



A beautifully finished die cast aluminum spotlight, the **ParKolor 200HD** is equipped with a 180W RGBW COB LED providing a luminous flux of 4,365 lumens.

Its design for maximum heat exchange and the addition of 2 fans ensure continuous operation with no loss of flux at maximum power (less than 5% in "Quiet" mode).

An accessory supplied with the fixture provides water protection for the various connectors, allowing outdoor use over long periods. Like the 120HD, the **ParKolor 200HD** features a zoom with a similar adjustment range from 7° to 60°. The **ParKolor 200HD** is equipped with the BC Color System color management system.

In addition to the possibility of using 10 white macros from 10,000° K to 2,700° K, with RGBW channels remaining active while macros are in use, these can be instantly modified to suit an existing fleet, or to work in color from a given white, as if the machine were being used with gel.



TECHNICAL DATASHEET

ParKolor^{200HD}

Source

Engine	COB RGB White
LED Watts	180W
Engine CCT	7978K (White LED Only)
Engine Life (L70)	> 55000 H
Refresh Rate	1200Hz
Dimming	Electronic - 16 bits
Dimming Curves	Linear, Square, Inv Square, S-curve
Dimming Modes	Dim0 (0s), Dim1 (0.25s), Dim2 (0.5s), Dim3 (0.75s), Dim4 (1s)
Strobe Speed	1 - 20 Hz
Strobe Modes	Standard, Sync Random, Random

Electrical

Max Consumption	280W
Standby Power Consumption	9W
Voltage Range	110V/240V - 50Hz/60Hz
Power Factor	0.79@110V - 0.78@240V
Current (Max)	2.66A@110V - 1.22A@240V
Fuse	T4A@250V
Connector	PowerCON True1 (In/Out)
Max Fixtures per Circuits (16A)	5@110V - 10@240V

Compliance & Protection

IP Rating	IP 65
Certification	CE, Rohs

Optical

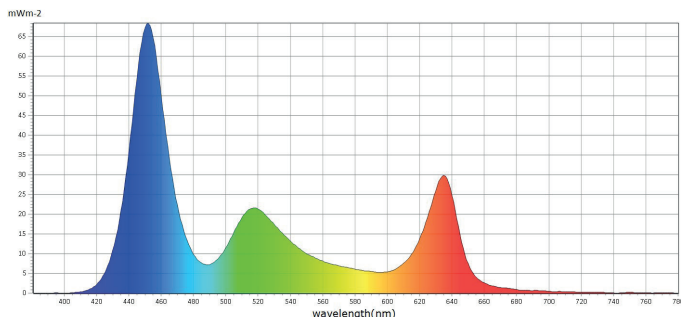
Lens Diameter	178 mm
Zoom Range	7° - 60°
Zoom Ratio	7.5 :1

Colour System

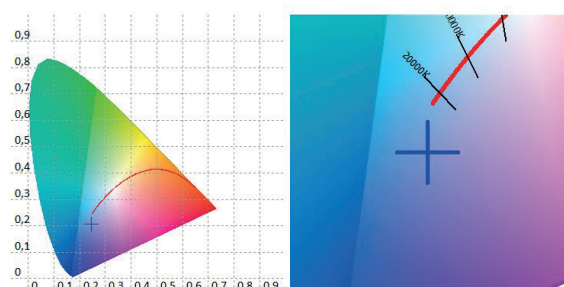
Colour System	RGBW - BC Color System
Control	8 bits / 16 bits

Performances

Fixture Luminous Flux (Max)	4365 lm
Fixture Illuminance	Narrow: 4700 lux@5m 7° Medium: 825 lux@5m 25° Wide: 326 lux@5m 60°
Fixture CCT Output	2700 - 10000 K
CRI	Native White LED Only: 74.51 @10000k: 79
Tm30	Native White LED Only: 72.5 @10000k: 82.40
TLCI	Native White LED Only: 49.10 @10000k: 60.20
CQS	Native White LED Only: 70.18 @10000k: 84.74

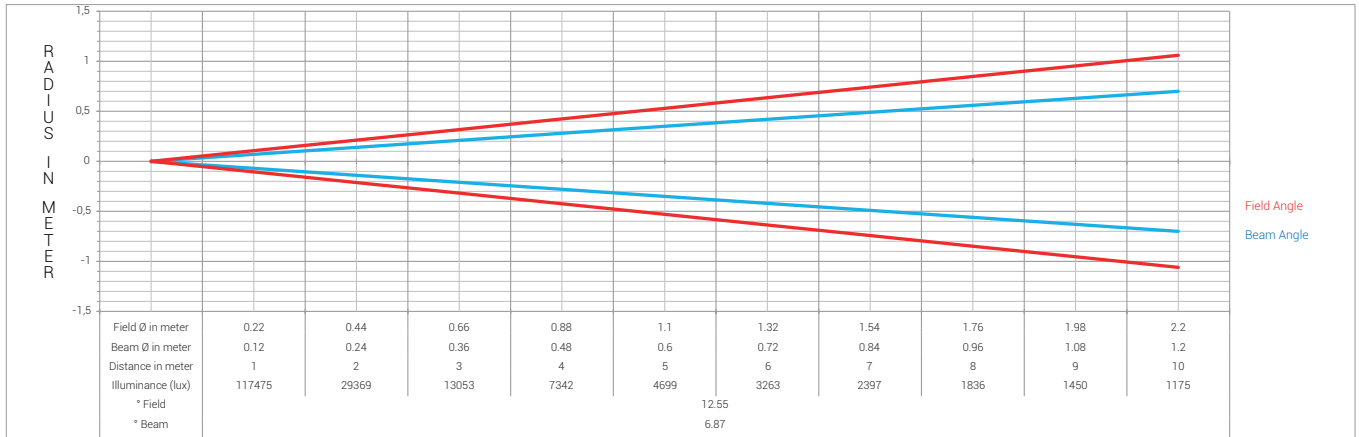


CIE1931

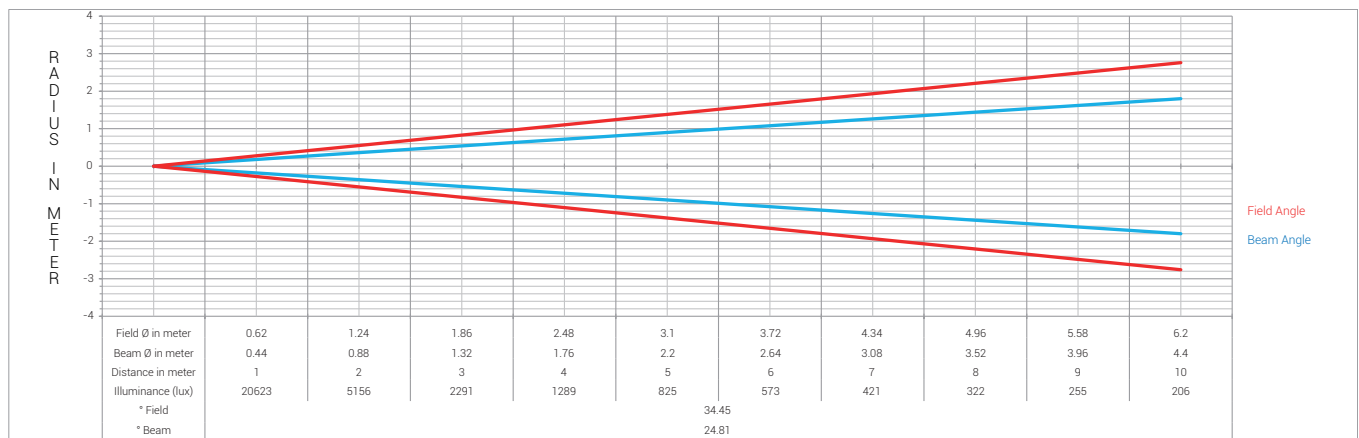


Photometry

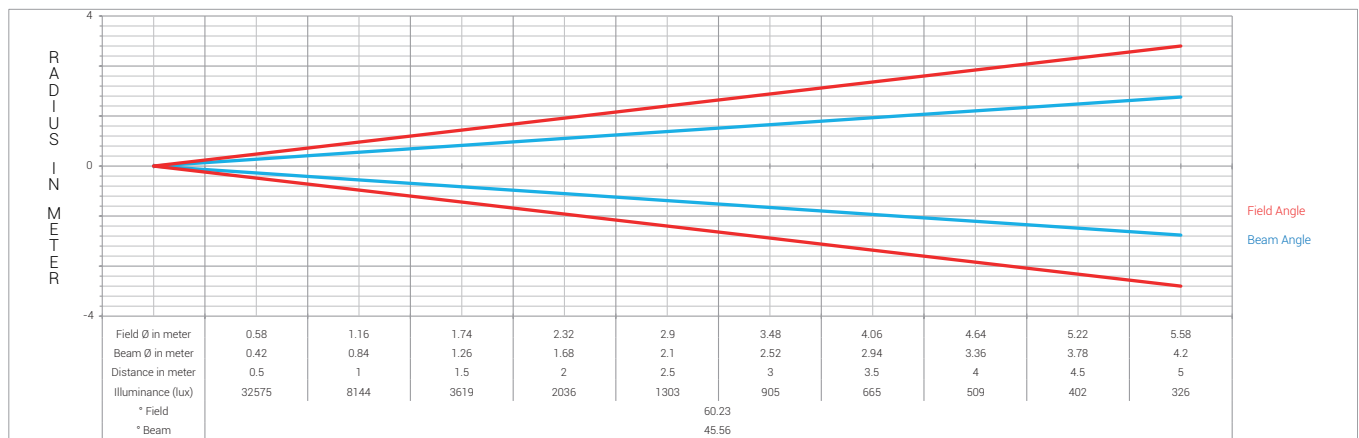
Narrow Angle



Medium Angle



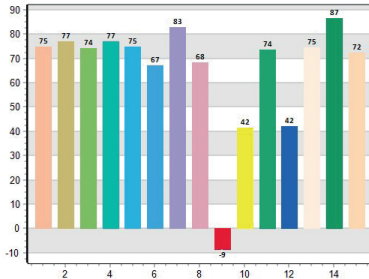
Wide Angle



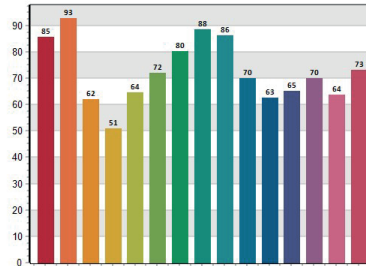
Colorimetry

Native White Only

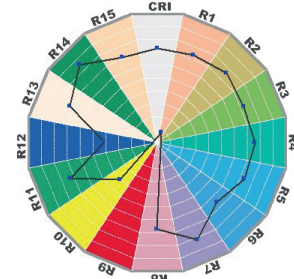
■ CRI: 74,51



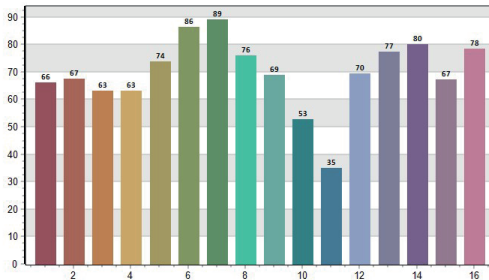
■ CQS: 70,18



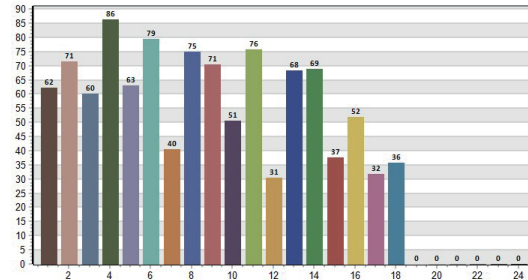
■ CRI-2



■ TM30: 72,50

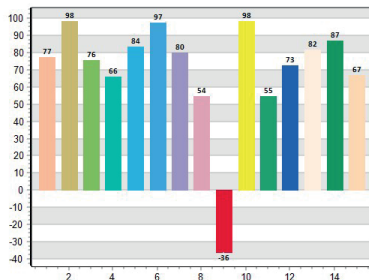


■ TLCI: 49,10

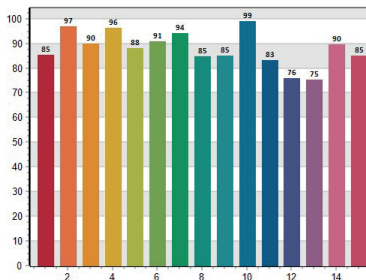


@10000K (Calibrated)

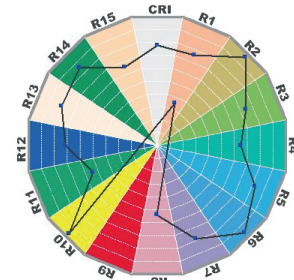
■ CRI: 79,04



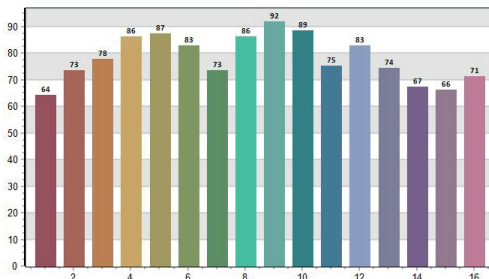
■ CQS: 86,16



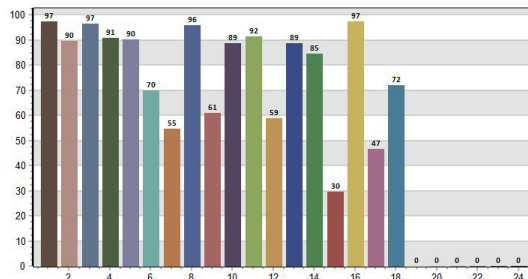
■ CRI-2



■ TM30: 82,15



■ TLCI: 62,05



[Find the complete photometry here :](#)

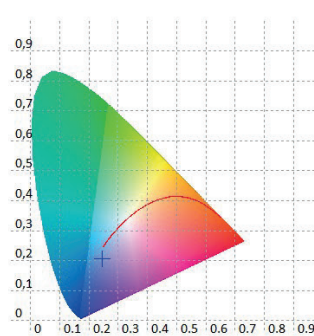


Color & Filters

Red	x: 0.6963 / y: 0.3024
Green	x: 0.1412 / y: 0.7033
Blue	x: 0.1519 / y: 0.0271
White	x: 0.4374 / y: 0.4127
Full RGBW	x: 0.2964 / y: 0.3020
10000 K (calibrated macro)	CCT: 10500 K x: 0.2635 / y: 0.2703
5600K (calibrated macro)	CCT: 5845 K x: 0.3250 / y: 0.3351
4000 K (calibrated macro)	CCT: 4001 K x: 0.3793 / y: 0.3725
2700 K (calibrated macro)	CCT: 2801 K x: 0.4507 / y: 0.4066

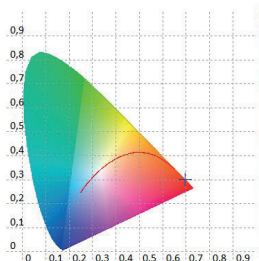
RGBW@ 100%

■ CIE1931



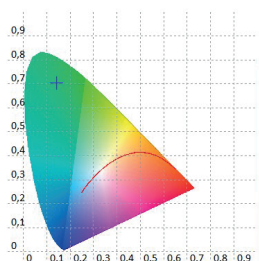
Red @ 100%

■ CIE1931



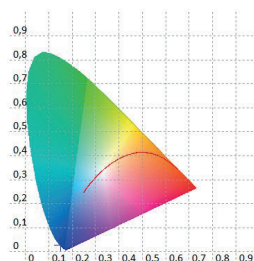
Green @ 100%

■ CIE1931



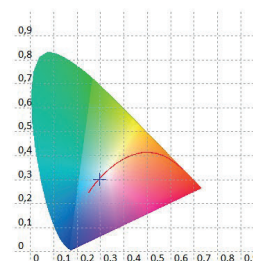
Blue @ 100%

■ CIE1931



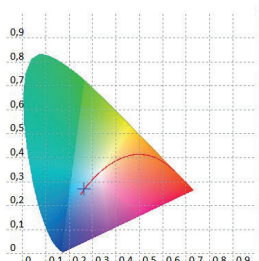
White @ 100%

■ CIE1931



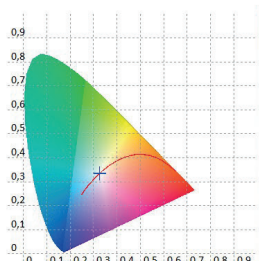
10000 K (calibrated)

■ CIE1931



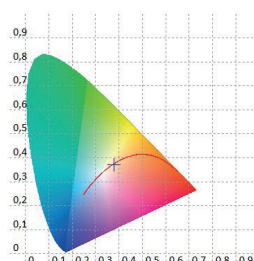
5600 K (calibrated)

■ CIE1931



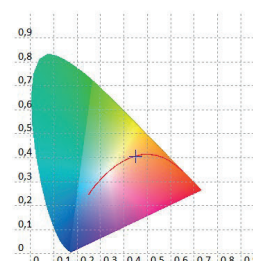
4000 K (calibrated)

■ CIE1931



2700 K (calibrated)

■ CIE1931



Control

DMX Control	DMX (USITT DMX-512-A) RDM (ANSI/ESTA E1.20)
DMX Modes	5 User Modes
Channel Count	RGB - 8bit - 6 HSI - 8bit - 6 RGBW - 8bit - 7 Enhanced - 8bit - 10 Enhanced - 16bit - 15
Local Control	OLED panel Navigation buttons
RDM Functions	Yes

Noise Level

Fan Mode Auto	40dB @ 1m
Fan Mode High	43dB @ 1m
Fan Mode Quiet	34dB @ 1m
Fan Mode Silent	30dB @ 1m

Connectors

Power	PowerCoN True 1 (In/Out)
DMX	XLR 5 Pin (In/Out)

Thermal

Cooling System	Forced & Passive
Cooling Modes	Auto - High - Quiet - Silent
Max Ambient Temperature (Ta Max)	45°C
Min Ambient Temperature (Ta Min)	-10°C
Max Surface Temperature, steady state, at Ta 40°	68°C
Total Heat Dissipation (Calculated +/- 10%)	955 BTU/h - 280W@240V
Heat Dissipation (standby) (Calculated +/- 10%)	30.7 BTU/h - 9W@240V

TECHNICAL DATASHEET

ParKolor 200HD

Material

Housing Die Cast Aluminium

Physical

Fixture

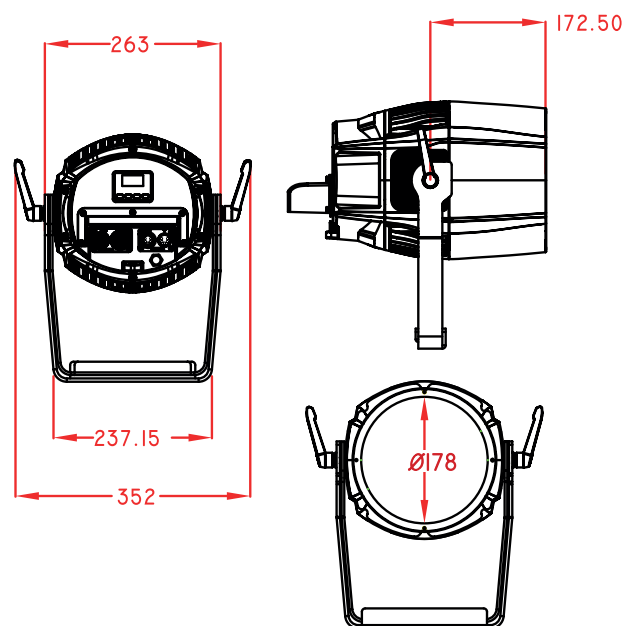
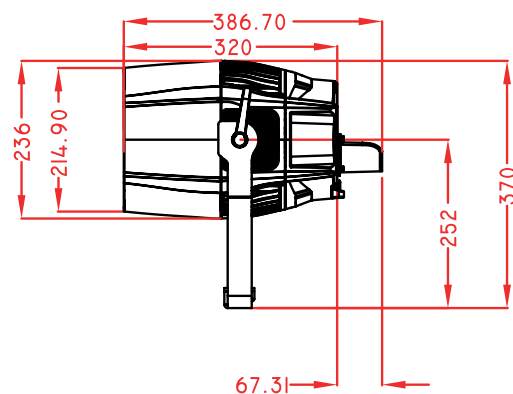
LxWxH 352mm x 320mm x 370mm

Weight 10.3 Kg

Carton Box

LxWxH 375mm x 375mm x 580mm

Weight 13.1 Kg



Included

Removable Connector Protection Cap 1

Powercord 1.80m

Quick Start Yes

Optional Accessories

Filter Frame + Barndoor



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[DMX Chart](#)



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Starway

22 Rue Édouard Buffard
77144 Montevrain
France

starway.eu
