



# LPS1800-MC-DX-VM-WiFi

Accessories Included

Power Supply Unit, 2X V-Mount Adapter, 4 leaf Barndoor, Soft Bag, DC Cables, DMX Cables, Rail Mount Adapter for PSU, Standard Diffusion Panel, Onboard control panel.

## Photometrics

Optical System:	SuperSoft Panel LED Light			
Equivalent to Tungsten in 5600K	750W (Arrilite 750Plus HPL-750 w/ Daylight Filter 25% transparency)			
Light Flux:	36000 lumens			
Half Peak Angle - HPA:	60°			
Illuminance	3200 K	2460 lx@1m		
	4500K	2720 lx@1m		
	5600K	2860 lx@1m		
Color Rendition Index:	CRI	EBU/BBC (TLCI)	IES (TM-30)	
Color Rendition:	3200 K	97.4%	98.8%	TM30 Rf 94.1 Rg 102.1
	4500K	95.6%	98.8%	TM30 Rf 92.7 Rg 102
	5600K	94.5%	98.48%	TM30 Rf 92.2 Rg 101.7
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:	275X560mm			
Light Type	CREE smd 3200K and 5600K LED Electronic Combination			
Estimated LED Lifetime (L70):	50,000 hours			
Estimated Color Shift Over Lifetime:	+/- 5 %			

## Power

Lamphead Voltage Input:	24 Vdc
Power Consumption:	285.5 W Maximum
Lamphead Power Connection:	Male 4-Pin XLR - 15 Amp
Battery Connector:	2X V-Mount Plate for regular V-Mount battery type
Battery DC Voltage Range:	12.4 to 16.8 Vdc
Battery Mode Light Output:	100 % of total output
Power Supply Input Range:	100 to 240 Vac, 50/60 Hz
Power Supply Output Range:	24 Vdc 8A
Power Supply Weight:	0,906 Kg
Power Supply Dimension:	180X80X50 (H x W x L)
Power Supply Mounting:	V-Mount Plate
Power Supply Input Connection:	AC Power Socket type N
Power Supply Output Connection:	Female 4-Pin XLR - 10 Amp (Pin 1: Negative / Pin 2: Positive)

## Control

Control:	On-Board Controller, 5-Pin DMX In/Out and iOS or Android mobile devices
Remote Device Management (RDM*):	DMX Setup and iOS or Android RDM Applicative

## Physical Characteristics

Light Weight Only:	6,900 kg
Packed Weight:	9,600 kg
Size w/ spigot (L x H x D):	690x370x100
Size w/o spigot (L x H x W):	579x300x100 mm
Packed Size (L x H x W):	720x480x120 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 +45°C (-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