atelje Lyktan



HALO 600

Design by Stefan Borselius

A globe that lights and shows the way

Stefan Borselius was asked to design an outdoor luminaire for the street environment to add to ateljé Lyktan's outdoor product range. It had to fit in with many different surroundings – everything from old city districts to more modern architecture. The result was Halo.

"I started out with a basic shape, the circle, a sphere. I wanted to create something that would blend in with the surroundings. A shining globe, like a little moon," Stefan tells us.



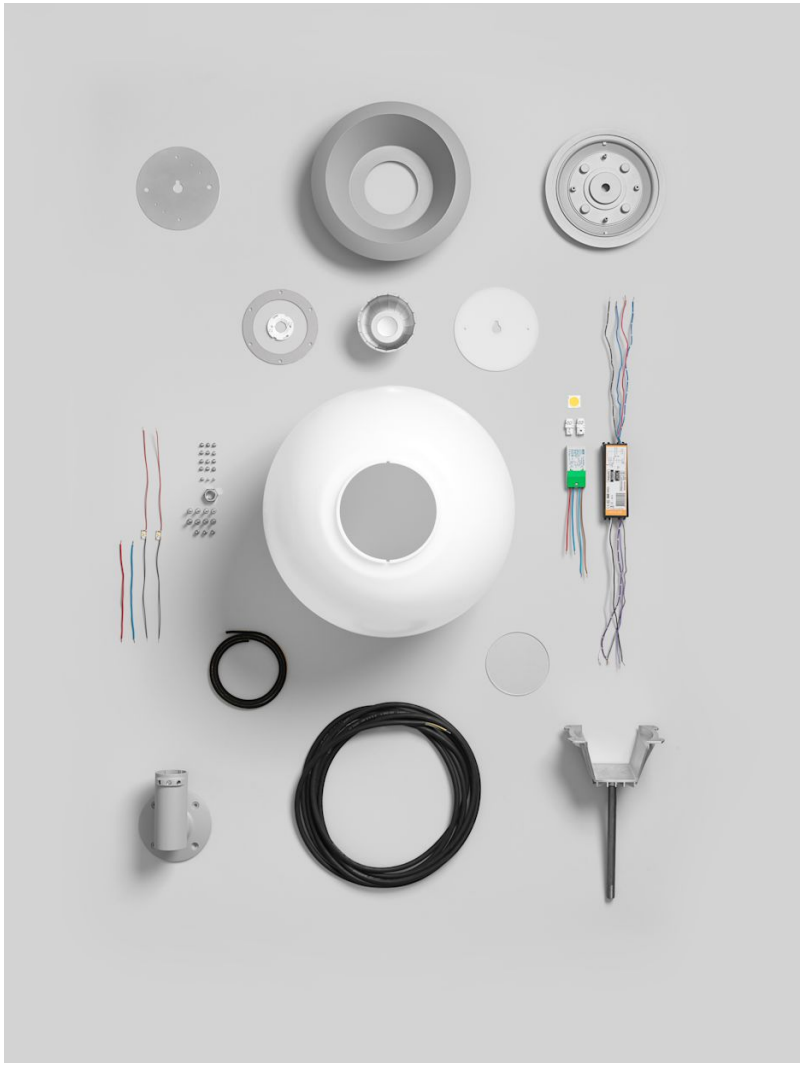




Anthracite
RAL 9023 Fine texture



Aluminum grey
RAL 9006



Technical specifications

Material	Luminaire body and connection to arm in die-casted aluminium. Shade in impact-resistant opal acrylic.
Installation	For mounting on 48 mm arms. Threaded connection can be made on request.
Light scattering	The luminaire is available with five different light distributions. LM1: Symmetrical rectangular light distribution for streets. Center directly underneath the luminaire. LM2: Asymmetrical light distribution for streets and path ways. LM3: Asymmetrical light distribution for broader streets and parking lots. LM4: Asymmetrical light distribution for streets and path ways, with a reduced backlight to minimize glare backwards. Zebracrossing for pedestrian crossings. Zebracrossing left illuminates pedestrian crossings placed to the left of post.
Weight	Luminaire: 15,5 kg. Arm single 1m: 6.5 kg, 1.5m: 8 kg. Arm Double: 2x1m: 10kg, 2x1.5m: 13 kg
Connection	10m cable with flying leads 5G1,5mm²
Driver	Downlight powered by programmable driver for outdoor environments. Enables functions as DALI, nightDIM, CLO and different lumen outputs up to 4000 lumens. Lifetime 100 000h with max 10% failure. Fixed uplight powered by same driver. No DALI for the light in the lit globe. Only on/off for Symmetrical/circular versions.
Light source	Ateljé Lyktan LED module, with high power diodes. For street light optics we combine the LED with lenses for good light distribution. Color temperature 3000K or 4000K. CRI min 80. Lifetime L100B10 100 000h with CLO.
Diffuser	Supplied with toughened safety glass. Deglaring louvre available on request.
Projected wind area	0,16 m²
IK class	08
Energy classification	This product contains a light source with energy efficiency class F to regulation (EU) No 2019/2015
Uplight	80 lumen in the lit globe.
Corrosivity category	Our outdoor products are in their standard performance painted for environments corresponding to corrosivity category C3. Can be used in environments like urban and industrial atmospheres with a moderate sulphur dioxide pollution or areas with some influence from the coast. For environments with a high sulphur dioxide pollution, we can offer a special treatment for higher corrosive resistance. This will be quoted on request.

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