



Focus 100-MC

Accessories Included	Power Supply Unit, D-Tap cable, 4 leaf Barndoor, Soft Bag, DC Cables, Filters Set, Onboard control panel, IOS/Android Douge.
----------------------	--

Photometrics

Optical System:	Portable Fresnel LED Light			
Equivalent to Tungsten in 5600K	650W (Arri 650Plus com filtro para 5600K 25% Transparency)			
Light Flux:	xxxx lumens			
Half Peak Angle - HPA:	20° (Spot Position)	30° (Middle Position)	40° (Wide Position)	
Illuminance	3200 K	6900 lx@1m	5450 lx@1m	3320 lx@1m
	4500K	7300 lx@1m	5900 lx@1m	3690 lx@1m
	5600K	8100 lx@1m	5900 lx@1m	4100 lx@1m
Color Rendition Index:	CRI	EBU/BBC (TLCI)	IES (TM-30)	
Color Rendition:	3200 K	96.3%	97,1%	Rf92.4% Rg100.6%
	4500K	96,5%	98,1%	Rf91.9% Rg100.6%
	5600K	96,4%	96,8%	Rf91.5% Rg100.7%
White Light Adjustment:	3200 K to 5600 K continuously variable correlated color temperature			
Colored Light Adjustment:	NOT IN THIS MODEL			
Color Temperature Tolerance:	+/- 100 K (nominal)			
Green-Magenta Adjustment:	NOT IN THIS MODEL			
Dimming:	0 to 100 % continuous			
Light Aperture (LxH):	70 mm diameter			
Light Type	CREE COB 3200K and 5600K LED Electronic Combination			
Estimated LED Lifetime (L70):	50,000 hours			
Estimated Color Shift Over Lifetime:	+/- 5 %			

Power

Lamphead Voltage Input:	7.4 TO 14.8 Vdc
Power Consumption:	89.6W Maximum
Lamphead Power Connection:	Male 4-Pin Mini XLR - 7 Amp
Battery Connector:	DV
Battery DC Voltage Range:	7.4 to 14.8Vdc
Battery Mode Light Output:	100 % of total output
Power Supply Input Range:	100 to 240 Vac, 50/60 Hz
Power Supply Output Range:	12Vdc 7A
Power Supply Weight:	0,316 Kg
Power Supply Dimension:	140x60x35 (L x H x W)
Power Supply Mounting:	
Power Supply Input Connection:	AC Power Socket type N
Power Supply Output Connection:	Female 4-Pin Mini XLR - 7 Amp (Pin 1: Negative / Pin 2: Positive)

Control

Control:	On-Board Controller iOS or Android mobile devices
Remote Device Management (RDM*):	iOS or Android RDM Applicative

Physical Characteristics

Light Weight Only:	1,94 kg
Packed Weight:	2.197 kg
Size w/ spigot (L x H x W):	140x210x220
Size w/o spigot (L x H x W):	95x95x220 mm
Packed Size (L x H x W):	380x210x120 mm
Handling:	Aluminum Yoke, High Strength Tilt Lock
Mounting:	16 mm Pin (5/8")
Tilt Angle:	+/- 180°
Housing Material:	Full Aluminum Aviation Alloy
Housing Color:	Black
Ambient Temperature Operation:	-20 to +45C (-4 to +113°F)
Max. Operation Temperature (Cabinet):	60° C
Protection Class / IP Rating:	III / IP20
Estimated LED Lifetime:	50,000 hours
Estimated Color Shift Over Lifetime:	+/- 5 %

Certifications and Warranty

Certifications:	CE, RoHs
Warranty:	1 Years Unconditional Warranty

Meters

Lux meter:	Sekonic mod. C-500
Colormeter:	UPRtek mod. MK350N-Plus
Espectrometer:	UPRtek mod. MK350N-Plus