



Orion 675 FS

THE NEW STANDARD

Maximum power, maximum color. That's precisely what the new Prolycht Orion 675 FS LED full spectrum spotlight delivers in a single robust fixture that is built for Film and TV professionals. The Orion 675 FS is The New Standard.

The Orion 675 FS utilizes the industry-leading 6-color LED Hyperlight engine (Red/Green/Blue/Amber/Cyan/Lime) to create a wider color gamut with excellent fidelity accurate, pleasing skin tone reproduction and unprecedented flexibility in spectrum matching - surpassing traditional RGBW or RGBWW technology.

Some simple comparisons illustrate just how bright the Orion 675 FS is. Set to 5600K, the Orion 675 FS is significantly brighter than a 1200w HMI. At 3200K, the Orion 675 FS is equal in output to a classic 5000w tungsten fresnel. Compared to LED fixtures, the Orion 675 FS is brighter than a 600 daylight -only light and is three times brighter than any other manufacturer's RGBACL spotlight.

The extended color temperature range is from 1,800K-20,000K with precision control of all color channels throughout. The versatile full spectrum color abilities of the Orion 675 FS set it apart from all other products, making it the first true replacement for a host of antiquated fixtures users are eager to improve upon.

Specifications



Light Aperture	40 mm / 1.57", without optics
Beam Angle	80° Half Peak Angle, without optics
Weight	9.45kg / 20.83 lbs without yoke 11.1kg . 24.47 lbs with yoke
Mounting & Handling	Detachable Aluminum Yoke with 360° Tilt Lock, 28 mm Spigot
Optics Mount	Bowens S
Optical attachment	Adjustable Focusing Lens 60" Dome softbox 35" Lantern softbox
Voltage Input Range	100 - 240 v~, 50 - 60 Hz
Power	675 W Maximum, Built-in power unit
High Color Rendition	CRI Average > 97 TLCI Average > 95 TM-30 Average > 94
Mains Power Connection	powerCON TRUE1 TOP (Bare Ends / Schuko / Edison, Japanese, Chinese cables available)
Battery Connector	3-Pin XLR Connector (Pin 1: Negative, Pin 2: Positive)
Battery DC Voltage Range	46 - 50 V _m
White Light	Calibrated 1,800 K to 20,000 K with G/M adjustment
Color Light	Full R+G+B+A+C+L Gamut Seamless color tuning in HSI color wheel Color tuning in CIExy color space (Rec.709/Rec.2020/Full Gamut) Matching 46 natural/artificial light sources Matching 318 Rosco/LEE Gels 19 Lighting effects with tunable parameters
Communication	DMX via DMX cable LumenRadio CRMX wireless control Art-Net Bluetooth Mesh Wifi
Dimming	0~100% dimming, 1000 Steps, linear / exponential / logarithmic / Curve
Control Options	Full Color Control panel 5-Pin DMX in/out, 27 DMX modes LAN port with Built-in ArtNet ChromaLink App Support 3rd party App control: Blackout, Luminaire
Fan Mode	Silent, Low Noise, Medium Speed, High Speed, Auto
Firmware Upgrade	Firmware upgradable via Flash Drive or ChromaLink App
Operating Temperature	-20°C to +40°C
IP Rating	High IP weather rated
Estimated color shift	2 SDCM @ 100% brightness, 4 SDCM @ 10% brightness
Estimated L70 Lifetime	50,000 hours

*Preliminary data subject to change.

Photometrics

· Measured in lx					
Light modifier	Beam Angle	CCT	Distance(m)		
			3m/9.8ft	5m/16.4ft	7m/22.9ft
55° Reflector	55°	5600K	10,170	3,466	1,786
		3200K	8,033	2,752	1,408
30° Reflector	30°	5600K	17,210	5,434	2,751
		3200K	13,690	4,331	2,188
Adjustable Focusing Lens (Flood)	50°	5600K	11,830	4,461	2,305
		3200K	9,356	3,575	1,845
Adjustable Focusing Lens (Spot)	15°	5600K	46,940	15,160	7,378
		3200K	37,540	12,170	5,839
Adjustable Focusing Lens (Medium)	30°	5600K	28,320	9,693	5,179
		3200K	22,360	7,823	4,173

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