Diamond 37

ORDER CODE: DIAMOND37



SOURCE

37x15W RGBW Osram Ostar LEDs

ZOOM RANGE

6° - 66° motorised linear zoom

IP RATING

IP20

WEIGHT

16kg / 35.27lbs

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	37x15W RGBW Osram Ostar LEDs
Lux:	(6°) 15'530 lx - (66°) 5'200lx @5 m full
Source life expectancy:	> 50.000 h

OPTICS

Zoom range:	6° - 66° motorised linear zoom
Lens diameter:	298mm
Lens type:	honeycomb gapless plano-convex optics

COLOUR SYSTEM

CCT:	CCT control through dedicated DMX channel
White presets:	2.700 K ~ 9.000K
Colour wheel:	virtual colour wheel with macros
Macros:	several pre-built pixel macros with adjustable speed

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, Art-Net, W-DMX
DMX channels:	19 / 22 / 41 / 170ch
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

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	520W
Max power consumption (120V):	520W

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 TRUE1 IN connector
Signal connection:	Amphenol XLR 5p IN/OUT connectors
Wireless Connection:	integrated W-DMX receiver
Data connection:	Art-Net RJ45 IN/OUT

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TECHNICAL SPECIFICATIONS

PHYSICAL

IP rating:	IP20
Cooling:	heat pipe with low-noise fan
Housing:	Aluminium structure with high-resistance polycarbonate cover
Finish:	black
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	427x559x235mm
Weight:	16kg

INSTALLATION

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

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM

ACCESSORIES & RELATED PRODUCTS



OS24PLUS
Quick-lock omega bracket, M12 hole



FSHLW02
1U Foam shell compatible with DIAMOND37, STARK1000



FCLDIAMOND37
Flight case for 2pcs of DIAMOND37



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

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TECHNICAL DRAWINGS

