



## Master Catalog



**Vol 4**

# E-SERIES



First developed in 2004, the E-Series lineup of products by Rigid Industries set the standard in forward projecting LED lights. The original patented "Hybrid" optical system continues to lead the field in efficiency and projection. In 2011 Rigid Industries

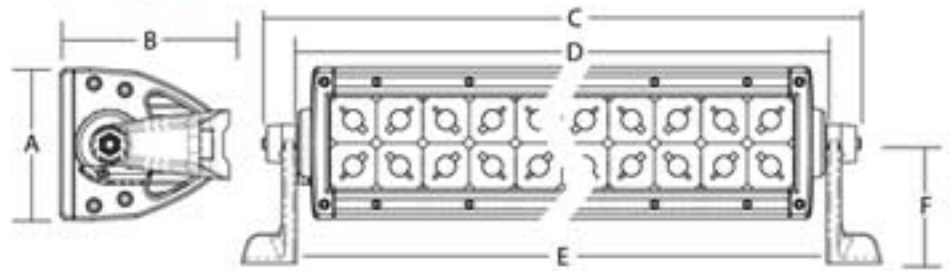
reinvested and redesigned the original Hybrid system to work with the latest Cree and Osram LED's. This redesign netted an almost 50% increase in center intensity over the first generation optical system. Using the new optical system, current E-Series lights project more than twice the amount of light at the same power. As LED technology evolves, so does the ageless E-Series product line. Coming in 2012, you will see intelligence, dimming, and high/low functions. Each E-series product comes with our latest improvements. Those improvements include, a genuine Gore-Tex pressure equalizing system, ultra efficient heatsink, and the unmatched strength and durability Rigid is known for. Add in Rigid Industries limited lifetime warranty and unmatched customer service and the choice is clear.



- Patented Hybrid Optics designed specifically for the latest LED technology
- Highest Lumen output per watt – unmatched efficiency
- Unparalleled reliability – shockproof design; oversized heatsink to keep LEDs cooler – Equates to 50,000 hour average lifespan
- Available in lengths from 4" to 50"
- Spot (10 deg.) or Flood (20 deg.) reflectors give both distance and cornering coverage
- Every E-Series light comes with wiring harness (switch included) and cast brackets (for easy mounting to most flat surfaces)
- Limited lifetime warranty
- Low Power Draw (2.9 amps (14V) per 10" Section)
- Highest Lumen Output per Watt – Each 10" section produces approx. 3950 lumens – equivalent to 150 watts of halogen light!

Alt ID	Description
10411	4" E Series - Flood
10421	4" E Series - Spot
10611	6" E Series - Flood
10621	6" E Series - Spot
10631	6" E Series - Spot/Flood Combo
11011	10" E Series - Flood
11021	10" E Series - Spot
11031	10" E Series - Spot/Flood Combo
12031	20" E Series - Spot/Flood Combo
13031	30" E Series - Spot/Flood Combo
14031	40" E Series - Spot/Flood Combo
15031	50" E Series - Spot/Flood Combo

## Sizing Specification Chart



Model	A	B	C	D	E	F
RGDL04	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL06	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL10	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	12 <sup>7</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL20	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	22 <sup>7</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL30	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	32 <sup>7</sup> / <sub>8</sub>	31 <sup>3</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL40	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	42 <sup>7</sup> / <sub>8</sub>	41 <sup>3</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL50	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	52 <sup>7</sup> / <sub>8</sub>	51 <sup>3</sup> / <sub>8</sub>	50 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>

Specifications (E= 20° Flood, P = 10° Spot, PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL04E	10411	1.9	17	1.18	8	1580	210	298.8	21000
RGDL04P	10421	1.9	17	1.18	8	1580	440	419.5	44000
RGDL06E	10611	2.35	25.5	1.77	12	2370	270	328.6	27000
RGDL06P	10621	2.35	25.5	1.77	12	2370	812	599.9	81200
RGDL06PE	10631	2.35	25.5	1.77	12	2370	525	458.3	52500
RGDL10E	11011	3.45	42.5	2.95	20	3950	450	424.3	45000
RGDL10P	11021	3.45	42.5	2.95	20	3950	1410	751.0	141000
RGDL10PE	11031	3.45	42.5	2.95	20	3950	1015	637.2	101500
RGDL20PE	12031	6.15	85	5.9	40	7900	1960	885.4	196000
RGDL30PE	13031	8.85	127.5	8.85	60	11850	3415	1168.8	341500
RGDL40PE	14031	11.55	169.9	11.8	80	15800	4550	1349.1	455000
RGDL50PE	15031	14.25	212.4	14.75	100	19750	5600	1496.7	560000

## E-Series Accessories

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Security Kits - Page 57



Cradle Mounts - Page 52



Clamp Mounts - Page 52



ATV Mounts - Page 52



MADE IN THE  
USA

\* Based on LED manufacturer Specifications  
\*\* Tested using ANSI/NEMA FL Standards

# E - SERIES: 6"



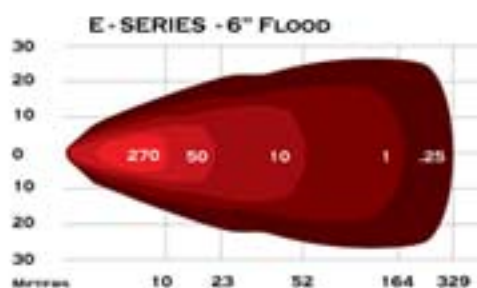
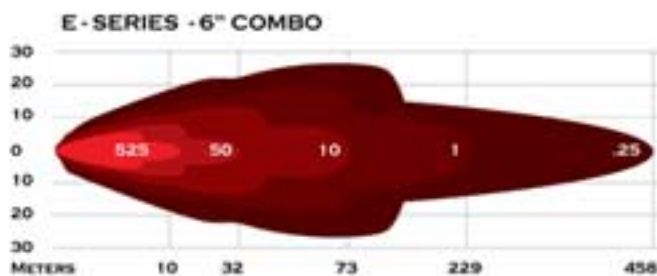
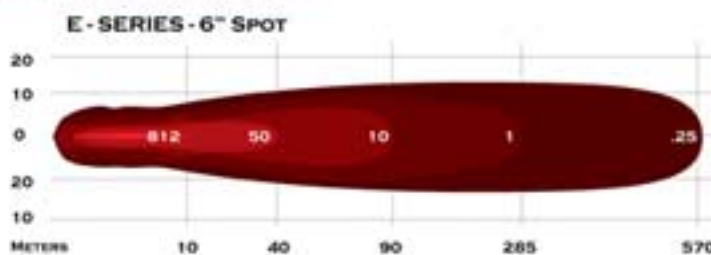
Available in Marine Series  
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Alt ID	Description
10611	6" E Series - Flood
10621	6" E Series - Spot
10631	6" E Series - Spot/Flood Combo

Specifications (E= 20° Flood, P = 10° Spot, PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL06E	10611	2.35	25.5	1.77	12	2370	270	328.6	27000
RGDL06P	10621	2.35	25.5	1.77	12	2370	812	599.9	81200
RGDL06PE	10631	2.35	25.5	1.77	12	2370	525	458.3	52500

## Lux Specifications



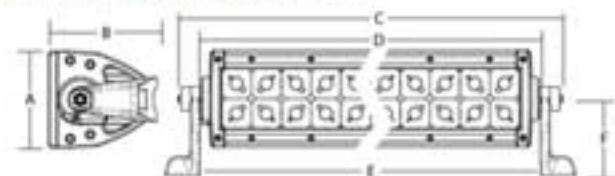
## Light Kit Includes

- Plug and play wiring harness with switch
- Mounting brackets (2)
- Mounting hardware

## Specifications

- 20 Degree flood
- 10 Degree spot
- Goretex breather
- Unbreakable polycarbonate lens
- 6063 Aluminum extrusion
- Durable UV 3800 polyester powdercoat
- Sealed deutsch connector
- 9-36V
- 50,000+ Hour lifespan
- Available in spot, flood, combo patterns
- IP68 certified
- MIL810-STDG vibration certified
- Rohs compliant
- Over/under voltage protection
- Operating temp -40~+145 deg f
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented optics(6,986,593 b2, 7,114,832 b2)

## Size Specifications



Model	A	B	C	D	E	F
RGDL06	3 1/4"	3 1/4"	8 1/4"	7 1/4"	6 1/4"	2 1/4"

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\* Based on LED manufacturer Specifications  
\*\* Tested using ANSI/NEMA FL Standards

# E - SERIES: 10"



Available in Marine Series  
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Specifications (E= 20° Flood, P = 10° Spot, PE = Combo)

Alt ID	Description
11011	10" E Series - Flood
11021	10" E Series - Spot
11031	10" E Series - Spot/Flood Combo

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL10E	11011	3.45	42.5	2.95	20	3950	450	424.3	45000
RGDL10P	11021	3.45	42.5	2.95	20	3950	1410	751.0	141000
RGDL10PE	11031	3.45	42.5	2.95	20	3950	1015	637.2	101500

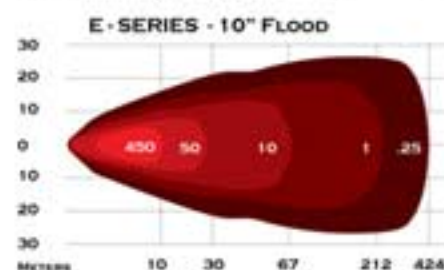
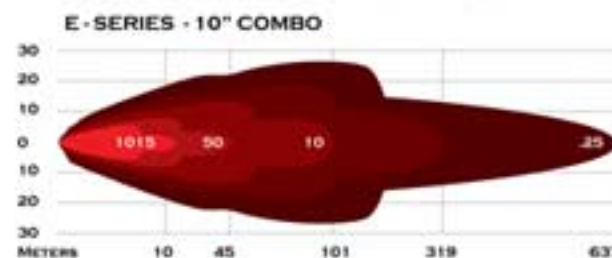
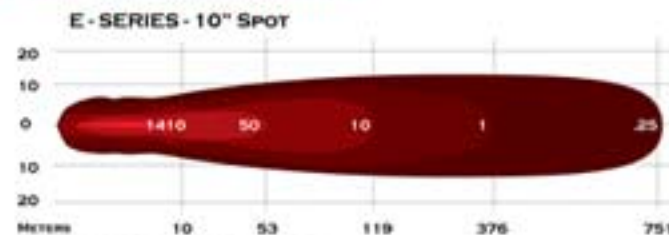
## Specifications

- 20 Degree flood
- 10 Degree spot
- Goretex breather
- Unbreakable polycarbonate lens
- 6063 Aluminum extrusion
- Durable UV 3800 polyester powdercoat
- Sealed deutsch connector
- 9-36V
- 50,000+ Hour lifespan
- Available in spot, flood, combo patterns
- IP68 certified
- MIL810-STDG vibration certified
- Rohs compliant
- Over/under voltage protection
- Operating temp -40~+145 deg f
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented optics(6,986,593 b2, 7,114,832 b2)

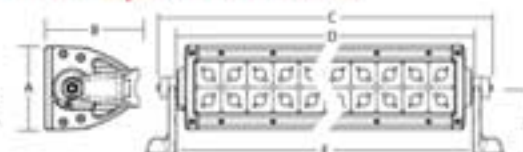
## Light Kit Includes

- Plug and play wiring harness with switch
- Mounting brackets (2)
- Mounting hardware

## Lux Specifications



## Size Specifications



Model	A	B	C	D	E	F
RGDL10	3 1/4"	3 1/4"	12 1/4"	11 1/4"	10 1/4"	2 1/4"

\* Based on LED manufacturer Specifications

\*\* Tested using ANSI/NEMA FL Standards

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# E - SERIES: 20"



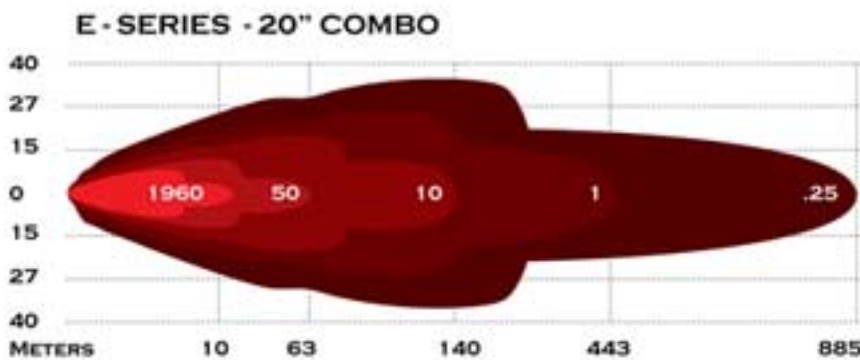
Available in Marine Series  
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Alt ID	Description
12031	20" E Series - Spot/Flood Combo

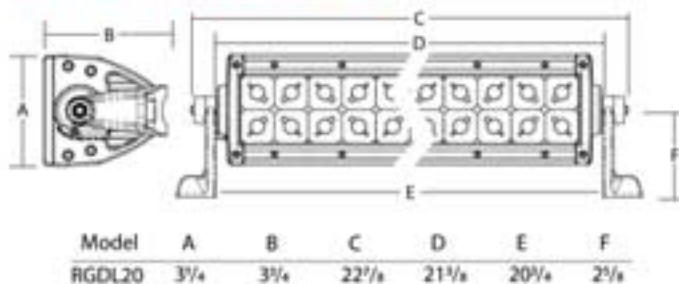
## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL20PE	12031	6.15	85	5.9	40	7900	1960	885.4	196000

## Lux Specifications



## Size Specifications



## Light Kit Includes

- Plug and play wiring harness with switch
- Mounting brackets (2)
- Mounting hardware

## Specifications

- 20 Degree flood
- 10 Degree spot
- Goretex breather
- Unbreakable polycarbonate lens
- 6063 Aluminum extrusion
- Durable UV 3800 polyester powdercoat
- Sealed deutsch connector
- 9-36V
- 50,000+ Hour lifespan
- Available in spot, flood, combo patterns
- IP68 certified
- MIL810-STDG vibration certified
- Rohs compliant
- Over/under voltage protection
- Operating temp -40~+145 deg f
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented optics(6,986,593 b2, 7,114,832 b2)

# E - SERIES: 30"



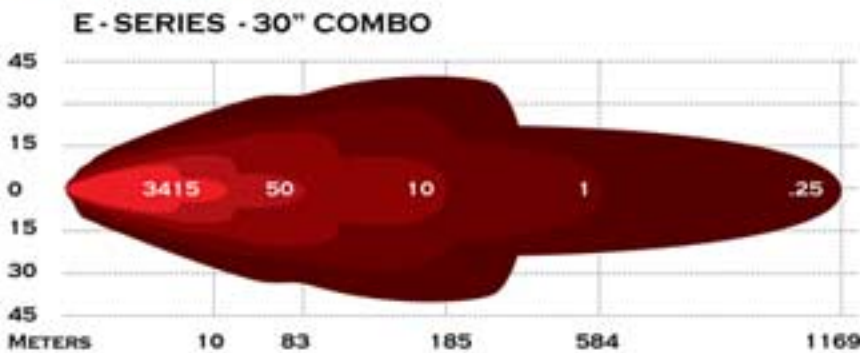
Alt ID	Description
13031	30" E Series - Spot/Flood Combo

Available in Marine Series  
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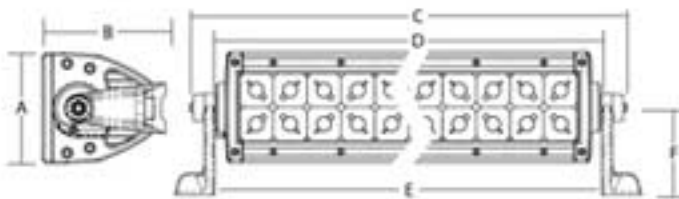
## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL30PE	13031	8.85	127.5	8.85	60	11850	3415	1168.8	341500

## Lux Specifications



## Size Specifications



Model	A	B	C	D	E	F
RGDL30	3 1/4"	3 1/4"	32 1/4"	31 1/4"	30 1/4"	2 1/4"

## Light Kit Includes

- Plug and play wiring harness with switch
- Mounting brackets (2)
- Mounting hardware

## Specifications

- 20 Degree flood
- 10 Degree spot
- Goretex breather
- Unbreakable polycarbonate lens
- 6063 Aluminum extrusion
- Durable UV 3800 polyester powdercoat
- Sealed deutsch connector
- 9-36V
- 50,000+ Hour lifespan
- Available in spot, flood, combo patterns
- IP68 certified
- MIL810-STDG vibration certified
- Rohs compliant
- Over/under voltage protection
- Operating temp -40~+145 deg f
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented optics(6,986,593 b2, 7,114,832 b2)

# E - SERIES: 40"



Available in Marine Series  
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Alt ID	Description
14031	40" E Series - Spot/Flood Combo

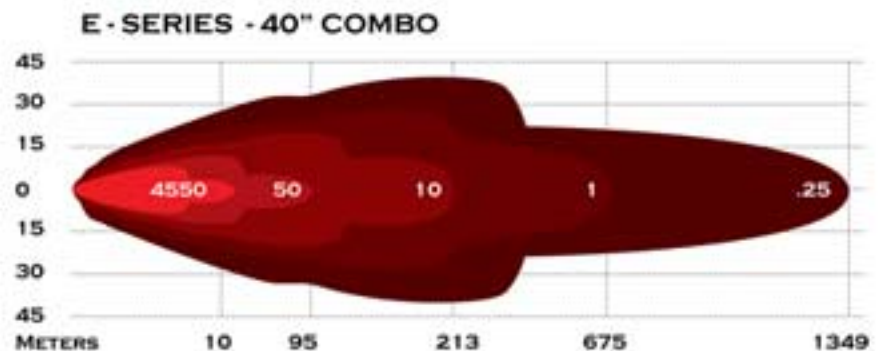
## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL40PE	14031	11.55	169.9	11.8	80	15800	4550	1349.1	455000

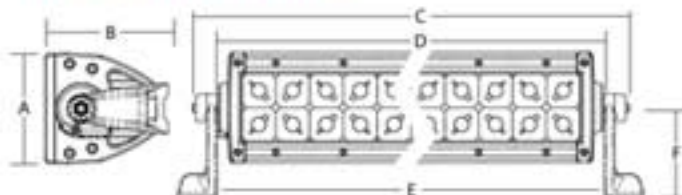
### Specifications

- 20 Degree flood
- 10 Degree spot
- Goretex breather
- Unbreakable polycarbonate lens
- 6063 Aluminum extrusion
- Durable UV 3800 polyester powdercoat
- Sealed deutsch connector
- 9-36V
- 50,000+ Hour lifespan
- Available in spot, flood, combo patterns
- IP68 certified
- MIL810-STDG vibration certified
- Rohs compliant
- Over/under voltage protection
- Operating temp -40~+145 deg f
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented optics(6,986,593 b2, 7,114,832 b2)

### Lux Specifications



### Size Specifications



Model	A	B	C	D	E	F
RGDL40	3 1/4"	3 1/4"	42 1/8"	41 1/8"	40 1/4"	2 1/8"

### Light Kit Includes

- Plug and play wiring harness with switch
- Mounting brackets (2)
- Mounting hardware



# E - SERIES: 50"

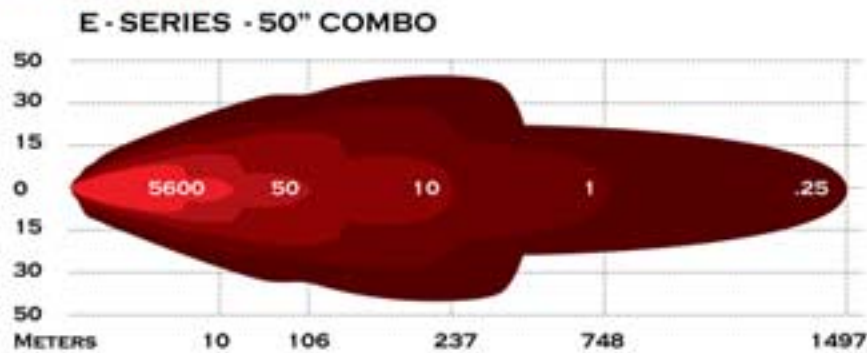


Alt ID	Description
15031	50" E Series - Spot/Flood Combo

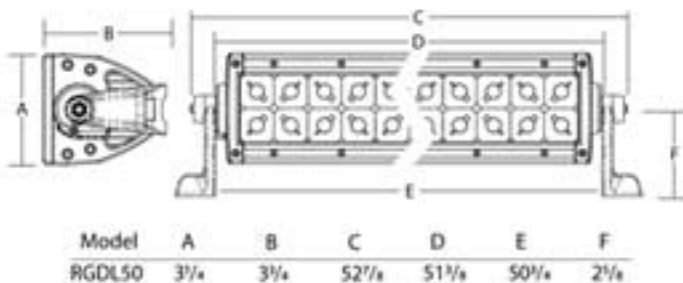
## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL50PE	15031	14.25	212.4	14.75	100	19750	5600	1496.7	560000

## Lux Specifications



## Size Specifications



## Light Kit Includes

- Plug and play wiring harness with switch
- Mounting brackets (2)
- Mounting hardware

## Specifications

- 20 Degree flood
- 10 Degree spot
- Goretex breather
- Unbreakable polycarbonate lens
- 6063 Aluminum extrusion
- Durable UV 3800 polyester powdercoat
- Sealed deutsch connector
- 9-36V
- 50,000+ Hour lifespan
- Available in spot, flood, combo patterns
- IP68 certified
- MIL810-STDG vibration certified
- Rohs compliant
- Over/under voltage protection
- Operating temp -40~+145 deg f
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented optics(6,986,593 b2, 7,114,832 b2)

# AMBER SERIES



If dust, fog, smoke, rain or snow is the problem, the Rigid Amber Series is the Solution. Designed with these hurdles in mind, the Amber wavelength creates clarity by design, and when paired with our patented optics, there is no system available that works at the same level, with the same advantages. Rigid Industries pioneered Amber offroad LED systems in 2006 for the Offroad race circuit with great success, and with continued research and testing the Amber lineup of products has become the industry standard when visibility in harsh environments is needed. Each Amber Series product carries the same limited lifetime warranty, and is of course made in the USA.



## Specifications

- Reflector patterns available in spot, flood or combination
- 50,000+ hours average life span – over 6 ½ years of continuous use
- 94% optical/reflector efficiency
- 9-36 Volt DC Input
- 100% optically clear – AR1 coated polycarbonate lens
- Instant on/off, no warm-up
- Operating Temp: -40 ~ + 145 deg. F
- Shock proof
- Over/under voltage protection
- Limited lifetime warranty
- Oversized heat sink
- Low power consumption
- IP68 rating
- Integrated thermal management system
- Zero UV emissions

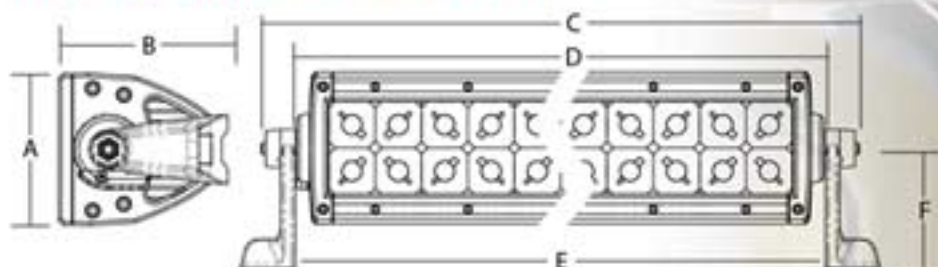
Specifications (E= 20° Flood, P = 10° Spot, PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
RGDL04AMB	10412	1.9	17	1.18	8	1580	210	298.8	21000
RGDL04AMBP	10411	1.9	17	1.18	8	1580	440	419.5	44000
RGDL06AMBE	10612	2.35	25.5	1.77	12	2370	270	328.6	27000
RGDL06AMBP	10622	2.35	25.5	1.77	12	2370	812	599.9	81200
RGDL06AMBPE	10632	2.35	25.5	1.77	12	2370	525	458.3	52500
RGDL10AMBE	11012	3.45	42.5	2.95	20	3950	450	424.3	45000
RGDL10AMBP	11022	3.45	42.5	2.95	20	3950	1410	751.0	141000
RGDL10AMBPE	11032	3.45	42.5	2.95	20	3950	1015	637.2	101500
RGDL20AMBPE	12032	6.15	85	5.9	40	7900	1960	885.4	196000
RGDL30AMBPE	13032	8.85	127.5	8.85	60	11850	3415	1168.8	341500
RGDL40AMBPE	14032	11.55	169.9	11.8	80	15800	4550	1349.1	455000
RGDL50AMBPE	15032	14.25	212.4	14.75	100	19750	5600	1496.7	560000
DUALLYFLDAMB	20112	1.25	15	1	4	1300	150	244.9	15000
DUALLYSPAMB	20122	1.25	15	1	4	1300	395	397.5	39500
DLYFLDAMBSET	20212	1.25	28	1.9	6	2600	180	298.3	18000
DLYSPAMBSET	20222	1.25	28	1.9	6	2600	150	244.9	15000

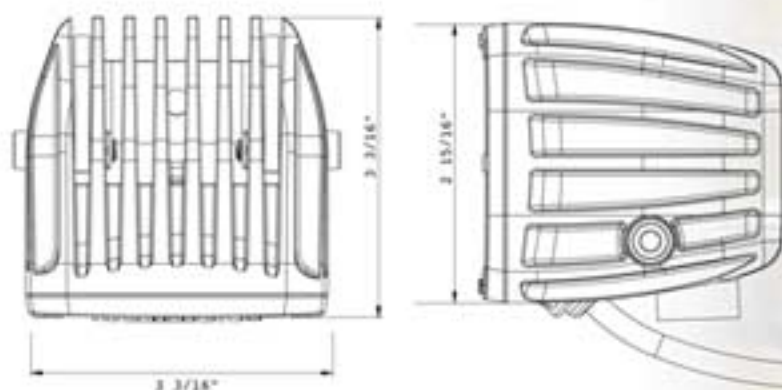
# AMBER SERIES

Alt ID	Description
10412	4" Amber Series - Flood
10422	4" Amber Series - Spot
10612	6" Amber Series - Flood
10622	6" Amber Series - Spot
11012	10" Amber Series - Flood
11022	10" Amber Series - Spot
12032	20" Amber Series - Spot/Flood Combo
13032	30" Amber Series - Spot/Flood Combo
14032	40" Amber Series - Spot/Flood Combo
15032	50" Amber Series - Spot/Flood Combo
20112	Dually - Amber - Flood - Single
20122	Dually - Amber - Spot - Single
20212	Dually - Flood - Amber - Set of 2
20222	Dually - Flood - Amber - Spot - Set of 2

## Sizing Specification Chart



Model	A	B	C	D	E	F
RGDL04	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL06	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL10	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	12 <sup>7</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL20	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	22 <sup>7</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL30	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	32 <sup>7</sup> / <sub>8</sub>	31 <sup>3</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL40	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	42 <sup>7</sup> / <sub>8</sub>	41 <sup>3</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
RGDL50	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	52 <sup>7</sup> / <sub>8</sub>	51 <sup>3</sup> / <sub>8</sub>	50 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>



## Covers Available



See Page 56

MADE IN THE  
**USA**

# D-SERIES



## Dually

A original Dually is 4 LED light in a compact package that can be used for anything from a reverse light on a truck, a handlebar light on a motorcycle, to a flood light on a trailer. With 1300 lumens of light, this small light has more light output than a 50W MR16. At a mere 3x3" this light can fit anywhere. Pulling only 15W you won't find a more efficient, compact light source.



## Dually D<sup>2</sup>

The D2 is our latest powerful LED light with the most total lumen output available in a 3" X 3" housing. Versatile mounting options combined with superior patented optics make the D2 the solution to your high-performance lighting needs. Built-in features include: 28 Watt power draw - 2600 lumens - Thermally managed circuitry which prevents overheating, all backed by our limited lifetime warranty. The new D2 is the brightest compact auxiliary light available to date.



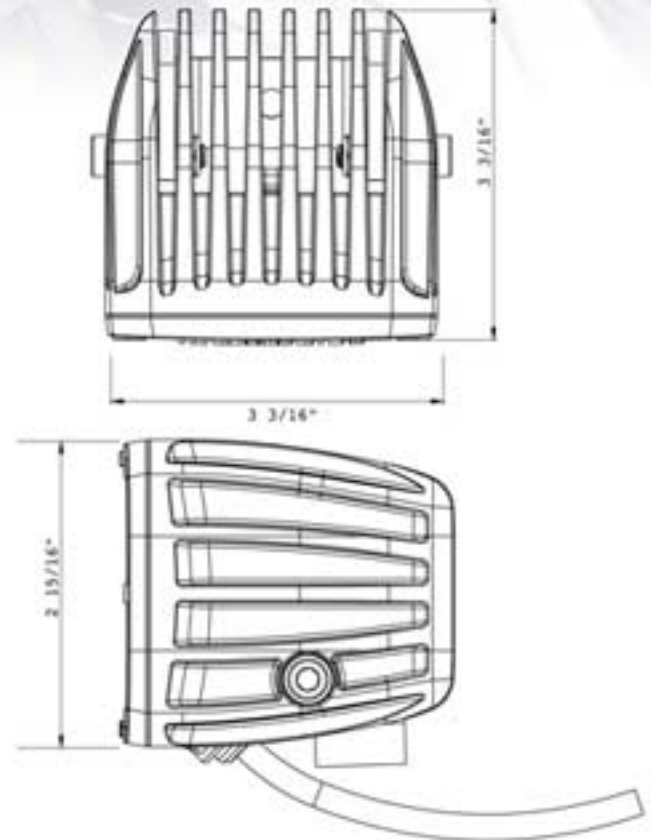
## Dually / Dually D<sup>2</sup> Diffused

Rigid Industries diffusion lens creates the ultimate small package area light. Using our "Hybrid" flood optic and the diffusion lens we create a 60 degree spread going out 70m. The Driving D<sup>2</sup> LED light can use diffusion lens to create the same 60 degree spread going out to 115m. This is a great option for all types of area lighting where extreme distance is not needed.

# D-SERIES

Alt ID	Description
20111	White - Flood - Single
20121	White - Spot - Single
20211	White - Flood - Set of 2
20221	White - Spot - Set of 2
20112	Amber - Flood - Single
20122	Amber - Spot - Single
20212	Amber - Flood - Set of 2
20222	Amber - Spot - Set of 2
20151	White 60 degree Diffused-Single
20251	White 60 degree Diffused-Set of 2
50131	Driving Beam - White - Single
50231	Driving Beam - White - Set of 2
50111	Wide Beam - White - Single
50211	Wide Beam - White - Set of 2
50132	Driving Beam - Amber - Single
50232	Driving Beam - Amber - Set of 2
50112	Wide Beam - Amber - Single
50212	Wide Beam - Amber - Set of 2
50151	White-60 degree Diffusion-single
50251	White-60 degree Diffusion-Set of 2

## Size Specifications



## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
DUALLYFLDW	20111	1.25	15	1	4	1300	150	244.9	15000
DUALLYSPTW	20121	1.25	15	1	4	1300	395	397.5	39500
20151	20151	1.25	15	1	4	1300	12	69.3	1200
D2DW1	50131	1.25	28	1.9	6	2600	180	298.3	18000
D2WW1	50111	1.25	28	1.9	6	2600	150	244.9	15000
50151	50151	1.25	28	1.9	6	2600	32	113.1	3200

## D-Series Accessories

### Covers - Page 56



### Mounts - Page 52



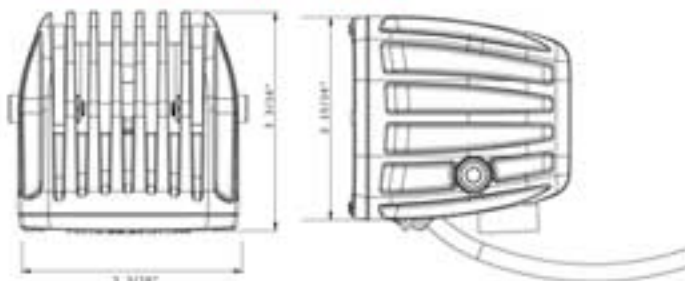
# DUALLY



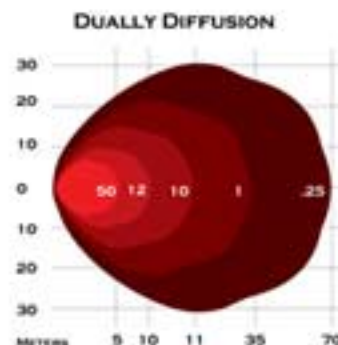
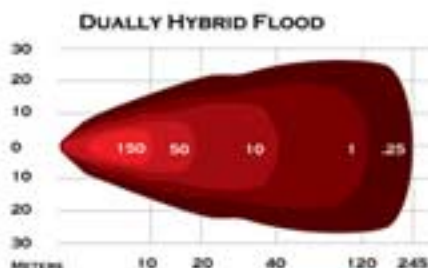
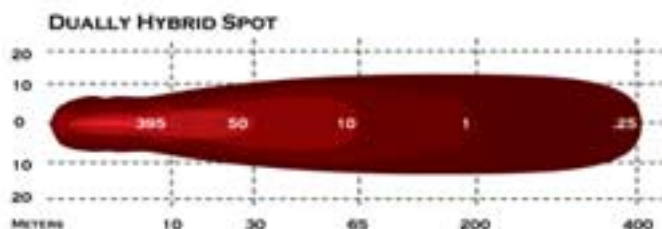
## Specifications

- 50,000+ hour life span
- 9-36V
- Reverse polarity protection
- Available in spot or flood
- IP68 certified
- Goretex breather
- Unbreakable polycarbonate lens
- A360 high purity aluminum cast housing
- Durable UV 3800 polyester powdercoat
- Sealed deutsch connector
- Over/Under voltage protection
- Operating temp -40~+145 deg F
- MIL810-STDG vibration certified
- ASTMB117 salt/fog certified
- ROHS compliant
- Electrically protected against RFI/EMC interference
- Updated hybrid patented optic system.
- Integrated thermal management system

## Size Specifications



## Lux Specifications



## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
DUALLYFLDW	20111	1.25	15	1	4	1300	150	244.9	15000
DUALLYSPW	20121	1.25	15	1	4	1300	395	397.5	39500
20151	20151	1.25	15	1	4	1300	12	69.3	1200

Available in Marine Series  
Page 48



Available with Diffused  
Lens



## Light Kit Includes

- Plug and play harness with switch
- Mounting brackets
- Mounting hardware

Alt ID	Description
20111	White - Flood - Single
20121	White - Spot - Single
20211	White - Flood - Set of 2
20221	White - Spot - Set of 2
20112	Amber - Flood - Single
20122	Amber - Spot - Single
20212	Amber - Flood - Set of 2
20222	Amber - Spot - Set of 2
20151	White 60 degree Diffused-Single
20251	White 60 degree Diffused-Set of 2

\* Based on LED manufacturer Specifications  
\*\* Tested using ANSI/NEMA FL Standards



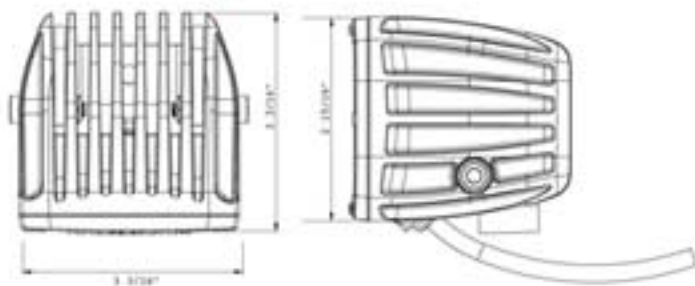
# DUALLY D<sup>2</sup>



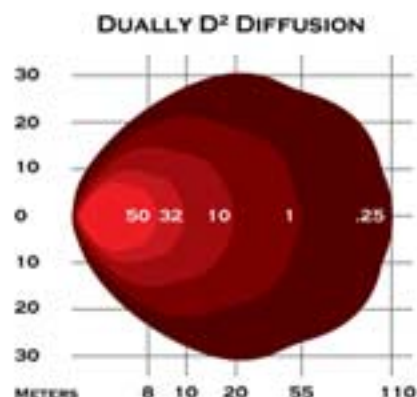
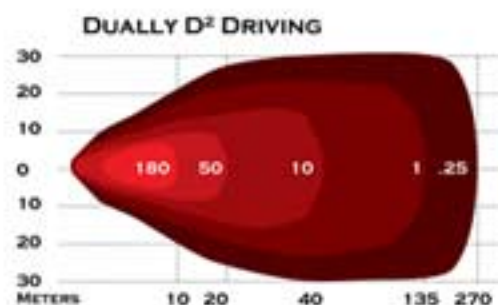
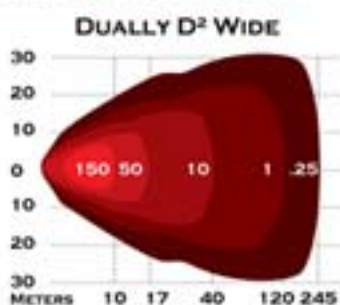
## Specifications

- 50,000+ hour lifespan
- 9-36V
- Reverse polarity protection
- Available in driving or wide beam optics
- IP68 certified
- Unbreakable polycarbonate lens
- A360 High purity aluminum cast housing
- Durable UV3800 polyester powdercoat
- Sealed deutsch connector
- Over/under voltage protection
- Goretex breather
- Operating temp -40~+145 deg F
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- ROHS compliant
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented specter optics (pat.#7,438,447)

## Size Specifications



## Lux Specifications



## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
D2DW1	50131	1.25	28	1.9	6	2600	180	298.3	18000
D2WW1	50111	1.25	28	1.9	6	2600	150	244.9	15000
50151	50151	1.25	28	1.9	6	2600	32	113.1	3200

Alt ID	Description
50131	Driving Beam - White - Single
50231	Driving Beam - White - Set of 2
50111	Wide Beam - White - Single
50211	Wide Beam - White - Set of 2
50132	Driving Beam - Amber - Single
50232	Driving Beam - Amber - Set of 2
50112	Wide Beam - Amber - Single
50212	Wide Beam - Amber - Set of 2
50151	White-60 degree Diffusion-single
50251	White-60 degree Diffusion-Set of 2

Available in Marine Series  
Page 49



Available with Diffused  
Lens



## Light Kit Includes

- Plug and play harness with switch
- Mounting brackets
- Mounting hardware



\* Based on LED manufacturer Specifications  
\*\* Tested using ANSI/NEMA FL Standards

# SR-SERIES



Once again Rigid Industries raises the standard with their latest offering, the "SR Series" Single Row Lightbars. Measuring only 1.5" tall, the SR is set to change the face of LED light systems. By using thermally managed latest LED technology, and an updated version of its Patented optics, Rigid continues to offer the brightest furthest projecting LED lightbars available. Producing over 3200+ lumens in the 10" version, while drawing only 35 watts, the SR continues the trend that Rigid Industries is known for, efficiency and superior illumination.

## Size Comparison

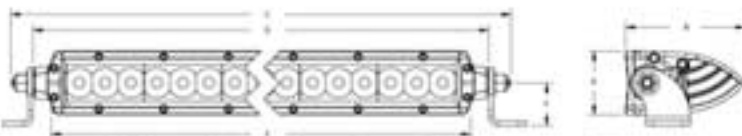
### 10" E - Series



### 10" SR - Series



## Size Specifications



Model	A	B	C	D	E	F
SR06	1 1/4	3	8 1/4	7 1/4	6 1/4	1 1/4
SR10	1 1/4	3	12 1/4	11 1/4	10 1/4	1 1/4
SR20	1 1/4	3	22 1/4	21 1/4	20 1/4	1 1/4
SR30	1 1/4	3	32 1/4	31 1/4	30 1/4	1 1/4
SR40	1 1/4	3	42 1/4	41 1/4	40 1/4	1 1/4
SR50	1 1/4	3	52 1/4	51 1/4	50 1/4	1 1/4

## Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)





Alt ID	Description
90661	6" SR-Series - Specter - Driving - White
90611	6" SR-Series - Hybrid - Flood - White
90621	6" SR-Series - Hybrid - Spot - White
90662	6" SR-Series - Specter - Driving Beam - Amber
90612	6" SR-Series - Hybrid - Flood - Amber
90622	6" SR-Series - Hybrid - Spot - Amber
91061	10" SR-Series - Specter - Driving - White
91011	10" SR-Series - Hybrid - Flood - White
91021	10" SR-Series - Hybrid - Spot - White
91031	10" SR-Series - Hybrid - Spot/Flood Combo - White
91062	10" SR-Series - Specter - Driving Beam - Amber
91012	10" SR-Series - Hybrid - Flood - Amber
91022	10" SR-Series - Hybrid - Spot - Amber
92031	20" SR-Series - Hybrid - Spot/Flood Combo - White
93031	30" SR-Series - Hybrid - Spot/Flood Combo - White
94031	40" SR-Series - Hybrid - Spot/Flood Combo - White
95031	50" SR-Series - Hybrid - Spot/Flood Combo - White

**Specifications - Hybrid Optics (Available in Flood (F) or Spot (S))**

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR06FW	90611	1.4	21	1.4	6	1920	129	308.5	23800
SR06SW	90621	1.4	21	1.4	6	1920	407	498	62000
SR10FW	91011	2.1	35	2.4	10	3200	193	389.9	38000
SR10SW	91021	2.1	35	2.4	10	3200	676	603.3	91000

**Specifications - Specter Optics (Available in Driving (D))**

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR06DW	90661	1.4	32	2.2	9	3060	207	286.4	20500
SR10DW	91061	2.1	53	3.7	15	5100	345	364.4	33200

**Specifications - Hybrid Optics (Available in Combination)**

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR06CW	90631	1.4	21	1.4	6	1920	340	369	34000
SR10CW	91031	2.1	35	2.4	10	3200	640	469	55000
SR20CW	92031	3.65	70	4.8	20	6400	1068	753.7	142000
SR30CW	93031	5.2	104	7.2	30	9600	1459	942.3	221975
SR40CW	94031	6.75	139	9.6	40	12800	1852	1087.7	295750
SR50CW	95031	8.3	173	12.1	50	16000	2243	1206.6	364000

## SR-Series Accessories

**Cradle Mounts - Page 52**



**Weld On Tabs - Page 53**



**Security Kits - Page 57**



\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards

# SR - SERIES: SR-M



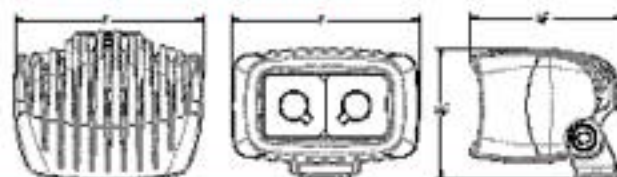
## Specifications

- AZ91E cast magnesium housing
- 9-36 VDC input
- Virtually unbreakable polycarbonate bracket
- Electrically protected against RFI/EMC emissions
- GORE Protective Vents
- Multi source light for no hotspots or "bouncing beams"
- Reverse voltage protected
- Over and under voltage protected
- Series 3800 polyester powdercoat finish
- Optically clear polycarbonate lens
- Certified IP68 housing
- No warm up, Instant on/off
- Operating temp: -40 ~ 145 deg f.
- Limited lifetime warranty
- Patented optics (Patent #'s 6,986,593 B2, 7,114,832 B2)

The new Rigid Industries Single Row Mini (SRM) will revolutionize LED lighting, this time in the smallest and lightest fixture we have ever produced. We have taken our Patented optical system and put it inside a 100% magnesium housing. Now you have the ultimate versatility, more lux with less weight. The light unit weighs in at an astonishing 6oz, with hardware! With our optics you still can project almost 1000' with a hybrid spot or produce an unbelievable 1500 raw lumens with the specter optic. As with all our products, you get US made quality with a limited lifetime warranty and our unrivaled customer service backing up your purchase!

AltID	Description
90211	SRM - Hybrid Flood - White LED
90221	SRM - Hybrid Spot - White LED
90251	SRM - Hybrid - Diffused
90261	SRM - Specter Driving Beam - White LED
90271	SRM - Specter - Diffused

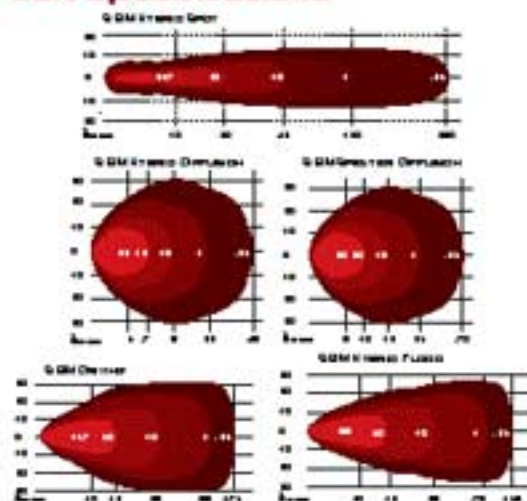
## Size Specifications



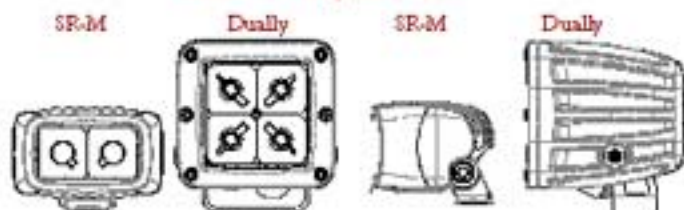
## Specifications

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)*
SRMFLDW	90211	1.25	15	1	3	845	98	159	9750
SRMSPTW	90221	1.25	15	1	2	845	257	260	25675
SRMDRW	90261	1.25	15	1	3	845	33	46	780

## Lux Specifications



## Size Comparison



## Light Kit Includes

- Plug and play wiring harness with switch
- Mounting brackets
- Mounting hardware

\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards



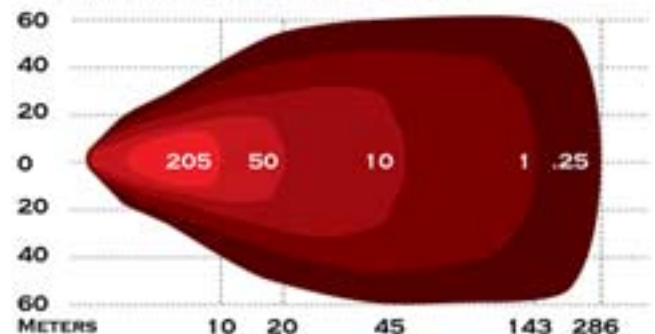
# SR - SERIES: 6" & 10" DRIVING BEAM



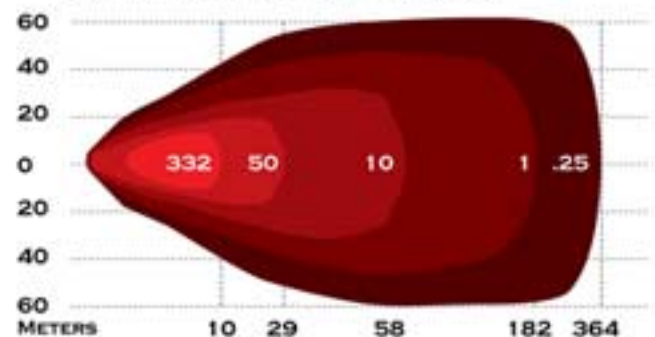
## Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)

### SR - SERIES - 6" DRIVING



### SR - SERIES - 10" DRIVING



### Specifications - Specter Optics (Available in Driving (D))

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR06DW	90661	1.4	32	2.2	9	3060	207	286.4	20500
SR10DW	91061	2.1	53	3.7	15	5100	345	364.4	33200

Alt ID	Description
90661	6" SR-Series - Specter - Driving - White
90662	6" SR-Series - Specter - Driving Beam - Amber
91061	10" SR-Series - Specter - Driving - White
91062	10" SR-Series - Specter - Driving Beam - Amber

### Light Kit Includes

- Plug and play wiring harness with switch
- 2 sets of mounting brackets
- Mounting hardware



\* Based on LED manufacturer Specifications  
\*\* Tested using ANSI/NEMA FL Standards

# SR - SERIES: 6"



Alt ID	Description
90611	6" SR-Series - Hybrid - Flood - White
90621	6" SR-Series - Hybrid - Spot - White
90612	6" SR-Series - Hybrid - Flood - Amber
90622	6" SR-Series - Hybrid - Spot - Amber

## Specifications - Hybrid Optics (Available in Flood (F) or Spot (S))

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR06FW	90611	1.4	21	1.4	6	1920	129	308.5	23800
SR06SW	90621	1.4	21	1.4	6	1920	407	498	62000

## Specifications - Hybrid Optics (Combination)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR06CW	90631	1.4	21	1.4	6	1920	340	369	34000

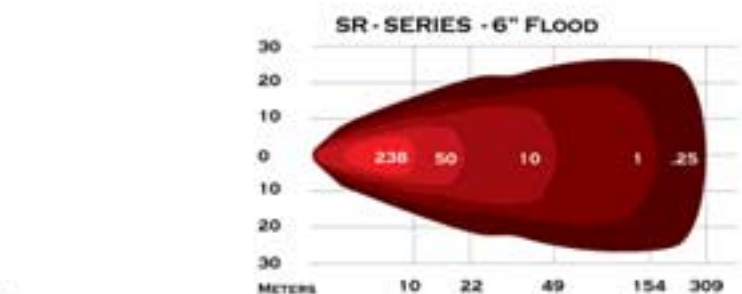
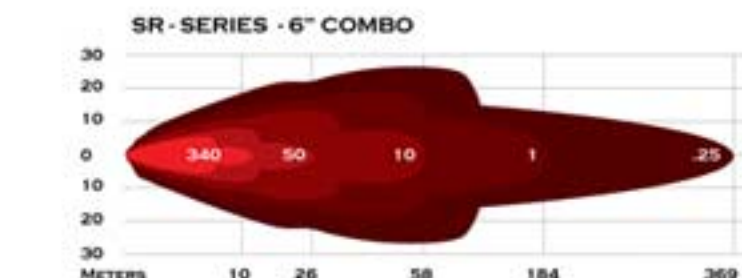
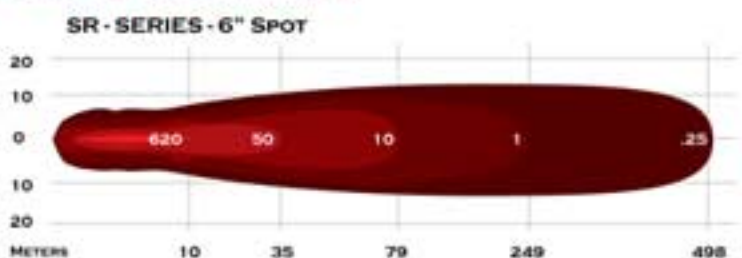
## Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTMB117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)

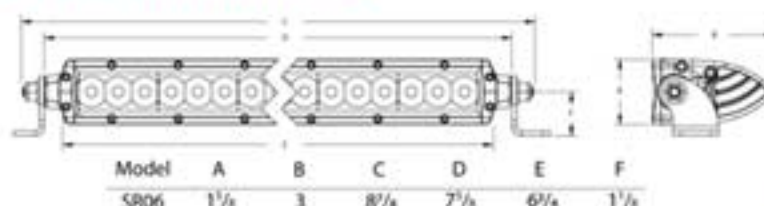
## Light Kit Includes

- Plug and play wiring harness with switch
- 2 sets of mounting brackets
- Mounting hardware

## Lux Specifications



## Size Specifications



\* Based on LED manufacturer Specifications

\*\* Tested using ANSI/NEMA FL Standards

MADE IN THE  
**USA**

# SR - SERIES: 10"



Alt ID	Description
91011	10" SR-Series - Hybrid - Flood - White
91021	10" SR-Series - Hybrid - Spot - White
91031	10" SR-Series - Hybrid - Spot/Flood Combo - White
91012	10" SR-Series - Hybrid - Flood - Amber
91022	10" SR-Series - Hybrid - Spot - Amber

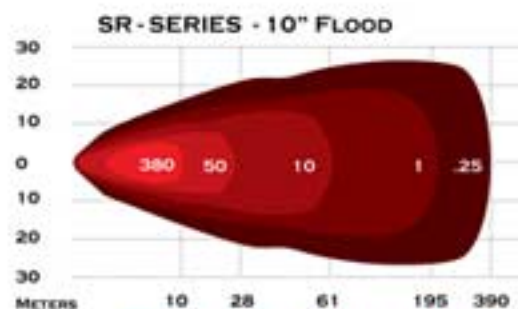
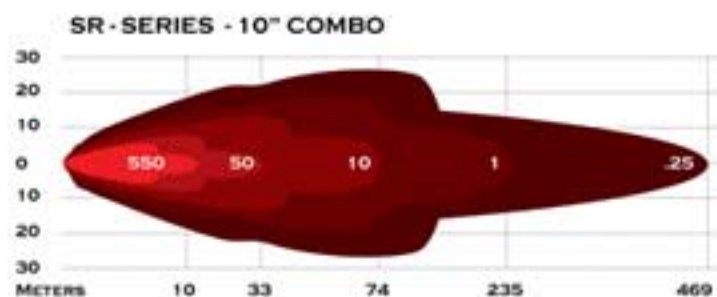
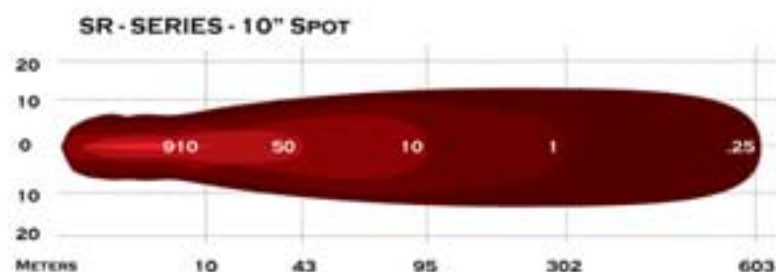
## Specifications - Hybrid Optics (Available in Flood (F) or Spot (S))

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR10FW	91011	2.1	35	2.4	10	3200	193	389.9	38000
SR10SW	91021	2.1	35	2.4	10	3200	676	603.3	91000

## Specifications - Hybrid Optics (Combination)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR10CW	91031	2.1	35	2.4	10	3200	640	469	55000

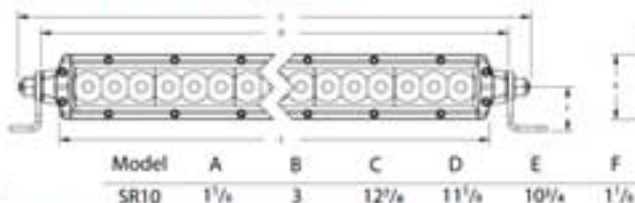
## Lux Specifications



## Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTMB117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)

## Size Specifications



## Light Kit Includes

- Plug and play wiring harness with switch
- 2 sets of mounting brackets
- Mounting hardware



\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards

# SR - SERIES: 20"



Alt ID	Description
92031	20" SR-Series - Hybrid - Spot/Flood Combo - White

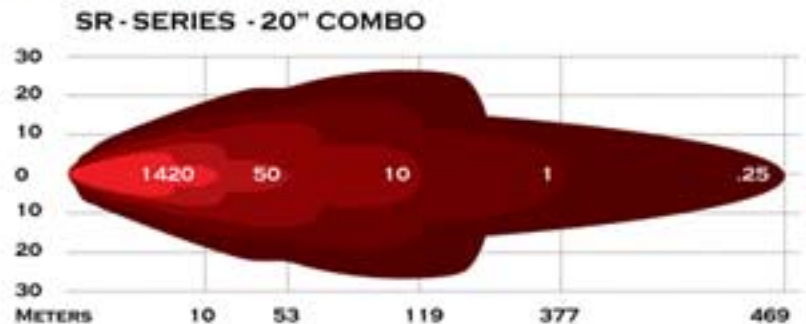
## Specifications - Hybrid Optics (Combination)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR20CW	92031	3.65	70	4.8	20	6400	1068	753.7	142000

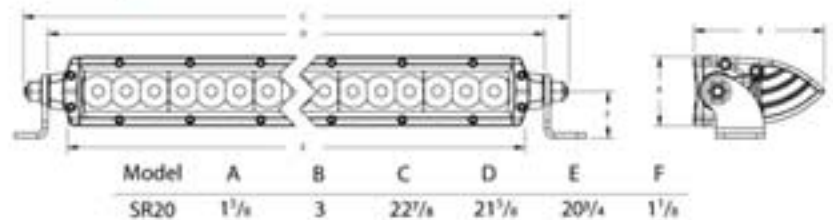
## Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)

## Lux Specifications



## Size Specifications



## Light Kit Includes

- Plug and play wiring harness with switch
- 2 sets of mounting brackets
- Mounting hardware

# SR - SERIES: 30"



Alt ID	Description
93031	30" SR-Series - Hybrid - Spot/Flood Combo - White

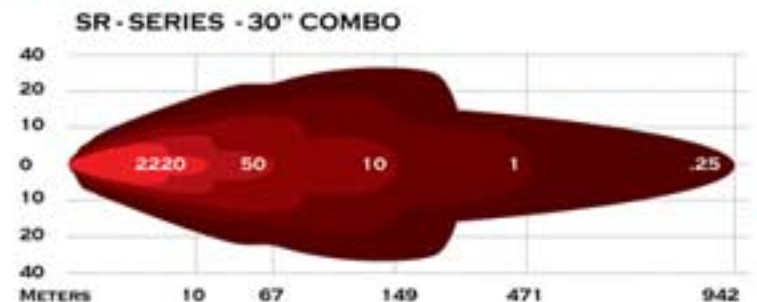
## Specifications - Hybrid Optics (Combination)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR30CW	93031	5.2	104	7.2	30	9600	1459	942.3	221975

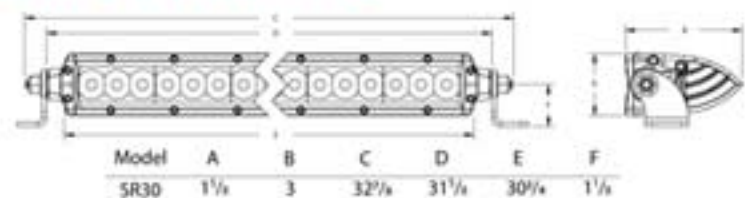
### Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTMB117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)

### Lux Specifications



### Size Specifications



### Light Kit Includes

- Plug and play wiring harness with switch
- 2 sets of mounting brackets
- Mounting hardware



\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards

# SR - SERIES: 40"



Alt ID	Description
94031	40" SR-Series - Hybrid - Spot/Flood Combo - White

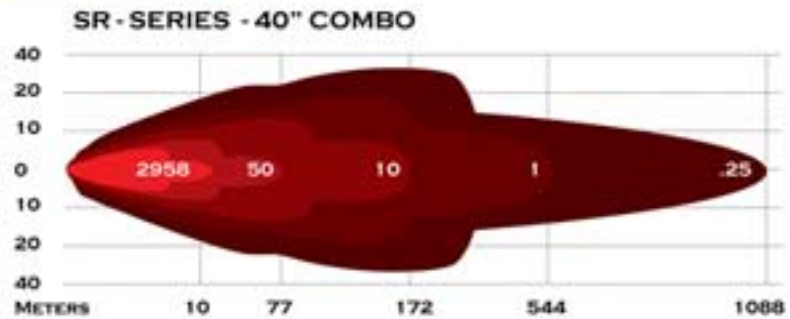
## Specifications - Hybrid Optics (Combination)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR40CW	94031	6.75	139	9.6	40	12800	1852	1087.7	295750

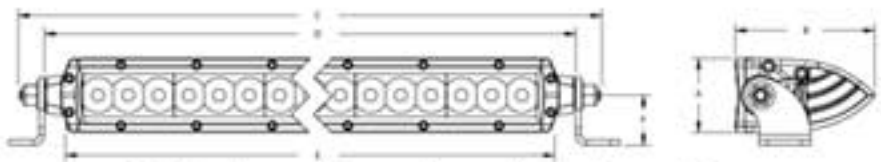
## Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTMB117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)

## Lux Specifications



## Size Specifications



Model	A	B	C	D	E	F
SR40	1 1/8	3	42 1/8	41 1/8	40 1/4	1 1/8

## Light Kit Includes

- Plug and play wiring harness with switch
- 2 sets of mounting brackets
- Mounting hardware



# SR - SERIES: 50"



Alt ID	Description
95031	50" SR-Series - Hybrid - Spot/Flood Combo - White

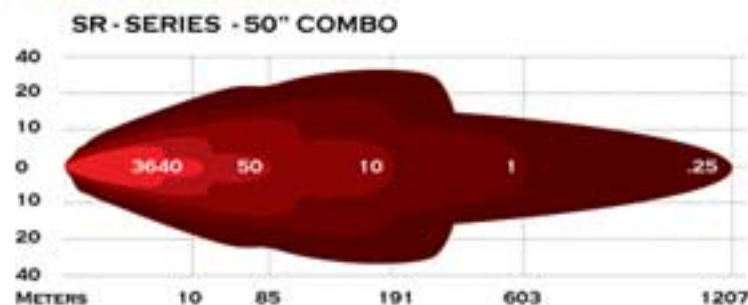
## Specifications - Hybrid Optics (Combination)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
SR50CW	95031	8.3	173	12.1	50	16000	2243	1206.6	364000

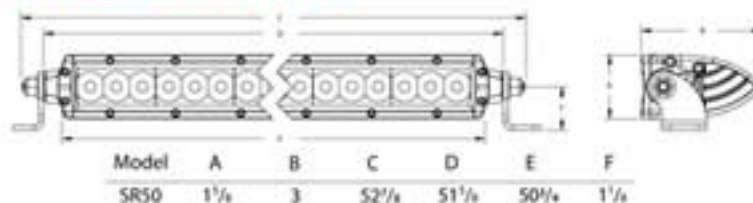
## Specifications

- 50,000+ Hour lifespan
- 9-36VDC input
- Shock proof
- Updated hybrid optic system-spot,flood,combo
- Specter optics-driving
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Goretex breather
- Unbreakable polycarbonate lens
- Instant on/off
- Waterproof housing
- 6063 Aluminum heatsink
- Anodized and 3800 UV polyester powdercoat
- Sealed deutsch connector
- Reverse polarity protection
- Over/under voltage protection
- Operating temp -40~+145 deg f
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- Patented optics (patent #'s 6,986,593 b2, 7,114,832 b2, 7,438,447)

## Lux Specifications



## Size Specifications



## Light Kit Includes

- Plug and play wiring harness with switch
- 2 sets of mounting brackets
- Mounting hardware



\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards

# M-SERIES



Rigid Industries patented specter and hybrid optics allow combinations of high performance flood and spot lighting for multiple marine lighting needs. Our LED Lights come in various size, shapes and LED configurations. The M-Series family provides superior light with ultra low power consumption. Rigid Industries lighting products excel in applications where durability, performance and quality are demanded. Whether you are lighting up your deck, the water or heading towards the dock, Rigid Industries M-series has a lighting solution to enhance your boating experience.

## Specifications

- 20 degree flood
- 10 degree spot
- Unbreakable polycarbonate lens
- 6063 aluminum extrusion
- 3 stage durable UV 3800 powdercoat
- 9-36VDC input
- 50,000+ hour lifespan
- Zero UV emissions
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- ROHS compliant
- Over/under voltage protection
- Goretex breather
- Operating Temp -40~+145 deg F
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated patented hybrid optic system.
- Patent #'s (6,986,593 b2, 7,114,832 b2)

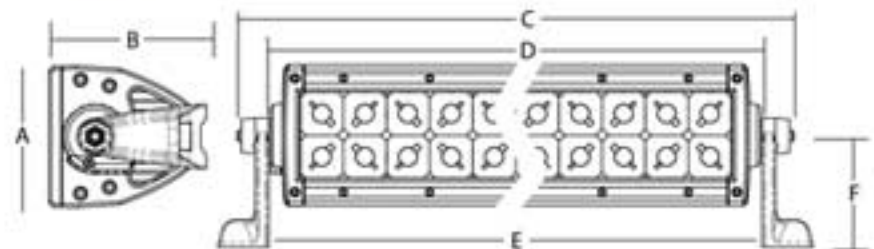
Alt ID	Description
80411	M-Series - 4" - Flood
80421	M-Series - 4" - Spot
80611	M-Series - 6" - Flood
80621	M-Series - 6" - Spot
80631	M-Series - 6" - Spot/Flood Combo
81011	M-Series - 10" - Flood
81021	M-Series - 10" - Spot
81031	M-Series - 10" - Spot/Flood Combo
82031	M-Series - 20" - Spot/Flood Combo
83031	M-Series - 30" - Spot/Flood Combo
84031	M-Series - 40" - Spot/Flood Combo
70131	M-Series - Dually D2 LED (Single) - Flood
70231	M-Series - Dually D2 LED (Pair) - Flood
70111	M-Series - Dually D2 LED (Single) - Spot
70211	M-Series - Dually D2 LED (Pair) - Spot
60111	M-Series - Dually LED (Single) - Flood
60211	M-Series - Dually LED (Pair) - Flood
60121	M-Series - Dually LED (Single) - Spot
60221	M-Series - Dually LED (Pair) - Spot

Specifications (E= 20° Flood, P = 10° Spot, PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
ML04E	80411	1.9	17	1.18	8	1580	210	298.8	21000
ML04P	80421	1.9	17	1.18	8	1580	440	419.5	44000
ML06E	80611	2.35	25.5	1.77	12	2370	270	328.6	27000
ML06P	80621	2.35	25.5	1.77	12	2370	812	599.9	81200
ML06PE	80631	2.35	25.5	1.77	12	2370	525	458.3	52500
ML10E	81011	3.45	42.5	2.95	20	3950	450	424.3	45000
ML10P	81021	3.45	42.5	2.95	20	3950	1410	751.0	141000
ML10PE	81031	3.45	42.5	2.95	20	3950	1015	637.2	101500
ML20PE	82031	6.15	85	5.9	40	7900	1960	885.4	196000
ML30PE	83031	8.85	127.5	8.85	60	11850	3415	1168.8	341500
ML40PE	84031	11.55	169.9	11.8	80	15800	4550	1349.1	455000
MD2D1	70131	1.25	28	1.9	6	2600	180	298.3	18000
MD2W1	70111	1.25	28	1.9	6	2600	150	244.9	15000
MD251	70151	1.25	28	1.9	6	2600	32	113.1	3200
MDLF1	60111	1.25	15	1	4	1300	150	244.9	15000
MDLS1	60121	1.25	15	1	4	1300	395	397.5	39500
MD151	60151	1.25	15	1	4	1300	12	69.3	1200



Sizing Specification Chart



Model	A	B	C	D	E	F
ML04	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
ML06	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
ML10	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	12 <sup>7</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
ML20	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	22 <sup>7</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
ML30	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	32 <sup>7</sup> / <sub>8</sub>	31 <sup>3</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
ML40	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	42 <sup>7</sup> / <sub>8</sub>	41 <sup>3</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>

E-Series Accessories

Covers - Page 56



Weld On Tabs - Page 53



Security Kits - Page 57



Cradle Mounts - Page 52



Clamp Mounts - Page 52



\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards

# M - SERIES: 6"



Alt ID	Description
80611	M-Series - 6" - Flood
80621	M-Series - 6" - Spot
80631	M-Series - 6" - Spot/Flood Combo

Specifications (E= 20° Flood, P = 10° Spot, PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
ML06E	80611	2.35	25.5	1.77	12	2370	270	328.6	27000
ML06P	80621	2.35	25.5	1.77	12	2370	812	599.9	81200
ML06PE	80631	2.35	25.5	1.77	12	2370	525	458.3	52500

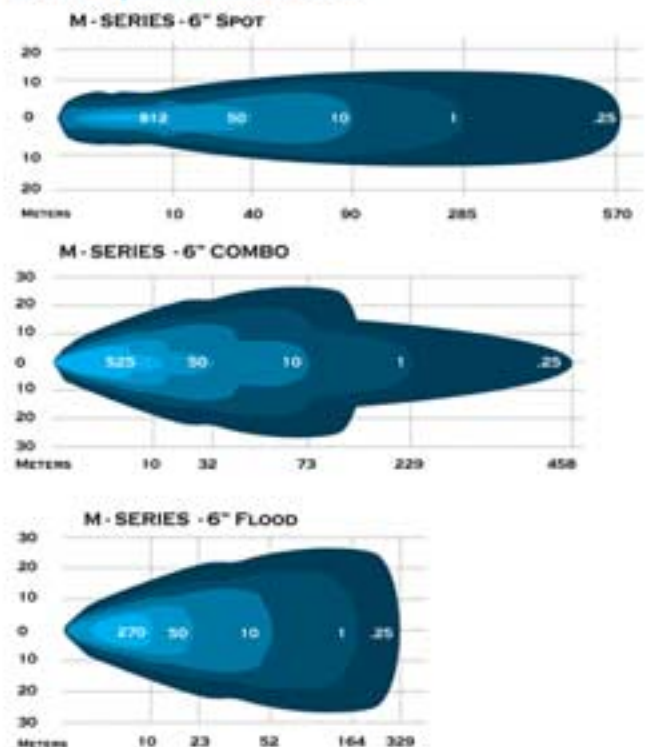
## Specifications

- 20 degree flood
- 10 degree spot
- Unbreakable polycarbonate lens
- 6063 aluminum extrusion
- 3 stage durable UV 3800 powdercoat
- 9-36VDC input
- 50,000+ hour lifespan
- Zero UV emissions
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- ROHS compliant
- Over/under voltage protection
- Goretex breather
- Operating Temp -40~+145 deg F
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated patented hybrid optic system.
- Patent #'s (6,986,593 b2, 7,114,832 b2)

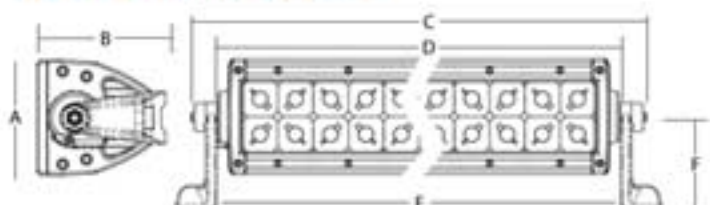
## Light Kit Includes

- Stainless steel powder coated cradle
- Stainless mounting hardware

## Lux Specifications



## Size Specifications



Model	A	B	C	D	E	F
ML06	3 3/4"	3 3/4"	8 1/4"	7 1/4"	6 1/4"	2 1/4"

# M - SERIES: 10"

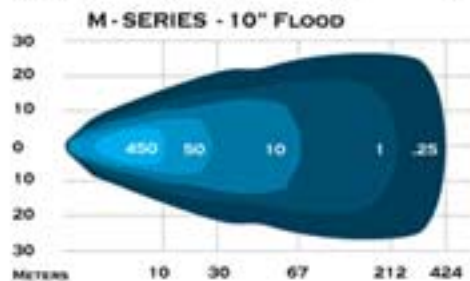
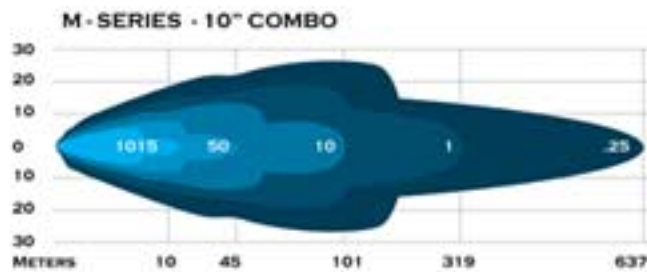
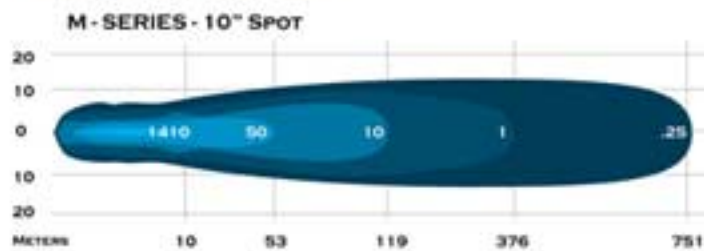


Alt ID	Description
81011	M-Series - 10" - Flood
81021	M-Series - 10" - Spot
81031	M-Series - 10" - Spot/Flood Combo

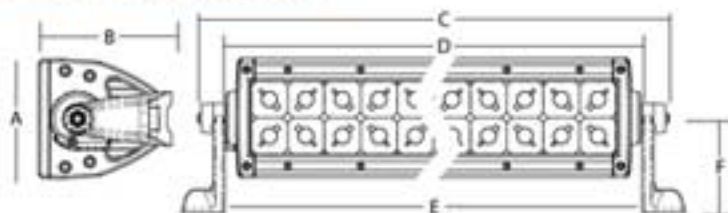
Specifications (E= 20° Flood, P = 10° Spot, PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
ML10E	81011	3.45	42.5	2.95	20	3950	450	424.3	45000
ML10P	81021	3.45	42.5	2.95	20	3950	1410	751.0	141000
ML10PE	81031	3.45	42.5	2.95	20	3950	1015	637.2	101500

## Lux Specifications



## Size Specifications



Model	A	B	C	D	E	F
ML10	3/4"	3/4"	12 7/8"	11 3/8"	10 1/4"	2 1/8"

## Specifications

- 20 degree flood
- 10 degree spot
- Unbreakable polycarbonate lens
- 6063 aluminum extrusion
- 3 stage durable UV 3800 powdercoat
- 9-36VDC input
- 50,000+ hour lifespan
- Zero UV emissions
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- ROHS compliant
- Over/under voltage protection
- Goretex breather
- Operating Temp -40~+145 deg F
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated patented hybrid optic system.
- Patent #'s (6,986,593 b2, 7,114,832 b2)

## Light Kit Includes

- Stainless steel powder coated cradle
- Stainless mounting hardware

# M - SERIES: 20"



Alt ID	Description
82031	M-Series - 20" - Spot/Flood Combo

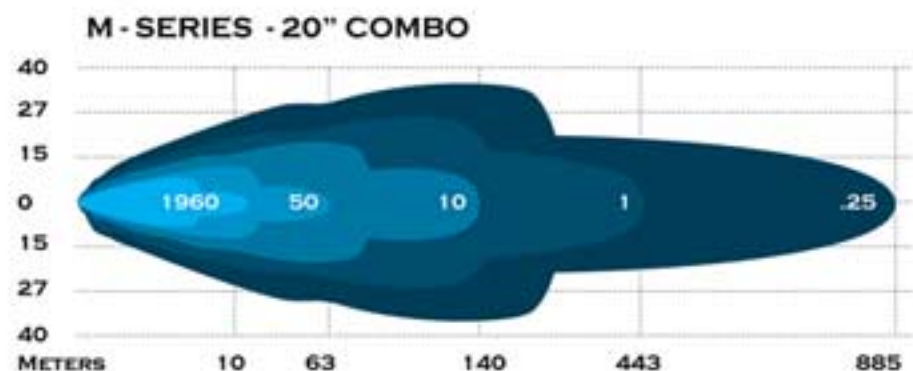
## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
ML20PE	82031	6.15	85	5.9	40	7900	1960	885.4	196000

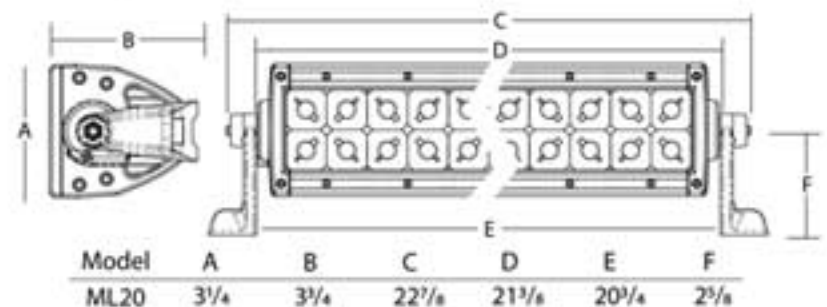
### Specifications

- 20 degree flood
- 10 degree spot
- Unbreakable polycarbonate lens
- 6063 aluminum extrusion
- 3 stage durable UV 3800 powdercoat
- 9-36VDC input
- 50,000+ hour lifespan
- Zero UV emissions
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- ROHS compliant
- Over/under voltage protection
- Goretex breather
- Operating Temp -40~+145 deg F
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated patented hybrid optic system.
- Patent #'s (6,986,593 b2, 7,114,832 b2)

### Lux Specifications



### Size Specifications



### Light Kit Includes

- Mounting brackets(2)
- Mounting hardware

# M - SERIES: 30"



Alt ID	Description
83031	M-Series - 30" - Spot/Flood Combo

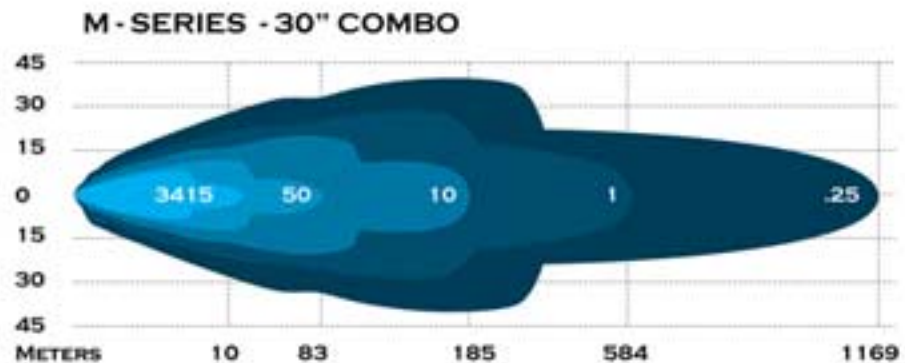
## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
ML30PE	83031	8.85	127.5	8.85	60	11850	3415	1168.8	341500

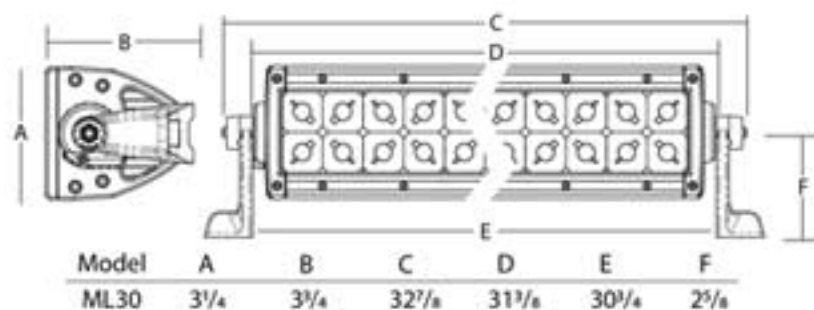
## Specifications

- 20 degree flood
- 10 degree spot
- Unbreakable polycarbonate lens
- 6063 aluminum extrusion
- 3 stage durable UV 3800 powdercoat
- 9-36VDC input
- 50,000+ hour lifespan
- Zero UV emissions
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- ROHS compliant
- Over/under voltage protection
- Goretex breather
- Operating Temp -40~+145 deg F
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated patented hybrid optic system.
- Patent #'s (6,986,593 b2, 7,114,832 b2)

## Lux Specifications



## Size Specifications



## Light Kit Includes

- Mounting brackets(2)
- Mounting hardware

# M - SERIES: 40"



Alt ID	Description
84031	M-Series - 40" - Spot/Flood Combo

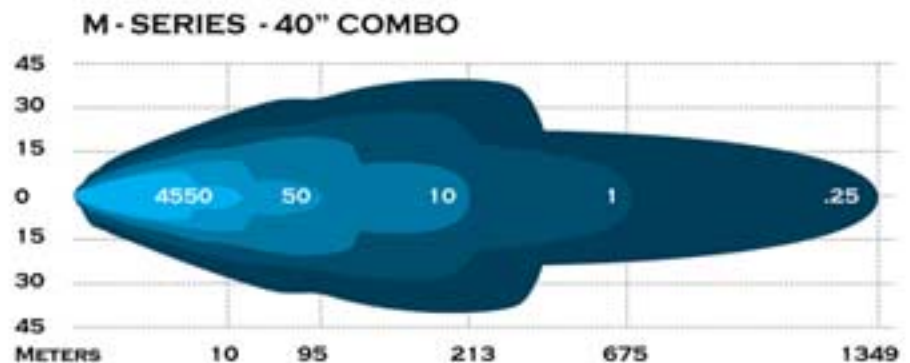
## Specifications (PE = Combo)

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
ML40PE	84031	11.55	169.9	11.8	80	15800	4550	1349.1	455000

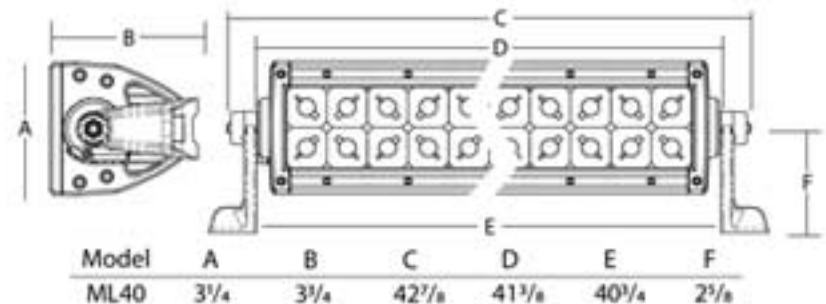
## Specifications

- 20 degree flood
- 10 degree spot
- Unbreakable polycarbonate lens
- 6063 aluminum extrusion
- 3 stage durable UV 3800 powdercoat
- 9-36VDC input
- 50,000+ hour lifespan
- Zero UV emissions
- IP68 certified
- MIL810-STDG vibration certified
- ASTM B117 salt/fog certified
- ROHS compliant
- Over/under voltage protection
- Goretex breather
- Operating Temp -40~+145 deg F
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated patented hybrid optic system.
- Patent #'s (6,986,593 b2, 7,114,832 b2)

## Lux Specifications



## Size Specifications



## Light Kit Includes

- Mounting brackets(2)
- Mounting hardware



\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards



# M - SERIES: DUALLY

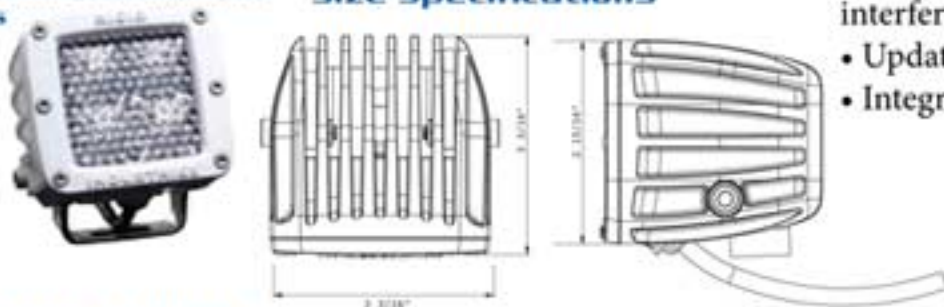


## Specifications

- 50,000+ hour life span
- 9-36V
- Reverse polarity protection
- Available in spot or flood
- IP68 certified
- Goretex breather
- Unbreakable polycarbonate lens
- A360 high purity aluminum cast housing
- 3 stage durable UV 3800 powdercoat
- Over/under voltage protection
- Operating temp -40~+145 deg f
- MIL810-STDG vibration certified
- ASTMB117 salt/fog certified
- ROHS compliant
- Electrically protected against RFI/EMC interference
- Updated hybrid patented optic system.
- Integrated thermal management system

Available with Diffused Lens

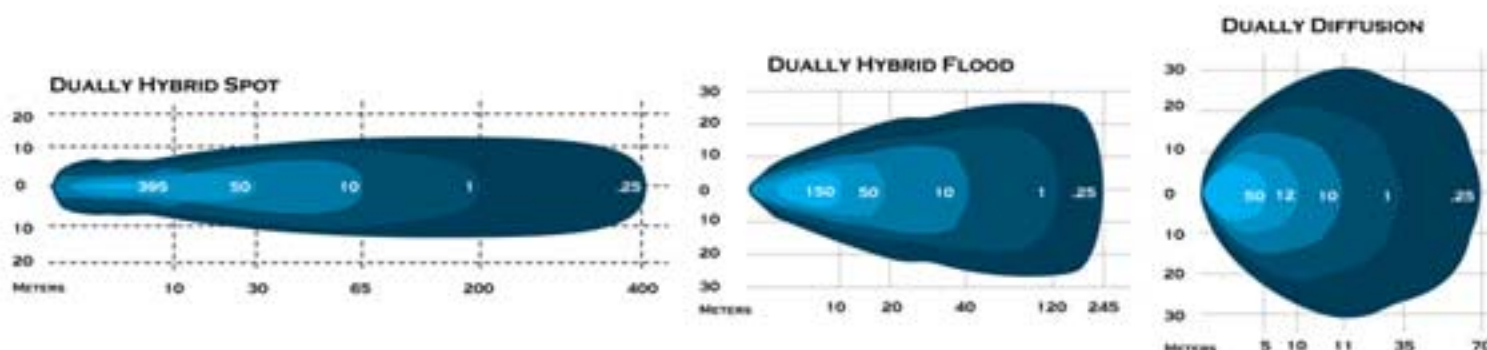
## Size Specifications



## Specifications

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
MDLF1	60111	1.25	15	1	4	1300	150	244.9	15000
MDLS1	60121	1.25	15	1	4	1300	395	397.5	39500
MD151	60151	1.25	15	1	4	1300	12	69.3	1200

## Lux Specifications



## Covers Available



Alt ID	Description
60111	M-Series - Dually LED (Single) - Flood
60211	M-Series - Dually LED (Pair) - Flood
60121	M-Series - Dually LED (Single) - Spot
60221	M-Series - Dually LED (Pair) - Spot
60151	M-Series - Dually LED (Single) - Diffused
60251	M-Series - Dually LED (Pair) - Diffused

## Light Kit Includes

- Stainless steel mounting brackets
- Mounting hardware.

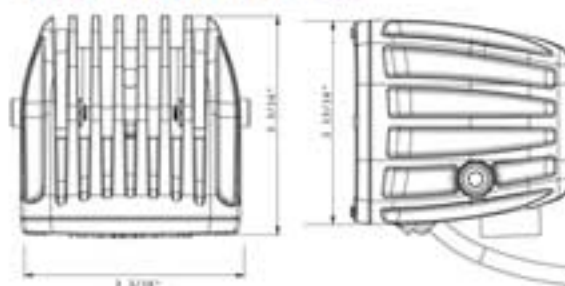
# M - SERIES: D2

## Specifications

- 50,000+ hour lifespan
- 9-36V
- Reverse polarity protection
- Available in driving or wide beam optics
- IP68 certified
- Unbreakable polycarbonate lens
- A360 high purity aluminum cast housing
- 3 stage durable UV 3800 powdercoat
- Over/under voltage protection
- Goretex breather
- Operating temp -40~+145 deg f
- MIL810-STDG vibrationcertified
- ASTMB117 salt/fog certified
- ROHS compliant
- Electrically protected against RFI/EMC interference
- Integrated thermal management system
- Updated hybrid patented optic system.
- Patented specter optics (pat.#7,438,447)



## Size Specifications



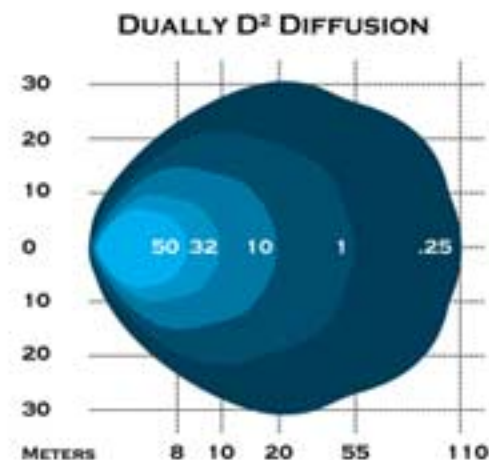
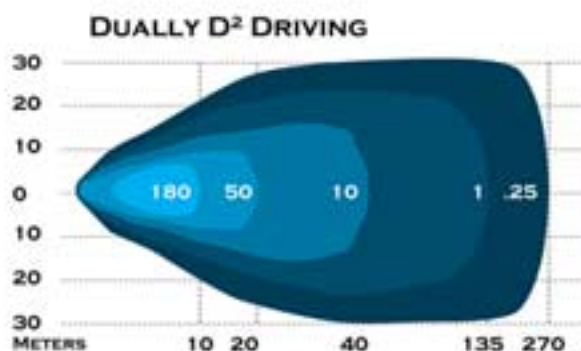
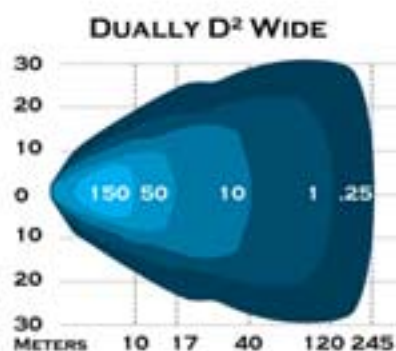
Available with Diffused Lens



## Specifications

Model	Alt ID	Weight (lbs)	Watts	AMP Draw	LED's	Raw Lumens*	Lux @ 10m	Beam Distance (m)**	Peak Beam Intensity (cd)**
MD2D1	70131	1.25	28	1.9	6	2600	180	298.3	18000
MD2W1	70111	1.25	28	1.9	6	2600	150	244.9	15000
MD251	70151	1.25	28	1.9	6	2600	32	113.1	3200

## Lux Specifications



Alt ID	Description
70131	M-Series - Dually D2 LED (Single) - Flood
70231	M-Series - Dually D2 LED (Pair) - Flood
70111	M-Series - Dually D2 LED (Single) - Spot
70211	M-Series - Dually D2 LED (Pair) - Spot
70151	M-Series - Dually D2 LED (Single) - Diffused
70251	M-Series - Dually D2 LED (Pair) - Diffused

## Covers Available



## Light Kit Includes

- Stainless steel mounting brackets
- Mounting hardware.

**MADE IN THE USA**

\* Based on LED manufacturer Specifications  
 \*\* Tested using ANSI/NEMA FL Standards

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