



Key Facts

- Premium White-Light Quality
- Framing System
- Flicker free operation
- CTC System from 8,000 K to 2,500 K
- Baseless design

IMPRESSION S350 WASH

The impression S350 Wash from GLP brings a new level of control and functionality to the mid-range LED wash light market. At its core, the impression S350 Wash utilizes GLP's class leading white light LED engine, also used in its spot counterpart, the S350, and features a CRI of more than 90, with TM-30 and CQS measurements of 95+ for superior color rendering at its native 6,000 K color temperature.

The S350 Wash uses a Fresnel based optical system with zoom optics that give a range from 8 to 50 degrees for the broadest range of flexibility. Any angle within the zoom range, users have access to a full 4 blade curtain framing system, where each framing blade can cross the entire beam independently for a full blackout. Combined together, any combination of the blades – including the ability to rotate the entire assembly through 90 degrees – allows you to focus the output onto precise and accurate areas of the performance area, with complete accuracy when returning time after time. For further beam control, a high speed iris is also included for additional options and effects.

The color engine of the S350 Wash is the same as its spot partner allowing full color matching and variable color temperature control for seamless blending. A wide pallet of colors is achieved through a dichroic CMY system that is then supported by a fixed color wheel containing 10 slots, plus its open position. This is then complemented with a variable color temperature control system that allows a full range from 2,500 K to 8,000 K to be achieved on either, or both, of the color systems.

Technical Data (1/2)

LIGHT SOURCE

Light Source Type	White light LED-Engine
Light Source Power	350 W
Light Source Lifetime	20,000 h (L70)
LED refresh rate	2,200 Hz, 3,000 Hz, 4,800 Hz, 9,600 Hz, 25 kHz
CCT	6,000 K
CRI (Ra)	90+
CQS	85+
TLCI	85+
TM-30 Rf	85+
TM-30 Rg	95+

OPTICAL SYSTEM

Total Output	7,300 – 10,300 lm
min. Zoom (Deg)	6° half peak (50%) 12° field angle (10%) 17° cutoff angle (3%)
max. Zoom (Deg)	45° half peak (50%) 60° field angle (10%) 68° cutoff angle (3%)
Zoom Ratio	1:5
Focus	2m / 6.6 ft – infinity, motorized
Focus tracking	off, near, medium, far
Output Lens Diameter	185 mm / 7.3 in

DYNAMIC EFFECTS

Color mixing	CMY, independently variable 0 – 100 %
Color temperature control	Variable 8,000 – 2,500 K
Color wheel	10 dichroic filters + open, split color, indexing, continuous rotation
Framing	4 individually full closeable blades, +/- 45° blade adjustment
Iris	variable 0 – 100% 14 blades
Dimmer / Shutter	0 – 100% continuous electronic dimming, regular and random strobe and pulse effects, instant open and blackout
Pan	640°
Tilt	262°

CONTROL AND PROGRAMMING

DMX channels	27
Control Modes	1
Control Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) CRMX (Lumenradio) Art-Net sACN
High-Res Channels	Dimmer, Pan, Tilt
Dimming Curves	linear, soft
Performance Modes	fast, medium, smooth
Fan Modes	regulated, high, medium, low
Focus Tracking	off, near, medium, far
Framing Control Modes	P/I, L/R
Setting and addressing	control panel with backlit graphic display, Jog Dial Navigation, DMX, RDM
Others	Stand Alone 1 capture Scene, LED-FX
Firmware Update	DMX Link via DProg

CONNECTORS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	XLR 5-Pin XLR 3-Pin etherCON

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 VAC nominal, 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Fuse	T15A 250 V 6x32 mm
max. number of products per current line	2 x S350 Wash @ 100 – 120 V, 60 Hz 5 x S350 Wash @ 200 – 240 V, 50 Hz
incl. power cable	US: 16A, 14 AWG, UL listed, E304117. SJT, 4.9 ft EU: 16A, 1.5mm ² , H05VV-F, 1.5m
max. power (@230V)	550 W
typ. power (@230V)	500 W
min. power (@230V)	80 W
EEC	B
EEL	0.58
EC (kWh/1,000h)	461

Technical Data (2/2)

THERMAL SPECIFICATIONS

Cooling Type	temperature controlled, overheating protection
max. surface temperature (Ta = 40 °C)	55 °C / 131 °F
max. ambient temperature (Ta max.)	45 °C / 115 °F
min. ambient temperature (Ta min.)	5 °C / 40 °F
total heat dissipation (calculated, +/- 10%)	1878 BTU's/Hr



INSTALLATION

Mounting	M10 Screw Thread(s), 2 pair of 1/4-turn locks, safety cable attachment point
Orientation	any
min. distance to combustible materials	0.2 m / 8 in
min. distance to illuminated surfaces	2.0 m / 6.6 ft
Location	dry location

CONSTRUCTION

Housing Color	Black
Housing Material	high-impact flame-retardant thermoplastic, aluminium, steel metal plates
Protection Rating	IP20
Construction Features	baseless design, Tilt-Lock- System, modular slide in system, service friendly light source change



DIMENSIONS & WEIGHT

Height (head straight up)	642 mm / 25.3 in
Width (across yoke)	471 mm / 18.5 in
Width (across head)	474 mm / 18.8 in
Depth (head straight up)	650 mm / 25.6
min. center-to-center distance	600 mm / 23.6 in
Weight (netto)	25.5 kg / 56 lbs



APPROVALS AND CLASSIFICATIONS

EN 62471 Classification	Risk Group 2
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