

## A.SHOW D

### 5.600K Daylight LED

- 200W
- 13.500lm luminous flux
- CRI / TLCI 98
- IP66 In/Outdoor

ROXX® Architectural SHOW Series offers very high performance, weatherproof fixtures and features Single-Source-LEDs that produce an incredibly smooth lighting and uniform colors, providing a solution for any requirement. The LED variations range from a Tunable White over to a Full Color to a pure Tungsten and up to a Daylight version. Each one reaching an exceptionally good light quality with high CRI / TLCI and a massive light luminosity. The A.SHOW D (Daylight) convinces with its incredibly naturally reproduced colors and skin tones due to the central 200W daylight LED with 5.600 Kelvin color temperature. With a service life of 50.000 hours and an enormous 13.500lm luminous flux this powerful daylight is the perfect fixture for architectural purposes, theme parks and cruise ships. Thanks to the specially developed ROXX® R.LOK technology, the lenses are protected against unauthorized changes but are easily exchangeable when needed. This allows the beam angle to be conveniently adjusted, whether from 24°, 36°, 54° or elliptical 21°x27° and 22°x57°. The A.SHOW Series is IP66 certified and features additional C5-M corrosion protection thus proving to be the perfect fixture for fixed installations in difficult environments like coastal or offshore areas with high salt exposure. The power inputs as well as the DMX & 0-10V I/O are realised via cable glands and Phoenix connection blocks for an individual and comfortable installation. Covering all possible requirements, the fixture includes an extensive range of accessories including 8-Way Barndoor, Honey Comb, Anti-Glare Shield, various lenses, Gel Frame and the R.KEY which is a tool that was designed for ROXX® especially to fit all pig-nose tilt locks of the architectural fixtures.

### Accessories



Lenses



Accessory Holder



8-Way Barndoor



Honey Comb



R.KEY



Gel Frame



Full Anti-Glare Shield



## Technical Data

### Photometrics

LED expected lifetime	50.000 hours
Lightsource	1x200W Daylight
Type of optical system	reflector + interchangeable lens plates
LED PWM Frequency	selectable 800Hz, 1200Hz, 2000Hz, 3600Hz, 12kHz, 25kHz
Beam angles (50%)	24° (with narrow lens) 36° (with medium lens) 54° (with wide lens) 21°x27° (with elliptical narrow lens) 22°x57° (with elliptical wide lens)
Maximum Field angles (10%)	38° (with narrow lens) 69° (with medium lens) 85° (with wide lens) 41°x51° (with elliptical-narrow lens) 48°x82° (with elliptical-wide lens)
Color temperature range	fixed 5.600K
Efficacy (max)	61,55 lm/W
CRI/RA	98
TLCI	98
TM-30-15	Rf 94 / Rg 103
Luminous flux	13.222 lm
illuminance Lux @ 5m (narrow lens)	1.989 lx
illuminance Lux @ 5m (medium lens)	743 lx
illuminance Lux @ 5m (wide lens)	430 lx
illuminance Lux @ 5m (elliptical-narrow lens)	1.340 lx
illuminance Lux @ 5m (elliptical-wide lens)	641 lx

### Thermal Characteristics

Cooling	Active, Forced Air, Temperature-regulated
Humidity (max.)	95%
Temperature range, Operating	-20°C to 45°C
Temperature range, Start-up	-20°C to 50°C
Temperature range, Storage	-20°C to 80°C
Thermal Protection	Automatic overtemperature protection

### Electrical Data

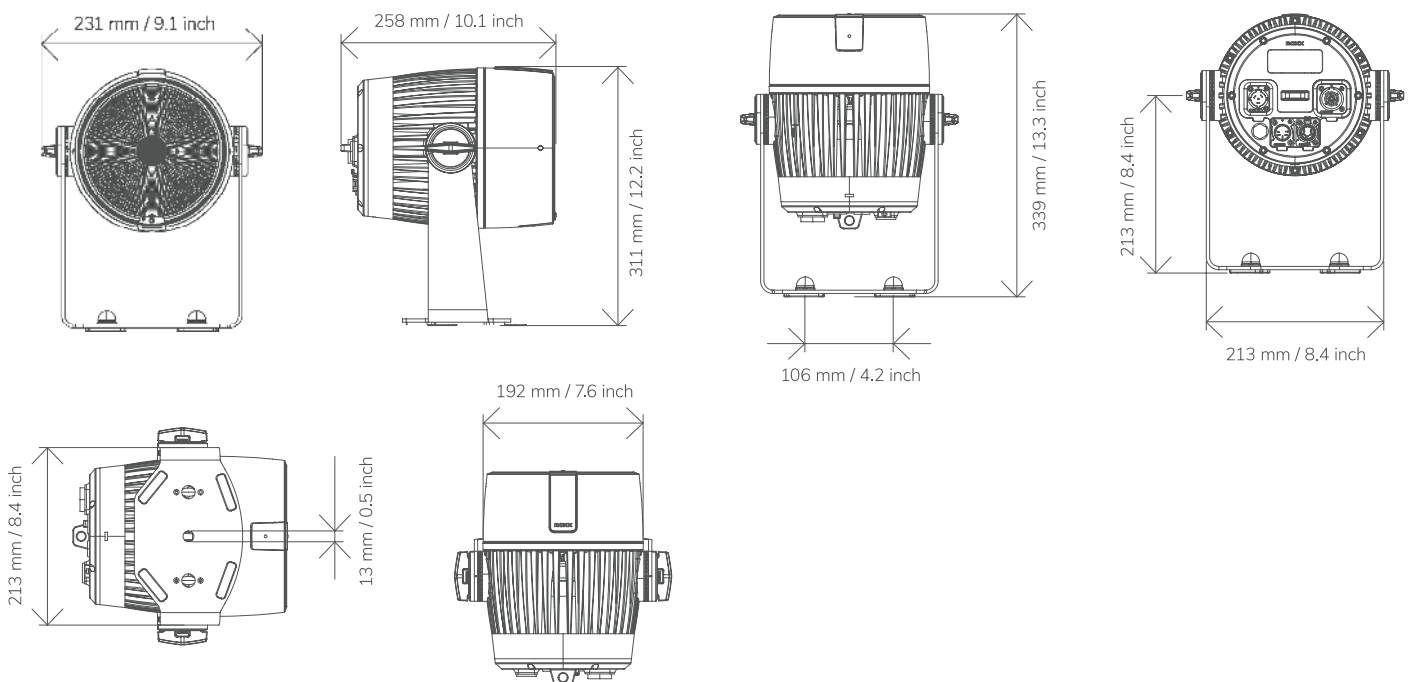
AC power, max.	90 – 305V 50/60Hz
AC Power, nominal	100 – 277V 50/60Hz
Electrical Protection	Overload protection with automatic recover
Max Inrush Current	50A
Max power consumption	220W
Typical power consumption	160W
Standby power	6,7W
Max power thru @ 100 V	8A
Max power thru @ 230 V	8A
Power factor	0,92 PF (230 V) / 0,99 PF (100V)
Power Supply Unit	Inbuilt auto-ranging electronic switch-mode
Power Linking	4 units @ 120V; 8 units @ 230 V

### Operator & Controller

DMX channels	1CH, 2CH, 3CH, 4CH
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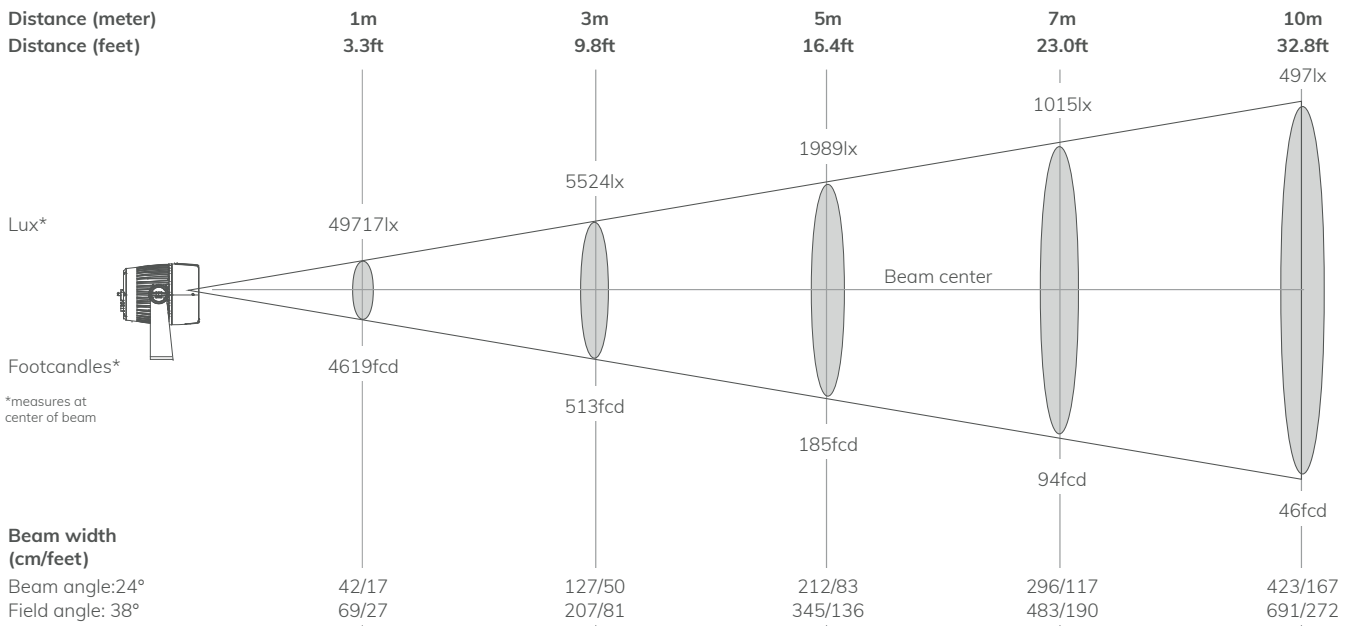
**Technical Data**

<b>DMX modes</b>	4
<b>Protocol</b>	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S USITT DMX512A RDM ANSI E1.20 Bluetooth (Low Energy)
<b>Setting and addressing</b>	OLED graphical display / 4 controls RDM ANSI E1.20
<b>Standalone mode</b>	Auto Program, Editor, Color Macro, Quick Color, Tunable White, User Color, Timer
<b>Wireless DMX</b>	Lumenradio with RDM (CRMX)
<b>Indicator</b>	OLED graphical display
<b>Controls</b>	4 touch sensitive, backlit controls
<b>Strobe</b>	0-20Hz
<b>DMX I/O</b>	cable bushing thru IP66 rated PG connection, including Phoenix type terminal block
<b>Power Input</b>	cable bushing thru IP66 rated PG connection, including Phoenix type terminal block
<b>Dimensions &amp; Weight</b>	
<b>IP class</b>	IP 66
<b>Net Dimensions (w x h x d)</b>	231 x 311 x 258 mm
<b>Physical Head Straight Up Height</b>	339 mm
<b>Net Dimensions inches</b>	9,1 x 12,2 x 10,1 inches
<b>Net Weight</b>	5,7 kg (12,6 lbs)
<b>Included / Optional</b>	
<b>Included items</b>	2x radiator caps for pendant installation 2m power cable
<b>Color options</b>	White – RAL 9010 Black – RAL 9004 (Standard) Custom color – any RAL



**Luminaire Photometrics**

**Narrow Lens**



Lens	Angle	Distance									
		1m/3.3ft		3m/9.8ft		5m/16.4ft		7m/23ft		10m/32.8ft	
		Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch
<b>N</b>	Beam angle: 24°	49717/ 4619	42/17	5524/ 513	127/50	1989/ 185	212/83	1015/ 94	296/117	497/ 46	423/167
	Field angle: 38°		69/27		207/81		345/136		483/190		691/272
<b>M</b>	Beam angle: 36°	18579/ 1726	65/26	2064/ 192	196/77	743/ 69	326/128	379/ 35	456/180	186/ 17	652/257
	Field angle: 69°		137/54		412/162		687/270		962/379		1375/541
<b>W</b>	Beam angle: 54°	10755/ 999	102/40	1195/ 111	306/120	430/ 40	508/200	220/ 20	711/280	108/ 10	1017/400
	Field angle: 85°		183/72		550/217		916/361		1283/505		1833/722
<b>EN</b>	Beam angle: 21°x26°	33488/ 3111	37x67/ 15x26	3721/ 346	111x141/ 44x56	1340/ 124	185x235/ 73x93	683/ 63	259x328/ 102x129	335/ 31	371x469/ 146x185
	Field angle: 41°x51°		75x96/ 30x38		225x287/ 89x113		375x478/ 148x188		525x669/ 207x263		750x956/ 295x376
<b>EW</b>	Beam angle: 23°x56°	16025/ 1489	41x106/ 16x42	1781/ 165	122x319/ 48x126	641/ 60	203x532/ 80x209	327/ 30	284x744/ 112x293	160/ 15	405x1063/ 159x419
	Field angle: 48°x83°		90x176/ 35x69		269x527/ 106x207		448x879/ 176x346		628x1230/ 247x484		897x1757/ 353x692

## Order Number

A.SHOW D	Order Number
A.SHOW D White	11302302
A.SHOW D Black	11302301
A.SHOW D Custom	11302303
Accessories	Order Number
A.SHOW Lens N (Narrow)	11307005
A.SHOW Lens M (Medium)	11307105
A.SHOW Lens W (Wide)	11307205
A.SHOW Lens EN (Elliptical Narrow)	11307305
A.SHOW Lens EW (Elliptical Wide)	11308205
A.SHOW Accessory Holder	11307401

Accessories	Order Number
A.SHOW Barndoor	11307501
A.SHOW Honey Comb	11907601
Gel Frame	11907701
R.KEY	11990013
SHOW Full Anti-Glare Shield (White)	11208402
SHOW Full Anti-Glare Shield (Custom Color)	11208403

## Further Versions



A.SHOW T



A.SHOW FC



A.SHOW TW+

