

# Architectural Series

## 50W Profile

(ver. 2021/04)



### SOURCE

- 50W LED COB/ARRAY (RGBW)
- Source life expectancy: > 50.000 h
- Note: for Luminous flux and Colour rendering refer to the table at the end of this document

### 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

### CONTROL

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

	DMX Channels
WHITE	1 / 2 / 3 ch
RGBW	4 / 7 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

- 90mm High-quality glass lens optics
- Focus: manual
- Gobo size: M
- Note: for Beam angles refer to the table at the end of this document

### ELECTRICAL

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

### HOUSING

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

### OPTIONS

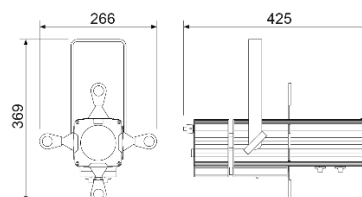
- Track adaptor with data bus

### CONNECTION

- Power cable: 2m H05RN-F cable live end
- DMX: XLR 5-pole In/Out panel connectors

### DIMENSIONS

PR	4.1 Kg	369*266*425 mm
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### COMPLIANCE

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

### DMX chart

	WHITE			RGBW	
	1CH	2CH	3CH	4CH	7CH
	8 BIT	8 BIT	16 BIT	8 BIT	16 BIT
1 ch	DIMMER	DIMMER	DIMMER	RED	RED
2 ch		STROBO	DIMMER FINE	GREEN	GREEN
3 ch			STROBO	BLUE	BLUE
4 ch				WHITE	WHITE
5 ch					DIMMER
6 ch					DIMMER FINE
7 ch					STROBO

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Model	Type	CT	(measure at)	CRI	TLCI	TM-30	Lumen	Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam	Lux	∅ Beam
PR LED 50 ZS	WW	3000K	3000K	97	97	94	1.313	20°	980	1,4	436	2,1	245	2,8	157	3,5	109	4,2
								40°	540	2,9	240	4,3	135	5,8	86	7,2	60	8,7
	NW	4000K	4000K				1.386	20°	1.035	1,4	460	2,1	259	2,8	166	3,5	115	4,2
								40°	570	2,9	253	4,3	143	5,8	91	7,2	63	8,7
	CW	5600K	5600K			1.618	20°	1.275	1,4	567	2,1	319	2,8	204	3,5	142	4,2	
							40°	703	2,9	312	4,3	176	5,8	112	7,2	78	8,7	
	RGBW	2700-8000K	Full Ch			985	20°	735	1,4	327	2,1	184	2,8	118	3,5	82	4,2	
							40°	405	2,9	180	4,3	101	5,8	65	7,2	45	8,7	
									4 m		6 m		8 m		10 m		12 m	