

# RDS-SERIES<sup>®</sup> PRO

Rigid revolutionized the lighting industry with the introduction of the RDS-Series, and recent advancements in LED technology have made them more powerful than ever before with the RDS-Series PRO. With an improved output of 85,538 raw lumens, the RDS-Series Pro projects more usable light exactly where it's needed on the road ahead. By taking an E-Series light bar and treating it to a gentle arc, the patented RDS-Series provides a sleek, integrated look with the curved windshields and bumpers on today's trucks and SUVs. The curve is for more than just looks, it is also functional: the arc of the RDS-Series light bars provides a wider spread of LED light, providing unmatched lighting coverage with a single light bar. RDS Series PRO also includes updated branding and blacked-out circuit boards for a more refined look.



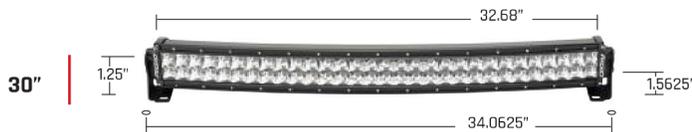
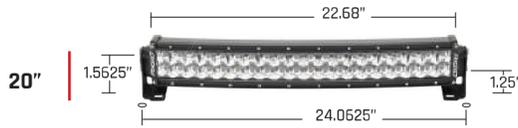
**CURVE YOUR  
EXCITEMENT.**





## FEATURES

- 50,000+ Hour Lifespan
- 9-36 V DC
- Durable UV Polyester Powder Coat
- GORE® Pressure Equalizing Vent
- Harness & Switch Included (Exclusions Apply)
- High-Grade Aluminum Alloy Heatsink
- Integrated Thermal Management System
- Impact Resistant Polycarbonate Lens
- IP68 Compliant - Dust / Water Ingress
- Mounting Brackets Included
- Over / Under Voltage Protection
- Operating Temp -40° F ~ +145° F / -40° C ~ +60° C
- Protected Against RFI / EMI
- Patented Technology
- Reverse Polarity Protection
- RoHS Compliant
- SAE J575 Compliant - Shock / Vibration
- Waterproof Deutsch Connector (Exclusions Apply)

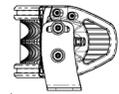


## DIMENSIONS

ALL HOUSINGS AVAILABLE IN WHITE



## SIDE VIEW



- (20") 4.0625"
- (30") 4.6875"
- (40") 5.6875"
- (50") 6.8125"
- (54") 7.375"

1.5625"

1.5625"

WHAT BEAM  
PATTERN WILL  
SUIT MY NEEDS  
THE BEST?

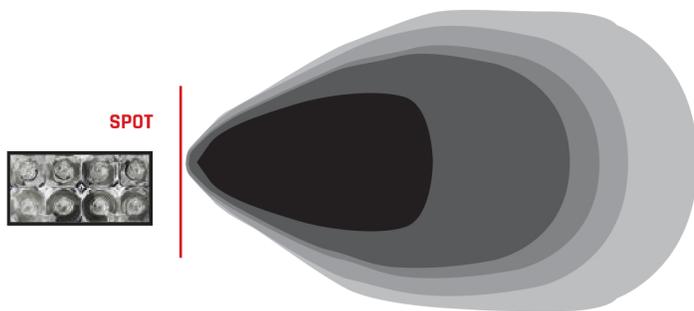


## BEAM PATTERNS & RDS PATENTED TECHNOLOGY

Our custom designed graphs are intended to illustrate the beam patterns that our optics produce. First, consider what type of application the light is needed for and then choose what beam pattern best suits your needs. Each beam pattern varies depending on the optic or optic combination you choose. Once you know which beam pattern best suits your needs, refer to the specifications table (A, B, C) to determine how much LUX output you need and which product will best suit your application.



The RDS Output Technology™  
(U.S. Patent No. D713,574 & U.S. Patent No. 6,986,593)



**HOW MUCH  
OUTPUT DO  
I NEED?**

A = LUX AT 10 METERS

B = BEAM DISTANCE (m) WITH 1 LUX

C = BEAM DISTANCE (m) WITH .25 LUX

**SPECIFICATIONS**



**SPOT**

SIZE	BLACK PART NO.	WHITE PART NO.	WT (LBS.)	WATTS	AMP DRAW @ 14VDC	LEDs	*RAW LUMENS
20"	882213	872213	6.31	234	16.72	40	31680
30"	883213	873213	8.99	277	19.8	60	47520
40"	884213	874213	12.40	314	22.44	80	63360
50"	885213	875213	14.26	393	28.05	100	79200
54"	886213	876213	16.07	453	32.34	108	85538

\* Raw Lumens is based on LED manufacturer specifications.\*\*Distance with .25 lux and Peak Beam Intensity are tested using ANSI/NEMA FL standards.



**LIGHTS COME WITH**

**BLACK HOUSING ONLY**

- 2 Black Powder Coated, L-shape brackets
- Open Leads, No Connector
- Harness w/Switch

**WHITE HOUSING ONLY**

- 2 Stainless Steel, L-shape brackets
- Open Leads, No Connector
- Harness w/Switch