

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

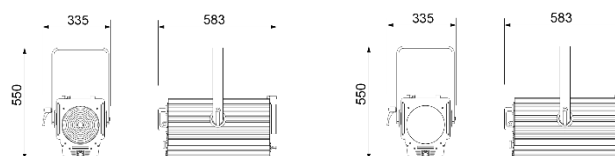
- Power supply: 100-240 V – 50/60 Hz
- Power consumption: 500 W
- PF>0.94/230VAC PF>0.98/115VAC at full load

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