# AGILIO

## Key Facts

○ Total Output of up to 6,000 lm
○ Color temperature of 4,000 K
○ total power consumption of 120 W
○ 1:2 motorized Zoom from 15 – 35°
○ GLP iQ.Mesh with App-Control

## THE MOTORIZED WASHLIGHT

We have brought together the know-how of event technology and professional architectural lighting in a perfect symbiosis and developed the AGILIO product series. With a high-quality white light LED source and very high colour rendering, the new multifunctional washlight is the perfect choice for flexible lighting tasks involving sensitive objects. The specially calculated zoom optics of the head-mounted fixture provide a very homogeneous light field that can be motor-adjusted from narrow to wide. This allows lighting tasks to be carried out with exactly the amount of light required and at a perfectly adjusted beam angle. In addition, the spotlight can be motorised in the swivel and tilt directions so that it is up to any lighting task. Gone are the days of manual spotlight adjustment on the ladder. Especially in multifunctional applications such as trade fairs, gastronomy, shops and retail, there are not only endless possibilities - the AGILIO offers enormous savings potential thanks to its motorised flexibility, making it particularly economical. Potential savings in personnel costs and lifting platforms as well as time savings make it possible for the AGILIO spotlights to pay for themselves in a very short time. The special design was developed by the renowned luminaire manufacturer Zumtobel Staff and, like all other products

made by Zumtobel Staff, has been specially adapted to the design requirements of the architectural market. In addition to three different light source colour temperatures of 4,000, 5,700 and 3,400 Kelvin, the Agilio is available in two control versions.

The first version is the AGILIO CRMX / iQ.Mesh, which can also be controlled via the standard Lumenradio CRMX protocol, which allows DMX data to be sent wirelessly to the unit. This type of control is perfect if the unit is to be integrated into an existing DMX network or show setup.

The second version is the AGILIO DoP / iQ.Mesh, which can additionally be controlled via the new GLP DoP technology (DMX over Powerline). GLP DoP technology makes it possible to use any existing powerline or busbar system without laying an additional data line or using a data bus that is already in use. With this technology, the DMX signal is simply modulated onto existing power lines and immediately evaluated by the spotlight. Thus, this system can easily be retrofitted into any existing power system.

Both versions also offer control via GLP iQ.Mesh technology, where the spotlights can be conveniently set up and controlled via the AGILIO smartphone or tablet app available free of charge for Android or iOS.

# Technical Data

## LIGHT SOURCE

| | |
|---|---|
| Light Source Type | White Light LED |
| Light Source Power | 100 W |
| Lifetime | 50,000 h (L70) |
| CCT | Standard: 4,000 K<br>on request: 3,400 K; 5,700 K |
| CRI (Ra) | 94 |
| CQS | 90+ |
| TLCI | 90+ |
| TM-30 Rf | 90+ |
| TM-30 Rg | 95+ |

## OPTICAL SYSTEM

| | |
|---|---|
| Total Output | up to 6,200 lm |
| Min. Zoom | 15° – 35° half peak (50 %) |
| Max. Zoom | 15° – 35° half peak (50 %) |
| Zoom Ratio | 1:2 |
| Output Lens Diameter | 114 mm / 4.5 in |
| Risc Group | 2 |

## DYNAMIC EFFECTS

| | |
|---|---|
| Dimmer | 0 – 100 % |
| Pan | 450° |
| Tilt | 200° |

## CONTROL AND PROGRAMMING

| | |
|---|---|
| DMX channels | 8 |
| Control Modes | 1 |
| Control Protocols | DMX (USITT DMX512-A)*,<br>RDM (ANSI/ESTA E1.20)*<br>*via DoP |
| High-Res Channels | Pan, Tilt, Dimmer |
| Dimming Curves | logarithmic, Squared, Linear |
| Fan Modes | Regulated, Medium, Low |
| Setting and addressing | DIP Switches for DMX Address, DoP Channel and Adressing Mode<br>Fixture Settings via DMX and RDM |
| Others | DoP, iQ.Mesh |
| Firmware Update | DMX Link / DPROG |

## CONNECTIONS

| | |
|---|---|
| Power connection | 3-circuit track adapter (fix connected to phase 3) |

## ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| Power input | 100 – 240 V AC nominal, 50/60 Hz |
| Power supply unit | Auto-ranging electronic switch-mode |
| Fuse | T2A 250V 5x20mm |
| Max. number of products per current line | 15 @ 100 – 120 V, 60 Hz<br>30 @ 200 – 240 V, 50 Hz |
| Max. Power (@ 230 V) | 120 W, 0.52 A |
| Typ. Power (@230 V) | 116 W, 0.5 A |
| Min. Power (@230 V) | 12 W, 0.05 A |

## THERMAL SPECIFICATIONS

| | |
|---|---|
| Cooling Type | Combined convection and forced air |
| Max. surface temperature (Ta = 40 °C) | 70 °C / 158 °F |
| Max. ambient temperature (Ta max.) | 45° C / 115 °F |
| Min. ambient temperature (Ta min.) | 5° C / 40 °F |
| Total heat dissipation (calculated, +/- 10 %) | 410 BTU's/h |

## INSTALLATION

| | |
|---|---|
| Mounting | Installation in power rails / tracks by power rail / track adapter |
| Orientation | Vertical hanging in power rail systems, NO horizontal installation on vertical tracks |
| Min. distance to combustible materials | 0.2 m / 7.9 in |
| Min. distance to illuminated surfaces | 2.0 m / 78.7 ft |
| Location | Dry location only<br>Only to be installed outside arms reach |

## CONSTRUCTION

| | |
|---|---|
| Housing Color | White (similar RAL9016) |
| Housing Material | High-impact flame-resistant thermoplastic, Aluminium, Steel |
| Protection Rating | IP 20 |
| Construction Features | Static-Position at No-Power, Manual Movement Button, Power Trackmount Adapter, Optional Optic Accessories (Beamsahper), Architectural Design (by Zumtobel), DIP Switches (for DMX Address, DoP Channel and Addressing Mode) |

## DIMENSIONS & WEIGHT

| | |
|---|---|
| Height (head straight up) | 389 mm / 15.3 in |
| Height (head vertical) | 364 mm / 14.4 in |
| Width (head straight down) | 278 mm / 10.9 in |
| Depth (head straight down) | 125mm / 4.9 in |
| Weight (netto) | 4.85kg / 10.7 lbs |
| Weight (brutto) | 7.1 kg / 15.65 lbs |