



Quality Tools for Smart Cleaning

nLITE[®]

**THE MOST VERSATILE
WATER FED POLE SYSTEM**



nLite®

Evolutionary Water Fed Pole Technology for professionals

Unveiled in 2012 at ISSA/INTERCLEAN Amsterdam, the nLite® Water Fed Pole System has immediately set a new benchmark in pure water cleaning technology.

Since then the nLite® range has won several prestigious Innovation Awards and become a go-to solution for professional window cleaners worldwide thanks to its ergonomic design, ease of use and perfect balance between weight and rigidity.

In 2014 we've challenged ourselves to build the stiffest, most rigid water fed pole in the world! Result - the Ultra HiMod Carbon Fibre Pole of unrivalled rigidity, made using a complex combination of carefully selected ultra rigid premium carbon fibres with ultimate material strength of 760 GPa, 110 MSI.

Suitable for cleaning of glass and building facades, stainless steel, solar panels, signage and vehicles, the nLite® Water Fed Pole system includes everything you need to clean at heights of up to 20 m high safely from the ground.



UK, Birmingham,
The Cleaning Show 2013



USA, Chicago,
ISSA/INTERCLEAN 2012

- Poles
- Goosenecks
- Brushes & Jets
- Accessories



2 different designs

There is a perfect **nLite®** pole for any cleaning challenge, all you need to do is decide which one is right for you. First, choose between telescopic **nLite® One** or telescopic-modular **nLite® Connect** designs, then explore your further options within each range based on required reach and pole rigidity.

TELESCOPIC DESIGN

nLITE® one

Meet **nLite® One** - the new, telescopic pole range, made of the same premium materials as the original **nLite®** system and sharing many of its great features.



FAST & SIMPLE SET UP

Traditional telescopic design allows you to easily extend and collapse the pole or adjust its length in seconds.

COMPACT SIZE

Short collapsed length makes the **nLite® One** Glass Fibre poles ideal for ground level work or transportation in smaller vehicles.



MODULAR-TELESCOPIC DESIGN

nLITE® connect

The original Master and Extension Pole System, combining the best of telescopic and modular designs, has a new name – **nLite® Connect**.



FULL FLEXIBILITY

Modular construction allows you to add on or remove Extension Poles to create telescopic poles in different lengths for cleaning at various heights.

DIAMETER of the **nLite® Connect** pole you are holding will never exceed 35 mm, irrespective of the number of Extension Poles.



nLite® Pole Selection Guide

TELESCOPIC DESIGN

nLite® one

GLA

GF16T

SIMPLICITY

Made of the same premium quality materials as the original nLite® series and retaining many of its premium features, the new telescopic nLite® One range is a winner when simplicity and speed of use are essential. All Poles can be extended, adjusted or closed in seconds – fast and easy!

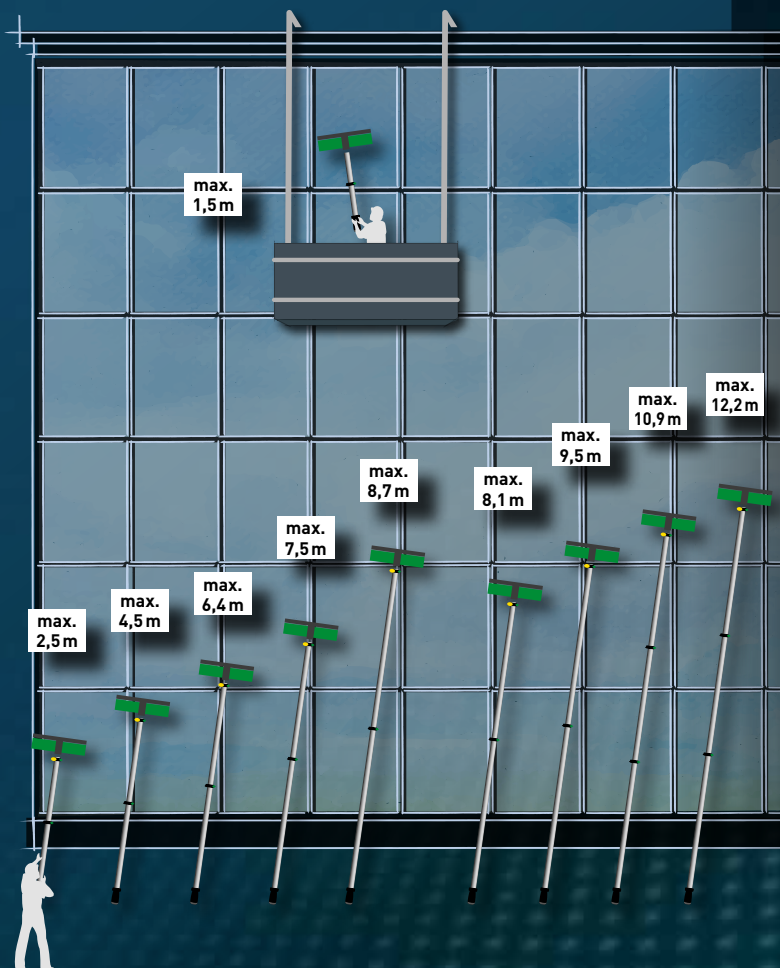
GLASS FIBRE

Choose between 6 pole length options, starting from 1,50 m mini-pole that collapses to only 90 cm – ideal for abseiling or cradle work.

Compact collapsed size of this Glass Fibre range makes it ideal for ground level work and transportation in smaller vehicles.

CARBON FIBRE

Featuring the same closed length as the nLite® Connect Carbon Fibre Poles, the fully telescopic design of the nLite® One poles provides even greater rigidity – perfect for easy brush control. Available in 4 pole length options.



GLA

CAR

GF25T

GF45T

GF63T

GF75T

GF87T

CT81T

CT96T

CT10T

CT12T

To calculate the working reach of any pole

Greater heights require poles with greater rigidity and lower weight for optimal performance. The key factor affecting the rigidity of the pole is the material it is made of and its ultimate strength, measured in gigapascals (GPa).

Every nLite® pole is made from premium materials, offering best in glass rigidity, so with 6 options to choose from, there is a perfect nLite® pole for any working height.

ALU

C

ALUMINIUM, 30 GPa

Recommended for working at heights of up to 9 m

GLA

O C

GLASS FIBRE, 70 GPa

Recommended for working at heights of up to 9 m



MODULAR-TELESCOPIC DESIGN

nLITE[®] connect

FLEXIBILITY

The innovative **nLite[®] Connect** range utilises both telescopic and modular concepts, so you can add on or remove Extension Poles for comfortable cleaning at any height.

The Diameter of the **nLite[®] Connect** pole you are holding will never exceed 35 mm, irrespective of the number of Extension Poles.

The maximum number of Extension Poles that can be added to a Master Pole depends on the pole material – see guide on the left for details.

Choose from 6 high quality materials, selected by **UNGER** experts to provide the perfect balance between weight and rigidity at any height.

ALU	GLA	HYB	CAR	HiM	UHIM
1x Master (AN456/AN609) + max. 1x Extension (AN306) max. 9 m/3rd floor	1x Master (GF456/GF609) + max. 1x Extension (GF306) max. 9 m/3rd floor	1x Master (HT676) + max. 1x Extension (HT356) max. 10 m/4th floor	1x Master (CT676) + max. 2x Extension (CT356) max. 13,5 m/5th floor	1x Master (UC676) + max. 4x Extension (UC356) max. 20 m/6th floor	1x Master (UH676) + max. 4x Extension (UH356) max. 20 m/6th floor

you can add an extra 1 m of body height.

HYB

HYBRID, 96 GPa

Recommended for working at heights of up to 10 m

C

HiM

HiMODULUS CARBON, 360 GPa

Recommended for working at heights of up to 20 m

C

CAR

CARBON, 210 GPa

Recommended for working at heights of up to 13,50 m

O C

UHIM

ULTRA HiMODULUS CARBON, 760 GPa

Recommended for working at heights of up to 20 m

C

Expert design in every detail

TELESCOPIC DESIGN

nLITE[®] one

NEW HANDLE DESIGN

The integrated round shaped handle is designed to sit comfortably in operator's hand for easier brush control, with textured surface for reliable grip. Features side aperture for the hose exit when fitted inside the pole.



DURABLE CLAMPS for easy and fast one handed operation, with **UNGER** logo shaped screw for adjusting the tension without tools. Yellow clamps identify the next modular component to prevent unintentional separation.



HOSE MANAGEMENT
Use the practical nLite[®] Clips to secure the hose along the length of the Pole to avoid tangling and improve safety.



RED VISUAL WARNING AREA at the top of each pole section helps you to prevent overextending the pole. Featured on both nLite[®] One and nLite[®] Connect poles.

MODULAR-TELESCOPIC DESIGN

nLITE[®] connect



YELLOW VISUAL WARNING AREA at the top of the Extension Pole helps to avoid unintentional separation.

DURABLE PLASTIC ENDCAP prevents accidental damage to the end of the pole and features a side aperture for the hose exit when used inside the pole.



IS LIGHTWEIGHT POLE ALWAYS THE BEST CHOICE?

All nLite[®] poles are designed to deliver the perfect balance between weight and rigidity – without compromising durability and strength.

Often, low pole weight is achieved through compromises in construction – mainly by decreasing the thickness of the pole tube to reduce its weight. This makes a pole lighter but directly affects pole rigidity and longevity, resulting in the pole being weak, harder to control and more likely to splinter or break.

Although lightness is a benefit, material strength should also be an important factor when purchasing water fed poles – see pages 4-5 for our expert's recommendations.

Discover our award-winning range of complementary products for Pure Water Cleaning

1**AWARD-WINNING HYDROPOWER FILTERS**Find out more at www.ungerglobal.com/hydropower**HYDRO
POWER****HydroPower DI****HydroPower R0 XXL****2****SUPERLIGHT nLite® GOOSENECKS, BRUSHES & JETS**

Product Overview

nLite® One Telescopic (available from June 2016)

Glass Fibre	Extended Length	Closed Length	Weight	Sections	Bottom Section Diameter	Material Strength	
GF16T	1,5 m	0,90 m	0,5 kg	2	29 mm	70 GPa	
GF25T	2,5 m	1,40 m	0,7 kg	2	29 mm	70 GPa	
GF45T	4,5 m	1,41 m	1,5 kg	4	35 mm	70 GPa	
GF63T	6,4 m	1,42 m	2,3 kg	6	41 mm	70 GPa	
GF75T	7,5 m	1,80 m	2,9 kg	7	44 mm	70 GPa	
GF87T	8,7 m	1,80 m	3,4 kg	8	47 mm	70 GPa	
Carbon Fibre							
CT81T	8,1 m	1,94 m	2,0 kg	5	38 mm	210 GPa	
CT96T	9,5 m	1,95 m	2,5 kg	6	41 mm	210 GPa	
CT10T	10,9 m	1,95 m	2,9 kg	7	44 mm	210 GPa	
CT12T	12,2 m	1,95 m	3,5 kg	8	47 mm	210 GPa	

nLite® Connect Modular-Telescopic

Aluminium	Description	Extended Length	Closed Length	Weight	Sections	Bottom Section Diameter	Material Strength	
AN45G	Master Pole	4,50 m	1,34 m	1,6 kg	4	35 mm	30 GPa	
AN60G	Master Pole	6,00 m	1,71 m	2,0 kg	4	35 mm	30 GPa	
AN30G	Extension Pole	3,00 m	1,69 m	1,1 kg	2	35 mm	30 GPa	
Glass Fibre								
GF45G	Master Pole	4,50 m	1,34 m	1,4 kg	4	35 mm	70 GPa	
GF60G	Master Pole	6,00 m	1,71 m	1,7 kg	4	35 mm	70 GPa	
GF30G	Extension Pole	3,00 m	1,69 m	0,9 kg	2	35 mm	70 GPa	
Hybrid								
HT67G	Master Pole	6,63 m	1,87 m	1,7 kg	4	35 mm	96 GPa	
HT35G	Extension Pole	3,41 m	1,91 m	0,9 kg	2	35 mm	96 GPa	
Carbon Fibre								
CT67G	Master Pole	6,63 m	1,87 m	1,6 kg	4	35 mm	210 GPa	
CT35G	Extension Pole	3,41 m	1,91 m	0,8 kg	2	35 mm	210 GPa	
HiMod Carbon Fibre								
UC67G	Master Pole	6,63 m	1,87 m	1,5 kg	4	35 mm	360 GPa	
UC35G	Extension Pole	3,41 m	1,91 m	0,7 kg	2	35 mm	360 GPa	
Ultra HiMod Carbon Fibre								
UH67G	Master Pole	6,63 m	1,87 m	1,5 kg	4	35 mm	760 GPa	
UH35G	Extension Pole	3,41 m	1,91 m	0,7 kg	2	35 mm	760 GPa	

The general terms of delivery and payment of UNGER Germany GmbH apply. No responsibility accepted for accuracy; subject to change without notice.