MODEL: AROLLA PROFILE MP

CODE: CL3013

July 3, 2025
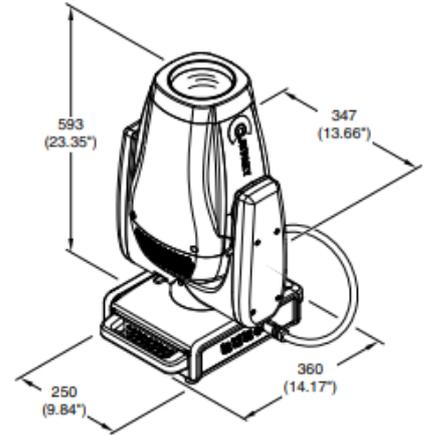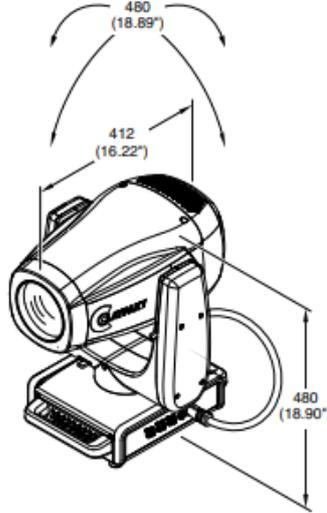
LIGHT SOURCE:

Source type:	• White LED
Power:	• 470 W
Color temperature:	• 6400 K ± 300
CRI:	• 70+ with selectable filter for typical CRI value up to 90
LED life expectancy:	• 40.000 Hrs L70*

* It may vary depending on various factors, such as the type of use and environment

PHOTOMETRIC DATA:

Zoom range:	• 6.2° - 48.8°
Lm output:	• 22054 Lm (integrating sphere)
Front lens:	• Ø 120 mm
Optical syt.:	• High efficiency

NOISE LEVEL:

Fixed presets:	• Auto:	49.8
	• Constant:	49.7
	• Silent:	43.9
	• Theatre:	43.3

CONTROL & CONNECTIONS:

Personalities:	• 2 modes with 37 / 39 control channels
Protocols:	• DMX, Art-Net, sACN, RDM
Connectors:	• Locking 5 pin XLR IN/OUT • RJ45 IN
Power con.:	• PowerCon True1 IN/OUT
Web server:	• Built-in
CloudIO	• Fully compatible

DYNAMIC EFFECTS:

Colors:	• Linear CMY color mixing • Linear CTO: 3000K – 6400K • Fixed color wheel with 7 dichroic colors including high CRI filter
Framing Systems:	• 4 blades with ±60° rotation oof the full system • "Total curtain" effect allowing for the full blackout with each single blade • Built-in macros • The framing modules is interchangeable with the optional Spot version without any setting
Gobos:	• 1 rotating gobo wheel with 7 HD indexable and replaceable gobos • Ext. diam.: 22.9 mm • Image diam.: 17 mm • Thickness: 1.1 mm

Frost:	• Linear heavy frost 5° for wash effect
Rotating effects:	• Aluminium animation wheel with continuous rotation in both direction at variable speed • 1 four-facet prism with rotation in both directions at variable speed
Iris:	• Motorized with variable pulse and random effects
Movement:	• Tilt: 270° - 16 bit • Pan: 540° - 16 bit • Accuracy: Resolution ±0.17° Range 0.34° • Automatic repositioning • Fast / Medium / Slow speed selectable by functional channel • Mechanical Pan/Tilt lock for safe transportation and maintenance
Beam:	• Motorized zoom and focus
Dimmer / Shutter:	• High resolution electronic dimmer - 24 bit, 4 curves • High speed electronic shutter and strobe

HARDWARE & SOFTWARE:

- Long life self-charging battery
- Display graphic LCD backlit B/W display
- Firmware upload from another fixture
- Firmware upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM

HOUSING:

- Aluminium and steel structure with plastic covers
- Two side handles for transportation
- IP20 protection rate
- Working in any position
- Hanging system: with fast-lock Omega clamps (1/4 turn) on the base
- Optional safety chain

ELECTRICAL:

Operating voltage:	• 100-240V, 50/60 Hz
Power Supply:	• Electronic auto range with active PFC
MAX power consumption:	• 740 VA

THERMAL SPECIFICATION:

MAX Ambient temperature:	• 45°C (113°F)
Min Ambient Temperature:	• -20°C (-4°F)
MAX temp. of the ext. surface:	• 90°C (194°F)
Total heat dissipation:	• 2527 BTU/hr ±10% / 2664 kJ/hr ±10%

SAFETY SPECIFICATIONS:

Min. dist. of illum. objs:	• 2.5 m (8'2'')
Min. dist. from flamm. mat.:	• 0.2 m (8'')
Protections:	• Thermally protected power supply (overheating and cooling failure) • Forced ventilation with axial fans • Fuse T10A – 250V

COMPLIANCE:

CE Marking (in conformity to the following):

- 2014/35/EU – Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU – Electromagnetic compatibility (EMC)
- 2100/65/EU – Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

UKCA conforms to UK regulations:
- S.I. 2016 N. 1101
- S.I. 2016 N. 1091
- S.I. 2012 N.3032
- S.I. 2010 N. 2617

cMETus LISTED:
- UL 1573:2003
- CSA C22.2 N.166:2015

PACKAGING:

- Carton box + Polystyrene
- Carton box + Foam shell
- Flight case + Foam shell (4 positions)

WEIGHT & SIZES:

Weight:	• 25 Kg (55.1 lbs)
Base dim.s:	• 250 x 360 mm • 9.84 x 14.17 In
Height with vert. head (h):	• 593 mm • 23.34 In
Dist. b/t 2 fixt:	• 480 mm

ACCESSORIES:

Omega bracket:	• 2x183102/805 (Included)
ETL Power:	• CAB02/802 (Optional)* *Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)
Foam shell:	• F21324/001 (Optional)
Flight case (4 pos):	• CF1008F (Optional)
Safety Chain:	• 105041/003 (Optional)
Kit Arolla Spot MP Gobo Module Converion:	• CA3007C00100 (Optional)