HCL - Consequences on Lighting Design

Prof. Dipl.-Ing. Andreas Schulz

Licht Kunst Licht AG  Bonn | Berlin
www.lichtkunstlicht.com
Detailschnitt durch Oberlicht
1. Glas
2. Sonnenschutz/Verdunkelung
3. LED Grundbeleuchtung
4. Spannfolie
5. Akzentbeleuchtung

Detail section of skylight
1. Glass
2. Sunscreen/black-out screen
3. LED basic illumination
4. Stretch foil
5. Accent lighting
Starker Sonnenschein =
100% geschlossene Verblendung
100% LED Kunstlicht im Ausstellungsraum

Sonnenschein =
60% geschlossene Verblendung
leichtes Tageslicht im Ausstellungsraum

Bewölkter =
30% geschlossene Verblendung
leichtes Tageslicht im Ausstellungsraum

Stark bewölkter =
offene Verblendung
schwaches Tageslicht ergänzt um LED Kunstlicht im Ausstellungsraum

Strong sunlight =
100% Closed black-out layer
100% LED lighting in the exhibition space

Moderate Sunlight =
60% Light transmission shades
Daylight in the exhibition space

Cloudy sky =
30% Light transmission shades
Daylight in the exhibition space

Overcast sky =
Open shades
Daylight supplemented by LED lighting in the exhibition space
The Power of LIGHT
2016 Global Membership

1317 Members in 57 Countries
IALD Regions

- USA
- Canada
- Mexico
- UK
- Europe
- Greater China
- Japan
- India
- Southeast Asia
- Australia/New Zealand
IALD Europe Activities

2014
- Lights in Alingsas, Sweden
- Light in Film, Athens
- Chase the Dark: Barcelona, Copia, Milan
- Light + Building, Frankfurt
- IALD Enlighten Europe Conference, Berlin

2015
- Lights in Alingsas, Sweden
- Euroluce, Milan
- Panel Discussion, Istanbul
- Light Conversation (Pfarré), Athens
- First IALD Europe event in Sweden (Bredel) – Stockholm
- Light Conversation (Pfarré), Munich
- CLD Presentation (Becker), Milan
- Chase the Dark: Athens, Barcelona, Brussels, Venice, Milan, Stockholm

2016
- International Lighting Design Seminar, Monte da Caparica
- Let’s Meet Again! Conversation w/IALD Europe, Stockholm
- CLD Presentation, Stockholm
- Let’s Meet in Oslo!, Oslo
- Meeting of Dutch LDs, Amsterdam Light Festival, Utrecht
- Light Conversation, Zurich
- Light Conversation (Narboni, Gallego), Paris
- Tava Architectural Lighting + Light Art Festival, Estonia
- Lights in Alingsas, Sweden
- Light + Building, Frankfurt
- IALD Enlighten Europe Conference, Prague
The EU - which impact on lighting designers?

Freedom of movement: right to settle down and practice anywhere within the EU

Binding regulation: influence designer toolbox and project requirements

Ex: eco-design & energy labelling of products, energy efficiency of buildings
Messages to EU policymakers

1. Lighting Quality and Energy Efficiency
Regulations should take both energy efficiency and lighting quality into account, not favor one over the other.

2. Lighting Designer fees
All projects should include a lighting designer because of the relative low cost of having a lighting designer involved compared to the benefits: energy savings, improved health and well being, task efficiency, brand identity, desired atmosphere, customer attraction
Messages to EU policymakers

3. Proportionality of EU regulation
It’s important that lighting products are not taking all the regulatory burden when they represent approx. 14% of electricity consumption in the EU.

4. Technology bans
Banning certain types of products has an impact on EU industrial policy and job creation within the EU. New versions of certain lighting technologies which have been banned can still be very energy efficient.
Recent publications

• IALD White Paper on Lighting Design for Health, Wellbeing and Quality of Light

• Joint paper on Human Centric Lighting with Lighting Europe

• IALD survey on Lighting designer fees
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