

# Architectural Series

## 100W Fresnel, PC

(ver. 2020/06)



### SOURCE

- 100W LED COB
- Source life expectancy: > 50.000 h

	Luminous flux		Colour rendering		
	FN	PC	CRI	TLCI	TM-30
WW	4'893 lm	3'611 lm	>97	97	94
CW	5'316 lm	4'905 lm			
NW	5'049 lm	4'659 lm			

### SOFTWARE FUNCTIONS

- ESD: 8 or 16bit extra soft dimming
- 2 selectable dimmer curves
- Adjustable delay in turning on and off
- PWM LED 500Hz-25KHz
- Led boost
- Storage and factory recovery
- Upgradable Firmware via DMX/USB tool

### CONTROL

- Protocols: DMX512, RDM (DALI optional)
- Local potentiometer
- Reversible graphics display with standby-shutdown function

	DMX Channels
WHITE	1 / 2 / 3 ch

### 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

### OPTICS

- 120mm High-quality glass lens optics
- Focus: manual

	Beam	
	FN	PC
WHITE	12°-75°	15°-75°

### ELECTRICAL

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

### HOUSING

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

### OPTIONS

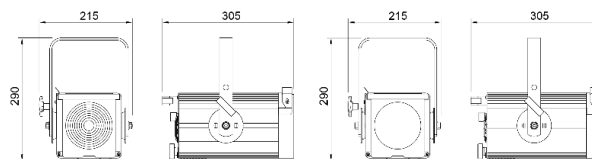
- Pole Operated Yokes
- ARC Motorized Yokes DMX 512

### CONNECTION

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

### DIMENSIONS

FN	3.5 Kg	290*215*305 mm
PC	3.0 Kg	290*215*305 mm



### COMPLIANCE

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

### DMX chart

	WHITE		
	1CH	2CH	3CH
	8 BIT	8 BIT	16 BIT
1 ch	DIMMER	DIMMER	DIMMER
2 ch		STROBO	DIMMER FINE
3 ch			STROBO

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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 C100	WW	3000K	97	12°	1149	0,8	510	1,3	287	1,7	184	2,1	128	2,5	3000K
				75°	306	6,1	136	9,1	77	12,2	49	15,2	34	18,2	
	NW	4000K	97	12°	1159	0,8	515	1,3	290	1,7	185	2,1	129	2,5	4000K
				75°	316	6,1	140	9,1	79	12,2	51	15,2	35	18,2	
	CW	5600K	97	12°	1220	0,8	542	1,3	305	1,7	195	2,1	136	2,5	5600K
				75°	333	6,1	148	9,1	83	12,2	53	15,2	37	18,2	
PC LED C100	WW	3000K	97	15°	1081	1,0	481	1,6	270	2,1	173	2,6	120	3,1	3000K
				75°	276	6,1	123	9,1	69	12,2	44	15,2	31	18,2	
	NW	4000K	97	15°	1106	1,0	492	1,6	277	2,1	177	2,6	123	3,1	4000K
				75°	299	6,1	133	9,1	75	12,2	48	15,2	33	18,2	
	CW	5600K	97	15°	1165	1,0	518	1,6	291	2,1	186	2,6	129	3,1	5600K
				75°	313	6,1	139	9,1	78	12,2	50	15,2	35	18,2	