Diamond 7

ORDER CODE: DIAMOND7BK



VERSIONS

	Code	Housing
	**DIAMOND7BK**	**Black**
	DIAMOND7WH	White
	DIAMOND7CR	Chrome

SOURCE
7x15W RGBW Osram Ostar LEDs

ZOOM RANGE
6° - 66° motorised linear zoom

IP RATING
IP20

WEIGHT
6,4kg / 14.11lbs

Downloaded on 07/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	7x15W RGBW Osram Ostar LEDs
Lux:	(6°) 10'980 lx - (66°) 745lx @3 m full
Source life expectancy:	> 50.000 h

OPTICS

Zoom range:	6° - 66° motorised linear zoom
Lens diameter:	126mm
Lens type:	honeycomb gapless plano-convex optics

COLOUR SYSTEM

CCT:	CCT control through dedicated DMX channel
White presets:	2.000 K ~ 10.000K
Colour wheel:	virtual colour wheel with macros

DYNAMIC EFFECTS

Pixel patterns:	pre-programmed static and dynamic pixel patterns
FX generator:	adjustable foreground/background colour, index, speed, direction
Special features:	Pixels controlled through On/Off switch for simplified control and budget friendly

CONTROL

Supported Protocols:	DMX512, RDM
DMX channels:	18 / 19 / 20 / 26 / 50ch
Pixel control:	pixel2pixel control through on/off switch
RDM:	for remote addressing and parameter configuration
Display:	LCD high resolution colour display
Hibernation:	power safe mode when lost DMX
Master/Slave:	for synchronised operation of more units linked in a chain

MOVEMENT

Pan:	630° - 8/16-bit resolution
Tilt:	265° - 8/16-bit resolution
Position feedback:	automatic repositioning after external movement

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Strobe / shutter:	1 - 25 Hz, electronic
Display battery:	included, self-charging battery backup
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX2 (not included)

CONNECTIONS

Power connection:	Neutrik powerCON IN/OUT connectors
Signal connection:	Amphenol XLR 3p + 5p IN/OUT connectors
Wireless Connection:	optional W-DMX receiver

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	125W
Output (at 230V):	12 units on a single power line
Max power consumption (120V):	125W
Standby power:	15W
Power factor:	> 0.93

PHYSICAL

IP rating:	IP20
Cooling:	heat pipe with low-noise fan
Housing:	Aluminium structure with high-resistance polycarbonate cover
Finish:	black or white finishing
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	278x348x200mm
Weight:	6,4kg

Downloaded on 07/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

INSTALLATION

Suspension and fixing:	any position with quick-lock Omega brackets

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM

BOX CONTENT

1 x DIAMOND7

1 x OS24PLUS

1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON power connector)

ACCESSORIES & RELATED PRODUCTS



OS24PLUS

Quick-lock omega bracket, M12 hole



FCLDIAMOND7

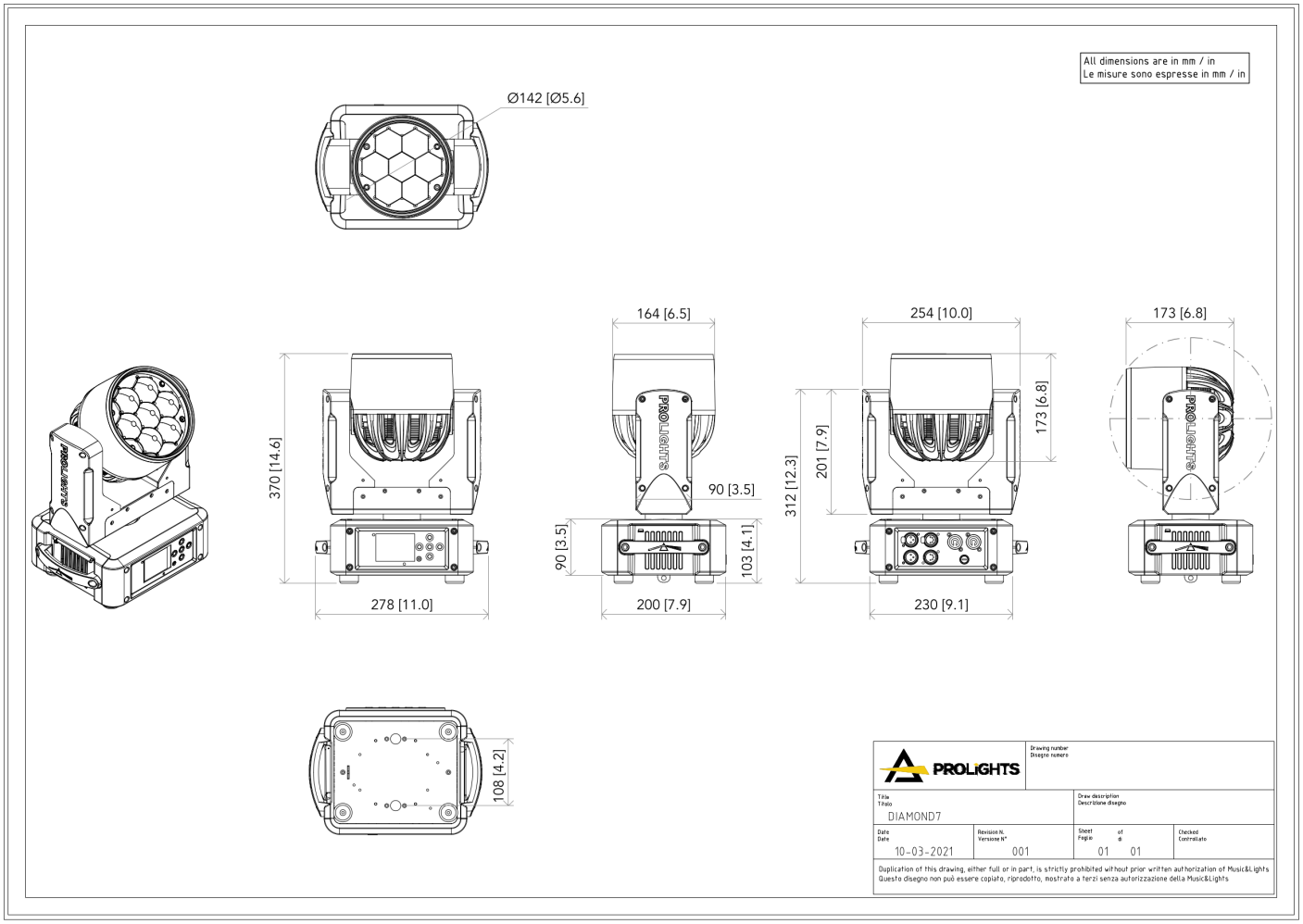
Flight case for 4pcs of DIAMOND7



UPBOXPRO

Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



Downloaded on 07/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice