P·1

Battery-driven LED Wash Light

TruColor ™

ThermalDrive ™

DryTech ™

Description

The P-1 is a versatile RGBW wash with full wireless operation, designed to match the requirements of corporate productions, broadcast applications, wedding receptions, staging, and events. To further enhance its versatility, available unique magnetic holographic filters allow the P-1 to modify its beam angle depending on the application, while the onboard Lithium-Ion battery pack provides for extended run times without recharge, eliminating the need of cables or mains power. The P-1 is a smart, reliable, and powerful luminaire built in a compact, lightweight, and elegant assembly: an LED wash that sets a new standard for the most demanding users.

Features and benefits

- ✓ Battery-driven IP65 RGBW LED light source
- ✓ Up to 24 hours battery operation
- ✓ 2000K - 10000K CTC control
- ✓ Practically maintenance-free and silent performance
- ✓ 10° (with 10° lens) native beam angle, adjustable via magnetic holographic filters
- ✓ DMX, RDM, and 100% wireless (power and control)
- ✓ Ultra-high-speed strobe effect
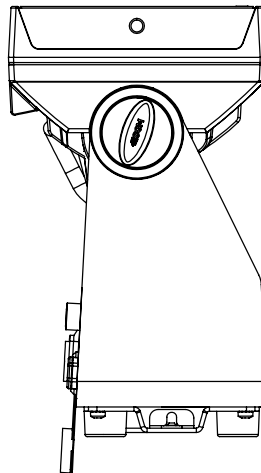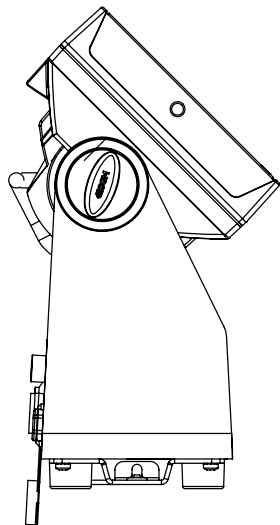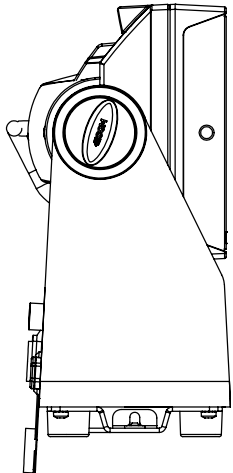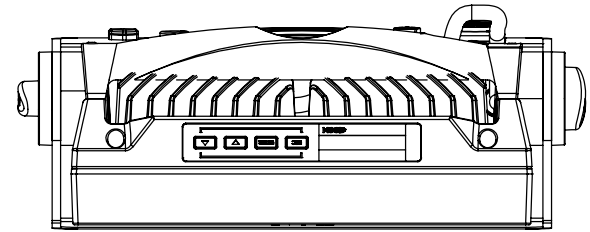- ✓ Flicker-free / Programmable scenes

Certifications & classifications

IP65   RoHS   C €   ETL us PENDING   ECO FRIENDLY

334

310

272

225

110

151

255

P·1

112,5

120
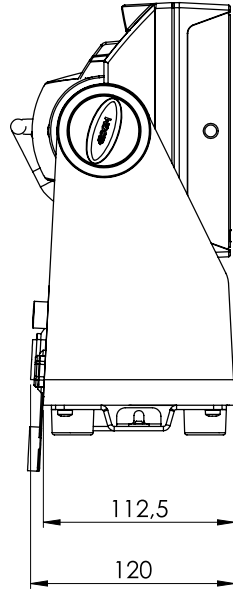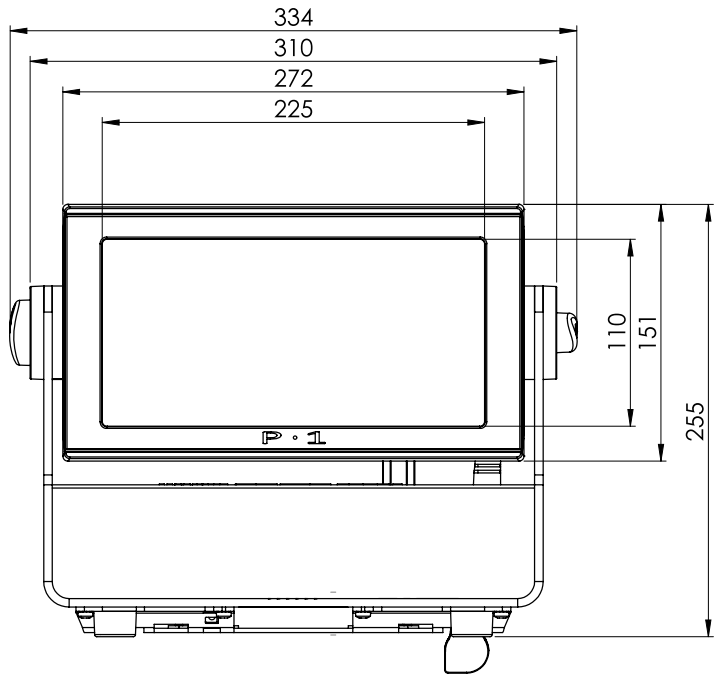
Specification

Optical Data

	LED expected lifetime	50,000 hours
	Lens	10°
	Lightsource	8 x high-power 12.5W RGBW LEDs

Photometric

	Beam angle(s)	10° (with 10° lens) 19° (with Med filter frame) 45° (with Wide filter frame)
	Color temperature range	2000K - 10000K
	CRI typical	80
	Efficacy	33 lm/W
	Light output all LEDs on	3073 lm
	Light output blue	316 lm
	Light output green	1018 lm
	Light output red	544 lm
	Lux @ 10m	514 lux
	Lux @ 3m	5709 lux
	Lux @ 5m	2055 lux
	Maximum Field Angle	22 °

Physical

	Color options	Black - RAL 9004 Custom color - Any RAL White - RAL 9010
	Effective Projected Area	0.85 Square ft
	IP class	IP65
	Lens material	Tempered glass front
	Material	Aluminium PC/ASA Plastic Rubber Steel
	Net dimensions	334 x 254.6 x 119 mm
	Net dimensions inches	13.2 x 10 x 4.7 inches
	Net weight	5.7 kg (12.6 lbs)
	Net Weight Excluding Batteries	5 kg
	Net Weight Excluding Batteries Lbs	11

Features

	Anti Theft Protection	Kensington Lock Anti-Theft protection with movement sensor (Optional)
	Dehumidifier	Base / Head
	Dimming	Electronic

	Filters	Magnetic easy-fit spread angle filters and color frame
	LED panel	2 individually controllable segments
	Strobe	Ultra-high-speed strobe effects
	Tilt	0 - 190°
Electrical	AC power, max.	90 - 264V 50/60Hz
	AC Power, nominal	100 - 240V 50/60Hz
	Electrical Protection	Overload protection with automatic recover
	Max Inrush Current	60 A
	Max power consumption	90 W
	Power Supply Unit	High-efficiency electronic switch-mode
	Standby power consumption	3 W
	Typical power consumption	70 W
Programming and Control	16-bit control	Dimmer, Red, Green, Blue
	Cabled DMX	5 pin XLR input/output
	DMX channels	3, 4, 6, 9, 11 or 16
	DMX modes	6
	Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A Wireless RDM RDM ANSI E1.20
	Setting and addressing	OLED graphical display / 4 buttons RDM ANSI E1.20 Standalone mode
	Standalone mode	Quick Color 3 programs with up to 24 scenes
	Wireless DMX	Lumen Radio with RDM
Connections	DMX data in/out	IP65 XLR 5-pin connector, Female IP65 XLR 5-pin connector, Male
	Power	Power input connector
Installation	Mounting point	2 quarter-turn locking points for one Omega bracket
	Orientation	Any
	Rigging possibilities	Hanging (Omega Bracket included) or ceiling/wall mount (optional)
	Safety features	Bottom mount for safety wire Minimum distance to combutible materials: 0.3 meter (11 in).
Thermal	Cooling	Passive

	Humidity (max.)	98 %
	Temperature range, Battery Operating	-20°C to 50°C
	Temperature range, Battey Start-up	-20°C to 50°C
	Temperature range, Charging	10°C to 45°C
	Temperature range, Operating	0°C to 45°C
	Temperature range, Start-up	0°C to 45°C
	Temperature range, Storage	-20°C to 25°C
	Thermal Protection	Automatic overtemperature protection
Included items	Included items	2 m power cable 1 Omega bracket with quater-turn fasteners Safety instructions and installation quick guide
Battery	Battery capacity	Configurable up to 24 hours
	Battery capacity (typical use)	10 - 12
	Battery charge time up to 100%	6.5 hours
	Battery charge time up to 75%	3.5 hours
	Battery Option	YES
	Battery status	Battery level indicator
	Battery type	Lithium-Ion battery
	Durability	> 1000 cycles
Conforms To	CE - 2014/30/EU: EMC Directive	EN 55103-1 EN 55103-2 EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3
	CE - 2014/35/EU: Low Voltage Directive	EN 60598-1
		EN 60598-2-17 EN 62471 EN 60529
	RoHS2 Directive	2011/65/EU

NOTES:

Due to continuous improvements and innovations, specifications may change without notice.

LEDs' expected lifetime provided by manufacturer and obtained under manufacturer's test conditions.

Zoom range defined as a minimum beam angle to a maximum field angle.

Photometric measurements obtained with Goniometer Scan / SGM Illumination Lab 1.6.0.0.

Lumen output in pixel products is calculated.

Ordering information

Qty	Product name	Item number
☐	P-1, Std, BL, w/batteries	80031501
☐	P-1, Std, WH, w/batteries	80031511
☐	P-1, Std, CU, (incl. Batt)	80031521
☐		

Qty	Accessories	Item number
☐	Omega Bracket with 1/4-turn fasteners	83060602
☐	P·1 Ceiling / Wall Mount	83060614
☐	4-way Barndoors for P·1	83061138
☐	8-way Barndoors for P·1	83061139
☐	Filter frame for P·1 - medium angle	83061140
☐	Filter frame for P·1 - wide angle	83061141
☐	Filter frame for P·1 - elliptical horizontal wide angle	83061142
☐	Filter frame for P·1 - elliptical vertical wide angle	83061147
☐	Flight Case for 4 pcs of P·1	82051009
☐	Flight Case for 4 pcs of P·1 incl. charger	82051010
☐	Battery, Nominal: 21.6 V - Nominal: 3350 mAh	83061709
☐	Battery, Nominal: 21.6V - Nominal: 3350 mAh (2 pcs)	83061710
☐	Flight Case charger cable assembly kit (4 pcs)	83062044
☐	Power cable with IP connector	07860275
☐	SGM USB uploader cable	83062011
☐	Vacuum Test Kit	83061136
☐	A·4	80070217
☐	C·1	80070235
☐	RDM Addressing Tool	
☐	Filter frame for P·1 - optional filters	83061144
☐		