



T.SHOW mini FC

- RGBL LED Engine
- 4.325lm luminous flux
- App Control / Wireless DMX



The new tracklight from ROXX®, the T.SHOW mini, opens up another area of application for the compact Show mini series. Without compromising on performance or optics, the small quick-change artist adapts to all wishes and facilitates mounting and operation with its completely wireless control. The T.SHOW mini includes two LED versions, the already familiar Tunable White (RGBALC) and Full Color. The luminaire is IP65 (without Eutrac Tracklight Adaptor) and IP20 (including Tracklight Eutrac Adaptor) certified and made of robust die-cast aluminium. In addition to control via DMX, RDM or standalone, ROXX® integrates the wireless technology of the Swedish manufacturer Lumenradio. The integrated Bluetooth interface enables direct control via an iOS device using ROXX.APP. The ROXX® T.SHOW mini series uses the already popular single-source LEDs that produce a very uniform, powerful light without colour or multi-shadows, and LED variants including a Tunable White (RGBALC) and a Full Colour (RGB+Lime) version. Both circular and elliptical emitting Micro Fresnel lenses can be changed easily, quickly and without tools, as usual, thanks to the specially developed and protected ROXX® R.LOK® technology. The beam angle can thus be conveniently adjusted, whether 14°, 23°, 35°, 52° or elliptical 30° x 15° and 46° x 17.5°.



Accessories



Lenses



Safety Free Accessory Holder



8-Way Barndoor



Honey Comb



Pignose



Full Anti Glare Shield

Apps



Technical Data

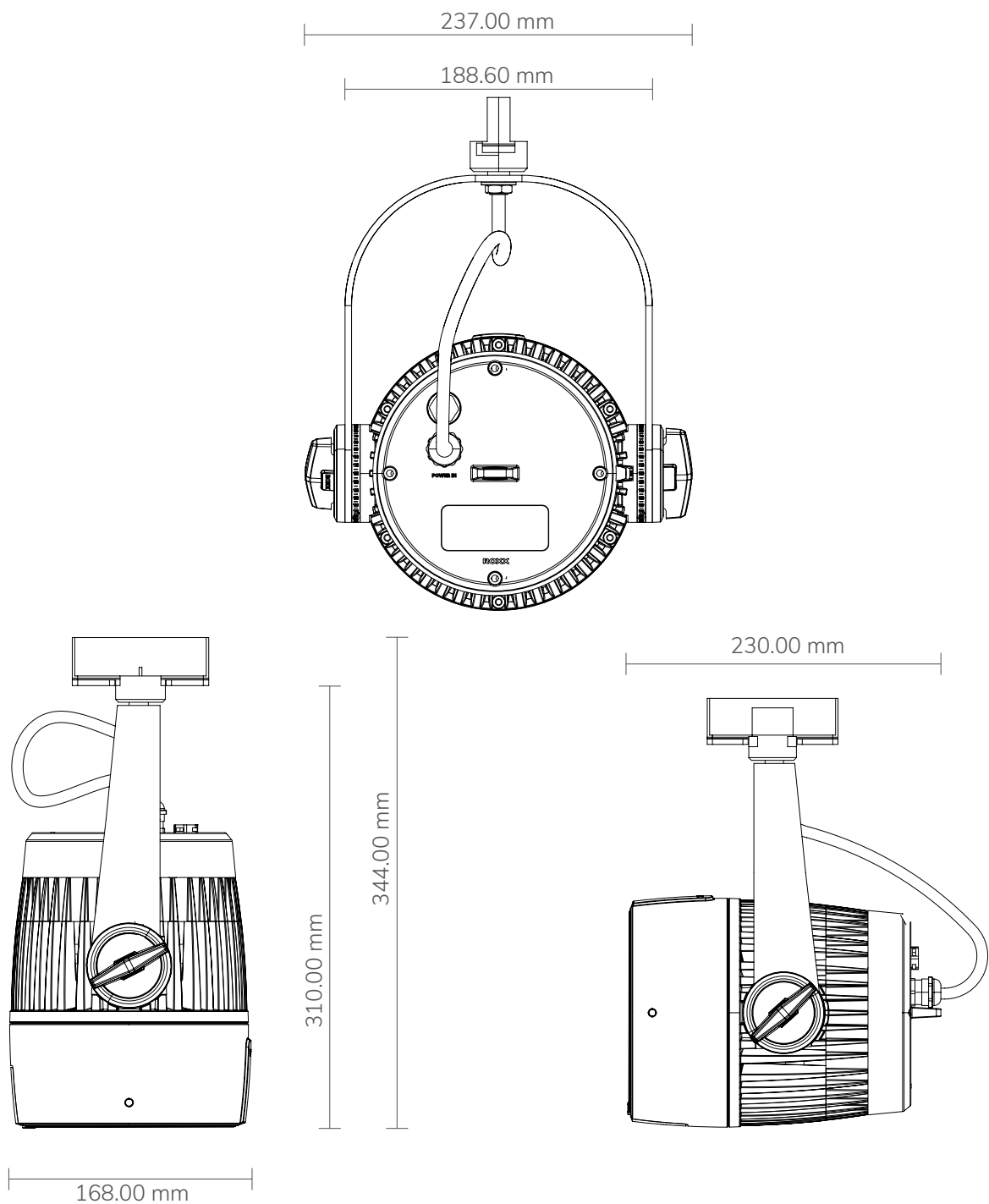
Photometrics	
LED expected lifetime	50.000 hours
Lightsources	1x100W RGBL
Type of optical system	reflector + interchangeable lens plates
LED PWM Frequency	selectable 800Hz, 1.200Hz, 2.000Hz, 3.600Hz, 12kHz, 25kHz
Beam angles (50%)	14° (with VN lens)
	23° (with N lens)
	35° (with M lens)
	52° (with W lens)
	30° x 15° (with EN lens)
	46° x 17,5° (with EW lens)
Maximum Field angles (10%)	25° (with VN lens)
	43° (with N lens)
	69° (with M lens)
	86° (with W lens)
	58° x 34° (with EN lens)
	73,5° x 40° (with EW lens)
Color temperature range	2.000-10.000K
CRI/Ra	80
Efficacy (max)	36,16 lm/W
Luminous flux	4325lm
illuminance Lux @ 3m (with VN lens)	4200lx
illuminance Lux @ 3m (with N lens)	1886lx
illuminance Lux @ 3m (with M lens)	725lx
illuminance Lux @ 3m (with W lens)	400lx
illuminance Lux @ 3m (with EN lens)	1390lx
illuminance Lux @ 3m (with EW lens)	924lx
Dimensions & Weight	
IP class	IP65 without Eutrac Tracklight Adaptor IP20 including Eutrac Tracklight Adapter
Body material	Aluminum, Nylon
Lens material	Tempered glass front
Net dimensions (w x h x d)	170 x 273 x 230mm
Net dimensions inches	6,69 x 10,75 x 9,06 inches
Physical Head Straight Up Height	310mm (12,20 inches)
Net weight (including Yoke)	3,92 kg (8,64lbs)
Tilt	360°
Tilt Locking System	Locking system with angle indicator
Thermal Characteristics	
Cooling	Active, Forced Air, Temperature-regulated
Humidity (max.)	95%
Temperature range, Operating	-20°C to 45°C

Technical Data

Temperature range, Start-Up	-20° to 50°C
Temperature range, Storage	-20°C to 80°C
Thermal Protection	Automatic overtemperature protection
Electrical Data	
AC Power, max	90 – 285V 50/60Hz
AC Power, nominal	100 – 240V 50/60Hz
Electrical protection	Overload protection with automatic recover
Max Inrush Current	1,258A
Max power consumption	130W
Standby Power	5,5W
Max power thru @ 100 V	n.a.
Max power thru @ 230 V	n.a.
Power Factor	0.862 PF (230V) / 0.985 PF (120V)
Power Supply Unit	Inbuilt auto-ranging electronic switch-mode
Power Linking	n.a.
Included / optional	
Included items	2x radiator caps for pendant installation
	Eutrac 3-phase Tracklight Adaptor incl. Power cable
Optional Accessories	Multiple Lens Plates (circular & elliptical), Safety-Free Accessory Adapter, 8-Way Barndoor, Honey Comb, Full Anti-Glare Shield, Gel-Frame, Pig-Nose Yoke screws
Color options	Black – RAL 9004 (Standard)
	White – RAL 9010 (on request)
	Custom color – any RAL (on request)
Operator & Controller	
DMX Functions	Dimmer, Dimmer Fine, Shutter, Duration, Hue, Saturation, Red, Red Fine, Green, Green Fine, Blue, Blue Fine, Lime, Lime Fine, CCT, Tint, Color Macro, Color Macro Crossfade, Device Settings
DMX channels	3CH CCT, 3CH RGB, 6CH RGB, 9CH RGB, 11CH RGB, 14CH RGB, 4CH DIRECT, 8CH DIRECT, 11CH DIRECT, 16CH DIRECT, 3CH HSI, 10CH HSI
DMX modes	12
Protocol	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S
	USITT DMX512A
	RDM ANSI E1.20
	Bluetooth Low Energy (BLE)
Setting and addressing	OLED graphical display / 4 controls
	RDM ANSI E1.20
Standalone mode	Auto Program, Editor, Color Macro, Quick Color, Tunable White, User Color, Timer
Wireless DMX indicator	Lumenradio with RDM (CRMX)
controls	OLED graphical display
Strobe	4 touch sensitive, backlit controls
Strobe	0-20Hz
DMX I/O	n.a.
Power In	Eutrac Tracklight Adaptor

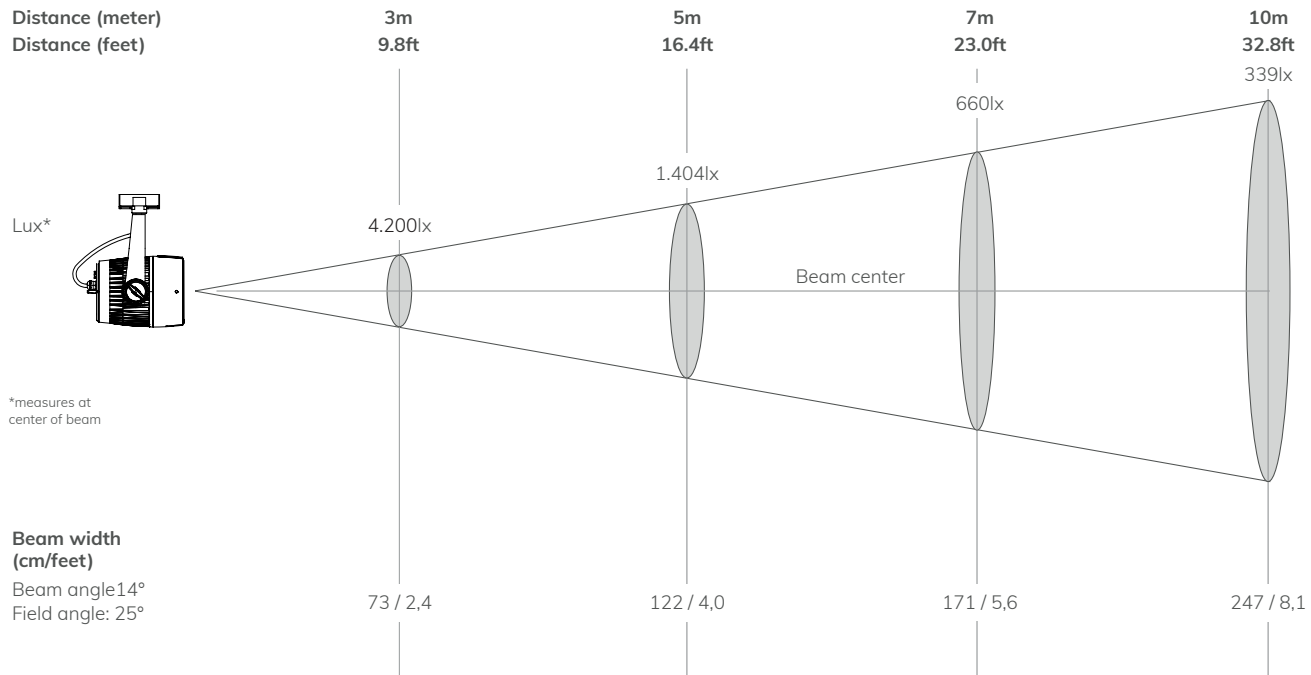
Technical Data

Installation	
Mounting point on fixture	Eutrac Tracklight Adaptor on YOKE or Safety Eye for Pendant installation
Orientation	Any
Rigging possibilities	Hanging or ceiling / pendant mount (Pendant blind caps included)
Safety features	rear mount for safety wire
Minimum distance from flammable materials	0,3 meters (11,8 inch)



Luminaire Photometrics

Very Narrow Lens



Lens	Beam / Field Angle	Distance							
		3m/9.8ft		5m/16.4ft		7m/23ft		10m/32.8ft	
		Illuminance lux	Diameter cm/feet	Illuminance lux	Diameter cm/feet	Illuminance lux	Diameter cm/feet	Illuminance lux	Diameter cm/feet
VN lens	14° / 25°	4200	73 / 2,4	1404	122 / 4,0	660	171 / 5,6	339	247 / 8,1
N lens	23° / 43°	1886	122 / 4,0	696	204 / 6,7	349	283 / 9,3	174	405 / 13,3
M lens	35° / 69°	725	189 / 6,2	264	314 / 10,3	135	442 / 14,5	66	631 / 20,7
W lens	52° / 86°	400	293 / 9,6	147	488 / 16,0	76	683 / 22,4	37	975 / 32,0
EN lens (v x h)	30° / 58° x 15° / 34°	1390	160 x 80 / 5,25 x 2,62	320	268 x 131 / 8,8 x 4,3	163	375 x 183 / 12,3 x 6,0	80	536 x 262 / 17,6 x 8,6
EW lens (v x h)	46° / 73,5° x 17,5° / 40°	924	255 x 92 / 8,37 x 3,02	230	424 x 152 / 13,9 x 5,0	115	594 x 216 / 19,5 x 7,1	58	850 x 308 / 27,9 x 10,1

Order Number

SHOW mini	Order Number
T.SHOW mini FC	11501101
Accessories	Order Number
SHOW mini Lens VN (Very Narrow)	11409701
SHOW mini Lens N (Narrow)	11408901
SHOW mini Lens M (Medium)	11409001
SHOW mini Lens W (Wide)	11409101
SHOW mini Lens EN (Elliptical Narrow)	11409201
SHOW mini Lens EW (Elliptical Wide)	11409301

Accessories	Order Number
Safety Free Accessory Holder	11909401
8-Way Barndoor	11909501
Honey Comb	11909501
SHOW Full Anti-Glare Shield	11909801
Pignose Screw Set black	11906401
Pignose Screw Set white	11906402

Further Versions



T.SHOW mini TW+

