TLR 8IGHT-XE Elite

Setup: Hard Packed, Smooth/Rough, Grooved, Med Grip · Marco R · Nov 25, 2021

so dialed
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EVENT

Event	Friday Nights Under the Lights

TRACK

Track	Gulf Coast Raceway
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	65°F (18°C)
Track temp	75°F (24°C)

FRONT SUSPENSION

Anti-roll bar	2.4mm
Arm inserts	Carbon
Arm mount inserts - A	0.5 down
Arm mount inserts - B	0.5 up
Arms	Kit
Axle height	2mm insert
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	4 - Inside mid-top
Outer link location	A - Inside top
Droop	105 mm
Hub carriers	Plastic 17.5 deg
Kick-up	12 degrees
Ride height	26 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle-out
Steering arms	Kit
Steering blocks	Kit
STEERING LINK	
Inner link location	ProRc Carbon Steering Link in Zero location(farthest back)
Inner link shims	2 mm
Outer link shims	1 mm
Toe	+1.5 degrees
Tower	Aluminum - Black
Track: wheel hexes	+0mm

TIRES

	FRONT	REAR
Tire brand / type	ProLine Slidelocks	ProLine Slidelocks
Tire compound	S4	S4
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	TLR44000	TLR44000

REAR SUSPENSION

Anti-roll bar	2.6mm
Arm inserts	Plastic
Arm mount inserts - C (anti-squat)	2.0 degrees - 0
Arm mount inserts - D (toe)	-3.5 degrees - 0.5 out
Axle height	Low
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	3 - Inside middle
Outer link location	C - MIddle-out
Droop	115 mm
Hubs	Kit
Mud guards	Kit
Ride height	27 mm
Shock location	Back of arm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Tower	Aluminum - Black
Track: wheel hexes	+1mm
Wheelbase: hub shims	Front 0mm / rear 3mm (short)

NOTES Need to test .5 up pill for anti squat.

Also test +2 hubs.

BODY & CHASSIS

Battery position	Front
Body	Kit
Chassis	Kit
FLEX	
Center diff brace	Kit
Chassis rib brace	Aluminum
Front brace	Aluminum
Front chassis brace	Kit
Rear wing	TLR Plastic
Rear wing spacer	10 mm
Rear wing wickerbill	0.250

SHOCKS

	FRONT	REAR
Oil weight	37.5 wt	32.5 wt
Pistons	8 x 1.2mm tapered	8 x 1.2mm
Shafts	3.5mm	3.5mm
Shock length	108.5 mm	121 mm
Shock type	Emulsion	Emulsion
Springs	EVO 5.3 Violet	EVO 4.0 Orange
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	4,000 cst
Diff mass	43.2 g	42.7 g
Diff type	STD case, Steel pins	STD case, Steel pins
Center diff case	Standard	
Center diff fluid	7,000 cst	
Center diff mass	43.2 g	
Center diff type	STD case, Steel pins	
Diff fluid brand	TLR	

NOTES Need to test 10K center diff Recommended by local fast guy.

DRIVETRAIN

Driveshaft - center front	Kit
Driveshaft - center rear	Kit
Driveshafts - front	Universal
Driveshafts - rear	Universal
Driveshafts - rear pin location	Toward axle
Pinion	15
Spur	46 teeth

ELECTRONICS

Battery brand	SMC
Battery C rating	75 C
Battery capacity	6500 mAh
ESC brand	Hobbywing
ESC model	XR8 Pro
Motor brand	Hobbywing
Motor Kv constant	1900 Kv
Steering servo brand	MKS Servos
Steering servo model	550