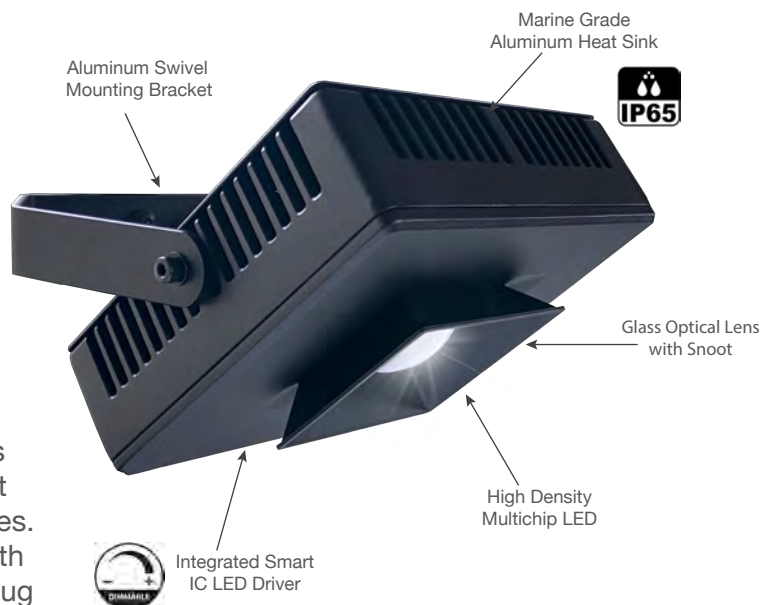




Cannon 80 LED Technical Specifications

The Cannon 80 is our brightest, most versatile commercial LED light yet. It combines all the benefits of high-density LED lighting into a compact, modular design with simple smart control. Whether you're lighting a new touch tank, adding supplemental blue light for live corals, or illuminating a living wall – the Cannon 80 LED will give your exhibit the attention it deserves.

Featuring the latest high density multi-chip LED emitters, they provide 15% more light output with better heat dissipation. Coupled with a glass optics the Cannon 80 emits a uniform, sharp beam of light penetrating water more effectively than metal halides. Integrated Smart IC driver allows the light to run with no external driver. Simply mount it, adjust it, and plug it in - no wiring required.



With only a 5 x 5 inch footprint, the Cannon 80 LED can be installed almost anywhere. An integrated swivel bracket delivers light exactly where you want it, providing 360° rotation and 0°- 60° tilt. Custom glass optical lens with an 85° beam angle delivers light uniformly to a precise target area with an exceptionally high punch rate and optimal spread. Lens snoot prevents any light spillage.

- Powerful multi-chip LED efficiently penetrates water
- Easy to adjust angle and light direction
- Plug-and-play installation, no wiring required
- Modular – use multiple LEDs together, adjust and blend
- Smart dimmer compatible, dim down to 1%
- Marine grade aluminum heat sink, thermally efficient
- Integrated Smart IC Driver - no external driver required

Technical Specifications

FIXTURE DIMS: 5.2 in x 5.2 in. x 2.1 in. (13.2 x 13.2 x 5.3cm)

WITH BRACKET DIMS: 5.5 in x 5.5 in. x 6.5 in. (14 x 14 x 16.5cm)

CONSTRUCTION: Aluminum

COOLING: Active Fan Cooled

INPUT VOLTAGE: 100-130VAC/50-60Hz

MAX INPUT CURRENT (120V): 0.7 amps

DIMMING: 1-100% Smart Dimmer @120V

CABLE: 15 ft. AC Power Cord w/Disconnect

SWIVEL BRACKET: Provides 360° rotation and 0°- 60° tilt

PROTECTIONS: Short circuit/ over current / over voltage / over temp
Built-in PFC Function, high efficiency 93.5%

ONE YEAR WARRANTY



Ordering Information:

Model#	Description
8321	Cannon 80 LED Module, 450-460nm Blue
8322	Cannon 80 LED Module, 10,000K White
8323	Cannon 80 LED Module, Full Spectrum 5,000K
8324	Cannon 80 LED Module, Grow Spectrum Red/Blue

What's Included:

Each Cannon 80 LED Module includes:

- 1 - Cannon 80 LED Light Module with snoot, glass optics
- 1 - Swivel Hanging Bracket
- 1 - 15 ft. (3M) 100-120VAC Cable
- T-Slot Mounting Hardware
- Cable Wraps and Instructions



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Photometric Specifications

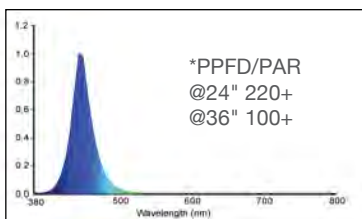
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Model#	Description	Flux	CRI	Efficacy	Wattage
8321	Cannon 80 LED, 450-460nm Blue	2,072 lm	68.9	25.9 lm/w	80.3w
8322	Cannon 80 LED, 10,000K White	7,995 lm	86.9	98.7 lm/w	80.1w
8323	Cannon 80 LED, Full Spectrum 5,000K	7,695 lm	75.3	95 lm/w	80.1w
8324	Cannon 80 LED, Grow Red/Blue	6,088 lm	70.1	75.1 lm/w	80.5w

Color Spectra



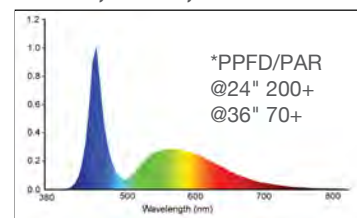
450-460nm Blue



Emits a blend blue, violet and UV wavelengths peaking at 453nm blue. Perfect for live coral systems and deep wide reef exhibits to encourage strong coral growth and color. Also in ocean exhibits to create the "infinite" ocean look.



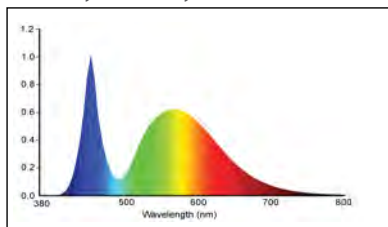
10,000-12,000K White



Emits a crisp, white color spectrum that penetrates water well, giving a very clean, deep-water look. Perfect for ocean themed exhibits or providing a "deep ocean or clean lake" shimmering appearance. Use with 450nm Blue on live coral reef exhibits.



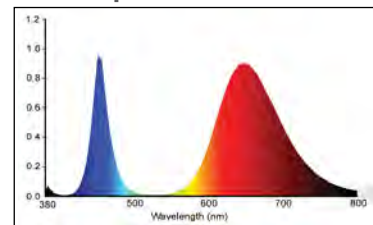
5,000K-6,000K White



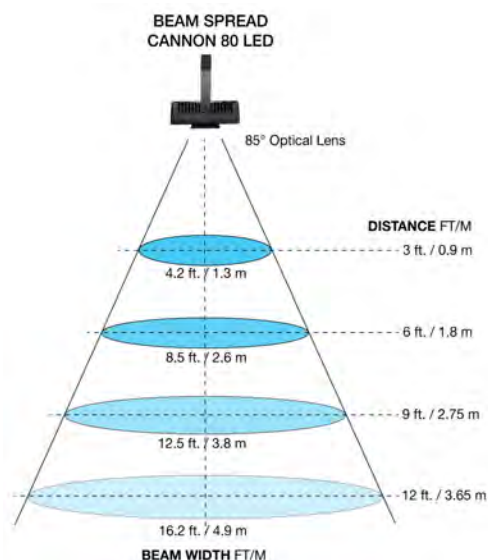
A full spectrum white light simulating natural sunlight, casting warm rays of 5000k-6000K light. Perfect for freshwater or "shallow" water exhibits, live plant living walls, agriculture, and hydroponics. Promotes photosynthesis in live plants and kelp tanks.



Full Spectrum Red/Blue



Emits photosynthetic light peaking at 450nm and 660nm True Red. Ideal for hydroponics, agriculture, refugiums, red color supplementation and to increase photosynthesis in kelp exhibits.



Similar Items & Accessories:

Cannon 80 LED Replacement Lamps (E27 & E40 Sockets)
Cannon PRO 160w LED Pendants
FrameSlot Aluminum Mounting Systems & Hanging Kits
Smart Dimmers, Wifi & Bluetooth Controllers