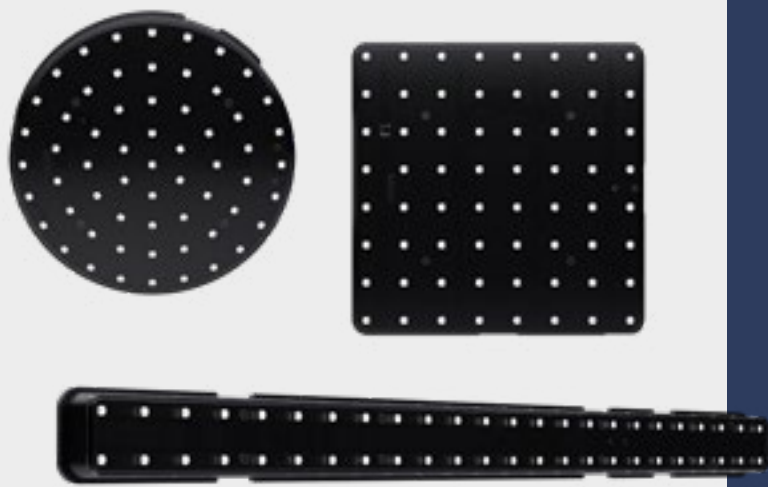# NEXUS LIGHTS
Shapes

Key Facts

- Affordable and Innovative
- Versatile Applications
- Adaptable Designs
- Advanced App Control
- Future-Proof Technology
- Customizable Accessories

NEXT GENERATION LED WASHLIGHT

The Nexus Lights – wireless, battery-powered RGBW LED panels with various shapes, designed for DJs, professional users, bars, weddings, and events. Equipped with individually controllable RGBW pixels, Nexus Lights enable precise pixel mapping and dynamic effect programming. Control is provided via the GLP iQ.Control app or Vision Control App for flexible and intuitive operation.

The robust IP65-rated housing offers magnetic mounting options as well as integrated suspension points for quick and secure installation. A built-in cable channel allows neat routing of up to five USB-C power cables for continuous operation. With the addition of the Nexus Bridge, fixtures can now be controlled wirelessly via DMX.

Nexus Lights combines innovative technology and modular designs – ideal for demanding lighting applications and creative installations.

Technical Data (1/2)

LIGHT SOURCE

Type	RGBW LED
Count	
Nexus Square	64 pixels
Nexus Circle	63 pixels
Nexus Line	48 pixels
Lifetime	50,000 h
LED Refresh Rate	2,000 Hz

OPTICAL SYSTEM

Light Aperature size	3.8 mm per pixel
Nexus Square	146 x 146 mm
Nexus Circle	146 mm diameter
Nexus Line	480 x 21 mm

DYNAMIC EFFECTS

Dimmer	8 bit

INSTALLATION

Mounting	Magnet | Keyholes
Orientation	Any
Location	Indoor | Outdoor

Technical Data (2/2)

CONNECTIONS

Power connection	USB-C
Signal connection	iQ.Mesh

ELECTRICAL SPECIFICATIONS

Power input	5 – 12 V, max. 2 A
Power draw	max. 10 W
Battery capacity Nexus Square Nexus Circle Nexus Line	5,000 mAh 5,000 mAh 4,400 mAh
Power cable (incl.)	USB-C 90° angled

THERMAL SPECIFICATIONS

Cooling Type	no cooling
Temperature range	5 °C – 45 °C / 40 °F – 115 °F

CONTROL & PROGRAMMING

Control Protocols	GLP iQ.Mesh
Protocols via Nexus Bridge Tx	DMX (USITT DMX512-A)
Setting and addressing	Single Button on rear | via Control Apps
Firmware Update	iQ.Control App | Vision Control App

CONSTRUCTION

Housing color	Black
Housing Material	Plastic
Protection Rating	IP 65
Construction Features	Mounting System | Changeable Filter

DIMENSIONS & WEIGHT
NEXUS SQUARE

Height with filter without filter	41.2 mm / 1.62 in 25.2 mm / 0.99 in
Width	166.7 mm / 65.63 in
Depth	166.7 mm / 65.63 in
Weight without filter with filter	0.4 kg / 0.88 lbs 0.52 kg / 1.15 lbs

NEXUS CIRCLE

Height with filter without filter	41.2 mm / 1.62 in 25.2 mm / 0.99 in
Width	166.7 mm / 65.63 in
Depth	166.7 mm / 65.63 in
Weight without filter with filter	0.34 kg / 0.75 lbs 0.43 kg / 1.95 lbs

NEXUS LINE

Height with filter without filter	41.2 mm / 1.62 in 25.2 mm / 0.99 in
Width	500 mm / 19.69 in
Depth	41.5 mm / 1.63 in
Weight without filter with filter	0.36 kg / 0.79 lbs 0.49 kg / 1.08 lbs

ARTICLE NUMBERS

Nexus Square	2852
Nexus Circle	2854
Nexus Line	2850