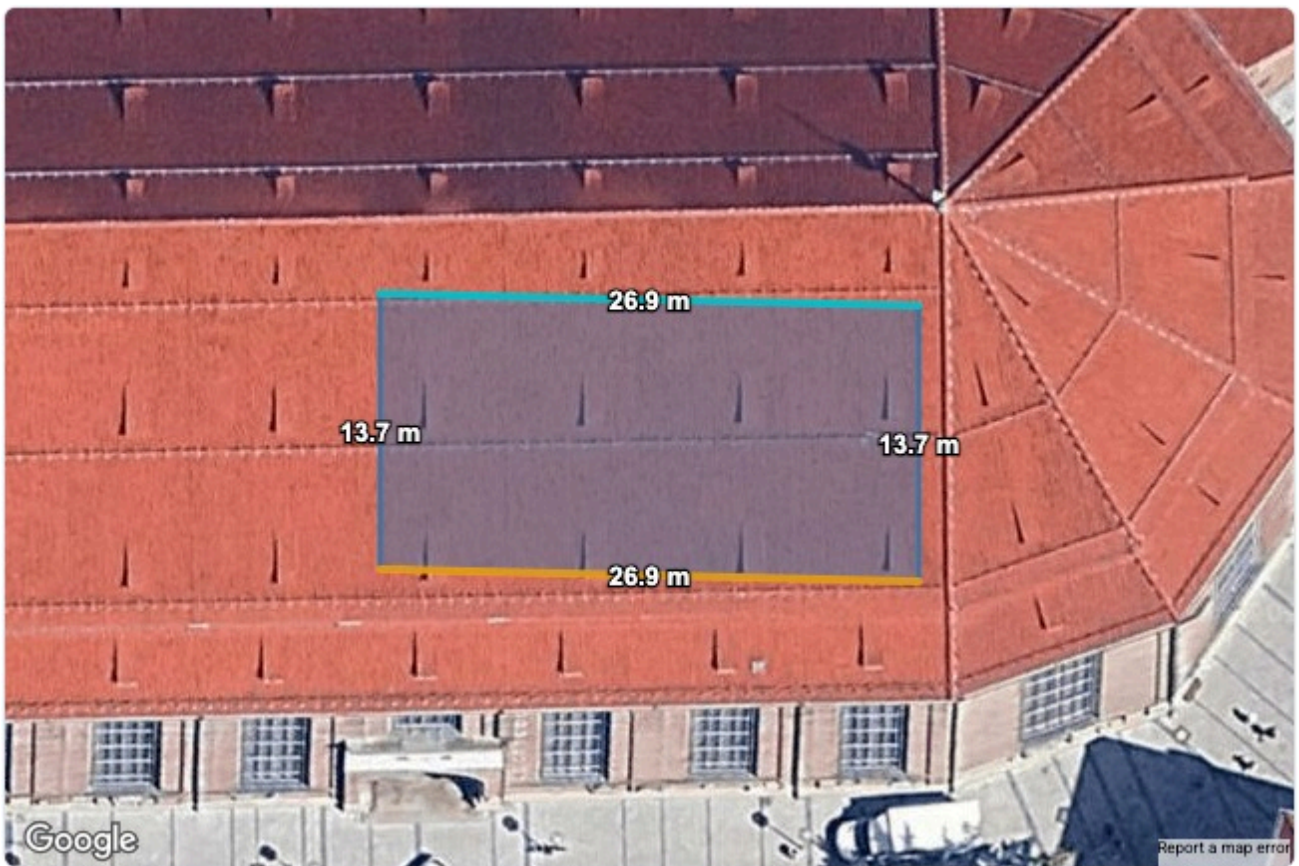


■ PV1 — Top Edge (P1-P2) — Bottom Edge (P3-P4)

2.2 PV2

PV2

Type	Roof Parallel
Corners	4
Center Point	48.138571, 11.573916
Azimuth	181.3°
Tilt	22°
Module Type	Standard Modul
GL	518.2 m
Height Bottom Edge	15.46 m
Height Top Edge	21 m



■ PV2 ■ Top Edge (P1-P2) ■ Bottom Edge (P3-P4)

2.3 PV3

■ PV3

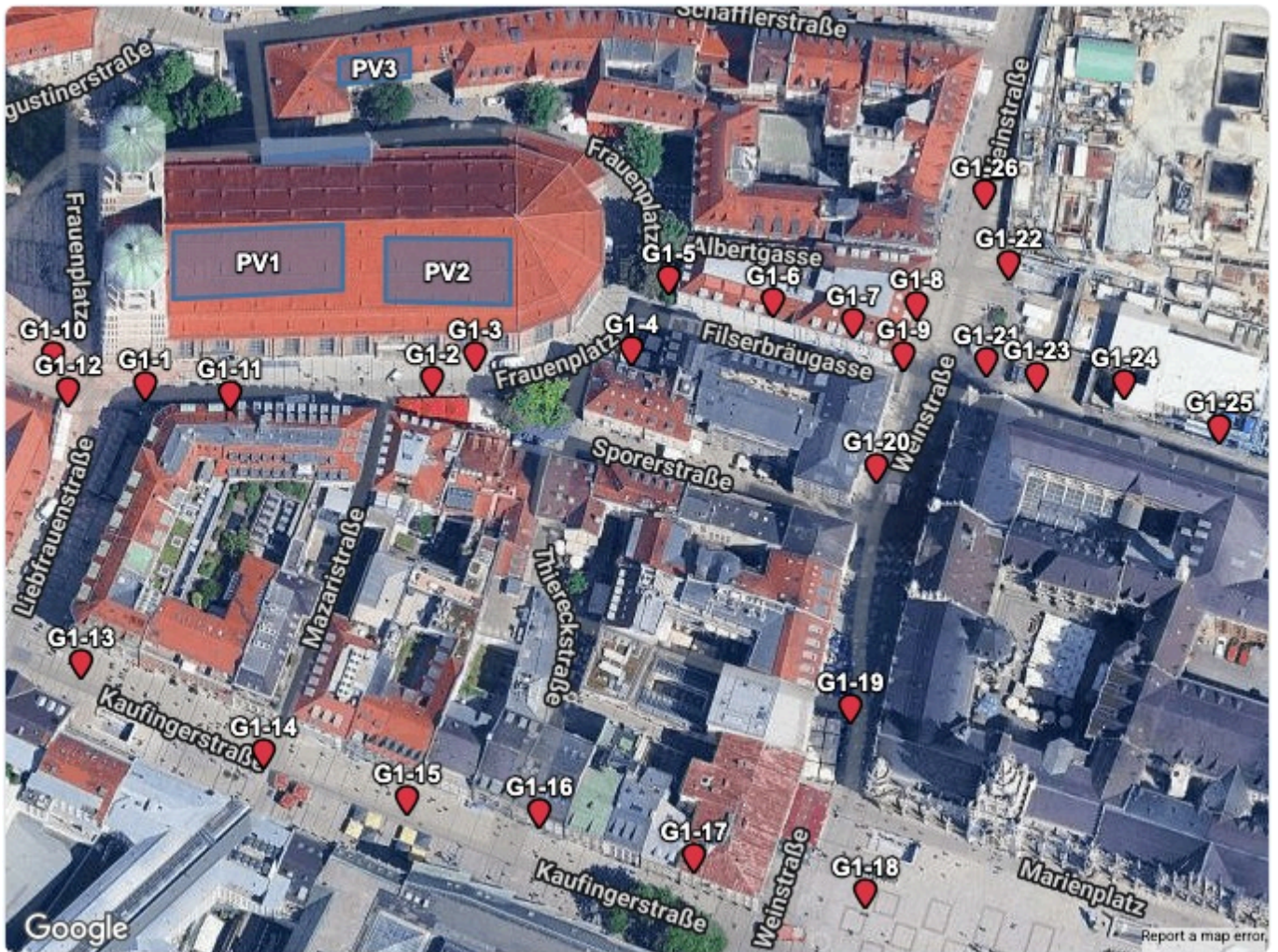
Type	Roof Parallel
Corners	4
Center Point	48.138962, 11.573706
Azimuth	172.9°
Tilt	33°
Module Type	Standard Modul
GL	518.0 m
Height Bottom Edge	17.3 m
Height Top Edge	21 m



■ PV3 ■ Top Edge (P1-P2) ■ Bottom Edge (P3-P4)

3 Observation Points
3.1 G1
3.1.1 Overview

■ G1 26 Observation Points



■ PV areas 📌 Observation points

3.1.2 Observation points table

■ G1 26 Observation Points

#	POSITION		HEIGHT (M)			FIELD OF VIEW		
	Latitude	Longitude	Terrain	Observer	Total	Direction	Horiz.	Vert.
G1-1	48.138322	11.573048	518.1	0.1	518.2	<i>360° Field of View</i>		
G1-2	48.138331	11.573871	518.2	1.1	519.3	<i>360° Field of View</i>		
G1-3	48.138377	11.573994	518.2	2.8	521.0	<i>360° Field of View</i>		
G1-4	48.138390	11.574448	518.3	2.1	520.4	<i>360° Field of View</i>		
G1-5	48.138526	11.574555	518.3	2.5	520.8	<i>360° Field of View</i>		
G1-6	48.138483	11.574855	518.3	2.3	520.6	<i>360° Field of View</i>		
G1-7	48.138443	11.575086	518.4	2.4	520.8	<i>360° Field of View</i>		
G1-8	48.138476	11.575268	518.5	2.2	520.7	<i>360° Field of View</i>		
G1-9	48.138379	11.575231	518.5	1.3	519.8	<i>360° Field of View</i>		
G1-10	48.138377	11.572782	518.0	2.2	520.2	<i>360° Field of View</i>		
G1-11	48.138302	11.573292	518.1	1.9	520.0	0.0° N	60°	+30° / -45°
G1-12	48.138310	11.572825	518.1	1.7	519.8	<i>360° Field of View</i>		
G1-13	48.137786	11.572860	518.2	1.7	519.9	<i>360° Field of View</i>		
G1-14	48.137614	11.573389	518.3	1.7	520.0	<i>360° Field of View</i>		
G1-15	48.137525	11.573802	518.4	1.7	520.1	<i>360° Field of View</i>		
G1-16	48.137500	11.574183	518.4	1.7	520.1	<i>360° Field of View</i>		
G1-17	48.137414	11.574628	518.2	3.6	521.8	<i>360° Field of View</i>		
G1-18	48.137346	11.575121	517.0	1.5	518.5	<i>360° Field of View</i>		
G1-19	48.137700	11.575078	518.2	1.6	519.8	<i>360° Field of View</i>		
G1-20	48.138162	11.575153	518.6	1.7	520.3	<i>360° Field of View</i>		
G1-21	48.138366	11.575470	518.6	1.5	520.1	<i>360° Field of View</i>		
G1-22	48.138552	11.575534	518.0	1.9	519.9	<i>360° Field of View</i>		
G1-23	48.138337	11.575615	518.9	1.9	520.8	<i>360° Field of View</i>		
G1-24	48.138323	11.575867	519.4	1.9	521.3	<i>360° Field of View</i>		
G1-25	48.138237	11.576141	519.2	1.9	521.1	<i>360° Field of View</i>		
G1-26	48.138688	11.575465	518.3	1.7	520.0	<i>360° Field of View</i>		

4 Results

4.1 G1

4.1.1 Filter

☰ Evaluation method

🔽 Evaluation method for group G1

Overview of the active filters and what they do.

PV area shaded

Filters time steps where the sun is shaded from the PV area by an obstacle. Without direct sunlight, no directed reflection can occur.

Reflection blocked by obstacle

Filters out glare times where the reflection is fully blocked by a defined obstacle.

Outside field of view

Removes glare times where the reflection direction falls outside the observer's defined field of view (FOV). Affects glare duration and intensities.

Below intensity threshold \geq cd/m^2

Removes time steps where luminance is below the threshold. Affects glare minutes only — intensities remain unchanged.

Sun overlap \leq $^\circ$

The reflection is spatially spread out — many small cells of the PV glare simultaneously. The angle measured is between the center of this glowing region (centroid of the visible cells) and the center of the sun. If \leq limit angle, the glare is considered masked by direct sunlight and filtered out. Affects glare duration only — intensities remain unchanged.

+ low sun \leq $^\circ$

Additional condition: Sun overlap filtering is only applied when the solar elevation is below the specified angle.

Core glare only (specular)

Shows only time steps with specular (directed) reflection. Diffuse scattering alone does not count as glare time. Relevant for guidelines that only evaluate directed glare. Affects glare duration only — intensities remain unchanged.

Min. sun elevation \geq $^\circ$

Filters time steps with low sun position (twilight). Reflections at very low sun angles are often low intensity and practically irrelevant.

Vertical glare source \leq $^\circ$

Removes glare times where the cumulative vertical angular height of the glare source(s) is below the threshold. When multiple PV areas cause glare simultaneously, their vertical extents are summed. Affects glare duration only — intensities remain unchanged.

PV AREAS

PV1 PV2 PV3

All PV areas are included in the analysis.

4.1.2 Übersicht

Results summary

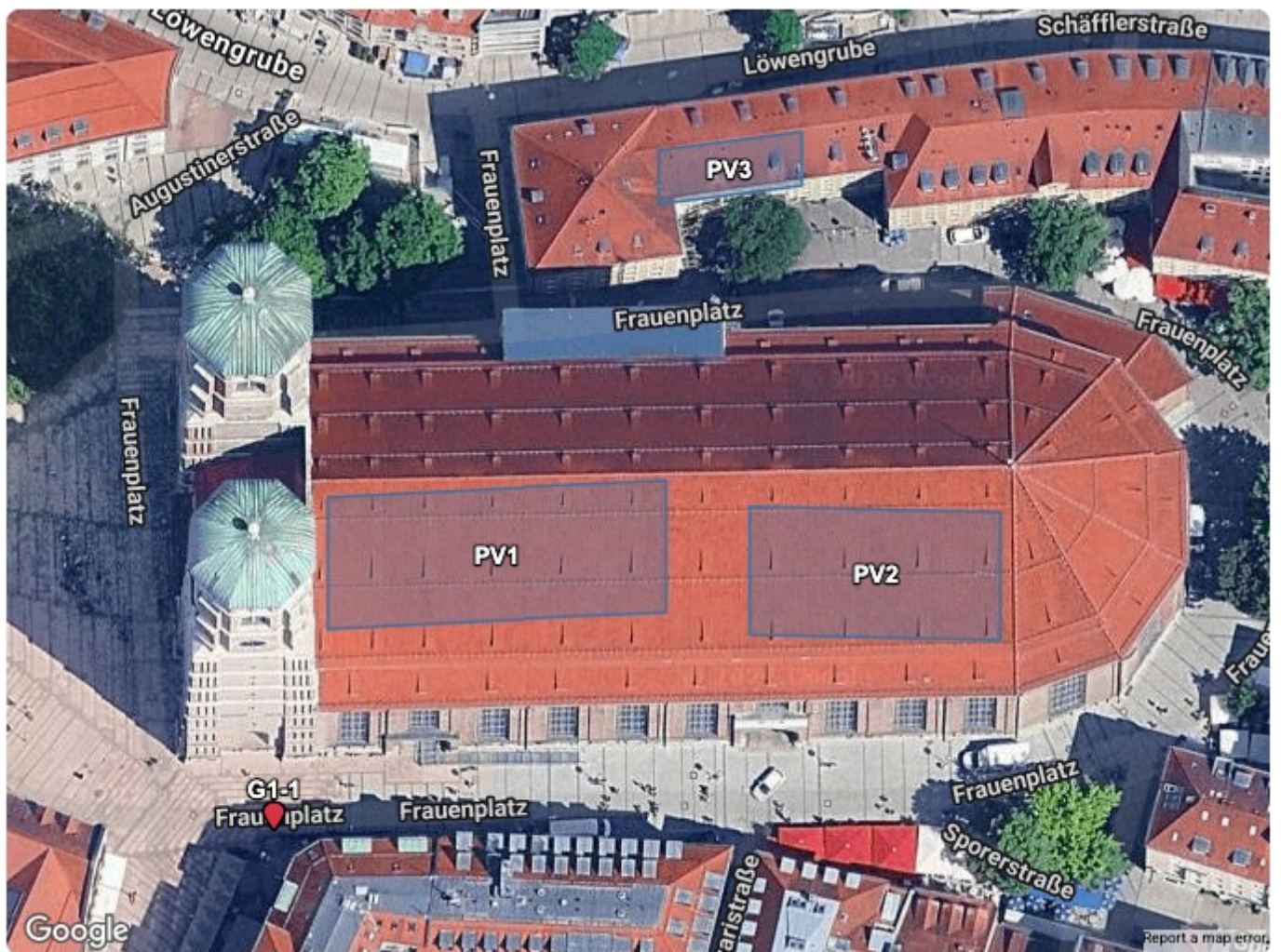
Results filtered

	Total glare minutes/year	Max. daily glare	Affected days	Peak luminance	Peak illuminance	Min. gaze axis distance
G1-1	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-2	2396 min	34 min	84 days	5100014 cd/m ²	9043.5 lux	—°
G1-3	3816 min	39 min	129 days	5100014 cd/m ²	37755.4 lux	—°
G1-4	2018 min	18 min	142 days	5100014 cd/m ²	15745.8 lux	—°
G1-5	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-6	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-7	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-8	1567 min	34 min	56 days	6238843 cd/m ²	2413.7 lux	—°
G1-9	146 min	4 min	62 days	4592292 cd/m ²	1350.6 lux	—°
G1-10	1236 min	18 min	105 days	4600910 cd/m ²	20840.4 lux	—°
G1-11	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-12	1741 min	28 min	79 days	4600910 cd/m ²	6560.2 lux	—°
G1-13	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-14	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-15	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-16	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-17	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-18	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-19	0 min	0 min	0 days	0 cd/m ²	0 lux	—°
G1-20	4431 min	44 min	124 days	5100014 cd/m ²	15719.9 lux	—°
G1-21	404 min	16 min	78 days	5755521 cd/m ²	1590.6 lux	—°
G1-22	3597 min	40 min	100 days	6238843 cd/m ²	4202.6 lux	—°
G1-23	1259 min	27 min	105 days	6070210 cd/m ²	4094.5 lux	—°
G1-24	2346 min	36 min	130 days	6227526 cd/m ²	3418.0 lux	—°
G1-25	2832 min	35 min	140 days	6135157 cd/m ²	3870.6 lux	—°
G1-26	1460 min	18 min	105 days	6195501 cd/m ²	2632.0 lux	—°

4.1.3 Einzelergebnisse

4.1.3.1 G1-1

■ G1-1



■ PV areas ♥ Observation points

Results summary

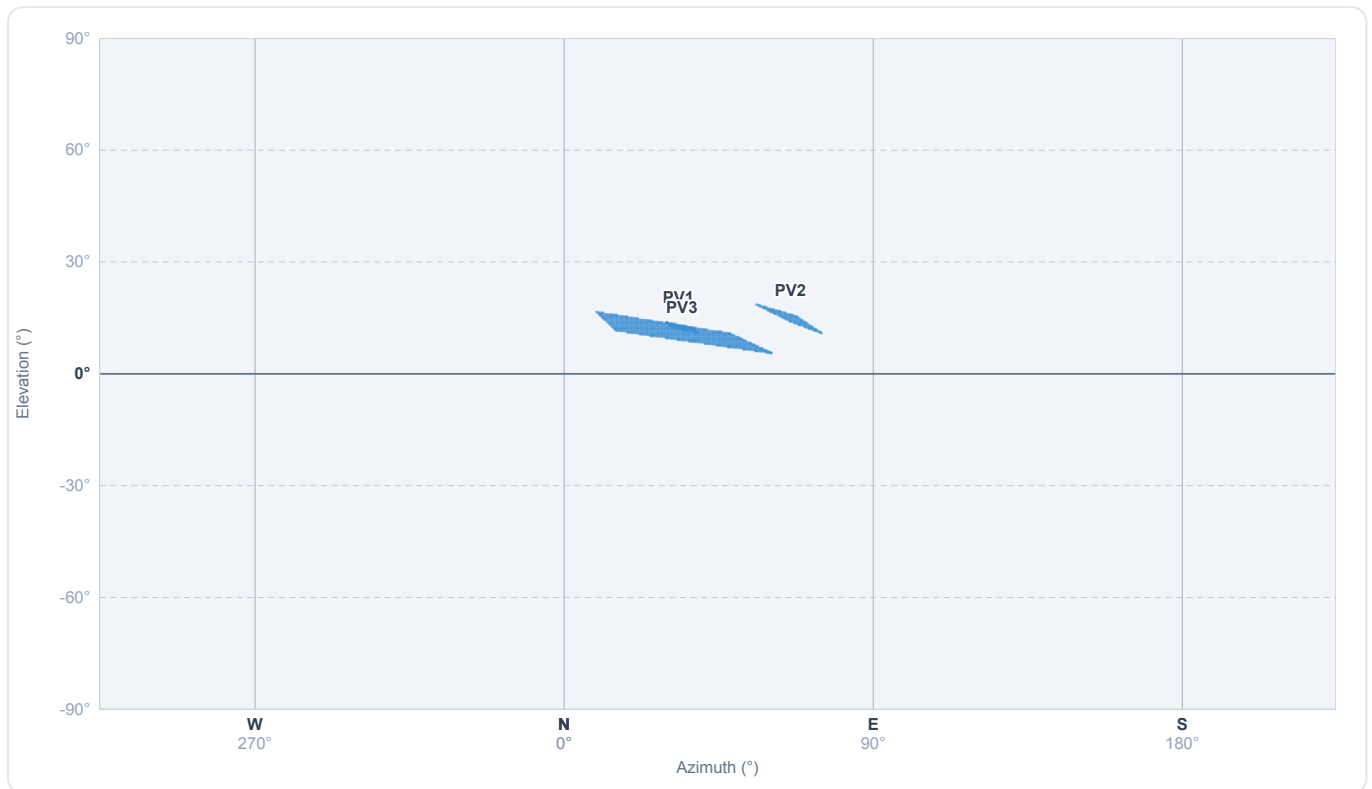
Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.1 G1-1

3D Perspective (Azimuth / Elevation)

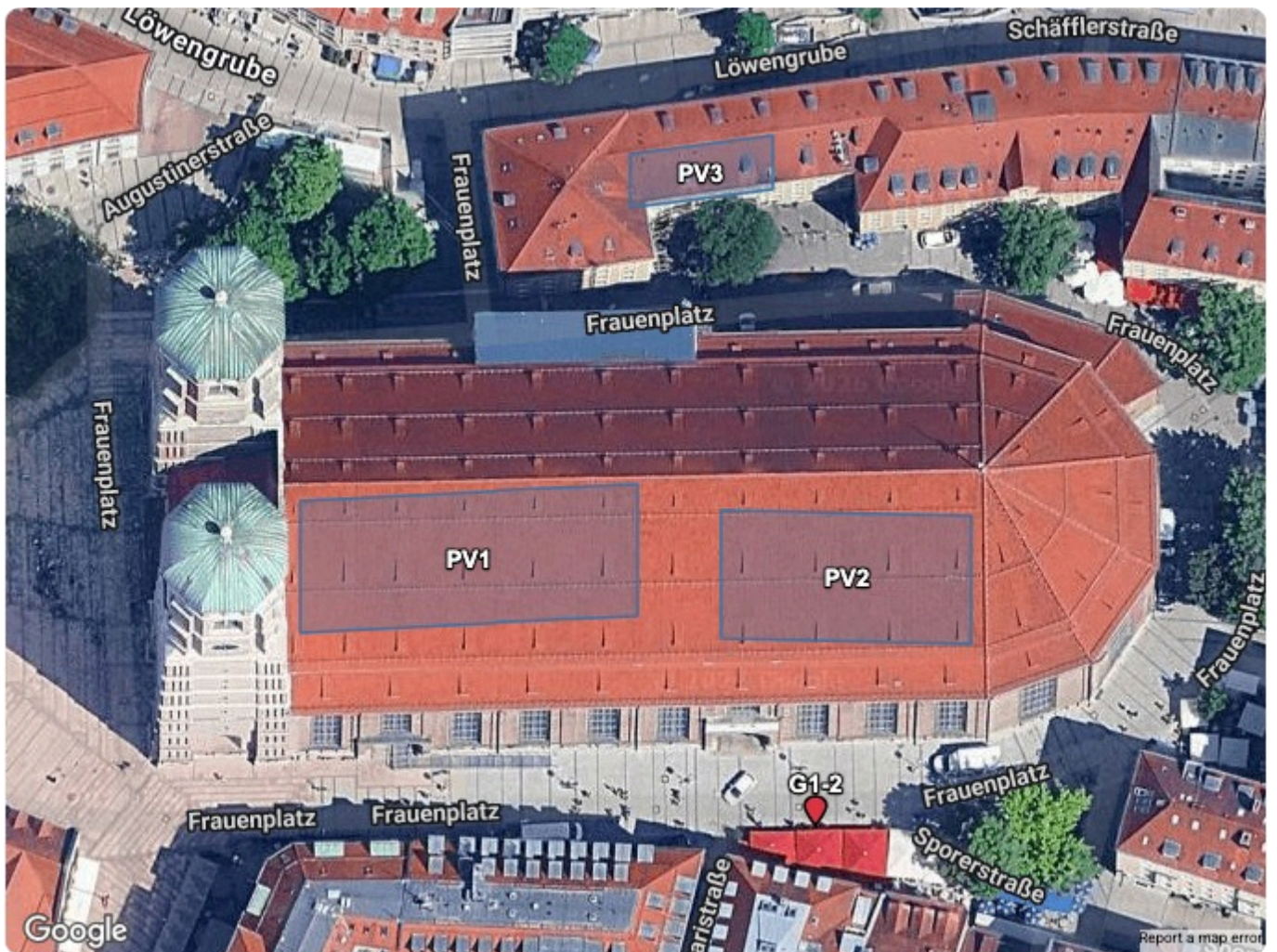
Equiangular projection — depending on distance, areas appear stretched or compressed toward the horizon, which can look unintuitive

- PV1
- PV2
- PV3



4.1.3.2 G1-2

■ G1-2



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

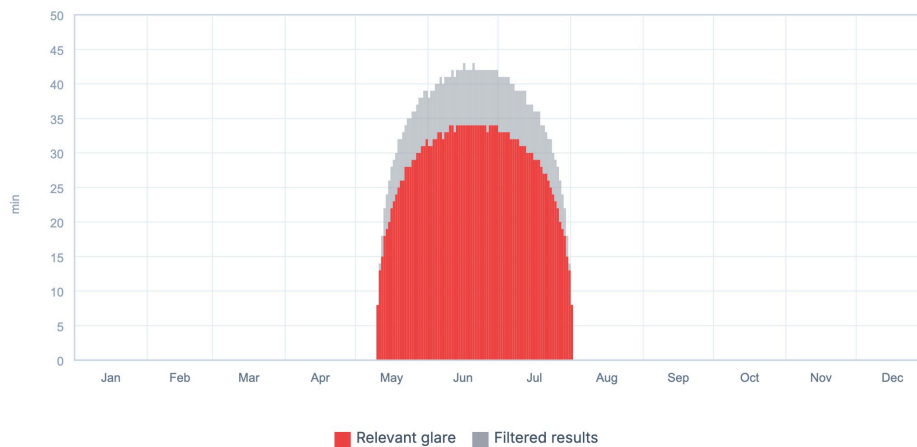
Total glare minutes/year	2396 min
Max. daily glare	34 min
Affected days	84 days
Peak luminance	5100014 cd/m ²
Peak illuminance	9043.5 lux

4.1.3.2 G1-2

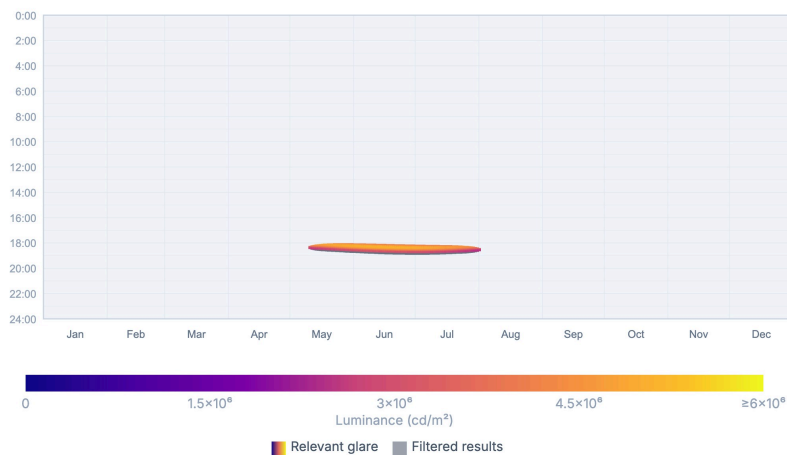
Glare times (day × time) (UTC+1)



Daily glare duration

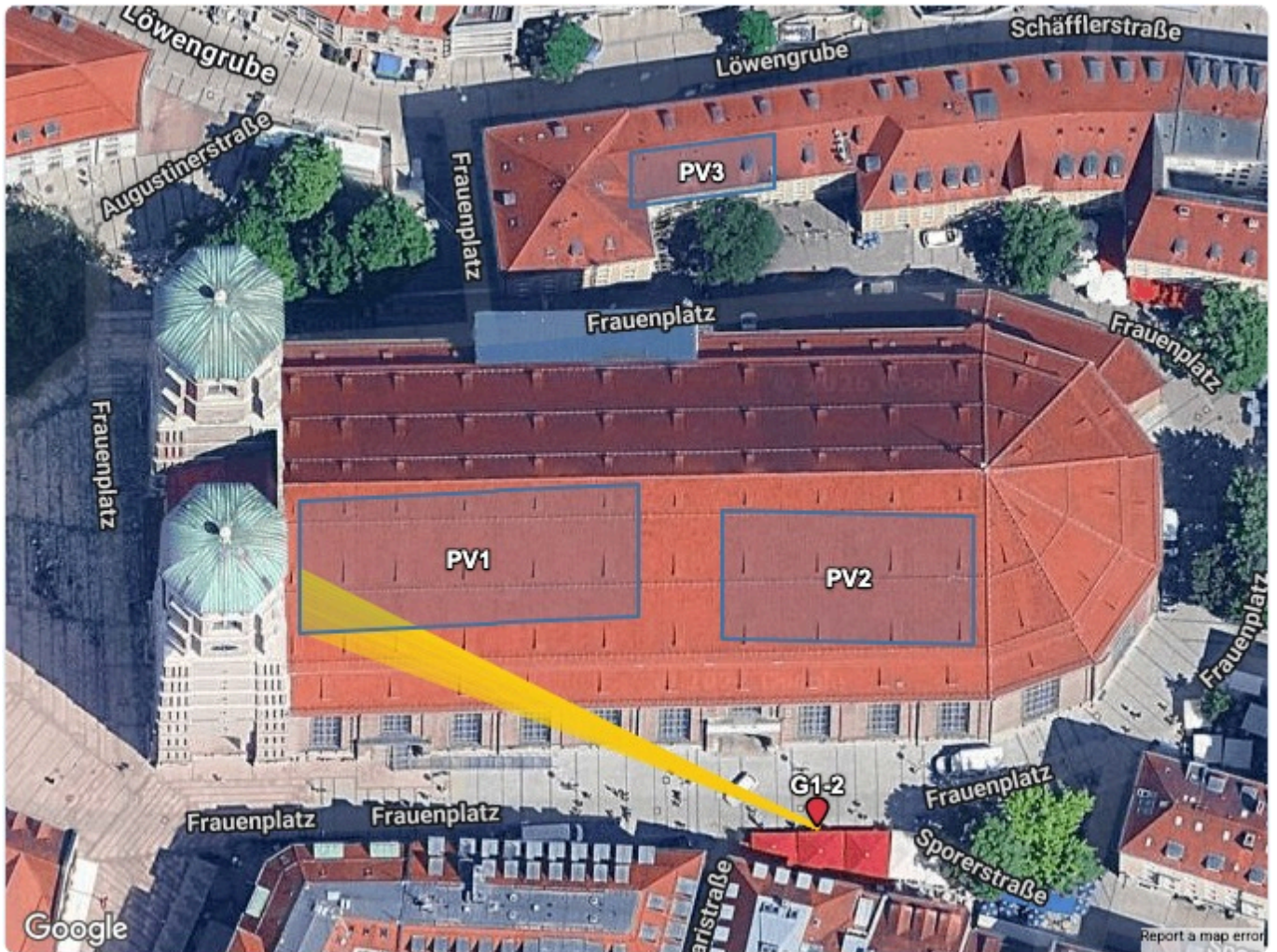


Intensity-coded glare times (UTC+1)



4.1.3.2 G1-2

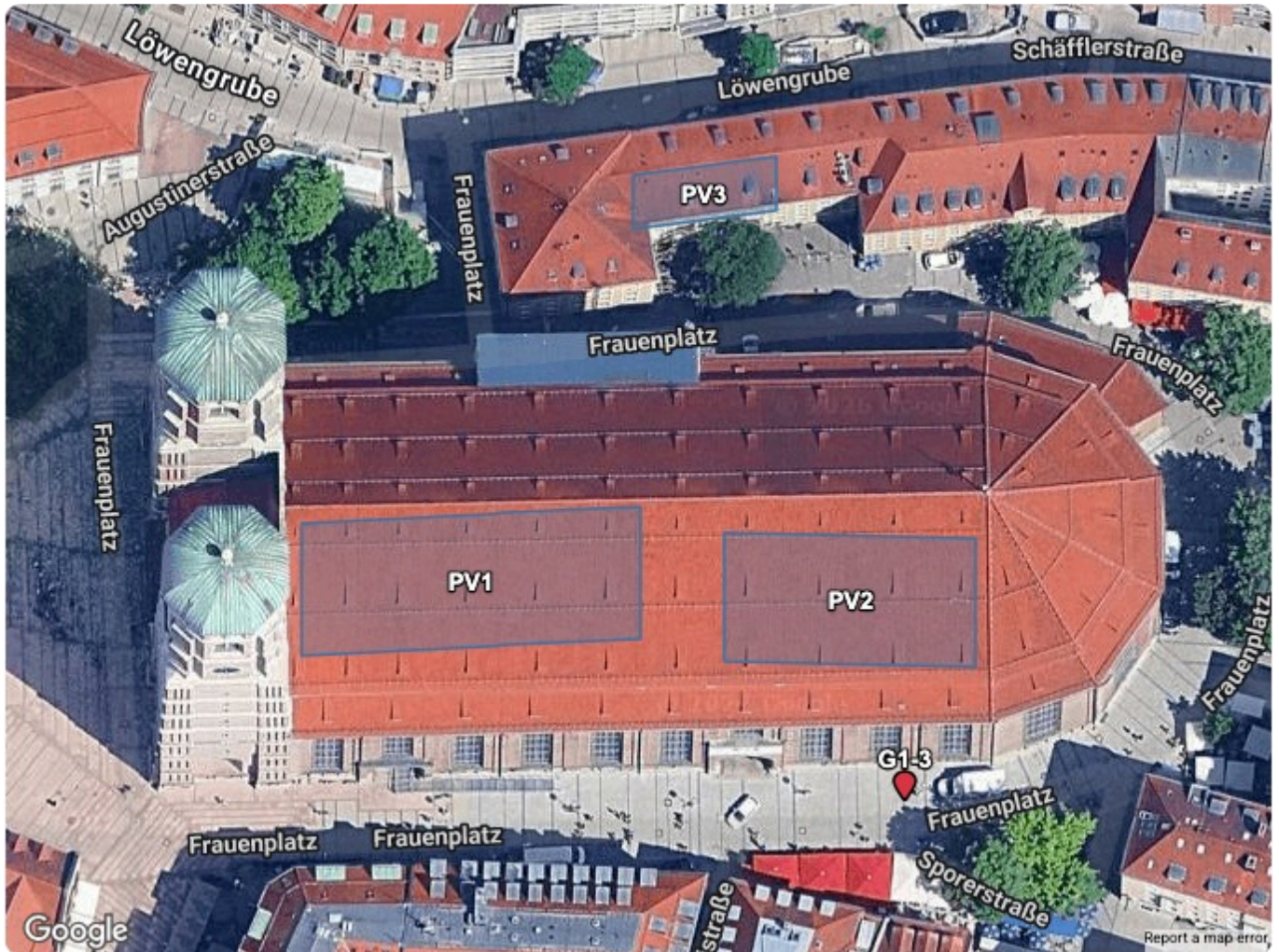
📍 Reflection map (top-down)



■ PV areas 📍 Observation points → Reflection directions — Filtered reflection directions

4.1.3.3 G1-3

■ G1-3



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

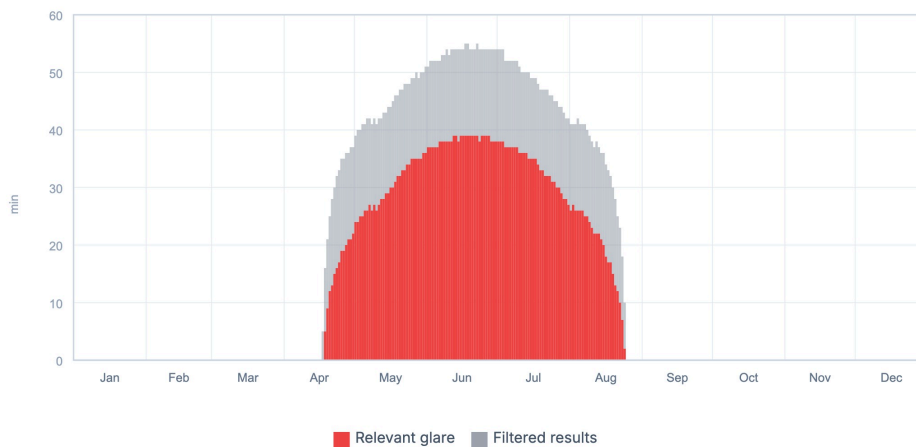
Total glare minutes/year	3816 min
Max. daily glare	39 min
Affected days	129 days
Peak luminance	5100014 cd/m ²
Peak illuminance	37755.4 lux

4.1.3.3 G1-3

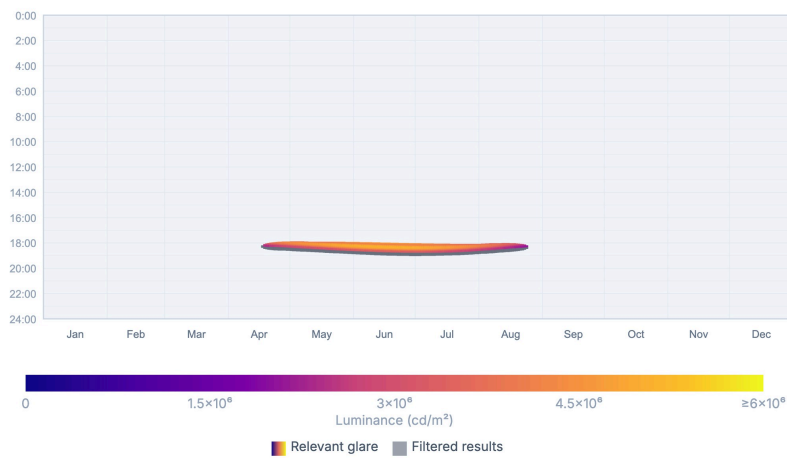
Glare times (day × time) (UTC+1)



Daily glare duration

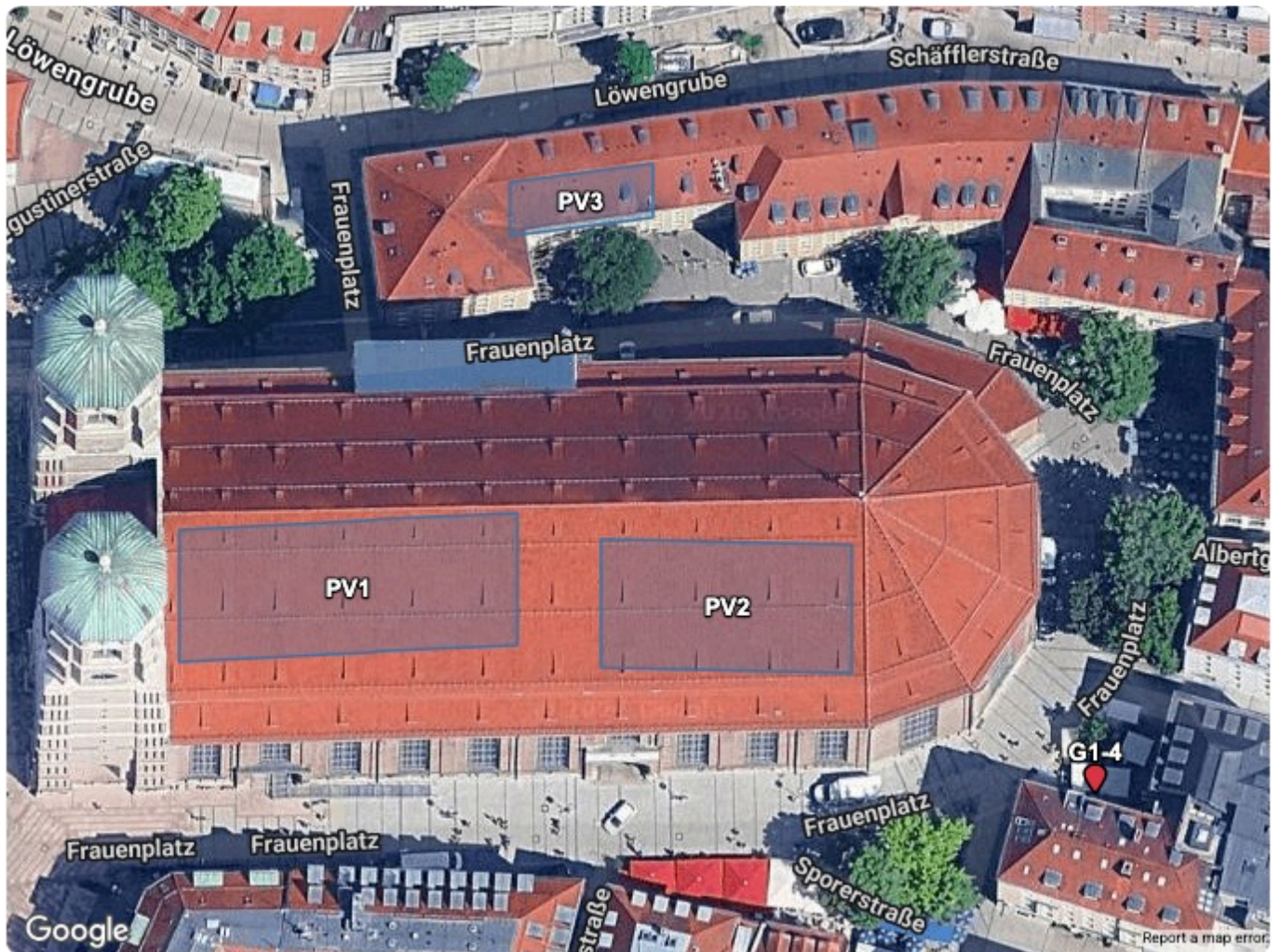


Intensity-coded glare times (UTC+1)



4.1.3.4 G1-4

■ G1-4



■ PV areas 📍 Observation points

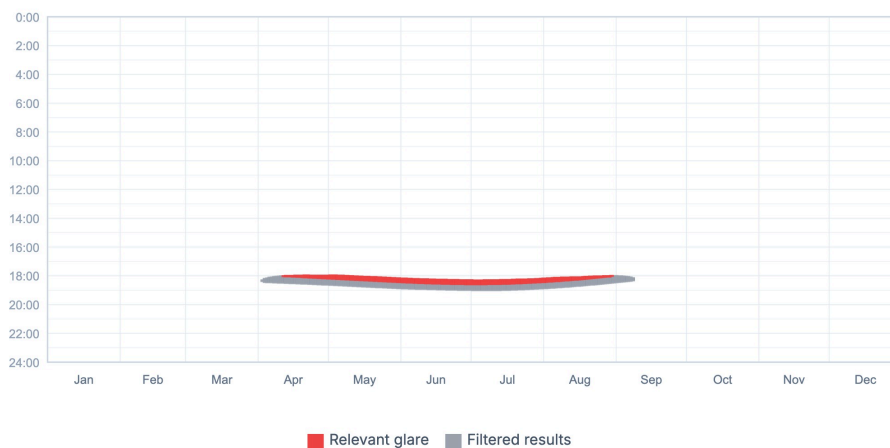
Results summary

▼ Results filtered

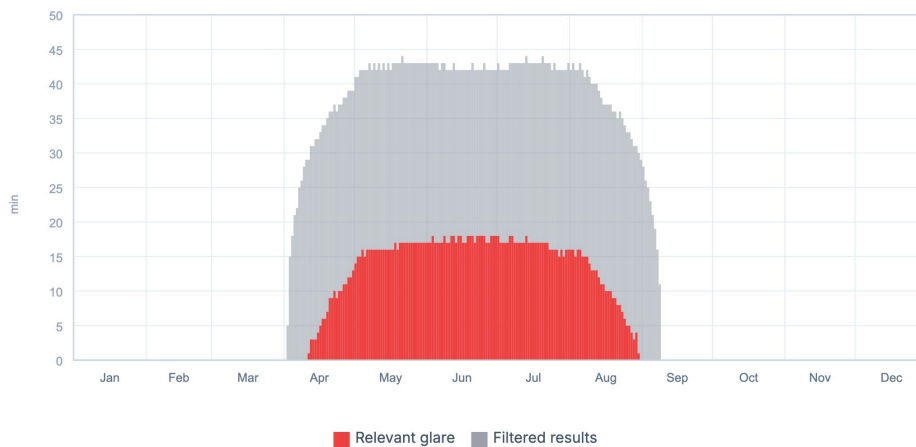
Total glare minutes/year	2018 min
Max. daily glare	18 min
Affected days	142 days
Peak luminance	5100014 cd/m ²
Peak illuminance	15745.8 lux

4.1.3.4 G1-4

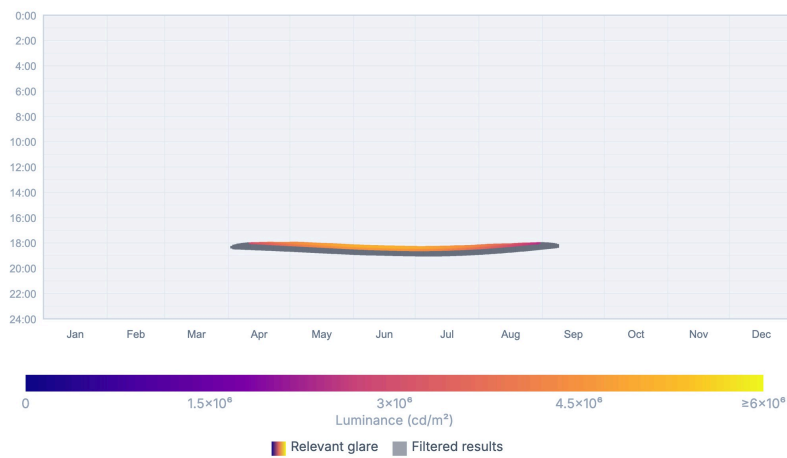
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.5 G1-5

■ G1-5



■ PV areas ♥ Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.6 G1-6

■ G1-6



■ PV areas ♥ Observation points

Results summary

▼ Results filtered

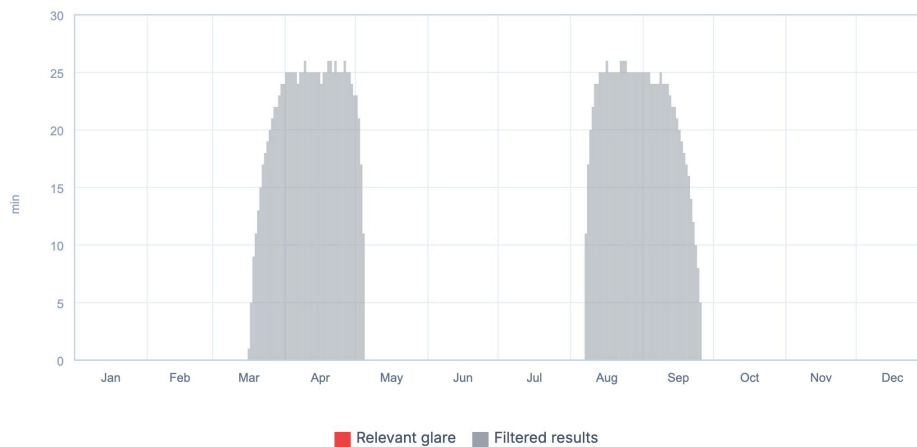
Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.6 G1-6

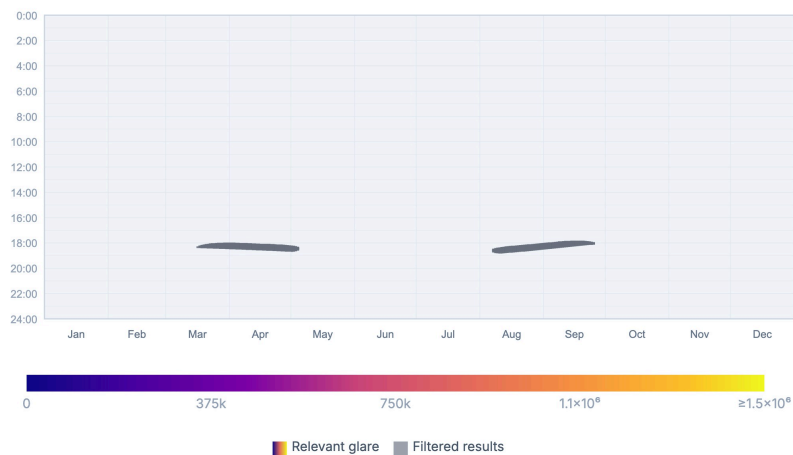
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



■ G1-7



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

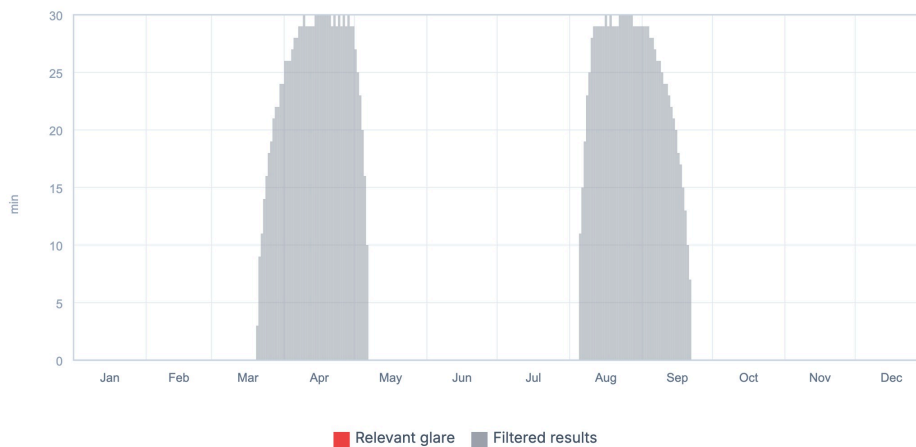
Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.7 G1-7

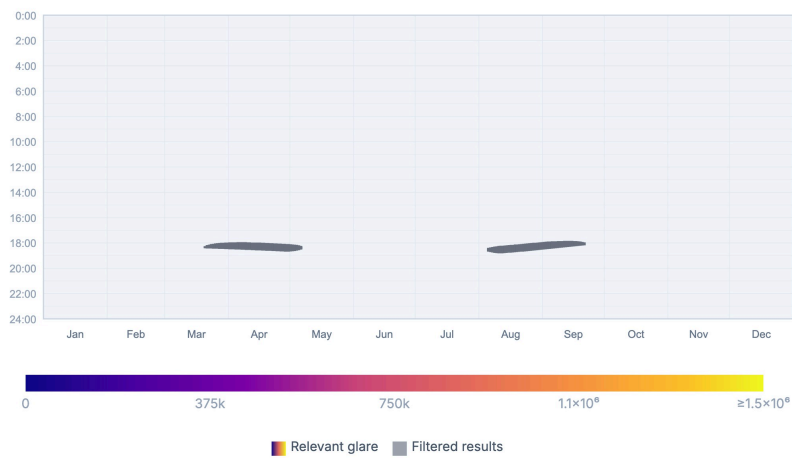
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.8 G1-8

■ G1-8



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

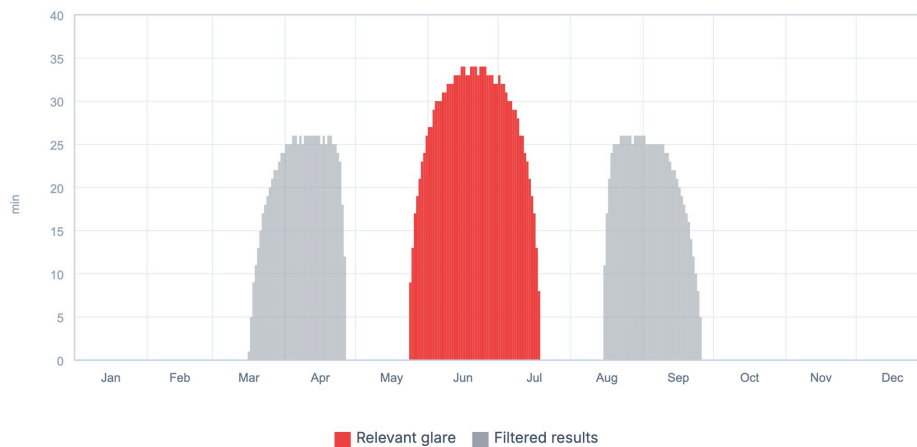
Total glare minutes/year	1567 min
Max. daily glare	34 min
Affected days	56 days
Peak luminance	6238843 cd/m ²
Peak illuminance	2413.7 lux

4.1.3.8 G1-8

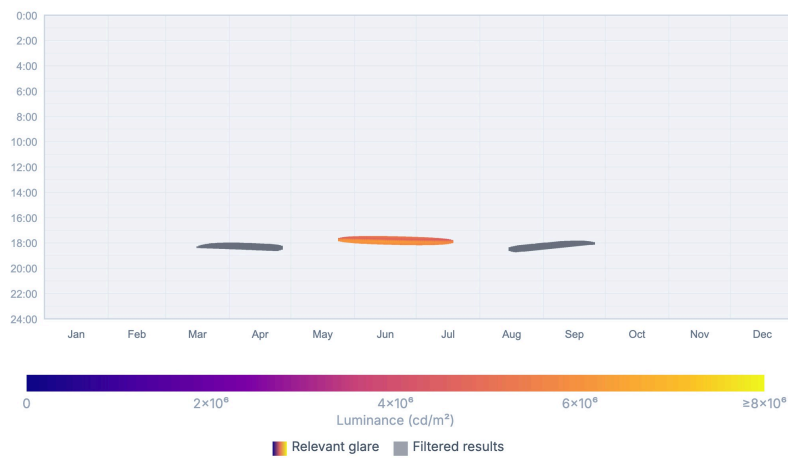
Glare times (day × time) (UTC+1)



Daily glare duration

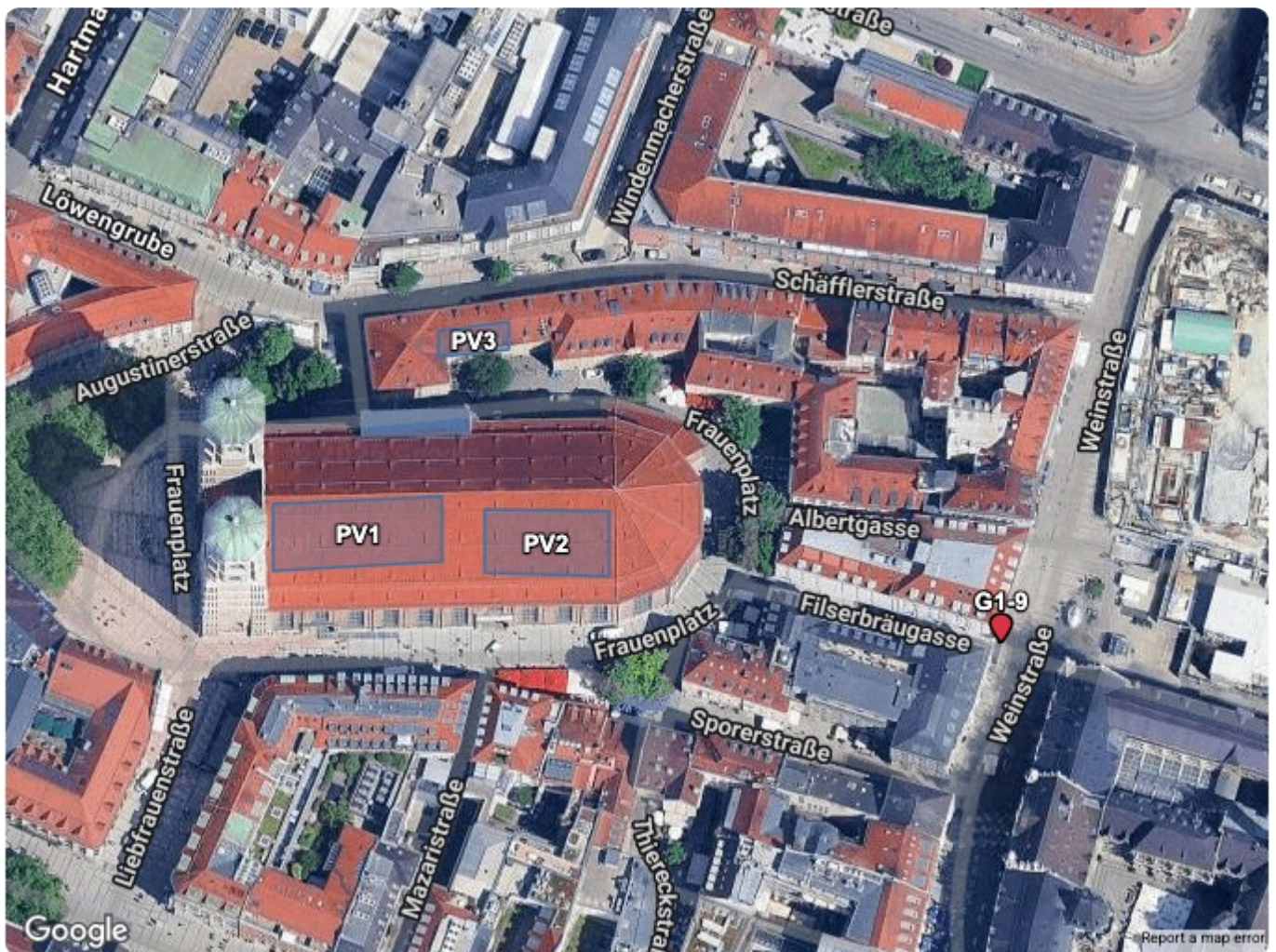


Intensity-coded glare times (UTC+1)



4.1.3.9 G1-9

■ G1-9



■ PV areas ❤️ Observation points

Results summary

▼ Results filtered

Total glare minutes/year	146 min
Max. daily glare	4 min
Affected days	62 days
Peak luminance	4592292 cd/m ²
Peak illuminance	1350.6 lux

4.1.3.9 G1-9

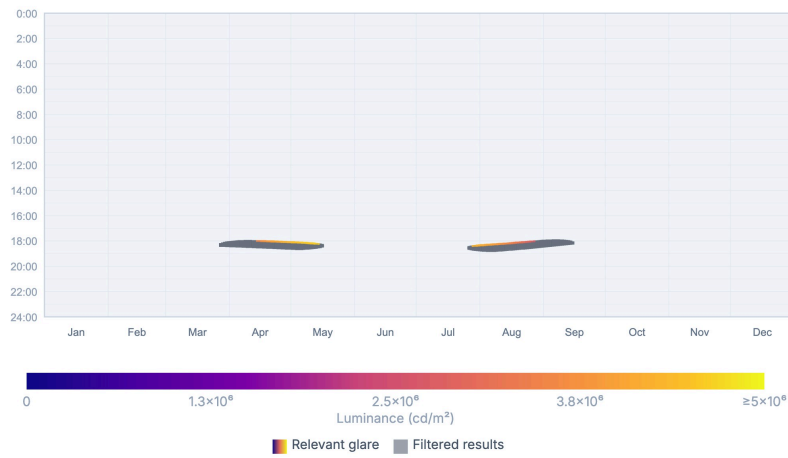
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.10 G1-10

■ G1-10



■ PV areas ■ Observation points

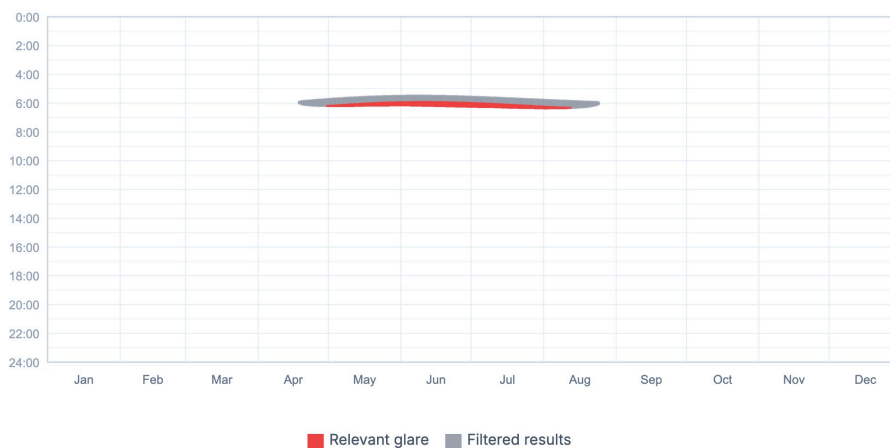
Results summary

▼ Results filtered

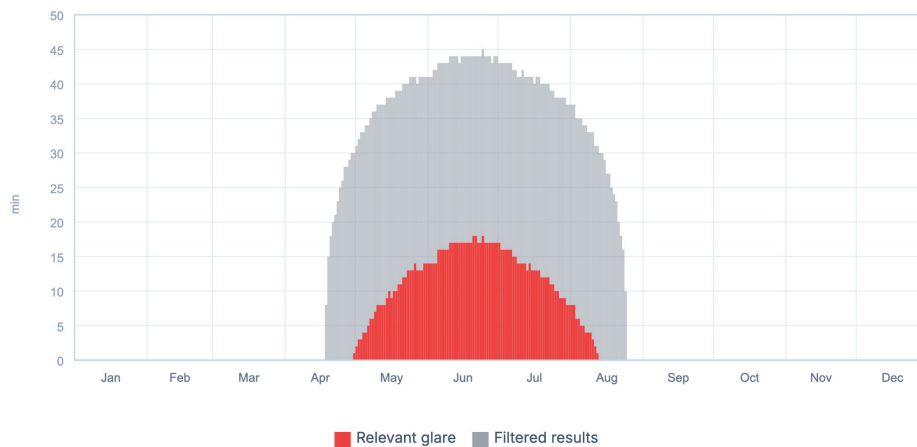
Total glare minutes/year	1236 min
Max. daily glare	18 min
Affected days	105 days
Peak luminance	4600910 cd/m ²
Peak illuminance	20840.4 lux

4.1.3.10 G1-10

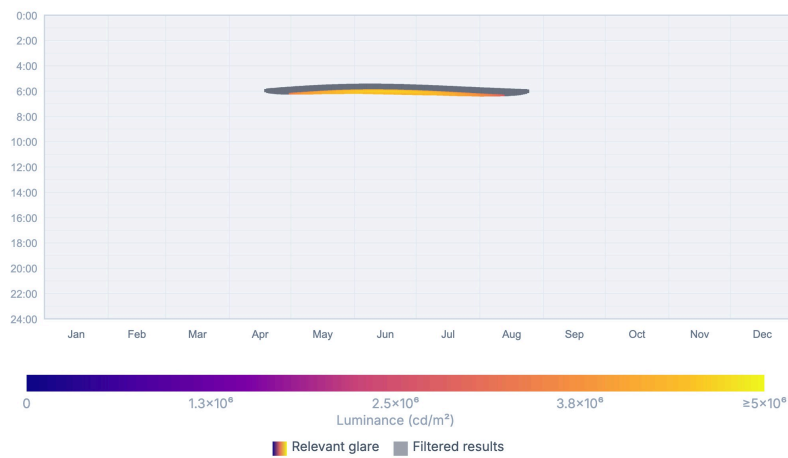
Glare times (day × time) (UTC+1)



Daily glare duration

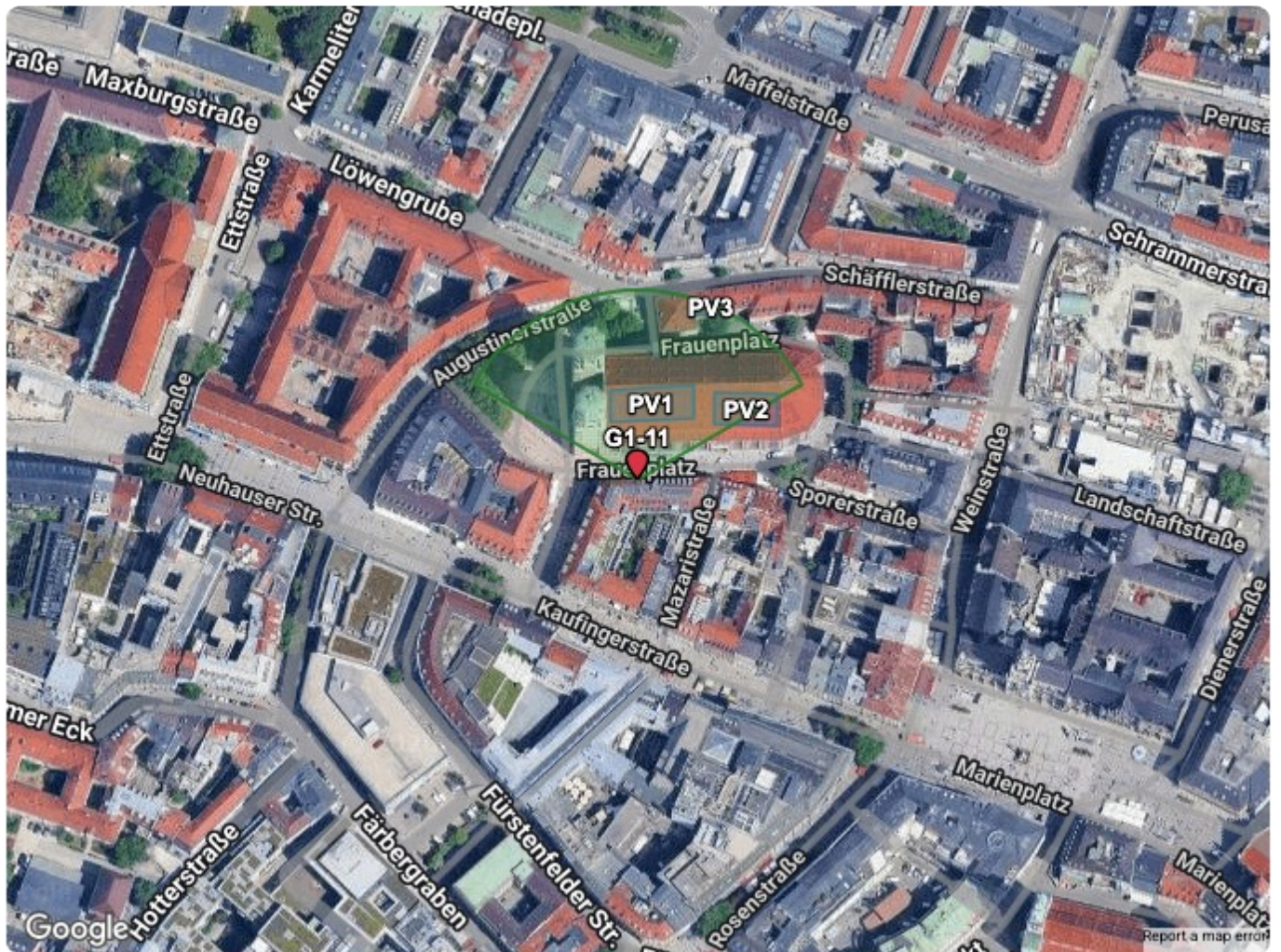


Intensity-coded glare times (UTC+1)



4.1.3.11 G1-11

■ G1-11



■ PV areas ■ Observation points ■ Field of View (FOV)

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—
Min. gaze axis distance	—

FOV parameters

View direction (azimuth)	0.0°
Horizontal opening angle	±60°
Vertical angle up	+30°
Vertical angle down	-45°

4.1.3.12 G1-12

■ G1-12



■ PV areas ■ Observation points

Results summary

▼ Results filtered

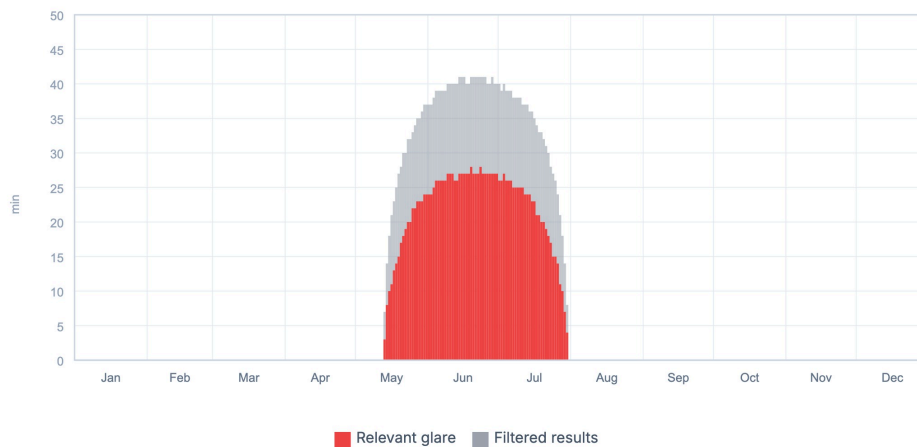
Total glare minutes/year	1741 min
Max. daily glare	28 min
Affected days	79 days
Peak luminance	4600910 cd/m ²
Peak illuminance	6560.2 lux

4.1.3.12 G1-12

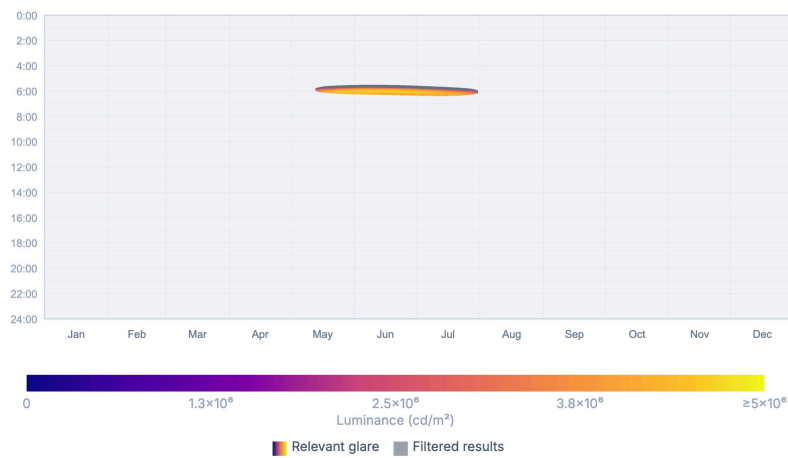
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.13 G1-13

■ G1-13



■ PV areas 📍 Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.14 G1-14

■ G1-14



■ PV areas 📍 Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.15 G1-15

■ G1-15



■ PV areas 📍 Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

■ G1-16



■ PV areas 📍 Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.17 G1-17

■ G1-17



■ PV areas 📍 Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.18 G1-18

■ G1-18



■ PV areas 📍 Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.19 G1-19

■ G1-19



■ PV areas ❤️ Observation points

Results summary

Total glare minutes/year	0 min
Max. daily glare	0 min
Affected days	0 days
Peak luminance	—
Peak illuminance	—

4.1.3.20 G1-20

■ G1-20



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

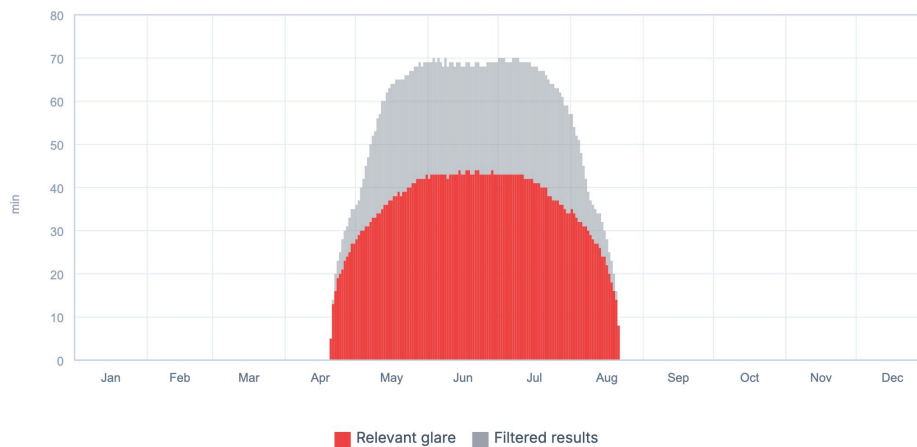
Total glare minutes/year	4431 min
Max. daily glare	44 min
Affected days	124 days
Peak luminance	5100014 cd/m ²
Peak illuminance	15719.9 lux

4.1.3.20 G1-20

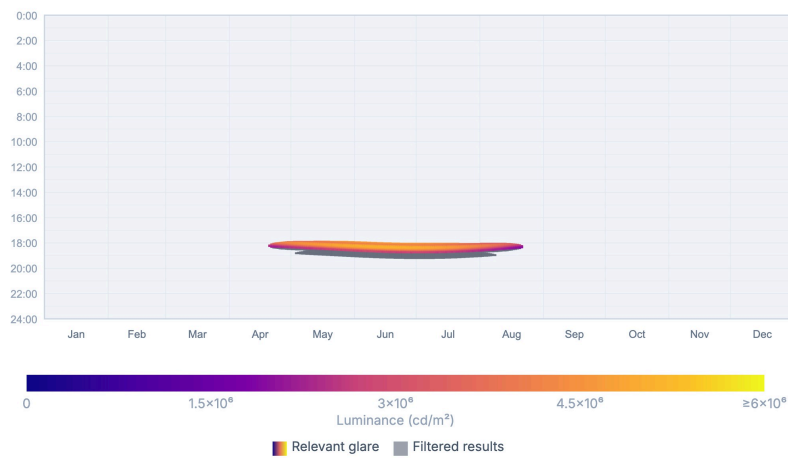
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.21 G1-21

■ G1-21



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

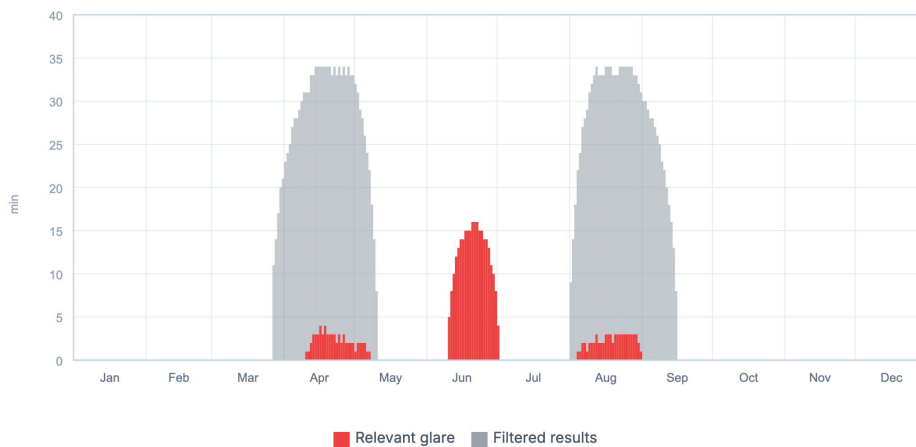
Total glare minutes/year	404 min
Max. daily glare	16 min
Affected days	78 days
Peak luminance	5755521 cd/m ²
Peak illuminance	1590.6 lux

4.1.3.21 G1-21

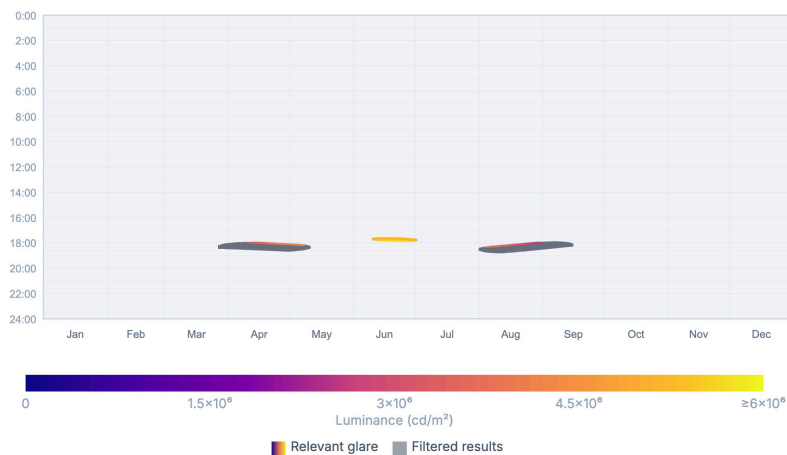
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.22 G1-22

■ G1-22



■ PV areas 📍 Observation points

Results summary

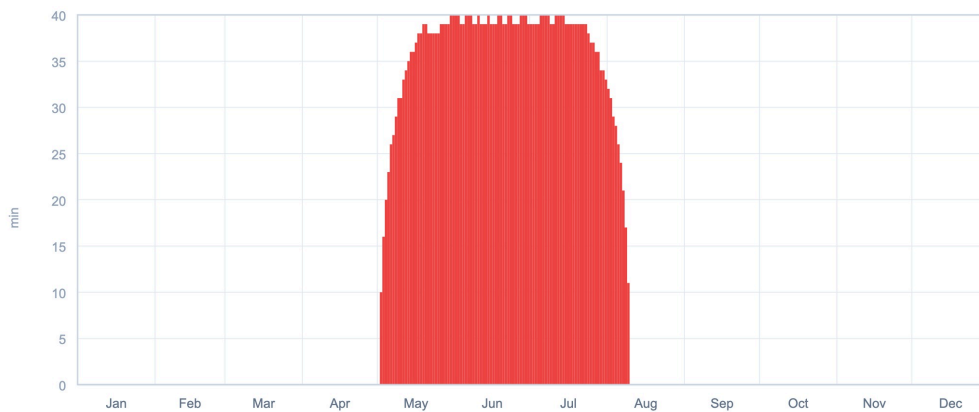
Total glare minutes/year	3597 min
Max. daily glare	40 min
Affected days	100 days
Peak luminance	6238843 cd/m ²
Peak illuminance	4202.6 lux

4.1.3.22 G1-22

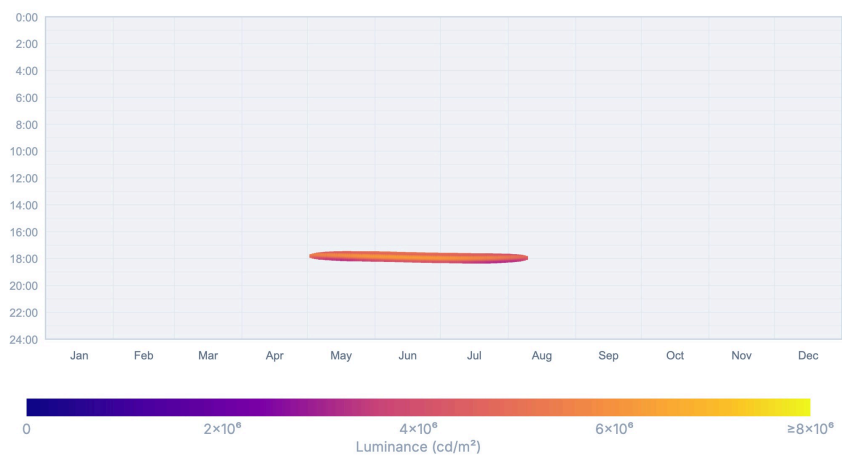
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.23 G1-23

■ G1-23



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

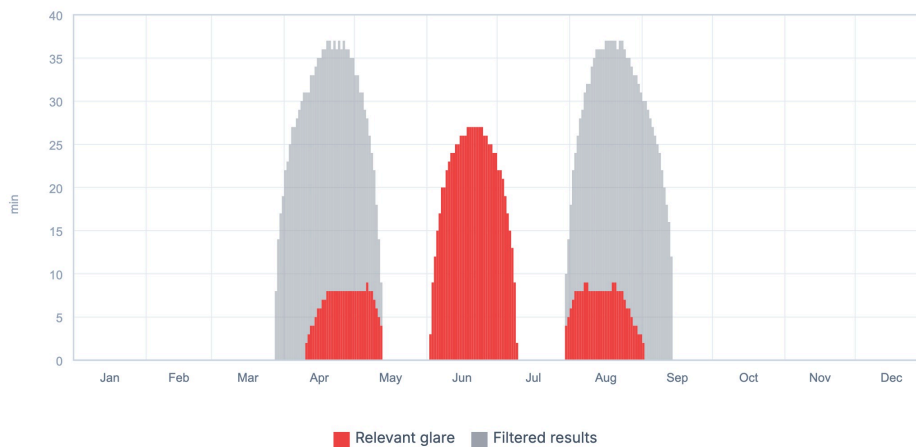
Total glare minutes/year	1259 min
Max. daily glare	27 min
Affected days	105 days
Peak luminance	6070210 cd/m ²
Peak illuminance	4094.5 lux

4.1.3.23 G1-23

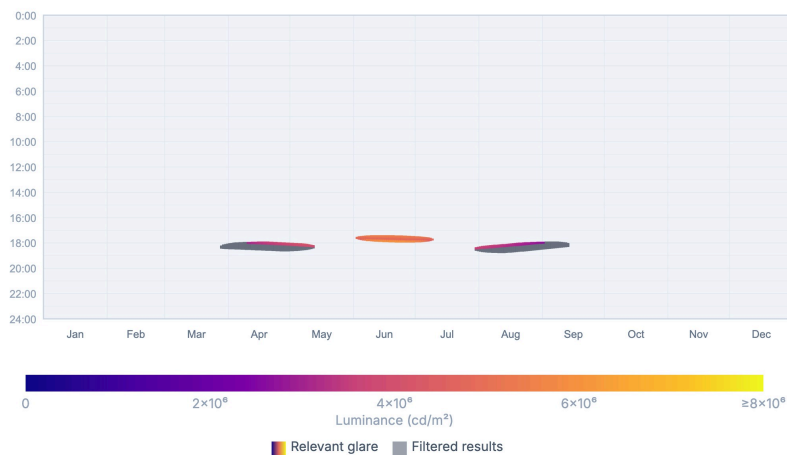
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.24 G1-24

■ G1-24



■ PV areas 📍 Observation points

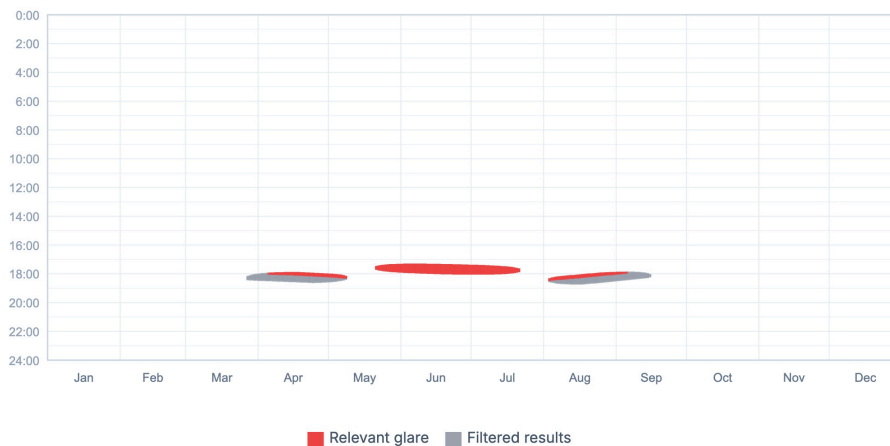
Results summary

▼ Results filtered

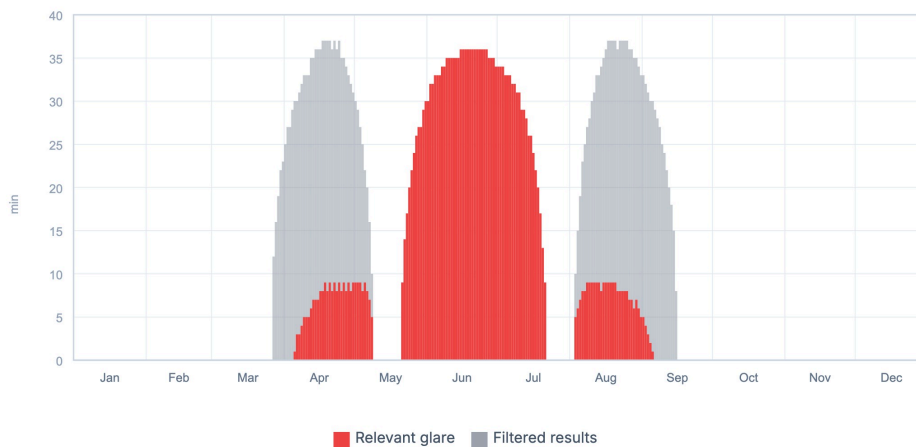
Total glare minutes/year	2346 min
Max. daily glare	36 min
Affected days	130 days
Peak luminance	6227526 cd/m ²
Peak illuminance	3418.0 lux

4.1.3.24 G1-24

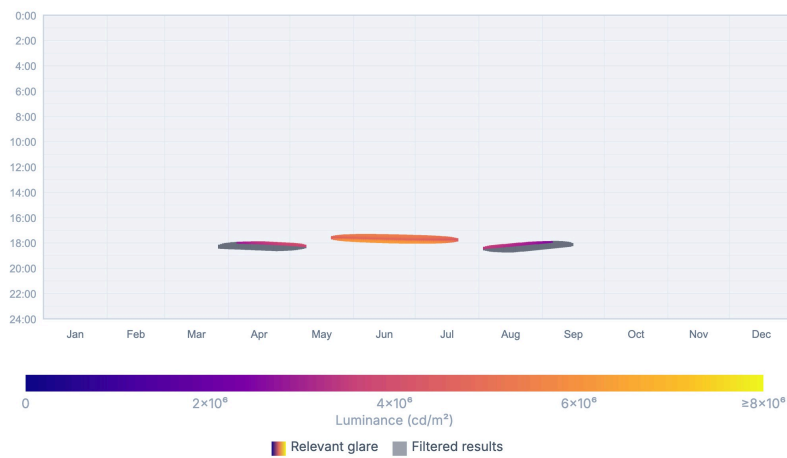
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.25 G1-25

■ G1-25



■ PV areas 📍 Observation points

Results summary

▼ Results filtered

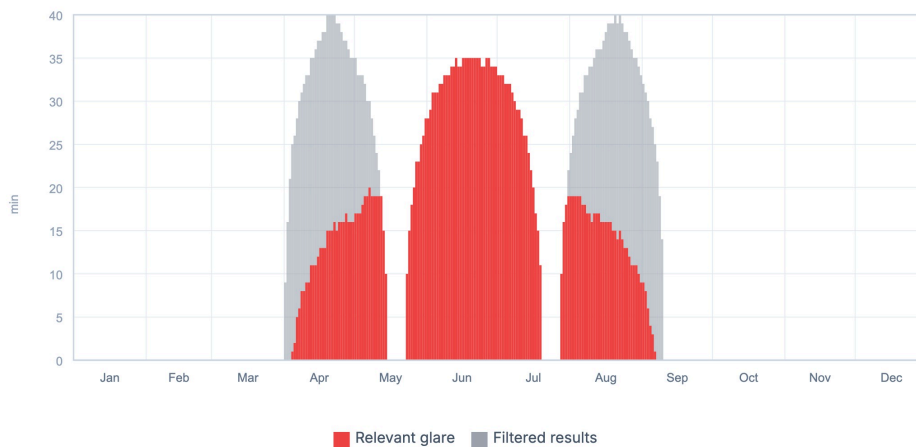
Total glare minutes/year	2832 min
Max. daily glare	35 min
Affected days	140 days
Peak luminance	6135157 cd/m ²
Peak illuminance	3870.6 lux

4.1.3.25 G1-25

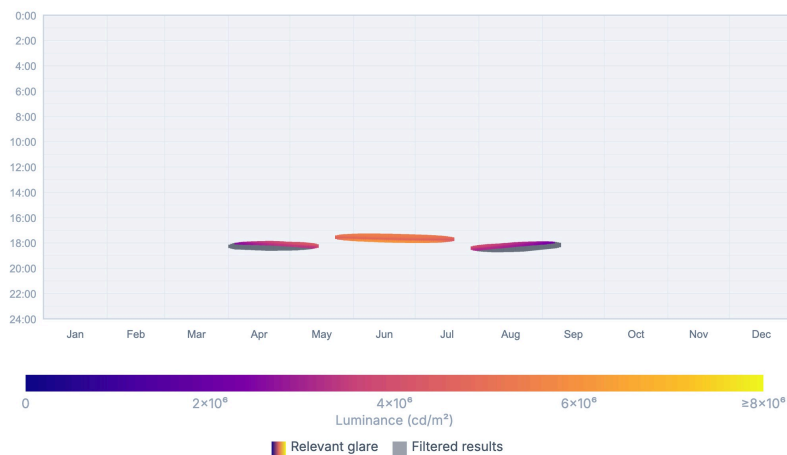
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



4.1.3.26 G1-26

■ G1-26



■ PV areas ♥ Observation points

Results summary

▼ Results filtered

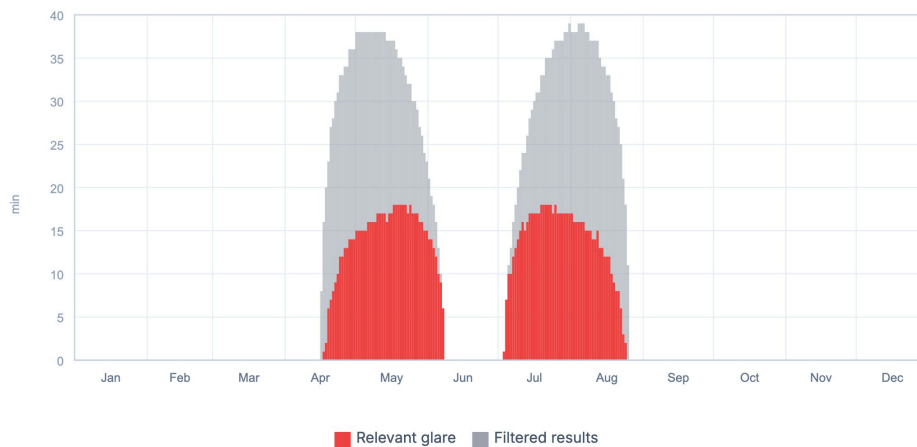
Total glare minutes/year	1460 min
Max. daily glare	18 min
Affected days	105 days
Peak luminance	6195501 cd/m ²
Peak illuminance	2632.0 lux

4.1.3.26 G1-26

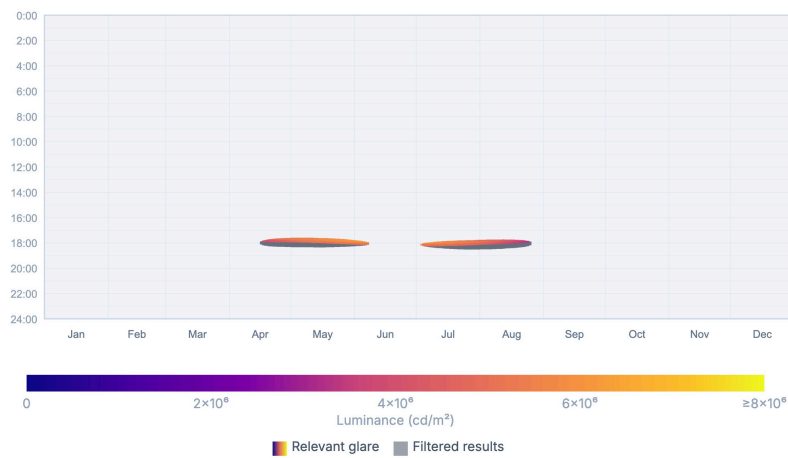
Glare times (day × time) (UTC+1)



Daily glare duration



Intensity-coded glare times (UTC+1)



A.1 PV1: Geodata



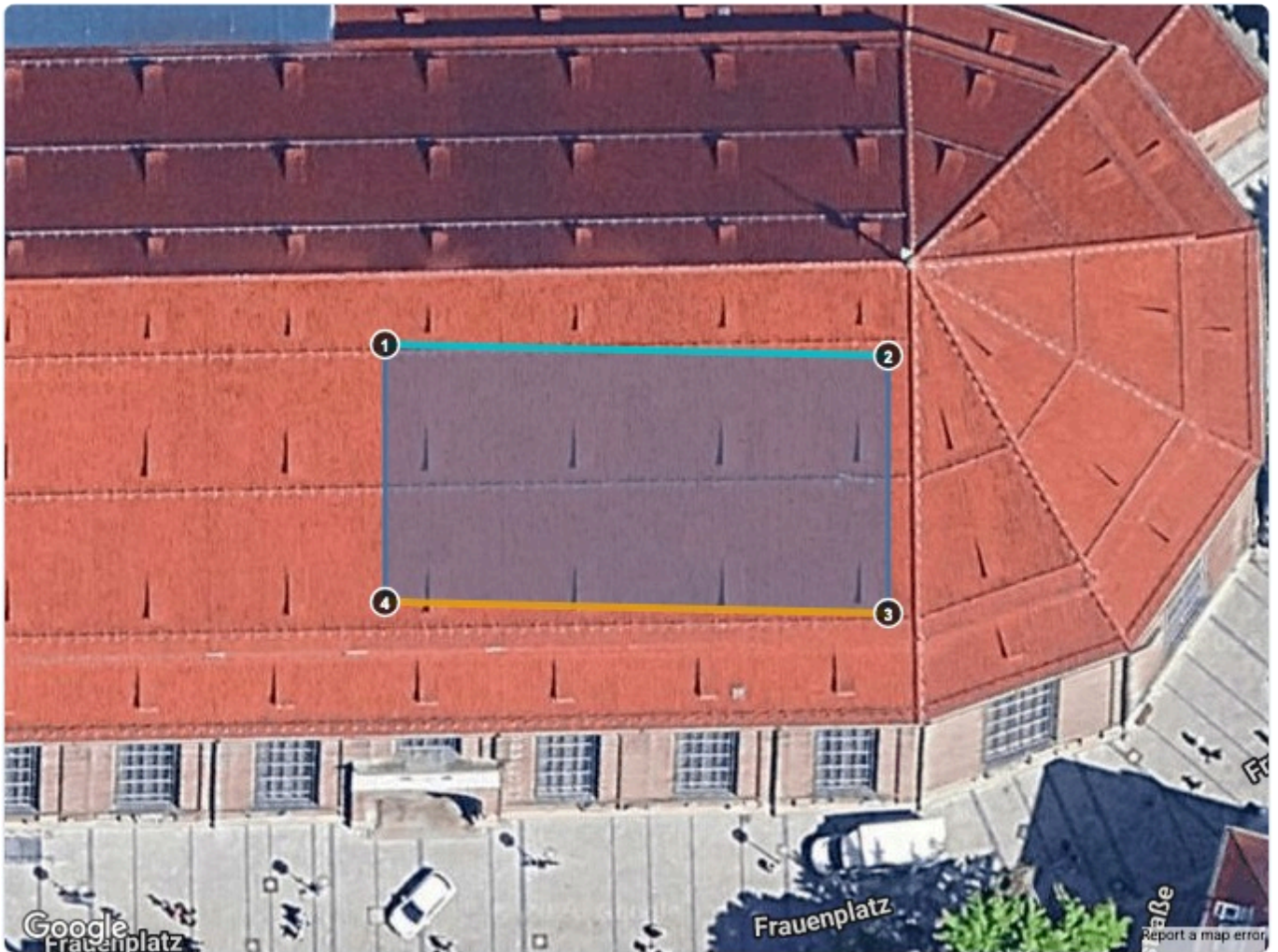
● Corners — Top Edge (P1-P2) — Bottom Edge (P3-P4)

Height Bottom Edge: 4.7 m · Height Top Edge: 11.0 m

Corners (4)

#	LATITUDE	LONGITUDE	GL
1	48.138645	11.573126	518.1 m
2	48.138661	11.573615	518.1 m
3	48.138534	11.573615	518.1 m
4	48.138518	11.573126	518.1 m

A.2 PV2: Geodata



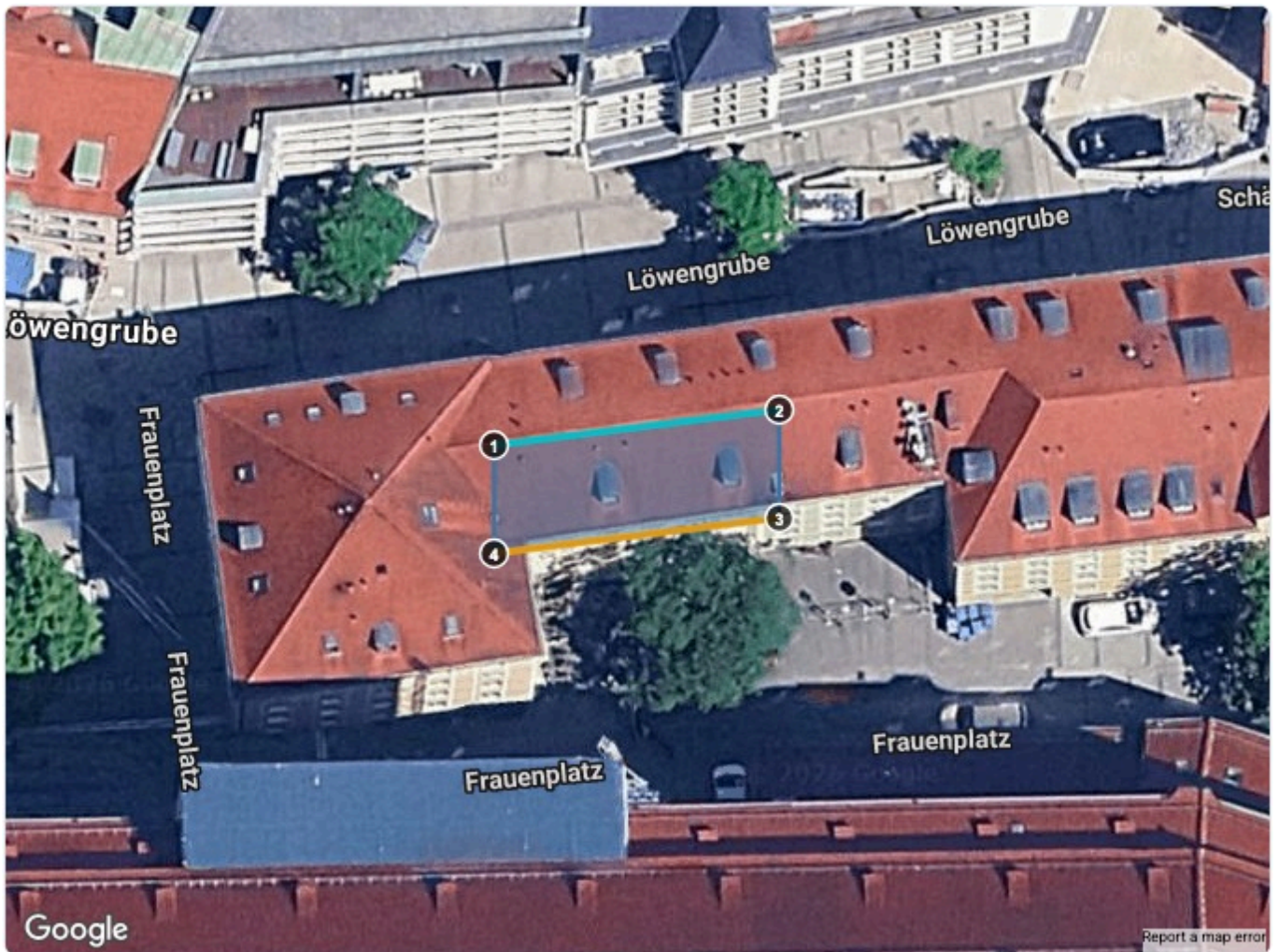
● Corners — Top Edge (P1-P2) — Bottom Edge (P3-P4)

Height Bottom Edge: 15.5 m · Height Top Edge: 21.0 m

Corners (4)

#	LATITUDE	LONGITUDE	GL
1	48.138636	11.573735	518.2 m
2	48.138630	11.574097	518.2 m
3	48.138507	11.574097	518.2 m
4	48.138512	11.573735	518.2 m

A.3 PV3: Geodata



● Corners — Top Edge (P1-P2) — Bottom Edge (P3-P4)

Height Bottom Edge: 17.3 m · Height Top Edge: 21.0 m

Corners (4)

#	LATITUDE	LONGITUDE	GL
1	48.138979	11.573604	518.0 m
2	48.138996	11.573809	518.0 m
3	48.138944	11.573809	518.0 m
4	48.138927	11.573604	518.0 m

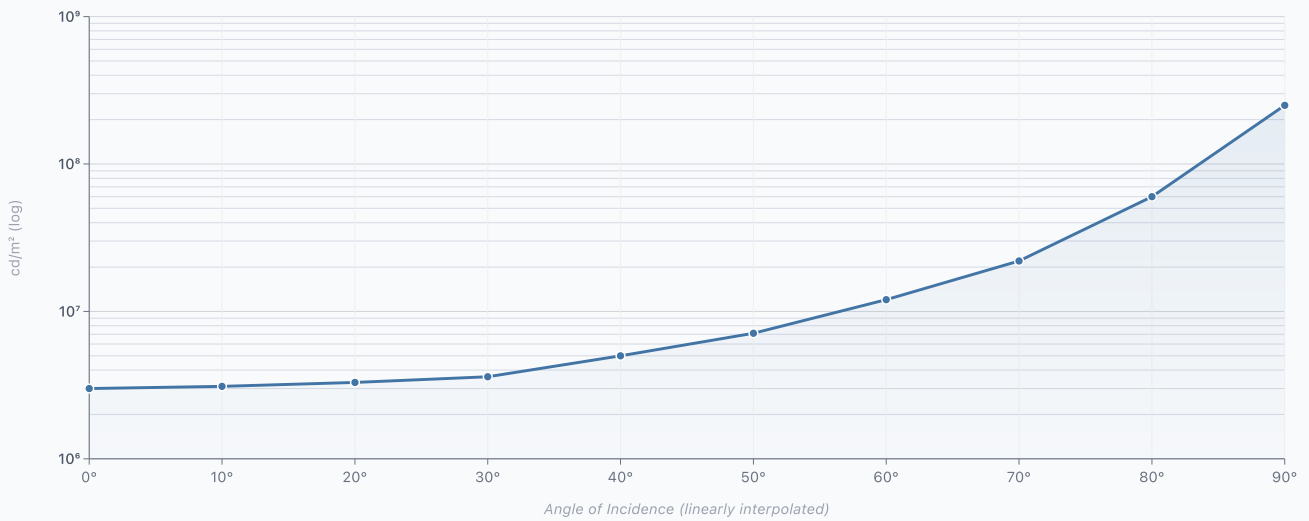
5.4 PV Module Types

A.4 PV Module Types

NAME	MANUFACTURER	MODEL	BEAM SPREAD	USED BY
Standard Modul	Generic	—	7°	PV1, PV2, PV3

i Luminance values (cd/m²) are based on 100,000 lx irradiance on the module surface, independent of incidence angle. Values between support angles are linearly interpolated.

Standard Modul · Beam Spread: 7°



ANGLE OF INCIDENCE	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
Luminance (cd/m ²)	3.0 M	3.1 M	3.3 M	3.6 M	5.0 M	7.1 M	12.0 M	22.0 M	60.0 M	250.0 M

5.5 Simulation Parameters

A.5 Simulation Parameters

The following parameters formed the basis for the calculation of this report. The properties of the PV modules (in particular the material-dependent beam spread) are documented per module type in the appendix.

PARAMETER	VALUE	DESCRIPTION
Time resolution	1 min	Step size of the sun-position calculation over the year.
Sun diameter	0.53°	Assumed apparent angular diameter of the sun.
Minimum sun elevation	0°	Sun positions below this elevation are not evaluated.
Calculation-point grid spacing	0.15°	Angular grid of the calculation points on the PV areas (selected adaptively based on the beam spread).
Time zone	UTC+1	All times in the report are given in standard time (no daylight saving). For daylight saving time, add one hour.
Elevation data	Google Elevation API (default)	Unless overridden manually, terrain elevations are obtained from the Google Elevation API. These values may deviate from reality and should be validated.

Note: All results must be independently validated by qualified experts before use. This report is a software-based preliminary screening and does not constitute an expert opinion.

A.6 Assumptions & Notes

Important notice – Open Beta

This Service is currently provided in an open beta phase. During this period, users may experience errors, calculation inaccuracies, temporary outages, feature changes, or data loss. Results generated by the Service should be independently reviewed and verified before being used for engineering, regulatory, or commercial decisions. Users are responsible for maintaining backups of their data. Liability of the Provider is limited as described in Section 6 of these Terms.

Summary of the assumptions and abstractions underlying the analysis methodology, together with methodological notes. The results of this report are a software-based preliminary screening and expressly do not constitute an expert opinion. They must be independently validated by qualified experts before any use.

- All times associated with glare are given in standard time (without daylight saving); for daylight saving time, add one hour.
- Result files and plots are retained for a limited period after the analysis is completed. If the User requires longer retention, the files must be downloaded and saved by the User.
- The algorithm does not fully represent the detailed geometry of an installation. Details such as gaps between modules, varying heights of the PV area and support structures may affect the actual glare result.
- The algorithm assumes that the PV area lies in a plane defined by the approximate total heights of the corner points. For higher accuracy, additional runs should be performed using the minimum and maximum corner heights to bound the height of the module plane.
- The algorithm only considers natural or man-made obstacles between observation points and the installation (trees, hills, buildings, etc.) insofar as they have been explicitly modelled as an obstacle.
- Glare locations shown on receptor plots are approximate; actual glare-spot locations may differ.
- The beam spread is treated as a regular cone. In practice, its shape changes in a material-dependent manner with the reflection angle. If large deformations are suspected or known for a given surface finish, it is recommended to perform two calculations for a min/max analysis.
- The software assumes an idealised reflection (angle of incidence = angle of reflection). The optical properties of the modules used should be checked beforehand; it must be ensured that the modules follow this behaviour sufficiently (e.g. by comparison with the manufacturer's BRDF measurement data).
- If irregularities or implausible results are suspected, support must be contacted.

A.7 Glossary – Abbreviations and technical terms

TERM	DESCRIPTION
GOK	Ground surface level – height of ground surface above sea level
FOV	Field of View – observer's field of vision (horizontal and vertical opening angle)
Azimut	Horizontal angle, measured clockwise from North (0° = North, 90° = East, 180° = South, 270° = West)
Elevation	Elevation angle above the horizon (0° = horizon, 90° = zenith)
Luminanz	Luminance – light intensity of the reflection, measured in candela per square meter (cd/m^2)
Cross Tilt	Tilt of modules along the table axis (perpendicular to main tilt). Changes the effective azimuth and effective tilt of the module surface.
Beam Spread	Scatter angle of reflected light at the module surface. Together with the sun diameter, determines the hit threshold in glare calculation.