



 **Digital Sputnik**

Creative freedom

"The Electric light did not come from the continuous improvement of candles"

Oren Harari



Who we are

Digital Sputnik builds modular LED lighting systems for the film and television industries.

We design hardware and software that optimize the production process and raise the quality and speed of content creation.

We have achieved the highest level of validation from the top 1% of the industry and we are ready to conquer the remaining 99%.

Our passion is film. We love watching films, we love making films and most of all, we are devoted to manufacturing the best possible tools for minds that want to create.

Modularity is our core philosophy. We like to think about light modules as if they were LEGO bricks, where a relatively small number of them will bring you versatility that never existed before. The possibility of connecting light modules to build any desired shape of light is game-changing.

The cornerstone of DS innovation is the way in which we control these modules. You can control all your lights and their parameters from a phone app, which is simple and intuitive as using a box of crayons.



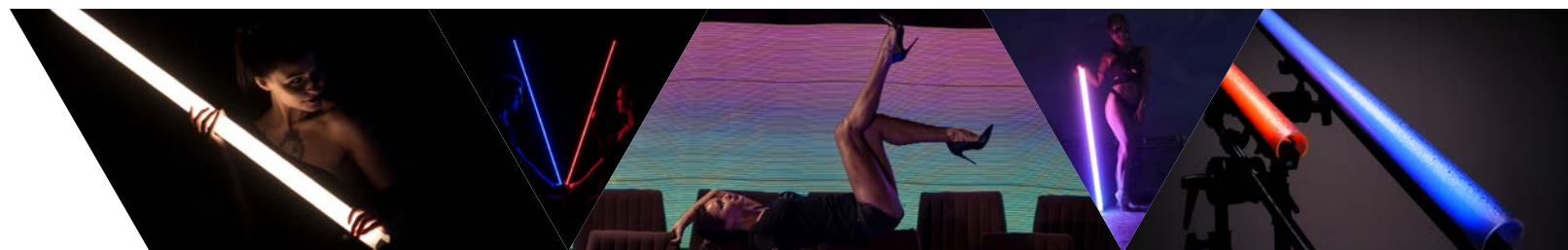
Independent
smart light
solution



The Smart Light is a fixture concept which combines light source, battery, and remote controller into a single product. All you need to add is a phone or a computer as an interface. No extra software licenses and no more hardware needed.

The Voyager is the next step in the Digital Sputnik product range. 'We have taken the full set of features from our DS product line and

packed it into this small fixture. Then, we added batteries, an animation controller and made the package waterproof. When using current light controller boards, a technician needs to address every single light manually. With Voyager, the software can auto-detect fixtures on the set making this manual labor obsolete.





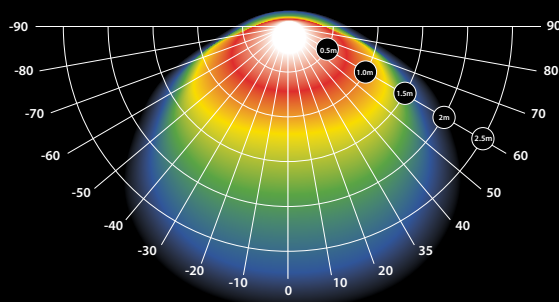
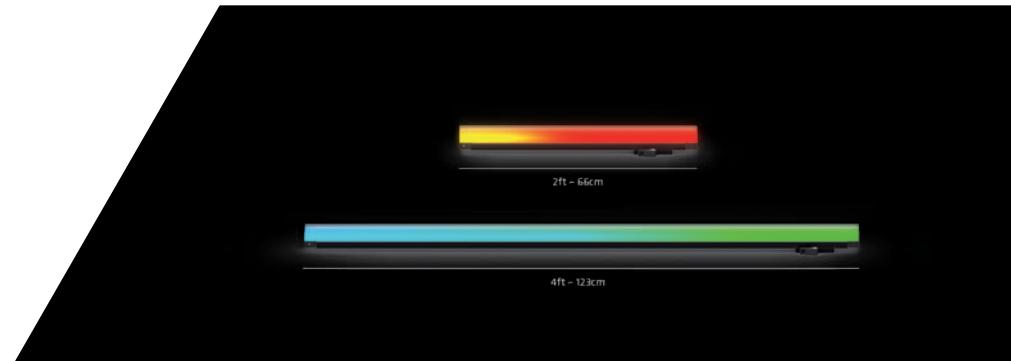
LightGrading™ Software

LightGrading is a simple remote control and animation software for lighting.

- Position your lights in the scene.
- Snap pictures of the lighting setup and your lights will be detected and mapped automatically.
- Pick a color and draw on the image as with a "light brush".
- The "light brush" is like a magical paint set. Every brush stroke can use animated shaders with unlimited customized properties, and if you don't find one that exactly suits your needs, you can always create your own.

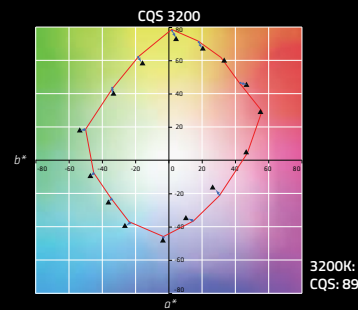
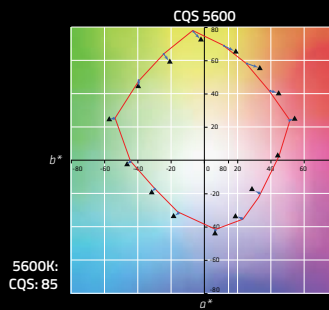
The professional lighting industry has used light control boards for remote light operation for over three decades. Digital Sputnik has spent countless hours to come up with an interface that would provide that same flexibility with a much simpler learning curve.

The software is compatible with light fixtures from other manufacturers through the ArtNet, sACN and RDM protocols.



Voyager 2 ft LUX FC		
0.5 m	668	62
1.0 m	187	17
1.5 m	102	9
2.0 m	47	4
3.0 m	28	3

Voyager 4 ft LUX FC		
0.5 m	1405	131
1.0 m	410	38
1.5 m	225	21
2.0 m	103	10
3.0 m	60	6



Voyager 2ft	
Beam Angle	130deg
Dimensions of the Module	660x50x65mm 1.1kg / 26"x2"x3" 2.4lbs
Dimensions of the Package	750x140x85mm 3kg / 30"x6"x3" 6.6lbs
Power Draw	40w

Voyager 4ft	
Beam Angle	130deg
Dimensions of the module	1235x50x65mm 2.2kg / 49"x2"x3" 4.8lbs
Dimensions of the Package	1325x140x85mm 5.5kg / 52"x6"x3" 11lbs
Power Draw	80w



DS1

DS1 is the latest addition to the modular LED lighting systems family.

As the youngest brother, it comes with a myriad of features built in, it is DMX/ArtNet ready and can be AC, DC or battery powered. As with all the rest of the family, a relatively small number of them will give you possibilities that never existed before. The DS1 is a set of one light module with all its' accessories. All parts of the DS family are interchangeable. The DS1, DS3 and DS6 are built from the same components.

Upgradable

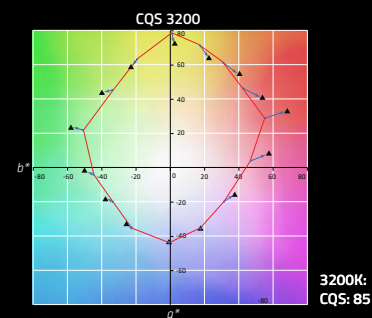
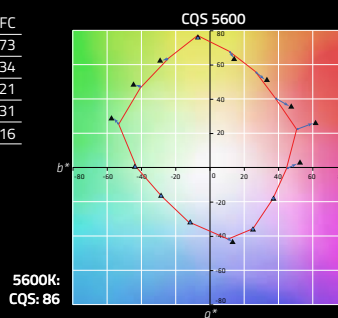
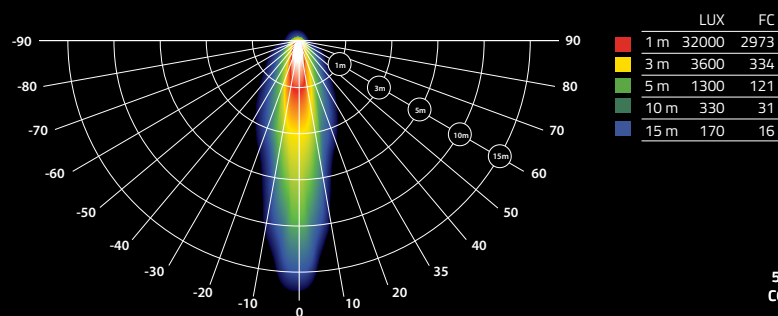
The entire system is built to last. Unfortunately, technology does not stay in one place over the years, devaluing your investment. We have designed the whole line of DS products to maintain their value by applying gradual software and hardware upgrades. Most hardware upgrades are available as kits.

Free Software

The cornerstone of DS innovation is the way in which we control these modules. You can control all your lights and their parameters from a phone app, which is simple and intuitive as using a box of crayons

Super Luminous

The system provides RGB mixing of the highest quality, on par with professional colorist tools. DS lights are the only RGB LED solution able to challenge the output of widely used HMI technology.



DS1

Beam Angle 20deg
 Dimensions of the Module 116x116mm 1.3kg / 4"x4" 2.8lbs
 Dimensions of the Package 430x320x180mm 5kg / 17"x13"x7" 11lbs
 Power Draw 100w



DS3/DS3+

Full three module set with a combined output of 300W. The DS3+ includes a DMX/RDM or ArtNet control handle and a flight case easy to organize.

The DS3 is like your long lost brother from the circus who comes with a trailer full of accessories one might need on the road. The modular diffuser boxes offer camouflage to hide individual LED source and form a singular, uniform light beam. The included holographic filters of various sizes are like smoke and mirrors. One way, they split the beam into 34 degrees, the other way, 76. DS3+ has exceptional communication skills with the included DMX/RDM or ArtNet handle. In family reunions, DS3+ is the most beloved sibling among all family members.

Modular Design

Modularity is our core philosophy. We like to think about light modules as if they were LEGO bricks; A relatively small number of them will give you versatility that never existed before. The possibility of connecting light modules to build any desired shape of light is game-changing.

All the DS line products use the same interchangeable Light Module as the core of the system. Additionally, you can pick between a variety of accessories to shape the lighting fixture.

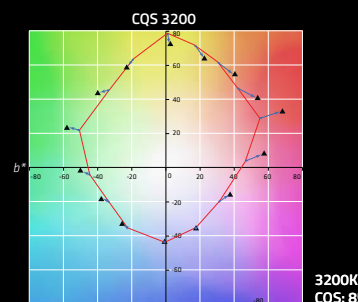
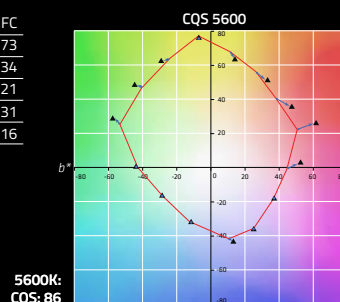
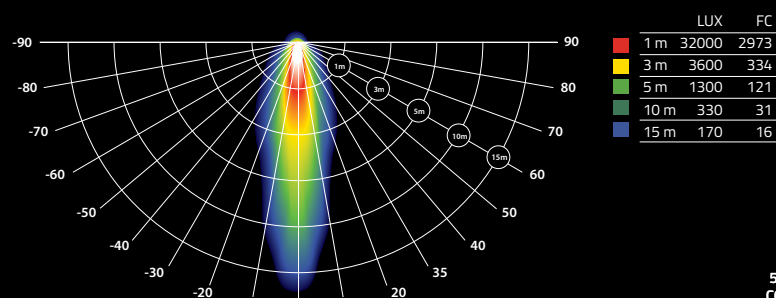
Color Science

Using the same technology as post-production monitors, each light module has been factory calibrated with a profile saved into every module. Constant color coordinates are kept through the dimming range using high precision multi-dimensional LUTs.

All channels are 16bit flicker free current controlled with simple to operate four-channel HSL controls that allow dimming the light with the exact mixture of white balance and tint.

Hybrid Thermal Design

The system uses passive and active cooling for maximum efficiency. We keep the modules in constant temperature to minimize the fluctuations of output and color. It is possible to remotely control the fan speed over DMX/RDM or ArtNet.



DS3

Beam Angle 20deg
 Dimensions of the Modules 3 x 116x116mm 1.3kg / 4"x4" 2.8lbs
 Dimensions of the Package 700x530x290mm 23kg / 28"x21"x11" 50lbs
 Power Draw 300w



DS3 sets

DS3 Beam set

The DS3 Beam is a modular set of 6 DS3's providing 1.8KW output. The entire frame is DMX/RDM controllable down to individual modules.

The DS3 Beam is like bringing your six older brothers to a bar brawl. Having a whole family of modular LED lighting systems is an asset for any production. This ultimate modular lighting fixture will work out the suitable agreement quickly. With this simple accessory, you can connect six DS3 systems into one single 1.8kw fixture. If a single Beam is not enough, you can bring in the football fans: Mount the beams side-by-side on the trussing to make installations of tens of KWs.



DS3 Spacelight, 3 set / 6 set

The spacelight set is six modules for a maximum output of 600W. The fixture uses two DS3 PSU modules with a single DMX/RDM or ArtNet handle.

The DS3 Spacelight is kind of like your graceful but tough sister; she will wear a skirt when the situation requires it, but she packs a solid punch anytime. The Spacelight is a proud member of the modular LED lighting systems for the film and television industries. Modularity is our core philosophy and this easy accessory is exemplarily fit for more glamorous works. The spacelight can pack one or two DS3 units for substantial output. The fixture is usable without the skirt to get a more directional beam from higher ceilings.

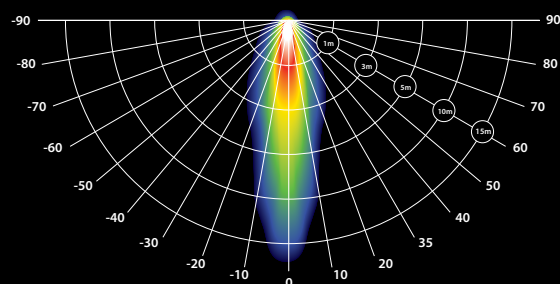
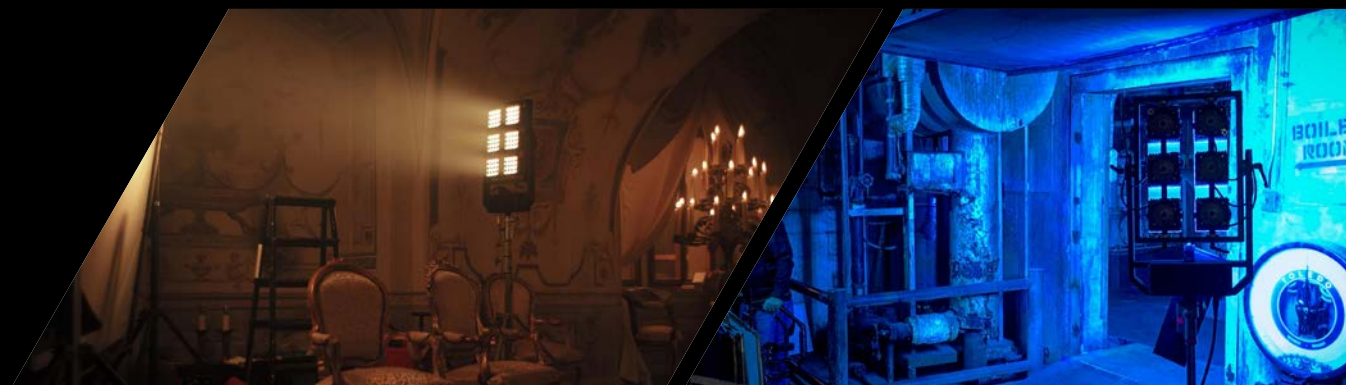




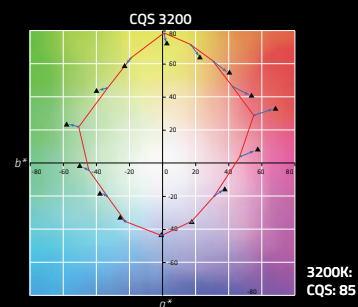
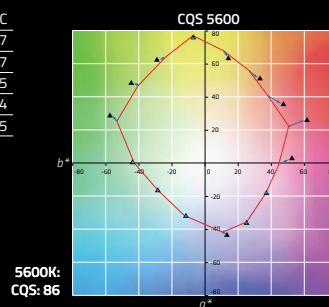
DS6

The DS6 is a 600W fixture in a brute-like configuration. The set includes DMX/RDM or ArtNet control and a custom flight case.

The DS6 is the big brother in the house of modular LED lighting systems for the film and television industries. Due to his size, he is a beast of a light source, but then again, he is simple to understand and uncomplicated to use. He is able to tilt forward a bit, by exactly 40 degrees to accommodate a softbox looking downwards. The DS6 is a robust workhorse for any size of a production and he shares the modular family philosophy. The DS6 PSU can be stacked with other DS6 PSUs and is suitable for control through the DMX/RDM and ArtNet handles.



	LUX	FC
1 m	192000	17837
3 m	21600	2007
5 m	7800	725
10 m	1980	184
15 m	1020	95



DS6

Beam Angle	20deg
Dimensions of the Yoke	870x550mm 15.2kg / 34"x22" 33.5lbs
Dimensions of the Package	1100x600x270mm 45kg / 45"x24"x10" 99lbs
Power Draw	600w



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