XDC1 IP/HYBRID

GLP

Preliminary Data

Key Facts

○ Powerful diffuse double strobe line

○ 10° washlight for long distances

○ Excellent light quality based on X5 Platform and iQ.Gamut technology

○ weatherproof according to IP65

○ Vertical or horizontal alignment system

Technical Data* (1/2)

LIGHT SOURCE

Light Source Type	2x60 White LED
	3x6 40 W RGBL LED
TLCI Wash	90 @ 6,500 K
	75 @ 3,200 K
TM-30-15 (Rf/Rg) Wash	87/105 @ 6,500 K
	85/110 @ 3,200 K
Duv Wash	perfect white point match low Duv values

OPTICAL SYSTEM

Total Output	
Wash	up to 18,700 lm
Strobe	up to 66,400 lm
Strobe+Wash	up to 85,100 lm
Beam Angle (without filter)	Strobe: 140°/45° Field Angle
	Wash: 10° Beam Angle

DYNAMIC EFFECTS

Color mixing	RGB, RGBL, x;y
Color Wheel	virtual Colorwheel with 64 LEE referenced colors
CTC	2,500 – 10,000 K
CQC	High Output (HO), High Quality (HQ), Desaturation
Magenta/Green-Shift	yes
Tungsten Simulation	8 selectable curves
Pattern Effects	wide range of static and dynamic pattern effects with XFade and Transition
Color Mix Priority	different Layer Priority settings
Dimmer	0 – 100 %, 16 bit
Flash Rate / Intensity	Strobe to continuous open,
Effects Speed	different Intenisty Effect speeds
Intenisty Effects	wide range of intensity effects

CONTROL AND PROGRAMMING

DMX channels	M1: 21 / M2: 50 / M3: 58 / M4: 113 / M5: 80 / M6: 92 / M7: 53
Control Modes	7
Control Protocols	DMX (USITT DMX512-A), RDM (ANSI/ESTA E1.20), Art-Net, sACN, GLP iQ.Mesh, Lumenradio CRMX @ FPO (optional)
Manual Tilt Movement Angle	180°
High-Res Channels	Dimmer, Colormix
Color Mix Modes	RGB, RGBL, x;y
White Points	6,500 K (Default); 8,000 K; 5,600 K; 4,200 K; 3,200 K

* Preliminary Data. Subject to change.

iQ.Gamut	Full, Rec.709, Rec.2020
Dimming Curves	Linear, Soft, S-Curve
Power Modes	Dynamic (Default), Max Strobe, Max Wash, Balanced
Flash Style	Normal, Xenon
Duration Control	Normal, Percentage
Fan Modes	Regulated (Default), High, Medium, Low, Off
Subfixture Mode	Normal, independent
PWM	Optimal, High 1, High 2, Max
No-Signal	Blackout, Hold, Houselight, Stand Alone Scene
Hibernation	yes
Setting and addressing	Control panel with backlit graphic display, 4 Button Menu Navigation, DMX, RDM, iQ.Service App, integrated Webinterface
Others	1 Scene Stand Alone, Art-Net/sACN Node, Data Conversion, GLP iQ.Mesh, FPO Port (Flexible Protocol Option), internal Webinterface, SW Fixture2Fixture Push
Firmware Update	DMX Link via DProg, internal Webinterface, GLP iQ.Mesh, Fixture2Fixture Push

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In / Out
Signal connection	Neutrik Top Series XLR 5-Pin In / Out
	Neutrik Top Series etherCON port A & B (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC nominal, 50/60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Fuse	T16A 250V 6x32mm
Max. number of products per current line	1 @ 100 – 120 V, 60 Hz 2 @ 200 – 240 V, 50 Hz
Max. Power (@ 230 V)	1,100 W, 11.7 A , PF 1.00
Idle Power (@230 V)	50 W

THERMAL SPECIFICATIONS

Cooling Type	Combined air forced and convection cooling
Temperature range, Operating	5 °C / 40 °F to 45 °C / 115 °F
Thermal Protection	Automatic overtemperature protection
Total heat dissipation (calculated, +/- 10 %)	3,760 BTU/h

INSTALLATION

Mounting	1 pair of 1/4-turn locks at bracket, 3x 13mm hole for rigging clamp, 4x hanging eyelets, Safety Cable attachment point
Orientation	any
Location	non-permanent outdoor, permanent indoor

CONSTRUCTION

Housing Color	Black
Housing Material	High-impact flame-resistant thermoplastic, Aluminium, Steel Metal Plates
Protection Rating	IP 65
Construction Features	Tiltable Bracelet, Alignment System, 4 Screw Threads for installation of external accessories, same vertical pixelpitch (Wash)

DIMENSIONS & WEIGHT

Height (bracket straight up)	361 mm / 14.21 in
Height (bracket vertical)	300 mm / 11.8 in
Width (across yoke)	400 mm / 15.75 in
Depth with filter frame (bracket straight up)	206.3 mm / 8.12 in
min. center-to-center distance	>400 mm / >15.748 in >300 mm / >11.811 in
Weight (netto)	22.5 kg / 49.6 lbs

INCLUDED ITEMS

1x GLP XDC1 IP Hybrid
2x Ball Locking Pin
1x Safety Guide
1x powerCON True1 power cable

OPTIONAL ACCESSORIES

	ART. NO. AND INFO
XDC Floorstand	787030
XDC1 IP Hybrid Filter Frame	787015
XDC1 IP Filter A, narrow	787016, for 18° Beam Angle
XDC1 IP Filter B, medium	797017, for 28° Beam Angle
XDC1 IP Filter C, wide	787018, for 35° Beam Angle

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Subject to change.

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