

FAST FACT

A light-emitting diode (LED) is a semiconductor that emits visible light when an electric current passes through it.



NO  
**16**  
BECAUSE  
THIS  
SHEDS  
A LITTLE  
LIGHT

The shipping container, a strong architectural theme in 2014, featured in the brief for the Haute Lumière Light Award 2014 competition.



The idea behind the Haute Lumière Light Award is to break away from conventional lighting concepts and to expand creativity in the lighting realm. The brief for the 2014 competition challenged designers to transform a 12 m x 2,3 m white steel shipping container into a space of wonder and intrigue by way of the imaginative use of light.

The 2014 winner is Claudine Park, who studied interior design at the Greenside Design Centre College in Johannesburg. Her prize is an opportunity to attend the Lights in Alignsås Workshop in Sweden.

Claudine built her lighting installation in

a container at the V&A Waterfront in Cape Town, and it was open to the public.

The internal space of "The Vortex" was constructed with a wooden frame, using marine ply for panelling. Each light source used 12 RGB colour-changing LEDs on a circuit board in a series to complete 8 sections wired together. The installation consisted of 32 sections of 8 light sources, all connected to DMX lighting controllers. To increase the effect of deception and perception, a large mirror was used at one end of the container to create an elongated effect.

The outside of the container gives no clue

to the sense of space, depth, movement, light and colour viewers experienced inside "The Vortex".

The sponsors of the Haute Lumière Light Award are:

- MDS Architecture
- Regent Lighting Solutions
- European Light & Design Centre (ELDC)
- SA Fashion Week
- Paul Pamboukian Lighting Design
- VISI magazine
- LED Lighting South Africa
- GIBB Engineering & Architecture



PHOTOS ASHLEY ADAMI WORDS MICHAELA STEHR



01 Glántan (The Tree)

# NO 17 BECAUSE EVERYTHING'S ILLUMINATED

Haute Lumière Light Award 2013 winner Amy Phillips tells us about her favourite installations at the Lights in Alingsås Workshop in Sweden.

The annual Lights in Alingsås Workshop attracts lighting specialists from all over the world. Amy Phillips had the opportunity to attend it in September last year by courtesy of Paul Pamboukian Lighting Design, which sponsors the Haute Lumière Light Award.

### Tell us about the workshop?

It was refreshing to be in a space of intensive learning and concept creation. The learning process is even more layered when you are connecting with people from all around the world.

### What are some of the lessons you learnt?

I learnt the value of the night and to consider how we experience the dark. Johan Moritz's talk was particularly inspiring. He suggested the use of LEDs is not the only way to save energy – that using the correct light source in the correct way can save 40 to 60% energy. Aside from lighting knowledge, I learnt that South Africa is on a par with other countries on many aspects of design, and our knowledge of design software is especially good. Our country is ripe with opportunity to light public spaces and for specialised lighting education.

### What do you think can be done to uplift the quality and popularity of lighting design in South Africa?

I think it starts at an education level; the sooner we can have a recognised qualification the better. As designers, we should all be considering how we are using lighting effectively. We have a unique opportunity to use lighting to enhance the ambiance and safety of our public spaces.

### THESE ARE AMY'S FOUR FAVOURITE PIECES

#### 1. Glántan (The Tree)

The music for this site was placed high in the lone tree, in an opening in the forest; it was as if you were called nearer to experience the forest as a mystical creature would.

#### 2. Labyrinten (The Labyrinth)

I loved seeing how children interacted with this site. The labyrinth changed from a meditative space to a playground as they chased the changing lights over the rocks.

#### 3. Skogen (The Forest)

I have a biased opinion on this one, as it was the site I got to work on under the guidance of Torbjörn Eliasson. Two armies were represented on the hillside of this site, starting out in red and yellow and eventually fading to one colour as a representation of reconciliation.

#### 4. Klämman (The Hall of the Mountain King)

The music on this site was programmed perfectly so that on the beat of the music each tree was lit with a blue light from the base. It reminded me of tall organ pipes.

PHOTOS PATRIK GUNNAR HELIN WORDS MICHAELA STEHR



02 Labyrinten (The Labyrinth)



03 Skogen (The Forest)



04 Klämman (The Hall of the Mountain King)