



zylight
USA

International Catalog

Zylight is an Ushio America brand.



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FORM • FUNCTION • RELIABILITY • SERVICE

Zylight, was founded by James and Charles Collias in 2003 with a simple mission: Bring the best and most intelligent lighting solutions to the production industry. Our products have been rigorously designed by a team of professionals with over 100 years of combined experience to make your job easier, and to get you the best results possible. From run-and-gun ENG, to Hollywood sound stages, to the frigid summit of Mt. Everest, our team and our products have been there to back you up – with tested and proven results.

Zylight's products are designed to merge form and function to deliver rugged, reliable, and integrated lighting solutions worldwide. Numerous domestic and international industry awards have kept the Zylight name in the forefront of LED innovation, along with unique wireless integration, and other patented technologies.

OUR PRODUCTS

Zylight's products are designed by our team of engineers and designers with experience in advanced fields ranging from autonomous aircraft to digital cameras to submarines. We source components for our fixtures from all over the world – Germany, England, Japan, China, Korea and of course the US. Our instruments are finally assembled, calibrated, and tested right at our California based facility.

Work smarter and choose innovative and reliable instruments from Zylight for all of your professional lighting needs.



zylight

The
NEWZ



Be Unique



- Ultra-Bright LED Matrix – TLCI 96 / CRI 95
- Variable Color Temperature – 3000-6000K
- Color Temperature Memory Setting
- Water Resistant (IP54)
- 100% Dimming Control with LED Display
- Passive Cooling Through Rugged Heatsink
- Integrated Articulating Arm
- Quick Release Base
- Custom Barn Doors with Supplementing Diffuser
- Battery or Optional Worldwide AC Power Supply
- D-Tap Input
- ZyLink™ Wireless Control



Run-andGun with Style

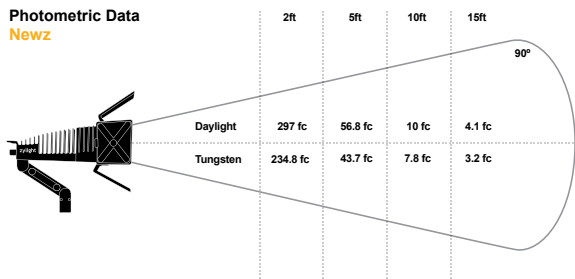
The Newz on-camera light delivers unmatched flexibility in the field. Fully dimmable with variable color temperature, it delivers bright, natural looking light. A one-touch quick release base makes setup and breakdown a snap, and the unique articulating arm with continuous friction hinge makes it easy to adjust on the fly. Water resistant (IP54) and built to last, the Newz can handle the worst weather conditions and busiest ENG schedules.

Newz Specifications

Mechanical Size:	5.8" x 2.8" x 2.2" [147mm x 71mm x 56mm]
Weight:	16oz [454g]
Power:	5 - 20V CD
Energy Use:	15W max. [1.25A @ 12VDC]
AC Adapter:	DC 100 – 240V AC, 50/60Hz
Color Temp:	Continually Variable. 3000-6000K
CRI Index:	92+
Beam Angle:	60° FWHM – 90° Total Field
Dimming:	100-0%
Cooling:	Passive / Silent
Operating Range:	-20 ±40C
Electrical Option:	Worldwide AC Power Supply, 7.2 or 14.4v Camera Battery Powering. Integrated D-Tap Cable
Mounting:	Integrated Articulating Arm, 1/4-20 Socket/Hot Shoe
Wireless Frequency:	2.45 GHz
Wireless Channels:	10, User Selectable
Assembly Materials:	Aircraft Aluminum
Calibration:	Factory
IP Rating:	54
Variable Refresh Rate:	11.8 KHz
LED:	High CRI LED - 50,000 hrs. min.
Certifications:	IEC, FCC, IC

Specifications subject to change without notice. The Zylight Newz is protected by multiple US and Foreign patents with other US and Foreign patents pending.

Photometric Data
Newz



BATTERY
POWER



WIRELESS



CRI



SNOW



RAIN



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Go-Panel

NEW!

Be Anywhere



GO ANYWHERE!

- Rugged 100W Bi-Color LED Panel
- Active Diffusion™
- +/- GREEN Control
- 3100K – 6000K Variable White
- Superior Color TLCI 96 / CRI 94
- IP65 Weather Protection
- Fanless / Passive Cooling
- AC or Battery Operation
- Wireless Control



Experience Active Diffusion™

Designed for professional broadcast news and run-and-gun shooting, the IP65-rated Zylight Go-Panel is the “go-to” light for durable and reliable field use in all weather conditions. Bi-color versatility, \pm Green adjustment, and variable beam spread with built-in Active Diffusion™ technology improves the user’s adaptability in their location.

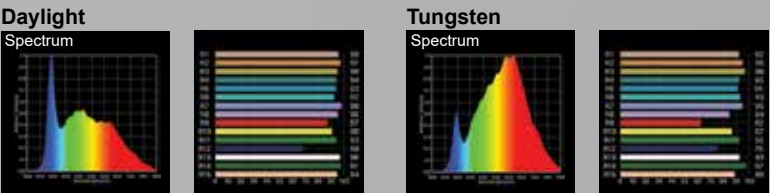
Lighting control has never been easier! Diffusion filters or removable panels are a thing of the past. With our patented Active Diffusion™ technology, you can electronically adjust your diffusion with the turn of a knob. This breakthrough technology allows incremental adjustments of diffusion levels without reaching for a gel or assembling diffusion accessories. The tight 26-degree beam adds the needed punch for outdoor shooting against the sun but will gently widen and spread when using Active Diffusion. Variable white color temperatures from tungsten (3100K) to daylight (6000K) can be adjusted on the fly along with \pm Green control for quick color correction.

The Zylight Go-Panel delivers flexibility in the field. It includes a worldwide AC power supply, or can be powered by a 14.4V camera battery through an attached battery plate. A single integrated friction hinge allows perfect placement at any angle with one-hand tilting. No bulky yoke to deal with and the small hinge keeps the fixture profile slim for easy travel. Built-in remote control options allow your choice of DMX, Bluetooth, and LumenRadio.

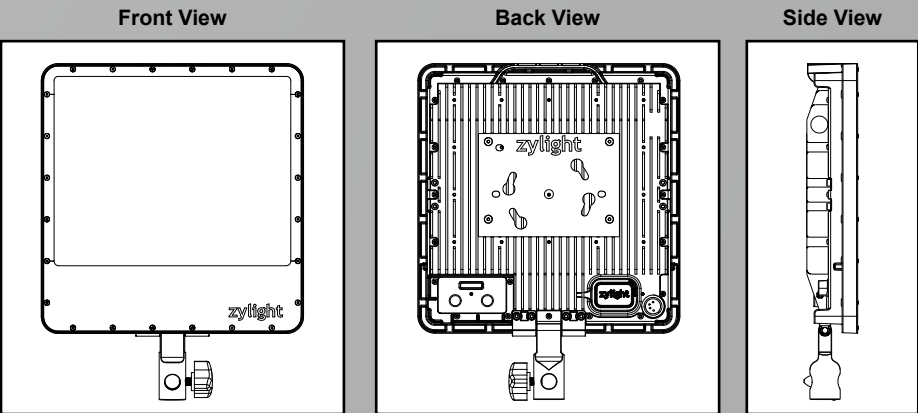
The innovative Go-Panel is truly a unique fixture that stands apart from the panel crowd.

Go-Panel Specifications

Distance	1m	1m	5 feet	5 feet
Color Temperature Setting	3100K	6200K	3100K	6200K
Active Diffusion setting @ 0	1201fc	1131fc	590fc	553fc
Active Diffusion setting 100%	422fc	401 fc	193fc	189fc



Go-Panel Line Drawings



Mechanical

Width: 277mm (10.9")	Height (stand mount folded): 285mm (11.2")
Depth: 95mm (3.7")	Height (stand mount extended): 355mm (14.0")



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The

F8-100

The Flat Fresnel



Also available
in WHITE



- High CRI, High TLCI LED Light Engine
- Passive Cooling - Fanless, Silent Operation
- Thin, Lightweight & Award Winning Design
- IP54 Weather Protection
- 3200K Tungsten TLCI 98 / CRI 97
- 5600K Daylight TLCI 98 / CRI 96
- Variable Spot/Flood
- Single Shadow Beam Shaping
- Dimmable 100 – 0%
- Sturdy, Durable Aluminum Construction
- Designed and Finished in the U.S.A.

Be Focused



It's Not Just Flat, it's Flexible

It may be the "Flat Fresnel," but the light quality of the F8-100 is anything but dull. The fully dimmable F8-100 uses an included AC power supply or a standard 14.4V camera battery, collapses to less than five inches thick (12cm), and is water resistant (IP54) so it's great for ENG. Plus, it features traditional Fresnel beam shaping, spot to flood operations, and custom barn doors. Perfect for studio or field use.

F8-100 Fresnel Specifications

Mechanical

Lens Diameter: 8" [200mm]
 Size: 15" x 12.6" x 4.6"
 [380mm x 320mm x 120mm]
 Weight: 9.5lbs. [4.3kg]
 Mounting: Standard Yoke
 Pole Yoke Mount (Optional)
 Weather Resistance: IP54

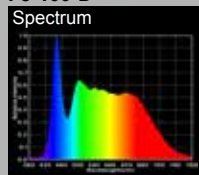
Electrical

Input: 10 - 20 VDC, 4 -Pin XLR
 14.4v Battery Plate (Optional)
 Power: 100W (8.0 Amps @ 14.4VDC)
 Cooling: Passive / Silent
 Control: Rear Panel Local, ZyLink Wireless, DMX512A

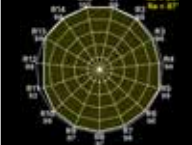
Photometrics

Beam Angle: Variable 16° - 70°
 Dimming: 100-0%
 Color Temperature: F8-T (3200K), F8-D (5600K)
 LED Life: 50,000 hrs. Minimum

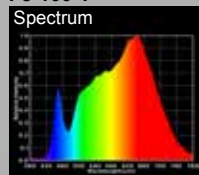
F8-100-D



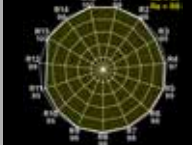
R1-R15



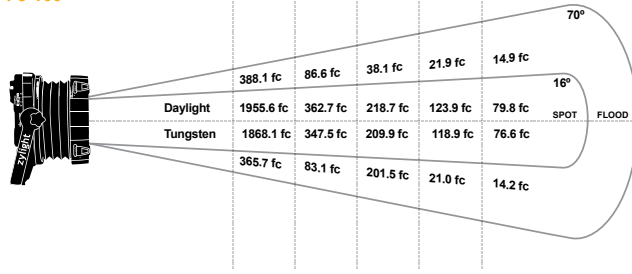
F8-100-T



R1-R15



Photometric Data F8-100



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The

F8-200

The Flat Fresnel



- High CRI, High TLCI LED Light Engine
- AC or Battery Operation
- IP54 Weather Protection
- Compact/Durable. ENG Friendly
- 3200K Tungsten TLCI 98 / CRI 97
- 5600K Daylight TLCI 98 / CRI 96
- Variable Spot/Flood
- Single Shadow Beam Shaping
- Dimmable 100 – 0%
- Sturdy, Durable Aluminum Construction
- Designed and Finished in the U.S.A.



Tame The Sun

The F8-200 collapses to less than 5" thick, for easy transportation and storage in one of our custom single or dual ATA-rated soft cases. It comes with a worldwide AC adapter, or you can power it in the field from a pair of standard 14.4V camera batteries or a single 26V battery, for complete portability. The F8-200 LED Fresnel has a higher output than a 400-watt HMI for the needed punch of light on a bright sunny day. Its weather-resistant IP54 rating ensures the F8-200 will keep shining in rain, snow, or blowing dust. Don't try that with your traditional Fresnel.

In the studio, all the functionality of the F8-200 can be controlled via DMX or remotely via the built-in ZyLink™ wireless system. There is also a studio yoke option for permanent installation, and at 15" x 12" x 4" it will take up considerably less space in your grid. Its ultra-quiet fan operation means it can run in a studio setting without disrupting audio recording.

F8-200 Fresnel Specifications

Mechanical

Lens Diameter:	8" [200mm]
Size:	15" x 12.6" x 4.6" [380mm x 320mm x 120mm]
Weight:	10.25lbs. [4.7kg]
Mounting:	Standard Yoke Pole Yoke Mount (Optional)
Weather Resistance:	IP54

Electrical

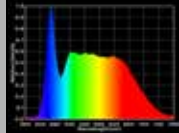
Input:	24 - 32 VDC, 4 -Pin XLR, (2x) 14.4v Batteries RawPower Battery Module (Optional), or (1x) 26VBattery
Power:	200W (10.0 Amps @ 24VDC)
Cooling:	Active "Silent Running" Fan
Control:	Rear Panel Local, ZyLink Wireless, DMX512A

Photometrics

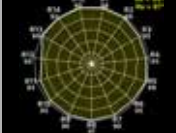
Beam Angle:	Variable 16° - 70°
Dimming:	100-0%
Color Temperature:	F8-T (3200K), F8-D (5600K)
LED Life:	50,000 hrs. Minimum

F8-200-D

Spectrum

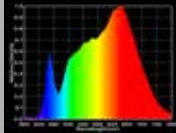


R1~R15



F8-200-T

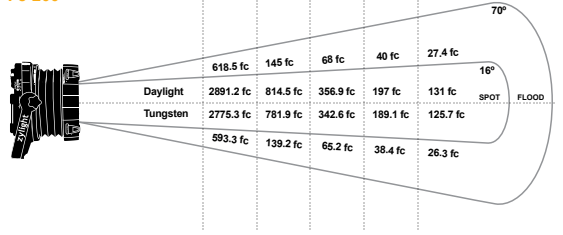
Spectrum



R1~R15



Photometric Data F8-200



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POWER



WIRELESS



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The F8-200 Bi-Color

NEW!

The Flat Fresnel



- 2800K – 6000K Variable White
- TLCI 96-97
- 8" Schott™ Glass Fresnel
- AC or Battery Operation
- IP54 Weather Protection
- Compact/Durable. ENG Friendly
- Single Shadow Beam Shaping
- Dimmable 100 – 0%
- Sturdy, Durable Aluminum Construction
- Designed and Finished in the U.S.A.

F8-200 Bi-Color Fresnel Specifications

Mechanical

Lens Diameter: 8" [200mm]
 Size: 15" x 12.6" x 4.6"
 [380mm x 320mm x 120mm]
 Weight: 10.25lbs. [4.7kg]
 Mounting: Standard Yoke
 Pole Yoke Mount (Optional)
 Weather Resistance: IP54

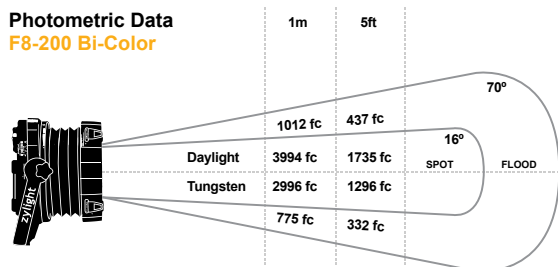
Electrical

Input: 24 - 32 VDC, 4 -Pin XLR, (2x) 14.4v Batteries
 RawPower Battery Module (Optional),
 or (1x) 26VBattery
 Power: 200W (10.0 Amps @ 24VDC)
 Cooling: Active "Silent Running" Fan
 Control: Rear Panel Local, ZyLink Wireless,
 DMX512A

Photometrics

Beam Angle: Variable 16° - 70°
 Dimming: 100-0%
 Color Temperature: 2800K-6000K
 LED Life: 50,000 hrs. Minimum
 6000K – TLCI 97 / CRI 96
 2800K – TLCI 98 / CRI 98

Photometric Data F8-200 Bi-Color



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The IS3/c



Color Your World

Forget the paintbrush. Light your set with the perfect color – even chromakey - blue or green with the wide and soft output of the IS3 and IS3c LED Lights. Zylight's Color Mode produces millions of colors without gels or filters. Find the right color with on-board controls or your iPhone with ZyLink Bridge, and save your favorites with the touch of a button. Or keep it white and bright – both the IS3 and IS3c are fully dimmable and feature adjustable color temperature and color correction. The “c” originally for Chimera - Soft boxes are now offered from both Chimera or DoP Choice.

IS3c Fresnel Specifications



Mechanical

Size: 18.5" x 10.75" x 1.9"
Weight: 11lbs.
Mounting: Yoke, Industry-Standard Mounting Plate

Electrical

Input: 48V DC
AC Adapter: 100 - 240V, 50 - 60Hz
Power: 220W max.

Photometrics

Beam Angle: 90°
Dimming: 100-0%
Presets: White Mode - Two User Defined
Color Mode - Two User Defined
LED Life: 50,000 hrs. Minimum Before Factory Recalibration

Specifications subject to change without notice. The Zylight IS3 is protected by multiple US and Foreign patents with other US and Foreign patents pending.



Photometric Data IS3/c



	5ft	10ft	15ft	20ft	25ft
Daylight	113 fc	26.4 fc	11.2 fc	6.6 fc	4.5 fc
Tungsten	123.9 fc	29.5 fc	12.4 fc	7.2 fc	4.7 fc

- Variable Color Temperature & Color Correction
- Full Color Output for Washes, Highlights & Effects
- Built-in DMX & Wireless Control
- Passive Cooling - Fanless, Silent Operation
- Available with Chimera™ or DoP Choice Softbox
- Durable - Versatile - Award Winning

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Pro-Palette

Powerful Color Wash for Cycloramas and Backgrounds



Even, Asymmetric Output

Project Color up to 25' (8m)

RGBW LED Wash

DMX and RDM Ready



Be Colorful

A Better, Brighter Backdrop

The Zylight Pro-Palette is a LED cyclorama lights designed for TV studios and theatres. It is powerful, energy-efficient and able to change colors smoothly through DMX controls. It produces a soft and even field of asymmetrical light in a choice of RGBW (for a backdrop of multi-color mixes), or pure white light.

Available as a single unit, the Pro-Palette can be easily daisy chained through 4 units side by side providing greater saturation of light. The Pro-Palette has a simple and intuitive local control panel for setup, control and addressing, can be dimmed smoothly from 0 to 100%, and is RDM ready.

Pro-Palette 350w Asymmetric Cyc Light

PART NUMBERS:

26-01077

MODEL:

Pro-Palette - 350w Asymmetric LED Cyc Light

MECHANICAL DATA

Construction:

Extruded aluminum alloy and steel plates to form light weight and rigid fixture construction

Paint / finish:

Epoxy-polyester powder paint

Mounting & suspension:

Steel stirrup with 12mm centre hole + DIN mounting

Floor use:

Four plastic feet at fixture bottom

ELECTRICAL DATA

Power Input:

100~240VAC single phase

Frequency/current:

50/60Hz – 1.5A@220V

Power Consumption:

350W at full power, 5W in sleep mode

Power Input:

PowerCon , Locking 3 pole connector, Blue

Power Output:

PowerCon , Locking 3 pole connector, White

Power Loss:

Last Scene Hold

Cable:

2m, 3 x 1.5mm flexible cable

Standard Compliance:

EN60598-2-17, CE marked

OPERATIONAL DATA

Working Position:

0° - 180°, suitable for truss mount and floor use

Signal Input/output:

XLR 5-pin male/female connectors, USITT DMX-512A

Control Modes:

RGBW / HSI / CCT / Effects

Dmx Channel:

4(RGBW); 3(HSI); 2(effects mode); 2 (CCT mode)

Input Dmx Signal Loss:

Last scene hold

RDM:

ANSI E1.20-2006 RDM

Dimming Range:

0 -100%, 1:4096

Led Temperature:

Built-in sensor real time monitoring

Cooling:

Dual cooling fan, automatic control

Led Lifetime:

≥20.000 hr @25°C max.

OPTIC & EFFECT

Light source:

128 high power CREE LEDs (RGBW)

Beam angle:

54° horizontal, 80° vertical, fixed angle

Beam performance ratio:

3.33:1

Distance to cyclorama:

4.9' - 8.2' (1.5m ~ 2.5m)

Color control modes:

RGBW; HSI (Hue, Saturation, Intensity);

CCT (color temperature adjusting);

Effect (Built-in colour macros)

Total Lumens:

4630 (16' H x 13' W)

Beam Angle:

73

PHYSICAL DATA

Weight:

12.6 kg (28 lb.)

Size (mm) w/o yoke:

24" W x 12.1" H x 8.1" D (630mm W x 308mm H x 208mm D)

with yoke:

24" W x 16" H x 8.1" D (630mm W x 408mm H x 208mm D)

Operation temperature:

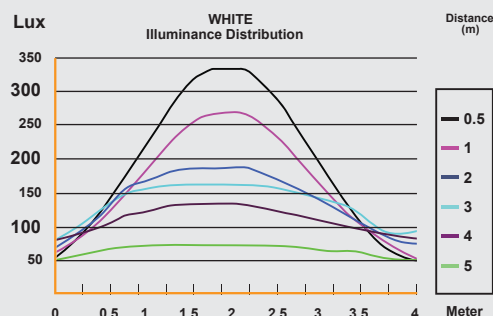
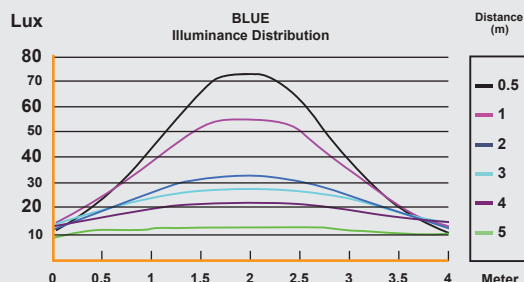
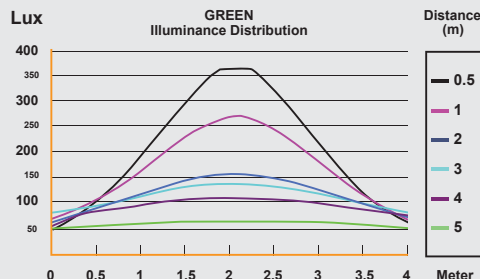
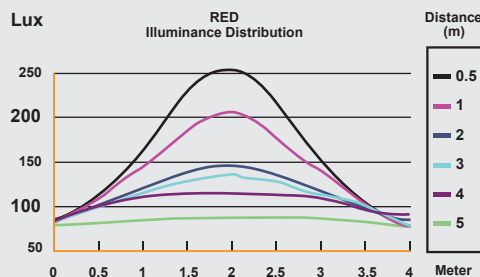
0-35°C (32-104°F)

Installation place:

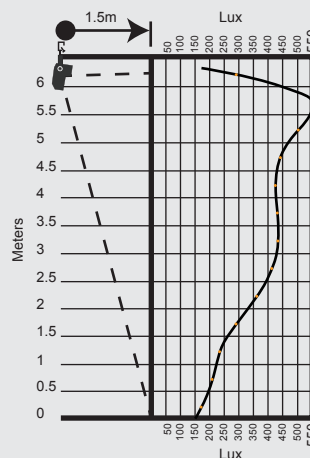
Indoor

Noise level:

≤35dB @1m



Photometric performance of Pro-Palette
in a combination of four fixtures



Fixture is 1.5 meters from cyclorama
and spaced 1.5 meters between units.

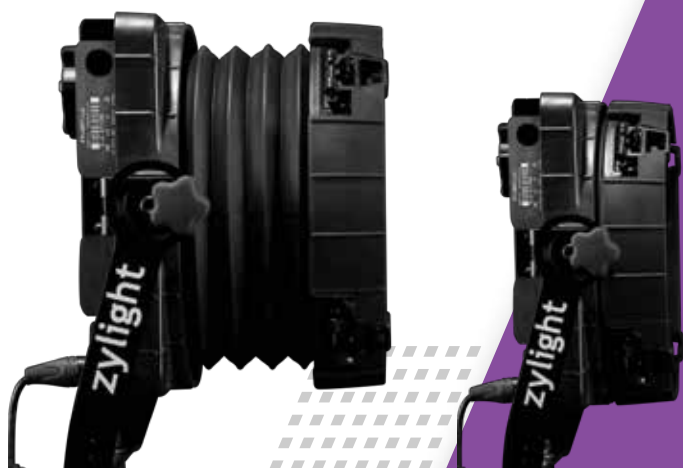
zylight

The F8-B²

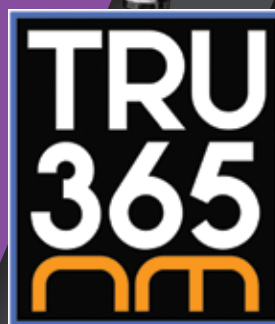
365nm
Black
Light

NEW!

The Flat Fresnel



Be Glowing



- 3X More Powerful LED Module
- Proprietary 100W TRU365nm LED
- 7x the Power of a Traditional 400W Fixture
- IP54 Weather Resistance
- Thin Profile & Compact Design
- Variable Focus Range from 16° to 70°
- 14.4v Battery or AC Power
- Dual Mode - Silent or Boost with Ultra-Quiet Active Cooling



Own the Dark - Get More Glow for Less Dough

If you are looking for dramatic, eye-popping blacklight effects, your fixture needs to emit true 365nm ultraviolet light. Most LED blacklights emit 385nm to 400nm, producing an inefficient output requiring added filters and lower output.

Zylight's F8-B is the only fixture that combines our proprietary Tru365™ LED module with the flexibility and control of a focusable glass Fresnel lens. Our second generation chip is 3x more powerful than the first, delivering more punch at longer distances. Our active cooling utilizes an ultra-low noise fan and offers dual-mode settings for silent when needed or boost mode for maximum punch.

With no lenses to change, no filters to check, and no fixed beam patterns to limit your creativity. Emitting a powerful narrow band of UV light, that's the power of Tru365.

F8-B Fresnel Specifications

Mechanical

Lens Diameter: 8" (203mm)
Size (W x D x H): 13.38" x 5.9" x 13" (340mm x 150mm x 330mm)
Weight: 10.9 lbs. (4.94 kg) with Yoke
Mounting: Standard Yoke (Optional: Pole Yoke Mount)
Weather Resistance: IP54

Output

Beam Angle: 16° - 70°, Variable Spot Flood
Dimming: 100 - 0%
Control: Rear Panel Local, ZyLink Wireless, DMX512A
Wavelength: 365nm Blacklight
LED L70: 25,000 Hours
Useful Lifetime*: 30,000 Hours
Warranty: 2 Year Limited Warranty

Electrical

Input: 10 - 20V DC, 4 - Pin XLR (14.4V Battery Plate - Optional)
Power: 100W Max. (8.0 Amps @ 14V DC)
Cooling: Dual Mode Fan (Silent / Boost)

Kit Includes:

Yoke, Snoot, Barn Doors, DMX Interface and Power Supply

*The amount of UV needed to make objects fluoresce is a subjective matter. Variables such as distance to the object, paint colors, dimming, flood or spot positions of the Fresnel lens, and reflective surfaces will all have an effect on fluorescence. As the UV output of the chip degrades over time, the end effect of what is considered useful depends upon the user. If the fixture is dimmed during normal use, it can be tuned upwards over time to compensate for UV degradation. Zylight has designed active cooling to optimize life in Boost mode and passive cooling in Silent mode. We expect that you will have many years of production with the F8-B. Should you need to replace the chip at the end of life, our Zylight service center can provide this service at a reasonable cost and quick turnaround.

SPOT POSITION		SPOT 16° BEAM ANGLE							
Distance [feet]	3	5	10	15	20	25	30	40	50
Beam diameter [feet]	0.84	1.13	2.81	4.22	5.62	7.03	8.43	11.24	14.05
UV-A Intensity [microW/cm²]	37,150	16,079	3,994	1,779	998	640	116	65	42
FLOOD POSITION		FLOOD 70° BEAM ANGLE							
Distance [feet]	3	5	10	15	20	25	30	40	50
Beam diameter [feet]	4.20	7.00	14.00	21.01	28.01	35.01	42.01	56.02	70.02
UV-A Intensity [microW/cm²]	6,575	2,846	707	315	177	113	79	44	28



Warning: This fixture emits Ultraviolet Radiation (UVA) at a primary wavelength of 365nm. The radiation emitted is not in the visible spectrum and can cause eye and skin damage! Do not look directly into the lens during operation! Please use caution and wear eye protection and protective clothing for anything other than brief temporary exposure. This fixture is meant to be used at distances of over 10 feet (3m).





BE BRIGHTER. Get th





the right tool for the job.





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