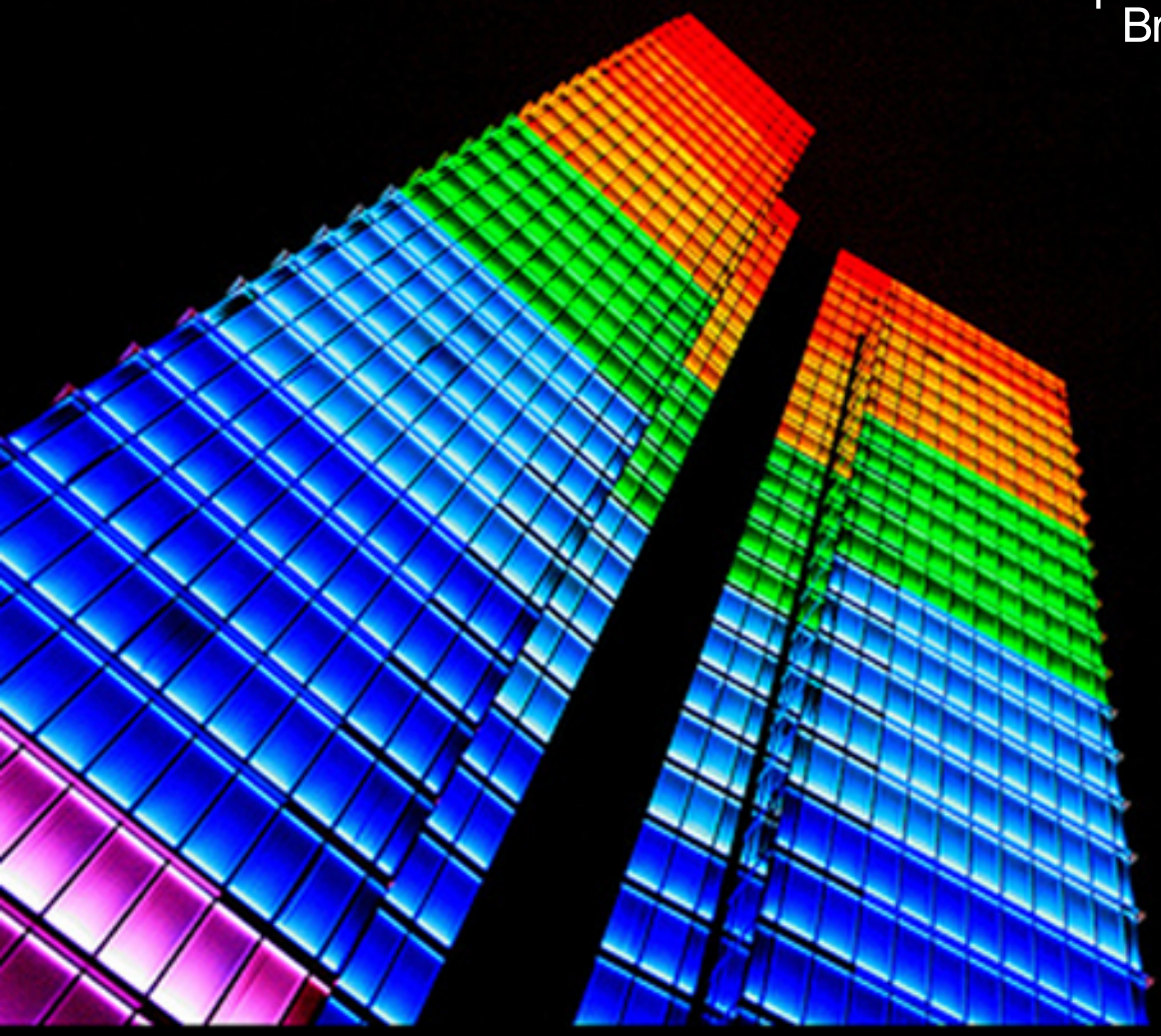
weather.tower

permanent illumination
Brussels Dexia Tower

LAb[au] 2007

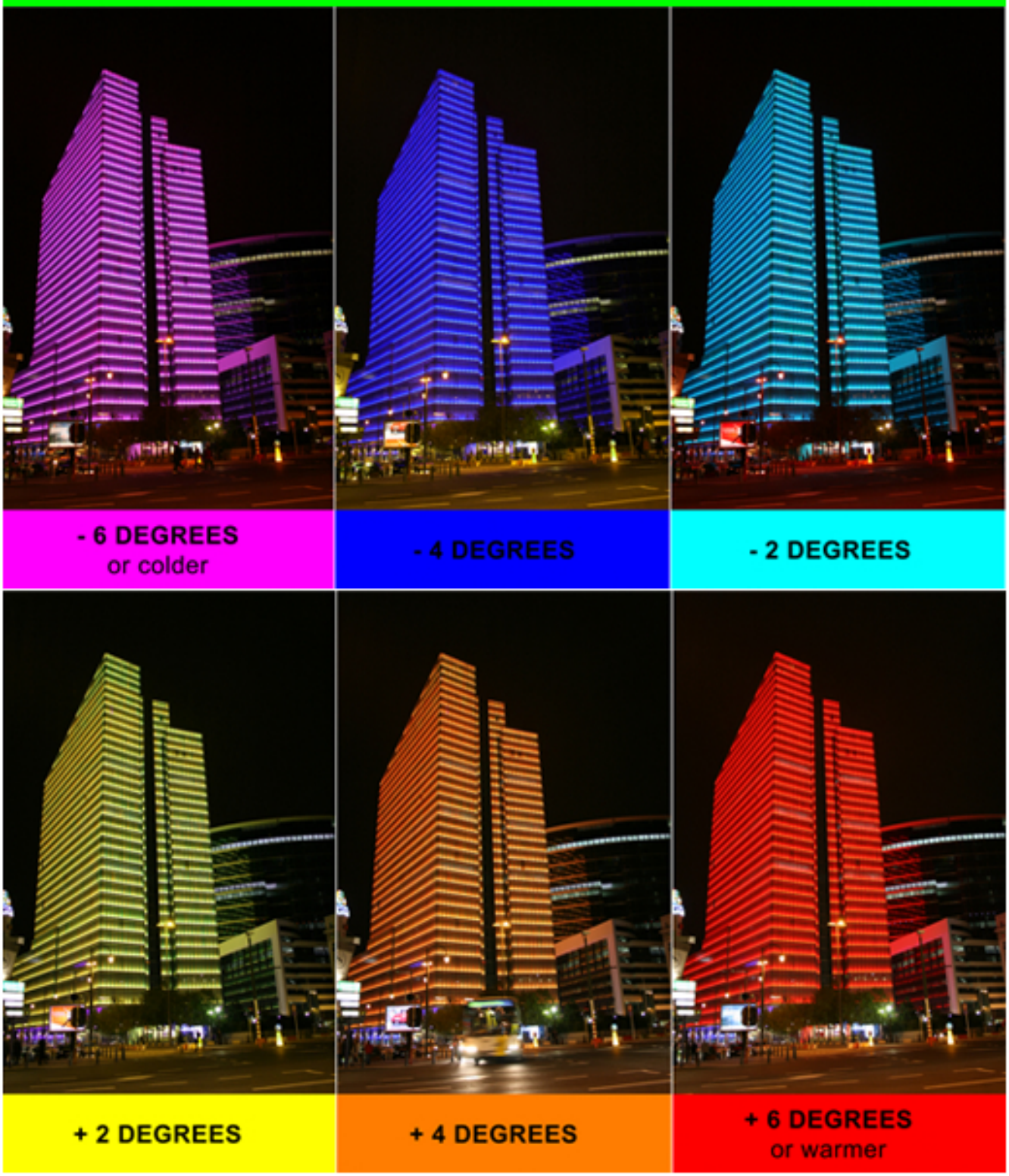


- 6	- 4	- 2	monthly average	+2	+ 4	+ 6

weather.tower colour code

colour = temperature

according to the monthly average



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project edition: who's_afraid_of_RGB

Year of conception: 2007
Displayed from: 22.10.2007 - 15.12.2008

Commissioner: Dexia
Artists: LAb[au]

About:

The project takes as starting point Brussels' 145 m high Dexia Tower, from which 4200 windows can be individually color-enlightened by RGB-led bars. For the next months the weather.tower project, part of the series who's_afraid_of_RGB, will forecast tomorrow's weather for Brussels, in collaboration with the Royal Meteorological Institute of Belgium.

The project displays tomorrow's temperature, cloudiness, precipitations, and wind, by using colors and geometrical patterns to visualize/transcribe these real-time provided data by the RMI.

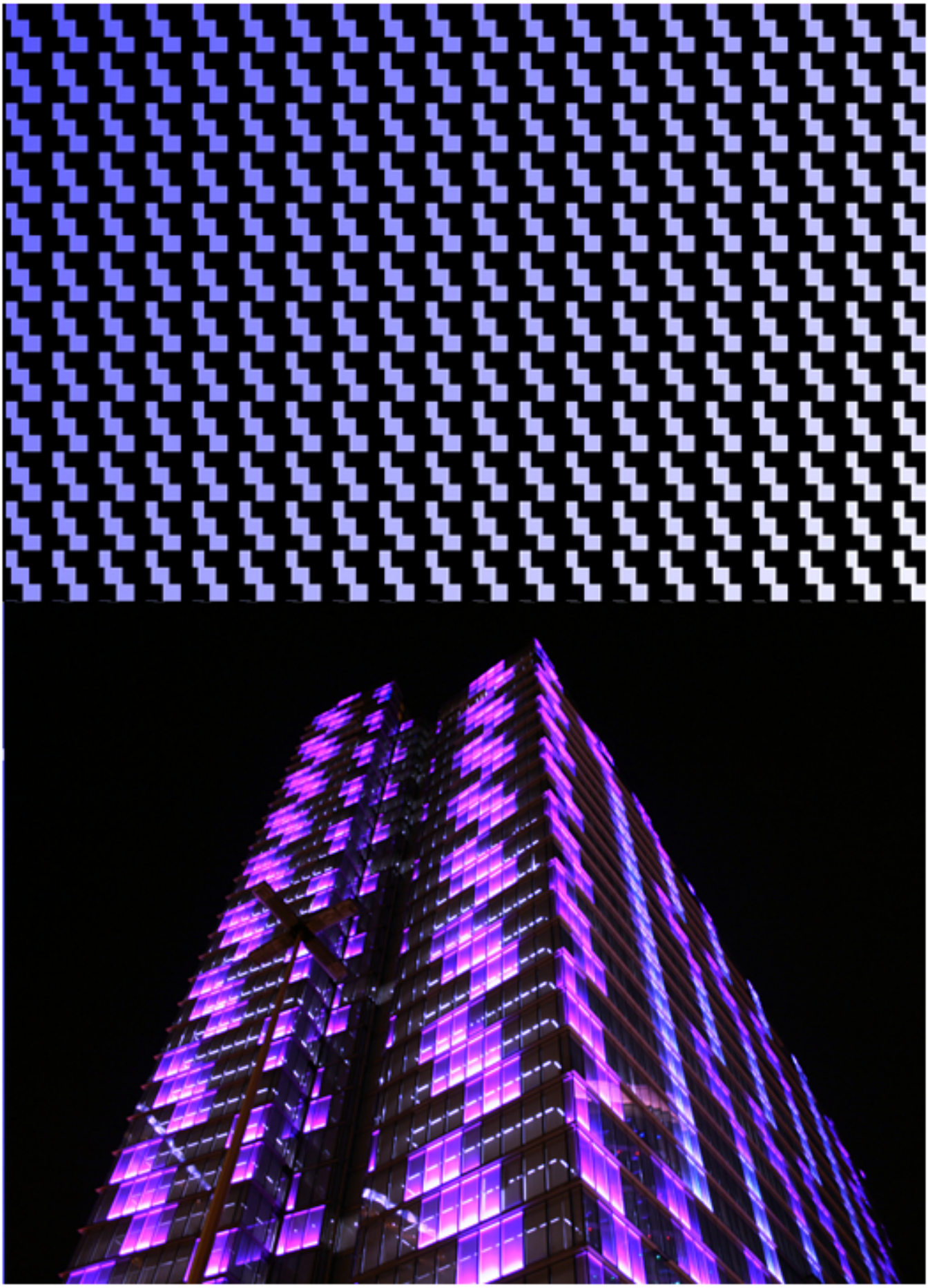
A color-code corresponds to tomorrow's temperature compared to the monthly average, linked to a scale of color-temperatures ranging from violet (-6° or colder), blue (-4°), cyan (-2°), green (monthly average), yellow (+2°), orange (+4°) to red (+6° or warmer):

For example: When tomorrow's temperature is two degrees higher than the monthly average, the tower colors 'yellow'. Furthermore, the level (dark / light) of this color corresponds to the light-condition of the sky of the upcoming day.

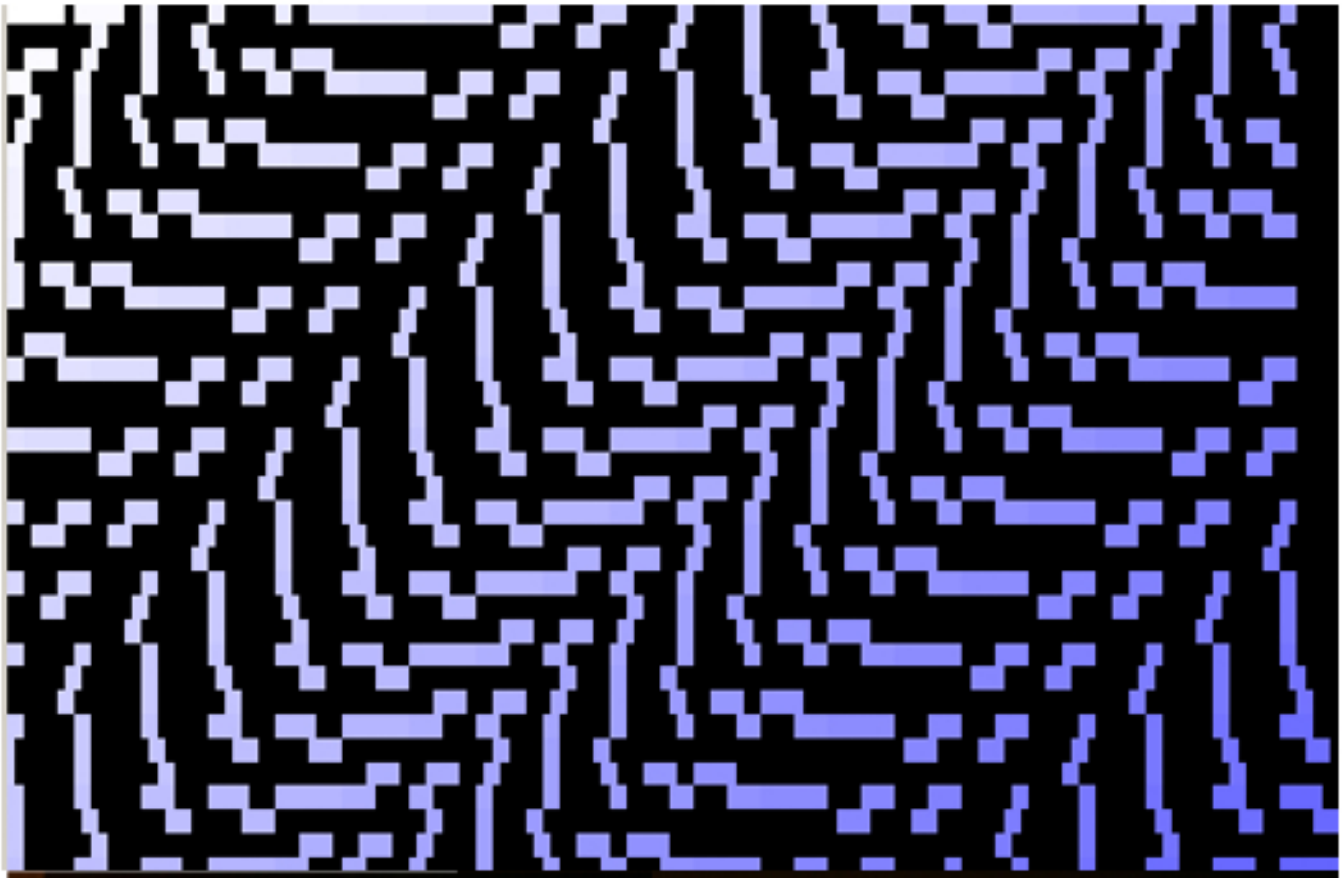
Geometrical patterns derived out of vector-field, constituted of small lines which constantly re-orient causes patterns and symbols to appear. These patterns are visualizing tomorrow's cloudiness, showers (rain, snow, ice …) and wind. In between the different patterns the vectors align to horizontal or vertical lines forming transitions between the different patterns.

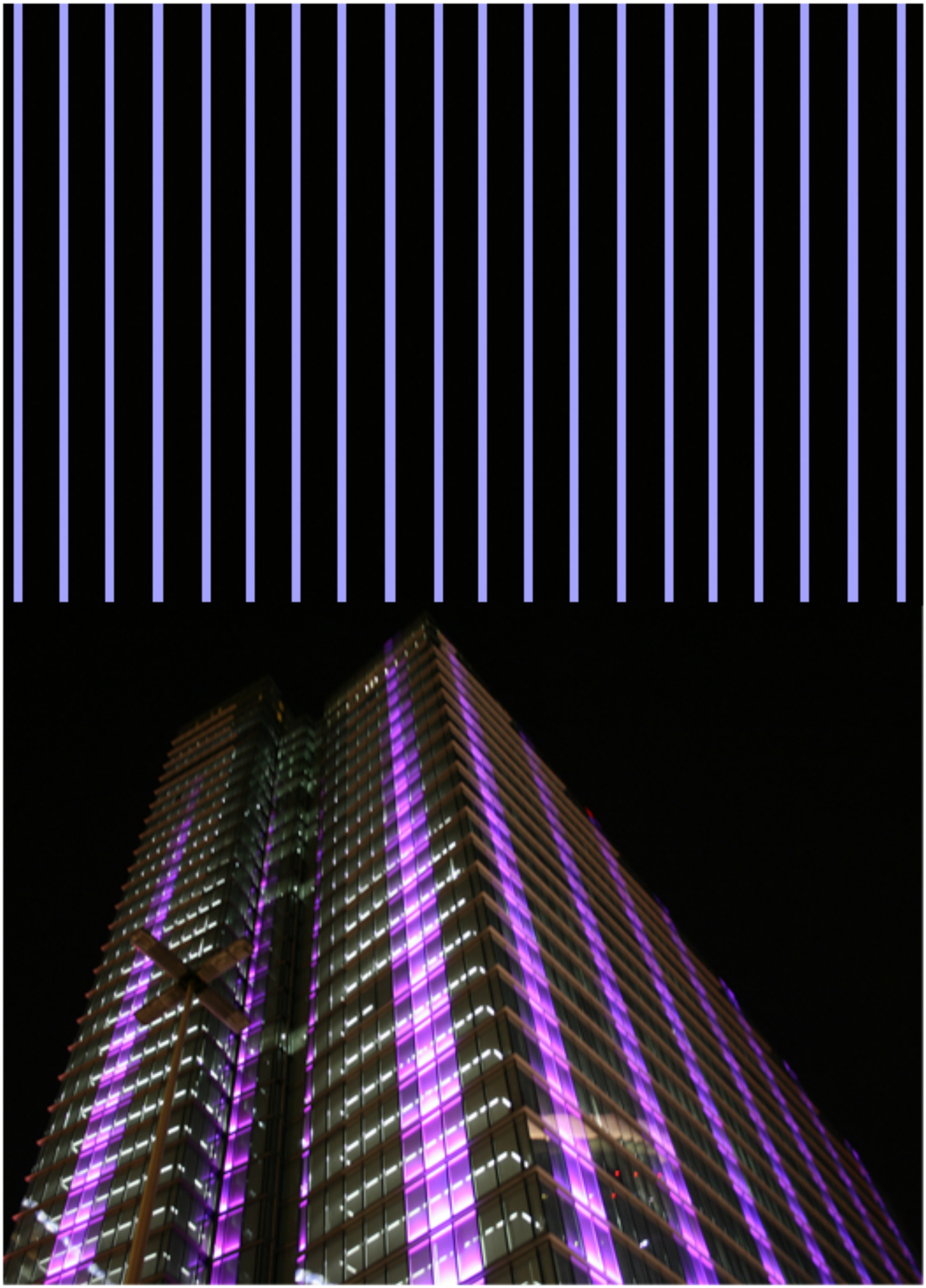
The resulting geometric play of colours and shapes mirrors tomorrows 'sky' condition in form of agitation and brightness (light).The transcription of common data into light establishes the tower as an urban landmark, a common sign.

weather.tower weather.type



weather.tower wind direction





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