

Architectural Series

100W Profile

(ver. 2021/04)



SOURCE

- 100W LED COB
- Source life expectancy: > 50.000 h
- Note: for Luminous flux and Colour rendering refer to the table at the end of this document

CONTROL

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

	DMX Channels
WHITE	1 / 2 / 3 ch

OPTICS

- High-quality glass lens optics
- Focus: manual
- Gobo size: M or B
- Note: for Beam angles refer to the table at the end of this document

HOUSING

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

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

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
- 2 selectable dimmer curves
- Adjustable delay in turning on and off
- PWM LED 500Hz-20KHz
- Led boost
- Storage and factory recovery
- Upgradable Firmware via DMX/USB tool

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

ELECTRICAL

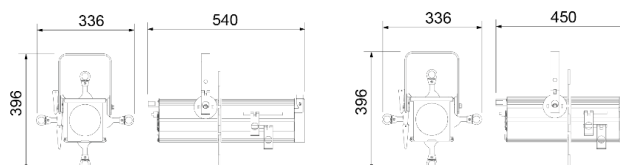
- Power supply: 100-240 V – 50/60 Hz
- Power consumption: 100 W
- PF>0.94/230VAC PF>0.98/115VAC at full load

OPTIONS

- Pole Operated Yokes
- ARC Motorized Yokes DMX 512

DIMENSIONS

PR (ZS)	6.2 Kg	396*336*540 mm
PR (ZW)	6.0 Kg	396*336*450 mm



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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Model	Type	CT	(measure at)	CRI	TLCI	TM-30	Lumen	Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam
PR LED C100 ZS	WW	3000K	3000K	97	97	94	2.347	20°	1.740	1,4	773	2,1	435	2,8	278	3,5	193	4,2
								38°	978	2,7	434	4,1	244	5,5	156	6,8	109	8,2
	NW	4000K	4000K				2.479	20°	1.740	1,4	773	2,1	435	2,8	278	3,5	193	4,2
								38°	978	2,7	434	4,1	244	5,5	156	6,8	109	8,2
	CW	5600K	5600K				2.892	20°	2.030	1,4	902	2,1	507	2,8	325	3,5	226	4,2
								38°	1.140	2,7	507	4,1	285	5,5	182	6,8	127	8,2
									4 m		6 m		8 m		10 m		12 m	

Model	Type	CT	(measure at)	CRI	TLCI	TM-30	Lumen	Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam
PR LED C100 ZW	WW	3000K	3000K	97	97	94	3.063	35°	1.255	2,5	558	3,8	314	5,0	201	6,3	139	7,5
								50°	705	3,7	313	5,6	176	7,4	113	9,3	78	11,1
	NW	4000K	4000K				3.235	35°	1.325	2,5	589	3,8	331	5,0	212	6,3	147	7,5
								50°	745	3,7	331	5,6	186	7,4	119	9,3	83	11,1
	CW	5600K	5600K				3.774	35°	1.633	2,5	726	3,8	408	5,0	261	6,3	181	7,5
								50°	917	3,7	408	5,6	229	7,4	147	9,3	102	11,1
									4 m		6 m		8 m		10 m		12 m	