

PROFILE

Dipl.-Ing. (FH) **Architect & Building Biologist (IBN)**
Creative office for healthy living spaces since 2011

Our message: A healthy working & living environment contributes significantly to our vitality, increases our productivity & improves our daily quality of life

Our philosophy: The importance of the invisible

Our design principle: The beauty of the simple

WHAT WE OFFER

- **Building biology advice, planning & execution** of all construction & furnishing-related processes
incl. Certification by the Association of German Building Biologists
- **Product advice** under the criteria: **healthy, ecological, recyclable, sustainable**
- **Corporate interior** for companies: workplaces that **create identity & encourage creativity**
- **Design strategies**
- **Acoustics concepts**

CONTACT

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VDB Zert: Certificate from the Association of German Building Biologist

Overview of the test criteria for healthy living from various certification labels

	Formaldehyd [µg/m³]	TVOC [µg/m³]	Weichmacher [µg/m³]	Biozide [µg/m³]	Flamm- schutzmittel [µg/m³]	Richtwerte UBA (Umweltbundesamt)	Konservier- ungsmittel [µg/m³]	Realer Luftwechsel [n/h]	Elektr.&magn. Wechselfelder [V/m bzw. µT]	Schimmel- pilze	Radon [Bq/m³]
VDB-ZERT	✓ Stufe 1: < 30 Stufe 2: < 60 Stufe 3: > 60	✓ Stufe 1: < 300 Stufe 2: < 1.000 Stufe 3: > 1.000	✓ Stufe 1: < 0,5 Stufe 2: < 1 Stufe 3: > 1	✓ Stufe 1: < 0,05 Stufe 2: < 0,1 Stufe 3: > 0,1 Ausschluss- kriterium	✓ Stufe 1: < 0,1 Stufe 2: < 1 Stufe 3: > 1	✓	✓ Stufe 1: < 1 Stufe 2: < 2 Stufe 3: > 2	✓ Stufe 1: < 0,4 Stufe 2: < 0,2 Stufe 3: Festsperkung	✓ Stufe 1: < 2V/m bez. < 0,05µT Stufe 2: < 5V/m bez. < 0,1µT Stufe 3: > 5V/m bez. > 0,1µT	✓	✓ Stufe 1: < 50 Stufe 2: < 100 Stufe 3: > 100 >200 Ausschlusskriterium
Sentinel Haus	✓ < 60	✓ < 1.000				✓					
TÜV Tox Proof	✓ < 60	✓ < 1.000				✓					
Wohnmedizinisch empfohlen	✓ < 30	✓ Stufe 1: < 300 Stufe 2: < 1.000									
BNK	✓ Stufe 1: < 30 Stufe 2: < 60 Stufe 3: < 124	✓ Stufe 1: < 300 Stufe 2: < 1.000 Stufe 3: < 3.000				✓					
BNB	✓ Stufe 1: < 30 Stufe 2: < 60 Stufe 3: < 100 > 100 Ausschlusskriterium	✓ Stufe 1: < 300 Stufe 2: < 1.000 Stufe 3: < 3.000 > 3.000 Ausschlusskriterium				✓					
DGNB	✓ Stufe 1: < 30 Stufe 2: < 100 Stufe 3: > 100	✓ Stufe 1: < 300 Stufe 2: < 1.000 Stufe 3: > 3.000				✓					
Minergie-Eco	✓ < 60 Ausschlusskriterium	✓ > 1.000 Ausschlusskriterium							✓ < 40 V/m u. < 0,4µT		✓ < 100

RETHINK TOGETHER & BREAK NEW GROUND

LIGHT PLANNING BASED ON NATURE

STATUS QUO

Ethics - the new economic asset

The construction sector consumes 50% of raw materials and generates 60% of waste
The energy and automotive sectors have shown us that the environmental debate is leading to new laws faster than expected
A **paradigm shift** in construction is the next logical step

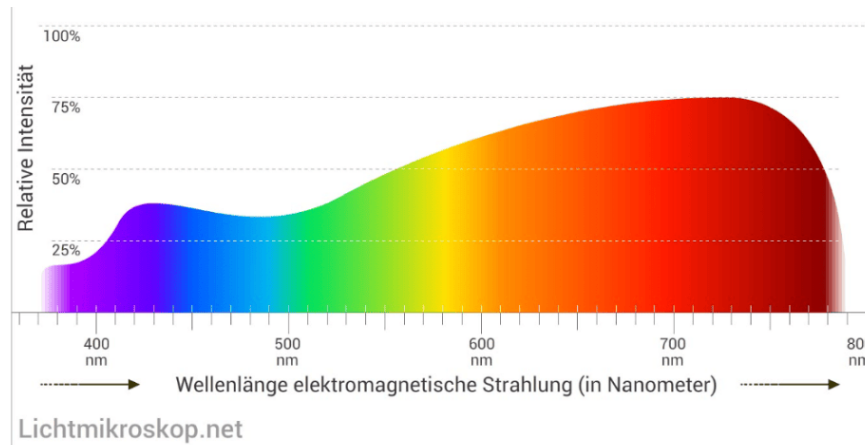
WHAT IS INNOVATION?

Healthy, ecological, sustainable living and working spaces - **the lifestyle of tomorrow**
Extensive CO2 neutrality in **production, use** and **dismantling**
High-tech & aesthetics in harmony with **health**
Pollutant-free materials that can actually be returned to the **ecological** cycle
The building is a **material depot**, instead of later disposal costs, value retention arises
Sustainable buildings for future laws - **the unique selling point**

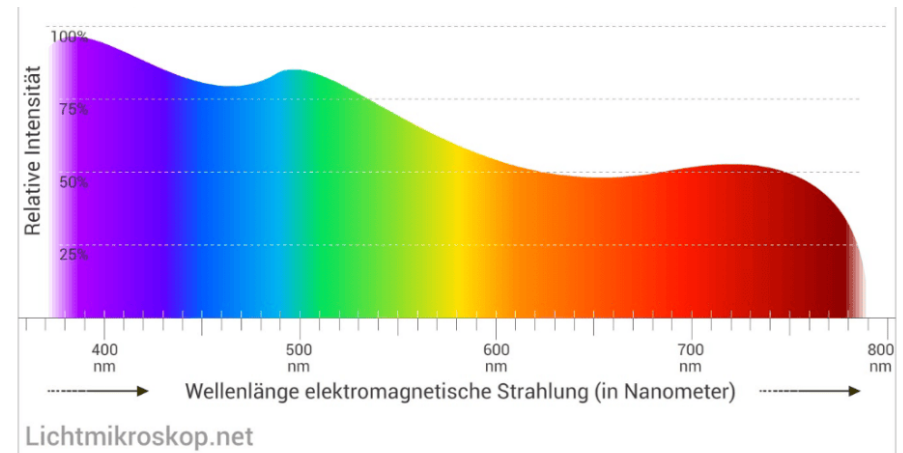
WHAT IS HEALTHY?

Healthy indoor air quality according to VDB cert
Reduction of the electromagnetic pollution
balanced room acoustics
Sunlight combined with healthy, artificial light!

THE COURSE OF THE DAY

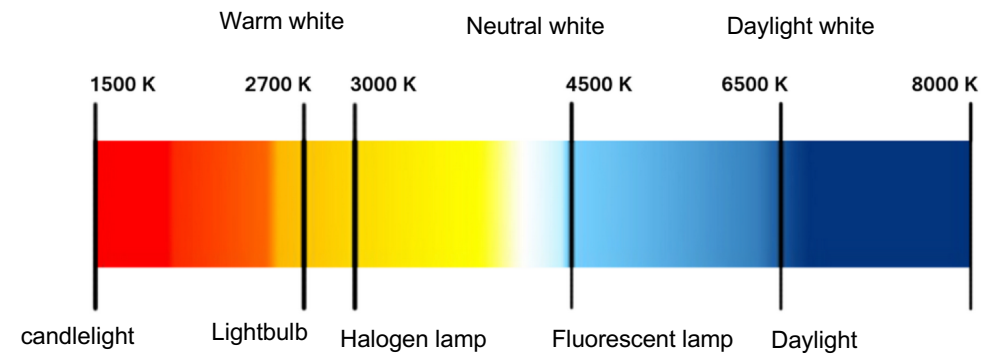
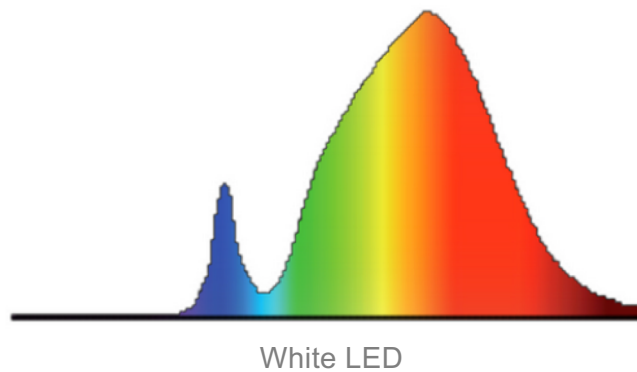
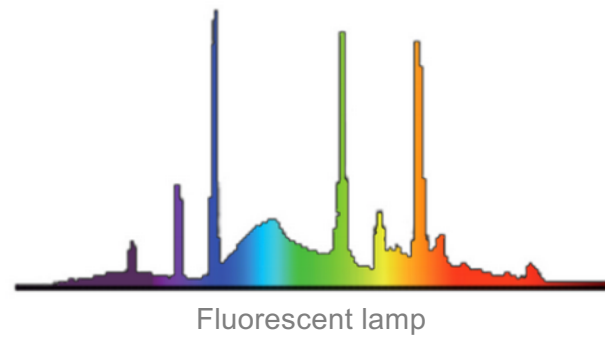


Light spectrum daylight **morning/evening**



Light spectrum daylight **at noon**

THE COLOUR SPECTRUM FROM ARTIFICIAL LIGHT



THE WORKPLACE



THE BEDROOM



STEFANIE JÖRGENS
Gesunde Lebensräume

THANK YOU FOR YOUR ATTENTION