

# 450 Series

## 450W Fresnel, Pc

(ver. 2020/06)



### SOURCE

- 450W LED ARRAY
- Source life expectancy: > 50.000 h

### COLOUR RENDERING

	CRI	TLCI	TM-30
6C*	>94	92	94
RGBW	>85	90	90
TW	>94	92	93
WW/CW	>95	92	93

\*6C: Red Green Blue Amber Cyan Lime

### LUMINOUS FLUX

	FN	PC
6C	-	-
RGBW	14'571 lm	21'569 lm
TW	15'276 lm	24'933 lm
WW	6'130 lm	24'204 lm
CW	6'436 lm	25'429 lm

### CONTROL

- Protocols: DMX512, RDM
- Local potentiometer
- Reversible graphics display with standby-shutdown function
- Wireless ready

	DMX Channels
WW/CW	1 / 3 / 6 ch
TW	2 / 5 / 9 ch
RGBW	2 / 6 / 9 / 16 ch
6C	2 / 6 / 7 / 8 / 9 / 21 ch

### OPTICS

- 200mm High-quality glass lens optics
- Focus: manual

FN	12°-58°
PC	09°-70°

### HOUSING

- Highly resistant body in extruded and die cast aluminum
- Finishing: Black
- IP 20

### CONNECTION

- Power connector: Chassis PowerCON TRUE1 In/Out
- Additional cable: 2m H05RN-F cable with powerCON TRUE1 female cable connector
- DMX: XLR 5-pole In/Out panel connectors

### COMPLIANCE

- CE
- EN 60598-1; EN 60598-2-17
- SSL Licensing Program
- Manufactured in Italy with Quality System ISO 9001:2015

### SOFTWARE FUNCTIONS

- ESD: 8 or 16bit extra soft dimming
- 3 selectable dimmer curves
- Adjustable delay in turning on and off
- PWM LED 500Hz-25KHz
- Amber shift (6C)
- ± Green (6C)
- Color boost (6C, RGBW, TW)
- Calibration function (6C, RGBW, TW)
- Service channel
- Stand-alone
- Master Slave
- Hour-counter on single LED
- Storage and factory recovery
- Upgradable Firmware via DMX/USB tool
- Advanced remote settings for all parameters via DMX

### THERMAL MANAGEMENT

- Wide ventilation slots for better LED cooling with selectable fan speed in: "standard", "silent" and "auto" or DMX regulated
- High efficiency heat pipe cooling system
- No heat load from LED engine towards electronic and vice-versa avoiding the risk of failure due to overheating
- Ta max 40°C

### PRESETS

- 45-GEL FILTER (6C, RGBW)
- CCT 2700-8000K (6C, RGBW, TW)
- 10 CUSTOM PRESETS (6C, RGBW, TW)

### ELECTRICAL

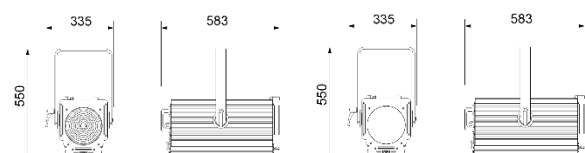
- Power supply: 100-240 V – 50/60 Hz
- Power consumption: 500 W
- PF>0.94/230VAC PF>0.98/115VAC at full load

### OPTIONS

- Pole Operated Yokes
- ARC Motorized Yokes DMX 512

### DIMENSIONS

FN	14.0 Kg	583*550*335 mm
PC	16.0 Kg	583*550*335 mm



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4 m	6 m	8 m	10 m	12 m
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Model	Type	CT	CRI	Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	(measure at)
FN LED 450	WW	3200K	95	12° 58°	11195 1775	0,8 4,4	4976 789	1,3 6,6	2799 444	1,7 8,8	1791 284	2,1 11,0	1244 197	2,5 13,2	3200K
	CW	5600K	95	12° 58°	11755 1864	0,8 4,4	5225 828	1,3 6,6	2939 466	1,7 8,8	1881 298	2,1 11,0	1306 207	2,5 13,2	5600K
	TW	2700-6500K	95	12° 58°	11531 1828	0,8 4,4	5125 813	1,3 6,6	2883 457	1,7 8,8	1845 293	2,1 11,0	1281 203	2,5 13,2	5600K
	RGBW	2700-8000K	85	12° 58°	10322 1744	0,8 4,4	4588 775	1,3 6,6	2580 436	1,7 8,8	1652 279	2,1 11,0	1147 194	2,5 13,2	Full Ch
PC LED 450	WW	3200K	95	9° 70°	26994 2222	0,6 5,6	11998 988	0,9 8,3	6749 555	1,3 11,1	4319 356	1,6 13,9	2999 247	1,9 16,7	3200K
	CW	5600K	95	9° 70°	28702 2334	0,6 5,6	12756 1038	0,9 8,3	7175 584	1,3 11,1	4592 374	1,6 13,9	3189 259	1,9 16,7	5600K
	TW	2700-6500K	95	9° 70°	27804 2289	0,6 5,6	12358 1017	0,9 8,3	6951 572	1,3 11,1	4449 366	1,6 13,9	3089 254	1,9 16,7	5600K
	RGBW	2700-8000K	85	9° 70°	24891 1980	0,6 5,6	11063 880	0,9 8,3	6223 495	1,3 11,1	3983 317	1,6 13,9	2766 220	1,9 16,7	Full Ch