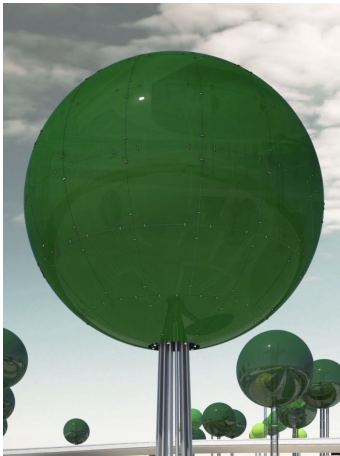


# Light balls





### A motorway junction as a statement

During the night the Light Balls are illuminated via photovoltaic, during the course of the night they dim down in a natural way until the light is gone. We conceptualized the proportions of the lightballs according to the golden ratio, the most harmonious numerical ratio which was developed over thousands of years.

This causes perfectly balanced and aesthetically pleasing proportions. During the day, the Light Balls appear as high-gloss and smooth surfaces.

Without having a certain height, the Light Balls will look clumsy, dull and somehow crude. We have now managed to find a perfect solution regarding the structure, the weight, the thermal conditions, the bending, the lighting direction ... reducing the heights would ruin this correlations.

The trunk of the Light Ball follows structural necessities, in it's filigree character it is decomposed in singular elements to visualize the flux of forces.



## Info

Category Landmark	Team Georg Driendl, Franz Driendl	Copyright driendl*architects ZT GmbH
City Riyadh	Technical building physics: Dipl. Ing. Dr. Roland Müller landscape architecture: Bödeker Partners Landscape Architects structural analysis: Werkraum Ingenieure ZT-GmbH	
Commissioner Arriyadh Development Authority ADA		
Period 2012-2016		
Type direct		
Status built	Details 42 Light Balls Glas/steelconstruction	