



Type(s)

Project

Date

Notes

GENERAL INFORMATION

Surprisingly compact and impressively bright, the Dataflash 5000 brings a dynamic strobe and blinder solution to any stage. Designers can make the look their own with the ability to go from a warm 3200 K strobe to a cool 7500 K strobe, plus eight segment RGB Pixel control all backed by more than 50,000 lumens of powerful light. The included Reflector Dome and EC Dome make the design even more customizable, whether designers want high-impact strobes or eye-catching effects. With an IP65 rating, Dataflash 5000 shines brightly at indoor and outdoor gigs.

Applications

- Live entertainment
- Concerts
- Theatres
- Corporate events
- TV studios

Product Features

- High-Impact 3200-7500 K strobe LED
- 120 RGB LEDs controllable in eight macro-and pixel-controlled segments
- 1000 W total LED power
- Fixture output exceeding 50,000 lumens
- Weatherproof (IP65)
- Controlled high-impact strobes at 60 degrees with the distinctive Reflector Dome (included)
- Unleash blazing strobe and eye candy power with alternative "EC" Dome (included)
- Patented HazeFree™ coatings keep domes clean and bright
- Back-lit UI with four-button navigation

ORDERING INFORMATION

Model	Description
DF-5000	Dataflash 5000, Black in Recyclable Packaging

Included Accessories: Fixture includes yoke, Reflector Dome, EC Dome, one (1) fixture power cord - bare ends to X Series IP65 input, and a safety cable.

Accessories

Model	Description
T1PA-A	Fixture Power Cord, 5 ft powerCON® TRUE1® TOP to NEMA 5-15 (Edison)
2560B7005	Fixture Power Cord, Stage Pin to powerCON TRUE1 TOP, 20 A
2560B7006	Fixture Power Cord, L6-20 to powerCON TRUE1 TOP, 20 A
2560B7007	Fixture Power Cord, L5-20 to powerCON TRUE1 TOP, 20 A
MEGA-CLW	MegaClaw™
HALF-COU	Cheeseborough 2" Alloy 1/2 Coupler Truss Clamp
MINI-CLW SLV	Mini-Claw™, Silver
MINI-CLW BLK	Mini-Claw™, Black

PRODUCT SPECIFICATIONS

Source

LED Engine (Center)	Dual White LED COB
LED Engine (Eye Candy)	120 x Custom RGB LEDs
Max Integrating Sphere Lumens	52,000
LPW	52
LED Life	50,000 hours

Color

Color Mixing	RGB color mixing in eight (8) segments across fixture face
Color Temperature	Variable from 3200 K to 7500 K via CT channel

Optical

Light Dispersion (with Reflector Dome)	60° central blinder/strobe Wide area and haze color light distribution
Light Dispersion (with EC Dome)	120° degree color and white distribution
Aperture Size	216 mm
Flicker Control/Hz Range	2.4 kHz and 16.6 kHz

Control

Input Method	DMX (5-pin)
Protocols	DMX via RS-485
Modes (Channel Footprint)	Reduced (7), Standard (19), or Expanded (40)
RDM Functions	Yes
Strobe Functions	Yes
Macro Functions	Yes
Pixel Control	Eight (8) pixel segment control
UI Type	Black and white display with 4-button navigational control NFC configuration
Local Control	Yes
Dimming Performance	16-bit, DMX controlled

Electrical

Voltage Range	100–240 V 50–60 Hz
Input Method	Seetronic® X Series IP65 input or powerCON TRUE1 TOP
Wattage	1000 W
Current (Max)	9.54 A @ 100 V 3.62 A @ 240 V
Inrush (First Half Cycle)	120 V: 25 A 230 V: 101 A
Fixtures per Circuit	1 fixture (R20 module or similar) Note: X Series IP65 connector rated for 20 A (120 V/60 Hz) and 16 A (240 V/50 Hz)

Thermal

Ambient Operating Temp	-10°C to 40°C (14°F to 104°F)
Continuous Operation	Yes
Fan Mode	Four fan modes: Boost, Standard, Studio, Quiet

Physical

Materials	Aluminum with acrylic dome
Color Options	Black
Mounting Options	Any orientation
IP Rating	IP65
Weight (with Reflector Dome)	7.0 kg (15.5 lb)
Included Accessories	Reflector Dome EC Dome X Series IP65 to bare end fixture tail Yoke Safety cable

Warranty

Fixture Warranty	Five (5) years for light engine Two (2) years for complete fixture
Warranty Details	etcconnect.com/Support/Warranty.aspx

Regulatory & Compliance

Approved Regulatory Standards	cETLus Listed Listed to UL 1573 Certified to CSA STD. C22.2 No: 166 CE Compliant UKCA Compliant
Complies to the ROHS Directive	Yes

Safety

Safety	Minimum distance to illuminated surface = 1.0 m (3.4 ft) Minimum distance from fixture head to combustible materials = 0.1 m (4.0 in)
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Notes: All LED sources experience some lessening of light output and some color shift over time. LED output will vary with thermal conditions. Thermal conditions can be affected by ambient temperatures and orientation.

PHOTOMETRIC DATA

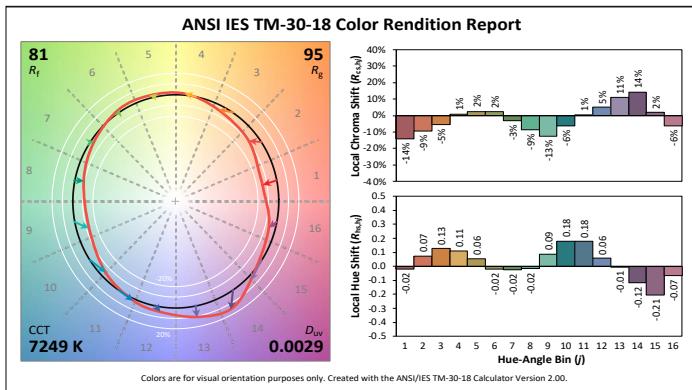
Dataflash 5000 - Central Tunable White Strobe

	Degree	Max Lumens	Power Usage	Lumens Per Watt
3200 K W/ Reflector	60°	19,204	341 W	57
3200 K No Reflector	120°	17,545	341 W	52
5400 K W/ Reflector	60°	35,607	539 W	66
5400 K No Reflector	120°	32,291	539 W	60
7500 K W/ Reflector	60°	23,064	327 W	70
7500 K No Reflector	120°	20,882	327 W	64

Dataflash 5000 - RGB (No Reflector)

	Degree	Max Lumens	Power Usage	Lumens Per Watt
Red	120°	3,020	111 W	27
Green	120°	15,787	134 W	117
Blue	120°	2,009	145 W	14

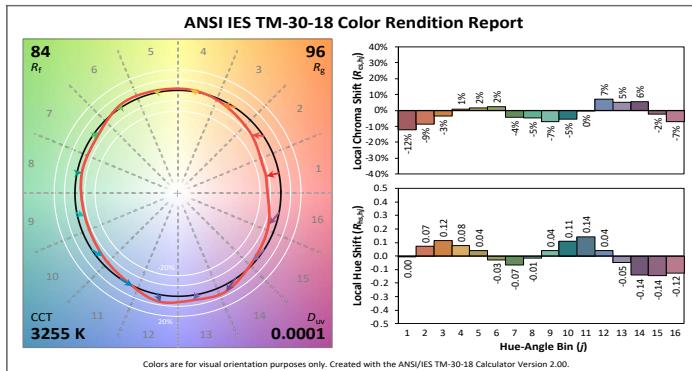
Central White Strobe - Cool



Additional Color Metrics

CRI R_a (R_g)	81 (-1)
TLCI	65

Central White Strobe - Warm



Additional Color Metrics

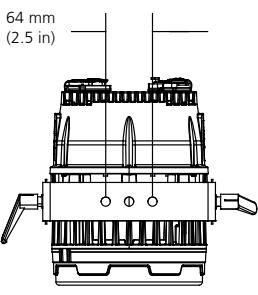
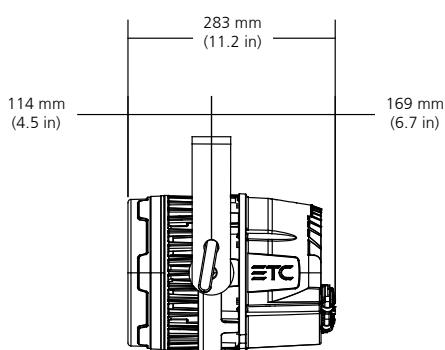
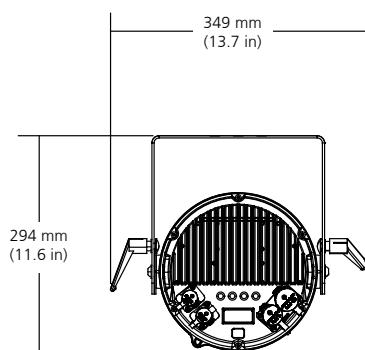
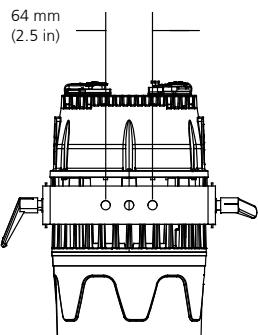
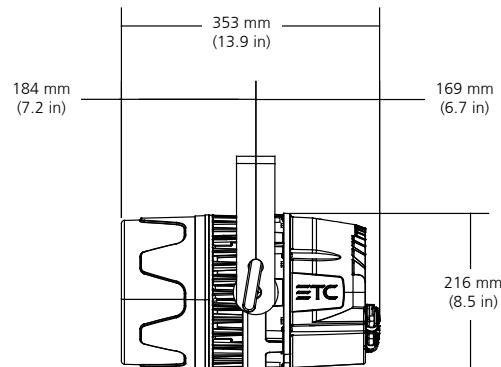
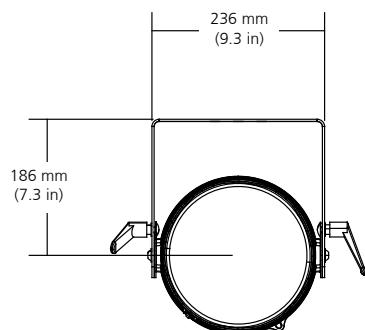
CRI R_a (R_g)	82 (4)
TLCI	68

Product Dimensions

Model	Height		Width		Depth		Weight	
	in	mm	in	mm	in	mm	lb	kg
Dataflash 5000**	8.5	216	13.7	349	14.5	370	15.5	7.0
Dataflash 5000 in Box with Foam Insert	10.6	270	16.25	413	20.75	527	19.4	8.8

**Does not include yoke or mounting hardware

Dataflash 5000



Power Table

VAC	Amps	Hz	Watts	VA	PF
100	9.5	50	950	955	0.99
120	7.7	60	924	925	0.99
200	4.4	50	880	884	0.99
208	4.3	60	894	895	0.99
220	4.0	50	880	881	0.99
230	3.8	50	874	875	0.99
240	3.6	60	864	871	0.99

ADDITIONAL ORDERING INFORMATION

Additional Accessories

Model Number	Description
DF5-RD	Replacement Reflector Dome
DF5-EC	Replacement EC Dome



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