

# 1/3 of your life is spent at work

#### The average person spends:

- 90 000 hours at work over their lifetime
- 5 hours and 41 minutes per day sitting at their desk

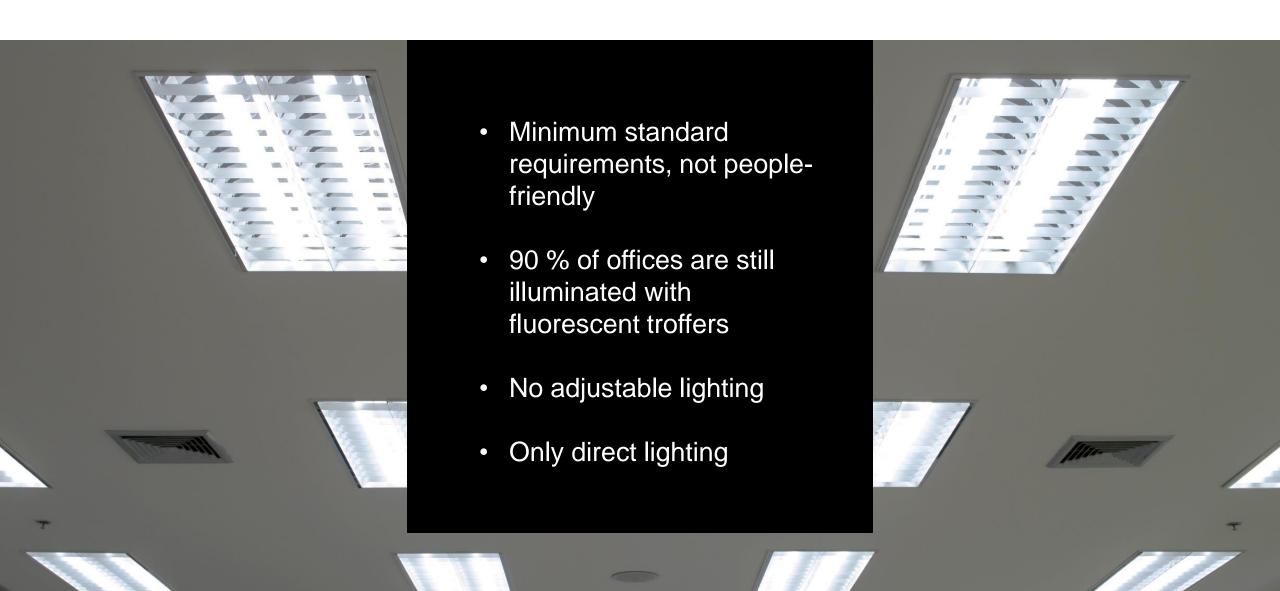


#### **Employees want better office lighting**

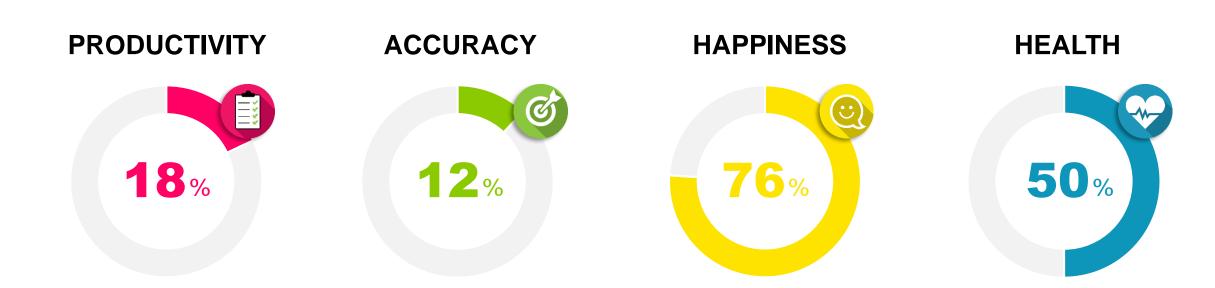
- The general sense of wellbeing in the office is the main rating criterion for a good workplace
- Light is the most important criterion for an ideal office workplace
- A third of professionals dislike their office illumination



### Are you happy with this?



# Results of installing 'human-centric' lighting



CASE: CBRE headquarters in Amsterdam / Effects of installing human-centric lighting

#### What do office workers prefer?

- Combined direct / indirect lighting (82 %)
- Individual lighting control
- Brighter workstations 800 lux or higher
- Warmer tones in smaller offices (4000 K) and cooler tones in bigger offices (5000 K)



## Allowed by new technologies

LED | Controls | Smart lighting | Human-centric lighting

## **Enabled by LEDiL!**

Design | Efficiency | Minituarization | Tunable white support





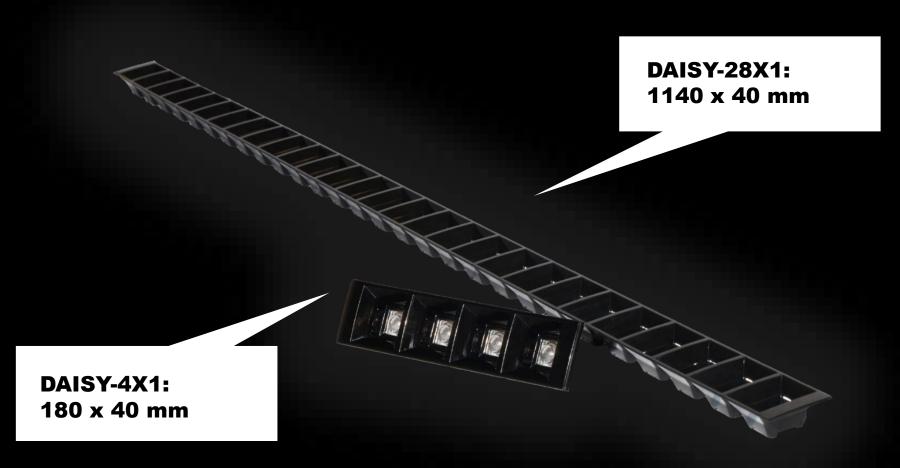


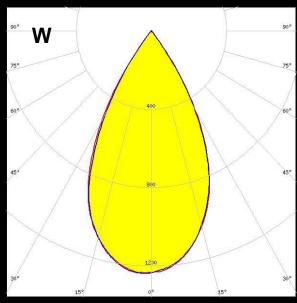
## **DAISY facts**

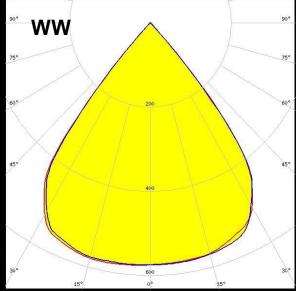
Mid-power: LEDs

UGR: <19

High efficiency: >85 %







### Luminaire examples with DAISY



## Office lighting examples





Most common office lighting installation scene

Recessed / surface mounted luminares in fixed distance troffer grid

Installation is simple, practical and efficient, but using only direct light can leave the ceiling and walls less bright, which is not recommended. In this case large windows and day-light integration helps to keep the room bright.

No separate task light means the worker has to adapt to rooms lighting levels.







Most recommended practice

Brighter and airy atmosphere because of suspended luminaires with a mix of indirect uplight and direct down light

Low glare (UGR <19) because of good ambient ceiling lighting above task area.

High level of illuminance on the desks







Illumination with suspended luminaire with uplight and direct downlight, as well as a linear wall-grazer

Highlighting of wall and ceiling make the room bright and pleasant while creating contrast and more dimension

The downlight luminaire ensures enough light on the desk work plane

Use of indirect light and discreet direct light makes the space virtually glare free





The reception should make an impression on the visitor, and therefore theatrical contrasts are welcome

The surrounding area is quite dim guiding the visitor to the highlighted reception desk

Wall surfaces are brightly and discreetly illuminated from the top to increase brightness of the space without ruining the ambience







Surface mounted 4 ft fixture

With DAISY-28X1-WW



# Square recessed downlight fixture

With MOLLY-W



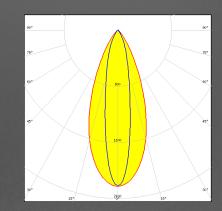
# Downlight wall washer fixture

With RONDA-WAS



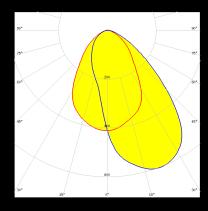
# Linear wall grazer fixture

With VANESSA-O



## Desk luminaire

With RITA-A-RZ





## Are you ready for the change?

