PROJECT PRESENTATION

Corporate Office Lighting design and DIALux check

Lighting design for a full office floor · 20 rooms calculated · 2026

Jainsons Lights · since 1978



Design visual

OVERVIEW

The project at a glance

Project card

CLIENT	A corporate office (name kept confidential)
LOCATION	Confidential
SCOPE	Lighting design and a DIALux check for a full office floor: private cabins, an open workspace, meeting rooms, reception, washrooms and staircases
YEAR	2026 (calculation report, March 2026)
STATUS	Full report issued to the client for sign-off and ordering
WE STARTED FROM	The client's office fit-out and their brief

20 rooms
Each calculated on its own working plane

About 430 m²
Total floor area of the calculated rooms

300 lx
Target average on every working plane

313–1,164 lx
Calculated averages, every room except the stairs

2.72–2.80 m
Clear ceiling height

0.80
Maintenance factor, so results allow for dirt and ageing

The design
The brief, our approach and how we set up the calculation (pages 3–6)

The results
Room by room: light on the desk and how even it is (pages 7–10)

THE DESIGN

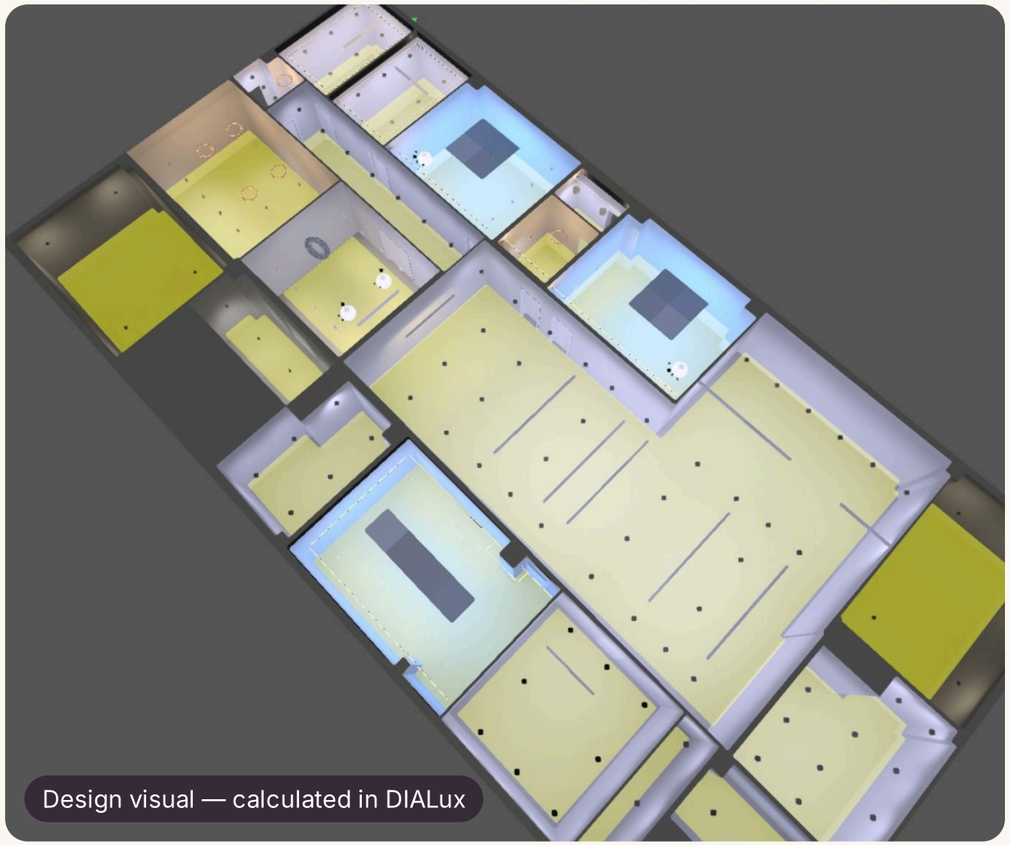
The brief: light that suits each room

The client came to us with their office fit-out and a clear request: lighting that does justice to the architecture and gives proper, comfortable light for daily desk work across the whole floor.

They did not want a list of fittings handed over. They asked us to suggest the design, room by room, to suit each space and the way it is used.

THE ROOMS ON THE FLOOR

- Private cabins
- Open workspace
- Meeting rooms
- Reception
- Washrooms
- Staircases



The whole floor in our DIALux model, seen from above with the ceiling removed.

THE DESIGN

How we approached it

1 Room by room

We modelled every room of the floor in DIALux and looked at how each one is used.

2 The right light for each use

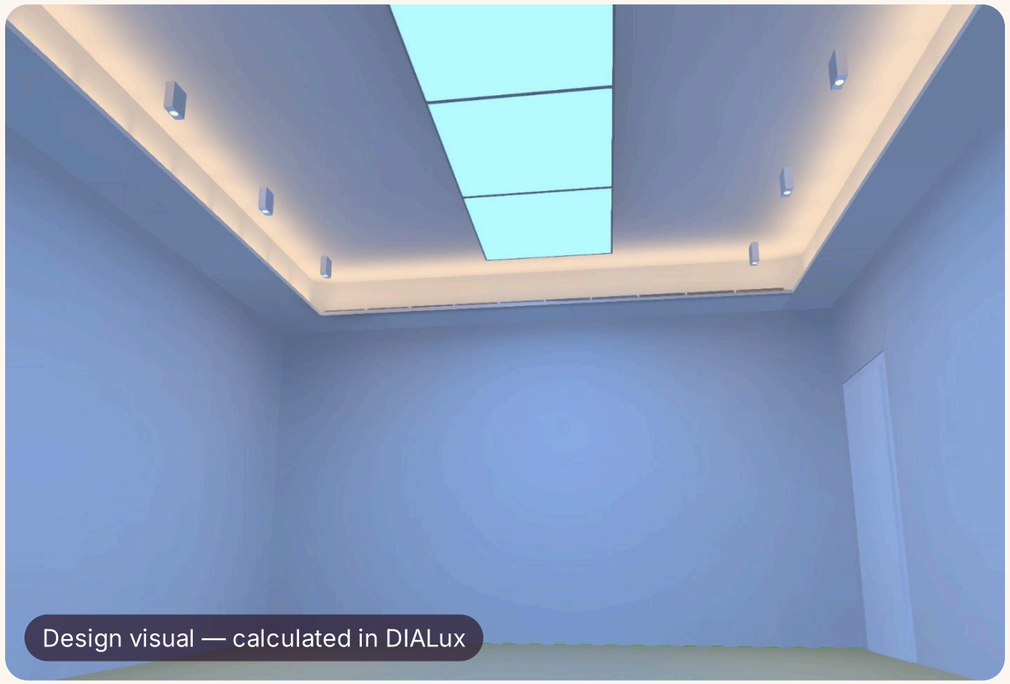
Recessed downlights and warm linear cove light where people work. Architectural pendants and feature lights for the reception and cabins. Magnetic-track spots where flexibility matters. Calmer light for circulation.

3 Calculated on the desk

We calculated the light on a working plane at desk height in every room.

4 Adjusted, then issued

We adjusted spacing and layout until every work room met its light target, then issued the full report to the client for sign-off.



Room 14 in our DIALux model: warm cove light round the ceiling edge, a large square light panel and accent spots.

> Every number in this presentation comes from that calculation report, dated March 2026.

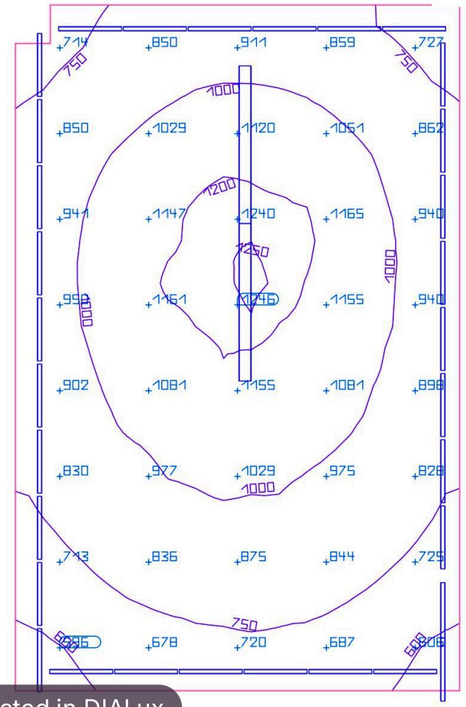
THE DESIGN

Calculated, not guessed

Calculation settings

LIGHT TARGET	An average of at least 300 lx on every working plane (DIALux office profile)
WORKING PLANE	Desk height, 0.70–0.76 m, in the work rooms. Floor level in Room 14, 0.50 m on the stairs.
ROOM SURFACES	Reflectance: ceiling 70 %, walls 50 %, floor 20 %
MAINTENANCE FACTOR	0.80, so the results allow for dirt and ageing over time
CEILING	2.72–2.80 m clear height

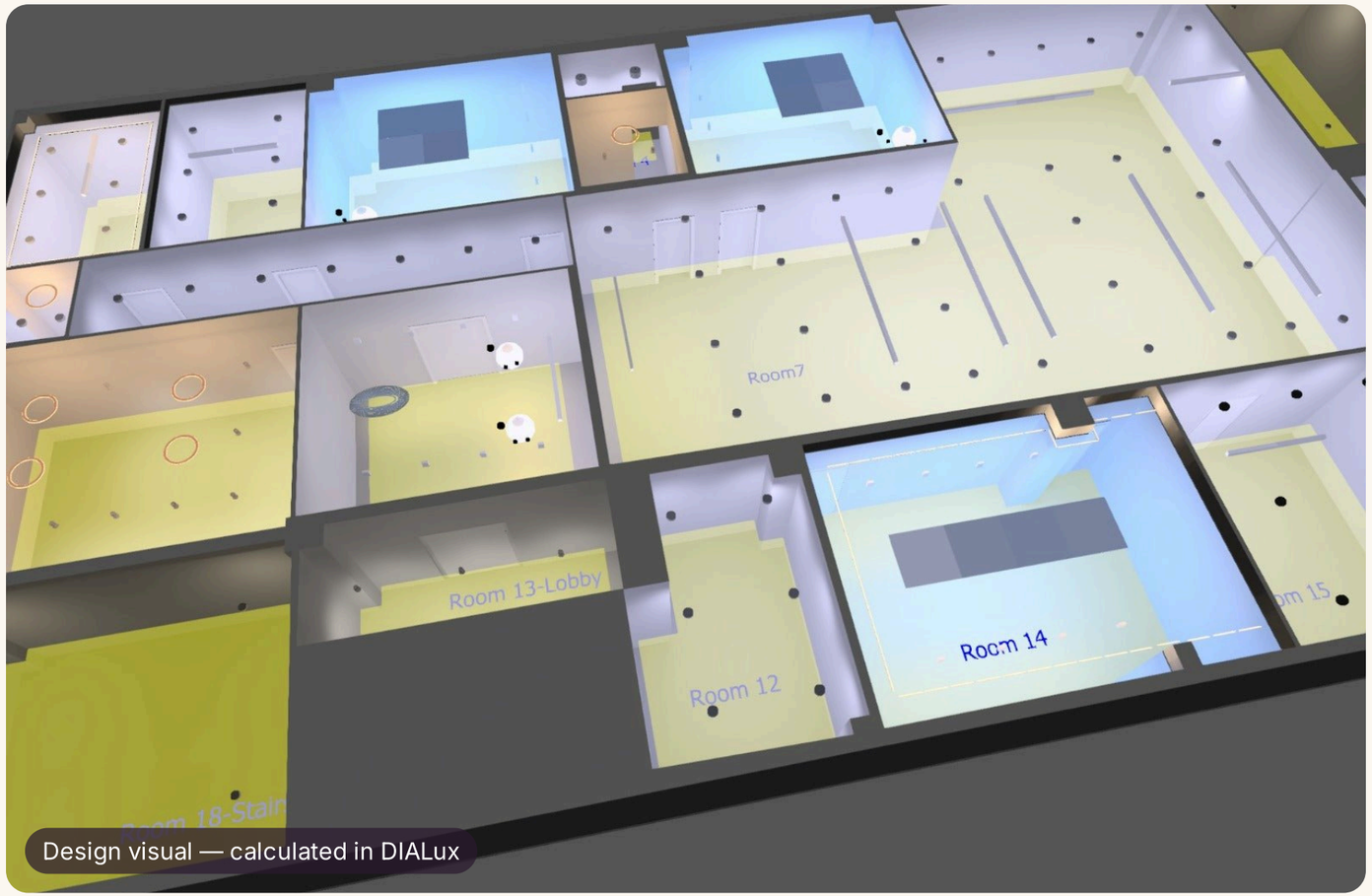
Em = average light on the plane · Emin = the lowest point · Uo = Emin ÷ Em, how even the light is (1.0 = perfectly even)



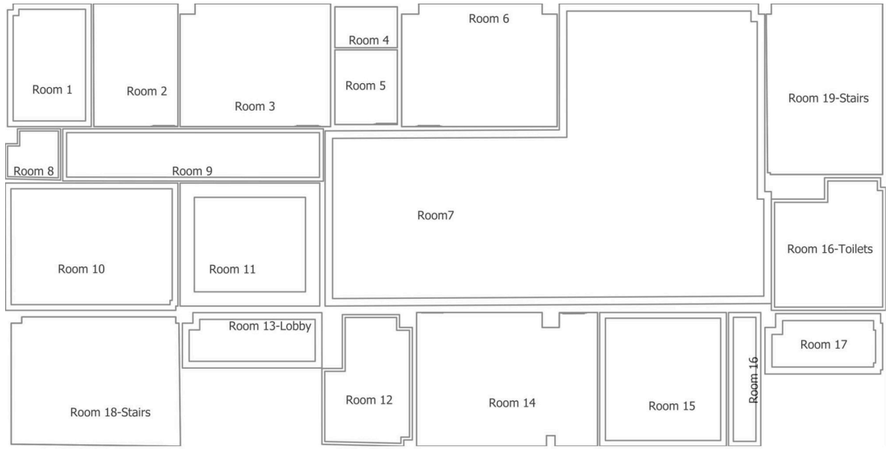
Room 1, calculated light at desk height. Each line joins points of equal light (lux); the small numbers are lux at grid points. Average 922 lx against a 300 lx target.

THE DESIGN

The whole floor, room by room



Our DIALux model of the floor, ceiling removed.

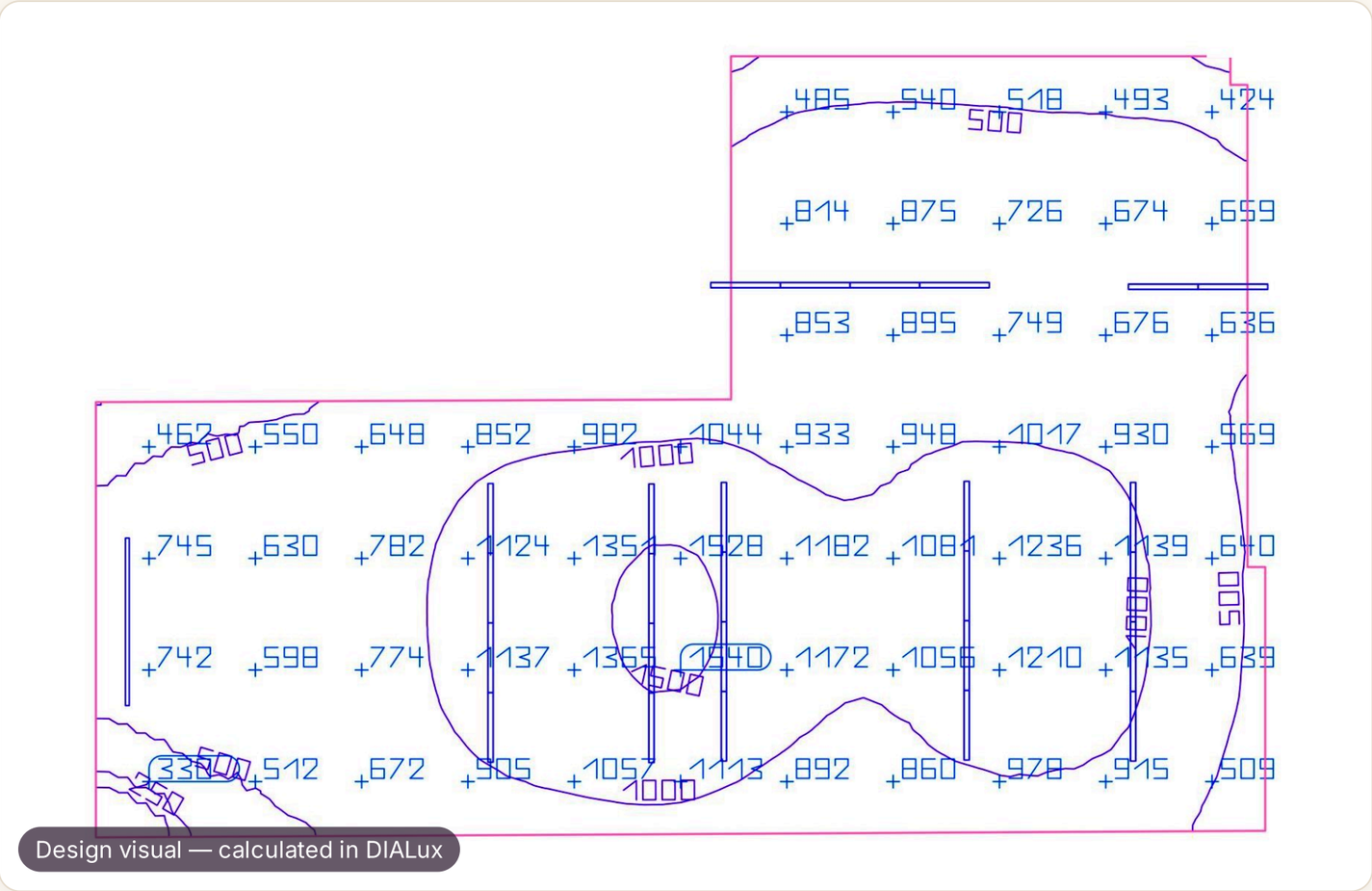


Room key from the DIALux model. Rooms are numbered as in the calculation report.

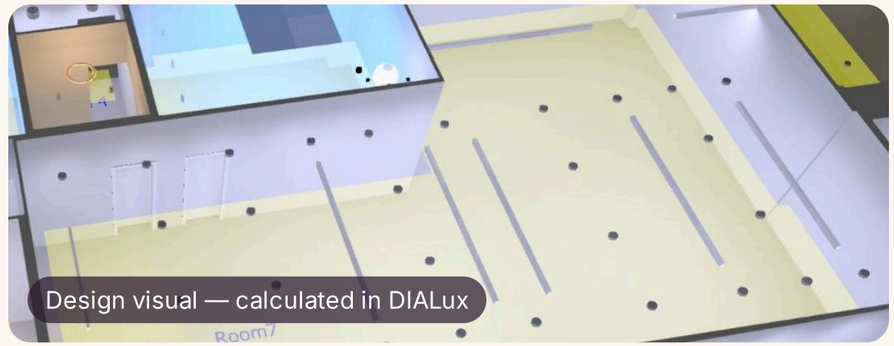
- Room 7 is the open workspace, about 127 m², the largest room on the floor.
- Room 13 is the reception lobby.
- Rooms 18 and 19 are the two staircases. Room 16-Toilets holds the washrooms.

THE RESULTS

The open workspace



Room 7, calculated light at desk height (0.76 m). Lines join points of equal light, in lux.



The open workspace is the largest room, at about 127 m². Rows of recessed linear light run across the middle of the room, with downlights between them.

The 1,000 lx line encloses the middle of the room, where the rows run. Near the walls the grid points sit mostly between about 420 and 750 lx.

860 lx
average, target 300 lx

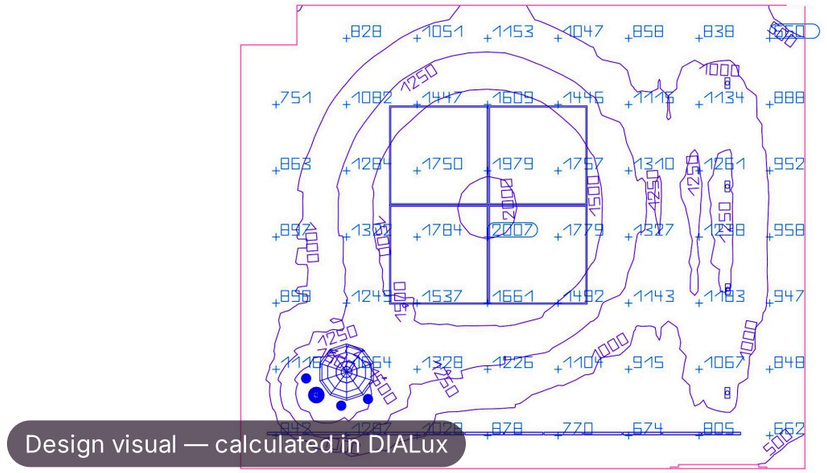
163 lx
lowest point

0.19
evenness, Uo

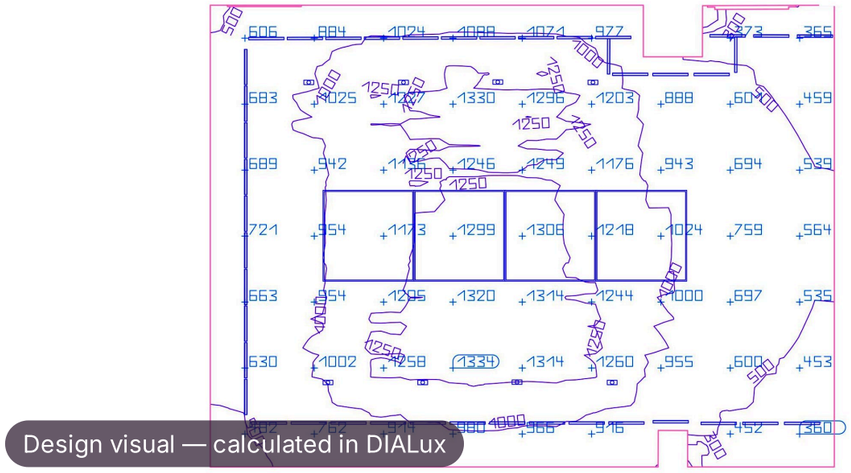
THE RESULTS

The larger rooms: layered light

Rooms 3, 6 and 14 have the richest mix of light: warm cove light round the ceiling, large square light panels and magnetic-track spots. Rooms 3 and 6 add small accent spots and globe pendant light.



Room 3 at desk height (0.70 m): brightest under the square light panels.



Room 14 at floor level: 1,000–1,250 lx under and around the panels, softer towards the walls.

Room 3
1,164 lx average · lowest 406 lx · 22.60 m²

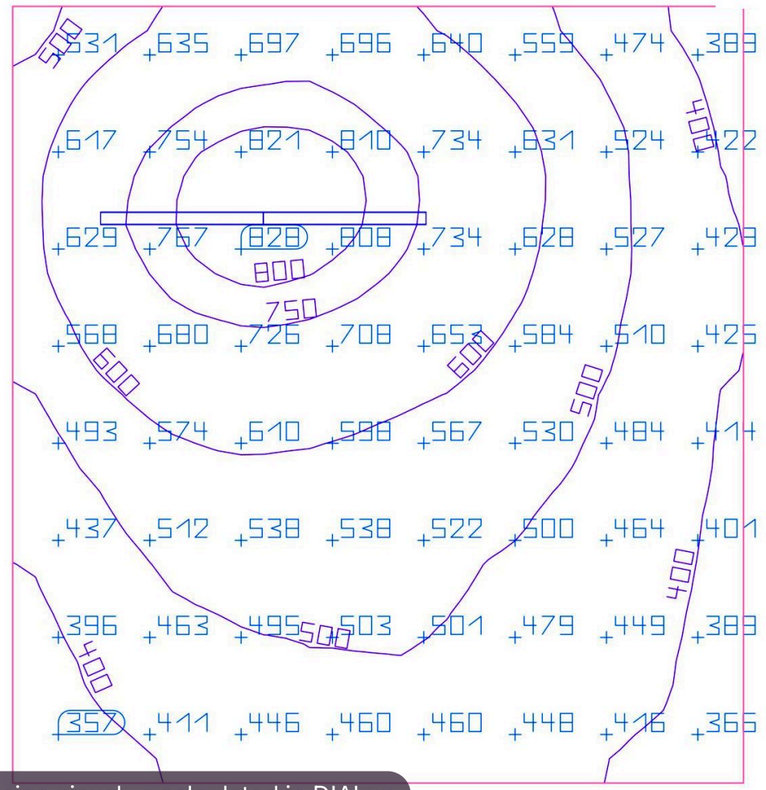
Room 6
1,156 lx average · lowest 352 lx · 23.13 m²

Room 14
916 lx average · lowest 148 lx · 29.34 m²

Calculated averages; target 300 lx.

THE RESULTS

Cabins, reception and smaller rooms



Design visual — calculated in DIALux

Room 15 at desk height: brightest round the linear light in the middle, about 400–500 lx towards the walls.

Calculated averages at desk height; target 300 lx.

Rooms 1 and 2

Warm 3000 K cove light round the ceiling edge, with recessed linear light.

922 lx and 768 lx average

Rooms 5 and 10

Downlights with very high colour rendering (CRI 98) and flat pendant light; cove light in Room 5.

565 lx and 549 lx average

Room 11

Feature and globe pendants, recessed linear light, magnetic-track spots and small accent spots.

699 lx average

Reception lobby (Room 13)

Downlights with very high colour rendering (CRI 98).

453 lx average

Room 15

Recessed linear light.

551 lx average

Rooms 4 and 8

Cove light in Room 4; flat pendant light in Room 8.

535 lx and 565 lx average

THE RESULTS

Every room, calculated

Room	Area (m²)	Average (lx)	Lowest (lx)	Uo	300 lx
Room 1	12.64	922	536	0.58	✓
Room 2	12.76	768	342	0.45	✓
Room 3	22.60	1,164	406	0.35	✓
Room 4	3.14	535	395	0.74	✓
Room 5	5.74	565	143	0.25	✓
Room 6	23.13	1,156	352	0.30	✓
Room 7 · open workspace	127.25	860	163	0.19	✓
Room 8	3.22	565	416	0.74	✓
Room 9	16.77	371	243	0.65	✓
Room 10	27.02	549	116	0.21	✓

Room	Area (m²)	Average (lx)	Lowest (lx)	Uo	300 lx
Room 11	21.14	699	205	0.29	✓
Room 12	12.92	394	234	0.59	✓
Room 13 · reception lobby	9.37	453	162	0.36	✓
Room 14	29.34	916	148	0.16	✓
Room 15	20.84	551	322	0.58	✓
Room 16	5.31	313	258	0.82	✓
Room 16 · washrooms	17.23	600	295	0.49	✓
Room 17	8.53	315	213	0.68	✓
Room 18 · stairs	26.48	39	24	0.61	—
Room 19 · stairs	24.26	42	28	0.66	—

Calculated in DIALux with a maintenance factor of 0.80, at desk height (Room 14 at floor level, the stairs at 0.50 m). The stairs were kept deliberately calmer than the work rooms, so they are not marked against the 300 lx desk target.

NEXT STEP

What we delivered

- ✓ **A DIALux model of the whole floor, room by room**
- ✓ **A lighting layout plan for every room**
- ✓ **Lux maps for every working plane**
- ✓ **Data sheets for every light specified**
- ✓ **One report the client could sign off and order from**

Planning an office or workspace?

Send us your floor plan or AutoCAD drawing and your ceiling height on WhatsApp. Our team will help you with the lighting design and check it in DIALux, room by room.

Message us on WhatsApp

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