

Architectural Series

50W Fresnel, PC

(ver. 2020/06)



SOURCE

- 50W LED COB/ARRAY (RGBW)
- Source life expectancy: > 50.000 h

	Luminous flux		Colour rendering		
	FN	PC	CRI	TLCI	TM-30
RGBW	716 lm	-	>85	90	90
WW	1'461 lm	1'230 lm			
CW	1'697 lm	1'429 lm	>97	97	94
NW	1'594 lm	1'343 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
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

	Beam	
	FN	PC
WHITE	12°-76°	08°-80°
RGBW	13°-50°	-

ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption: 50 W
- PF>0.94/230VAC PF

HOUSING

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

OPTIONS

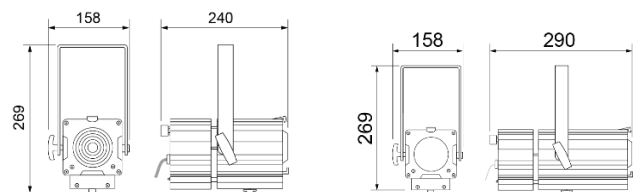
- Track adaptor with data bus

CONNECTION

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

DIMENSIONS

FN	2.5 Kg	269*158*240 mm
FN (RGBW)	2.5 Kg	269*158*280 mm
PC	3.0 Kg	269*158*290 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			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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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 50	WW	3000K	97	12°	884	0,8	393	1,3	221	1,7	141	2,1	98	2,5	3000K
				76°	88	6,2	39	9,3	22	12,4	14	15,5	10	18,6	
	NW	4000K	97	12°	966	0,8	429	1,3	242	1,7	155	2,1	107	2,5	4000K
				76°	96	6,2	43	9,3	24	12,4	15	15,5	11	18,6	
	CW	5600K	97	12°	1028	0,8	457	1,3	257	1,7	164	2,1	114	2,5	5600K
				76°	103	6,2	46	9,3	26	12,4	16	15,5	11	18,6	
	RGBW	2700-8000K	85	13°	760	0,9	338	1,4	190	1,8	122	2,3	84	2,7	Full Ch
				50°	121	3,7	54	5,6	30	7,4	19	9,3	13	11,1	
PC LED 50	WW	3000K	97	8°	1406	0,6	625	0,8	352	1,1	225	1,4	156	1,7	3000K
				80°	79	6,6	35	10,0	20	13,3	13	16,6	9	19,9	
	NW	4000K	97	8°	1537	0,6	683	0,8	384	1,1	246	1,4	171	1,7	4000K
				80°	86	6,6	38	10,0	22	13,3	14	16,6	10	19,9	
	CW	5600K	95	8°	1635	0,6	727	0,8	409	1,1	262	1,4	182	1,7	5600K
				80°	92	6,6	41	10,0	23	13,3	15	16,6	10	19,9	