

GLY

Design by lightsphere

Swiss Made



Gly

Inspired by a hanging plant of the botanical family of wisteria, GLY not only appears as a decorative luminaire for vertical gardens. It is the ultimate combination of bespoke luminaires and biophilic lighting design. A perfect fit for ornamental plant surfaces.

easy plug-and-play electrical system

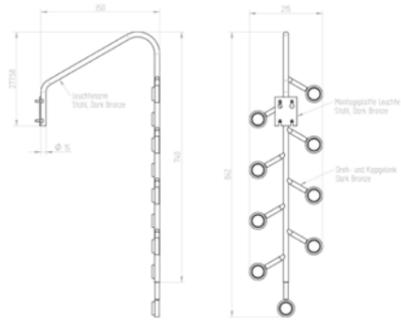
The solution for the fixation base was built for a simple plug and play connection. Each individual GLY can be easily connected via a small plug. Control boxes positioned inside the plant towers, supplying the individual groups. Furthermore prefabricated sockets fixed on the column surface also make it easy to assemble the individual GLY to the plant towers, making installation simple.

Casing color

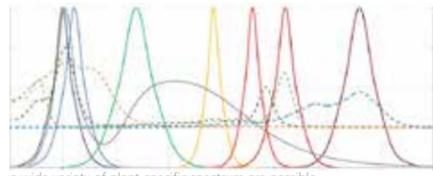
black RAL9005
other colors on request

Light spectrum

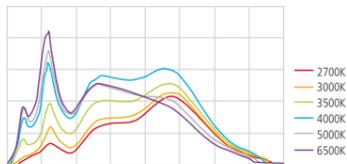
plant-specific spectrum



Horticulture



a wide variety of plant-specific spectrum are possible



Power	18 W
Luminous flux	depend on spectrum
Lumen maintenance	L80 / 50'000 h
Protection	IP64
UGR	<16
CRI	specific or average 85
Laboratory	monolab
Energy class	A - A++

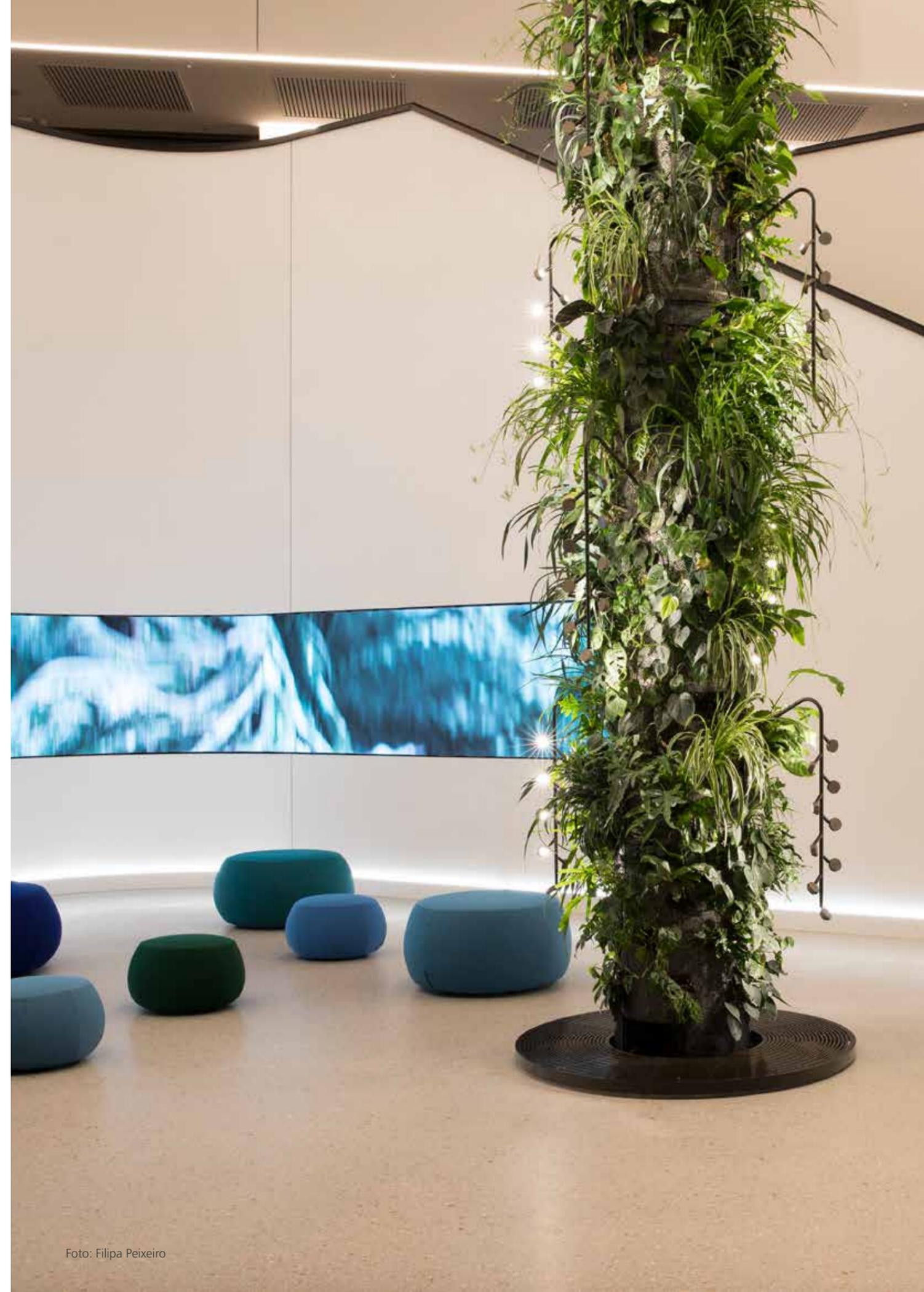




Foto: Filipa Peixeiro

This special luminaire, designed by the lighting design practice lightsphere in collaboration with Martin Nievergelt product design, supports the ornamental plant's health and pleasant appearance, within the Zurich Innovation Center of Givaudan. Its perfect integration into the greenery underlines the biophilic design. The innovative luminaire is composed by a curved hook-shaped body, that carries nine rotatable heads. This flexible system allows an ideal light distribution on irregular, complex surfaces like columns. The geometry follows the functional purpose and its harmonious proportion is calibrated for an aesthetical enhancement of the luminaire shape. Each head is equipped with special LED chips and a honeycomb louver for a glare-free appearance from any angle. Various facet of bronzed brass anodized finishes where combined to create a multifaceted reflective surface. This allows GLY to reflect the surrounding and neatly camouflages itself into the green surface of the column.

As we love to put extraordinary ideas into a perfectly designed and manufactured product, Monolicht is pleased to support lightsphere with the manufacturing process in creating a unique and outstanding luminaire.

about the designers

Lightsphere is an independent lighting design practice based in Switzerland. For this bespoke luminaire, lightsphere teamed up with product designer Martin Nievergelt to create a unique luminaire, that can be used for ornamental plant surfaces.

In parallel with the design process of the luminaire, lightsphere carried on a scientific research related to biologically effective illumination for ornamental indoor plants with LEDs, providing Monolicht the right LED action spectrum, used within GLY, for the plants to thrive healthily.