RDS-SERIES™

- Emits a 10 degree cone of light from each LED with unmatched output & efficiency for a much wider spread of light..
- Certified to IP-68 for water & dust intrusion and MIL-STD-810G for shock/vibration.
- Unbreakable polycarbonate lens and Tiger Series 38 UV & abrasion resistant powder coat.
- It has a custom two-bolt mounting system for adjustability and strength in harsh conditions.

Rigid Industries® RDS-Series is another first for the lighting industry. The RDS-Series starts with an E-Series™ light bar treated to a gentle arc, creating a linear LED light with a curve in a 20"-54" extruded aluminum housing and packed full of Rigid's latest advancement in LED technology. RDS-Series brings a new sleekness to the roof or bumper of a vehicle while providing a wider spread of light.

RDS Output Technology™ requires a new way to measure projected light.

Continuous Arc Intensity™ (CAI) is the new way to measure intensity. Since the array of LEDs are not pointing in the same direction the SAE methodology to measure intensity does not apply. We still measure intensity, but it is spread over an arc at a constant intensity.

Continuous Arc Width™ (CAW) is the width of continuous intensity as shown in the CAI. This is measured in degrees of light projected. For example, the 54" light bar has a 46º spot beam.

Continuous Arc Distance™ (CAD) is the distance using SAE methodology to measure .25 lux as max beam distance. The difference? "Arc Distance" is measured over the entire width of the CAI, not just the center of the beam..

SPECIFICATIONS

Product Description	Part #	Weight (lbs)	Watts	AMP Draw	LEDs	Raw Lumens*	Continuous Arc Intensity	Continuous Arc Width	Continuous Arc Distance
RDS 20" - Spot	88221	6.6	150	10.87	40	10460	245000	26.7	989.9
RDS 30" - Spot	88321	9.2	225	16.30	60	15690	321000	32.6	1133.1
RDS 40" - Spot	88421	12	300	21.74	80	20920	325000	38.4	1140.2
RDS 50" - Spot	88521	18.25	375	27.17	100	26150	364000	44.3	1206.6
RDS 54" - Spot	88621	20	405	29.35	108	28242	365000	46.6	1208.3

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