



Australia

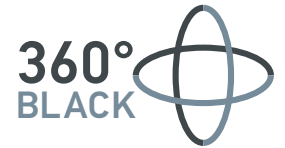


BLACK MAGIC TOUGH *CATALOGUE*



hella.com.au

HELLA BLACK MAGIC



High Level Light Output
Up to 20,000 effective lumens

Versatile mounting

- Upright/pendant
- Fully adjustable slide brackets also available

Integrated Thermal Management
Thermal Management = high output
Long Lasting LED performance

Black out appearance
Unique design creates black out appearance without effecting performance



Tough Construction

- Tough design and fully sealed, protects against sand, dust and water!
- Suits harsh Australian conditions
- Tested to the exacting Hella Germany Rallye standard

Impact Resistant PC Lens

- UV stabilised to protect against sun damage
- Tested against high vibration resistance

BLACK ON THE OUTSIDE.

BRIGHT ON THE INSIDE.

Let the adventure begin.

The HELLA Black Magic Series of Light Bars are available in 25 different variants for on or off-road use. The unmistakable black design down to the last screw combines good looks and excellent operation. It's quite simple: **everything is black** – from every angle and perspective. However, the design with subtle HELLA branding isn't the only unmistakable feature.

With up to 80 LEDs, an effective light output of up to 20,000 lumens **leaves absolutely nothing in the dark**. The light bars are available in a range of lengths as "Slim" and as "Double Row" and for the first time are now also available as curved variants. All models are equipped with a temperature control system: it adjusts the light bars temperature, protecting against overheating and regulating the light output in cold ambient temperatures.

Mounted upright or pendant, the mounting angles are freely adjustable and thus adaptable to any situation. **Bring on the dirt and grime**, the HELLA Black Magic Light Bars are up for anything and everything. They boast the highest dust and water resistance class, they are totally robust and have a particularly long lifetime – ideal for the unique Australian conditions, no matter on which track you happen to be driving.

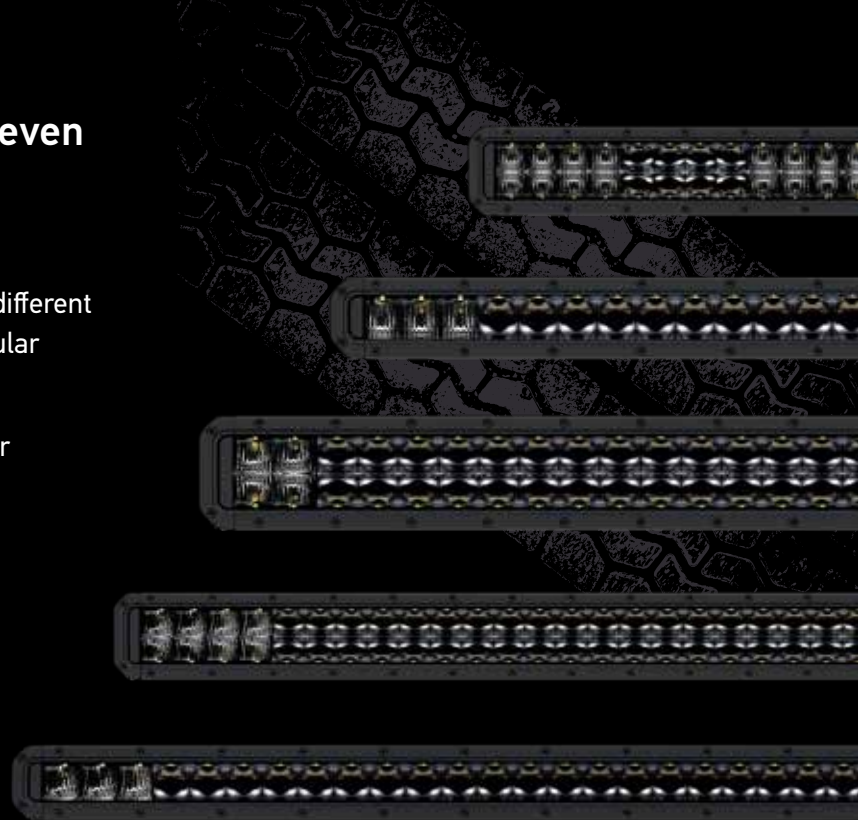
Absolute freedom that you can feel and see. On or Off the road!

Tough on every kind of road, and even when you're off the beaten track.

The 14 light bars for TOUGH are available in many different sizes from the MASSIVE 52 inch Double to the popular 20 inch slim.

So, you only have limited space left on your truck or off-roader? Not a problem! Just choose our 7-inch and 13-inch variants.

Whether you use just one or several, Tough is the right choice for every situation.



TOUGH.
TOUUUUUGH.
TOUUUUUUUUUUUUUGH.





PERFECT CURVES. RADIANT APPEARANCE.

Every vehicle starts to shine.

Brand new in the HELLA range: Our “curved” variants enable an even wider light diffusion. With their unique appearance, they give every vehicle the ultimate look – of extravagance and class at the same time.



APPLICATION GUIDE

RANGE	LIGHT OUTPUT	APPLICATION
Black Magic Single	<p>Spot beam (Semi-Focused)</p> <p>Middle to Long range light with no short range</p>	With the sleek look and mid range light output, this is a great option for better distance visibility in extra urban areas.
Black Magic Double	<p>Wide beam (Flood)</p> <p>Lots of light intensity in the Short to Mid range</p>	With the sleek look and mid range light output, this is a great option for better overall visibility in extra urban mountain or coastal areas.
Black Magic Tough Range Single	<p>Pencil beam (Fully Focused)</p> <p>All light focused to give maximum distance with no short range</p>	Great for rural areas where distance and toughness count the most and slim and compact design and aesthetic.
Black Magic Tough Range Double Straight	<p>Combination beam (Pencil + Flood Driving)</p> <p>With lumens to spare, this range give a similar distance to the Tough Single, plus plenty of light spread for short to medium range flood.</p>	When light output really matters, this Tough combination of distance and Flood gives you the most confidence on or off road. (4x4 touring, Off-road, heavy commercial, long haul driving applications)
Black Magic Tough Range Double Curved	<p>Wide Combination beam (Spread + Flood Driving)</p> <p>Same as Tough Double Straight, but emphasis on giving light penetration at distance off to the sides. Foregoing some distance.</p>	Like the Tough Straight, this combination beam with wider output helps you see the next turn, or Australia's unique wildlife sooner and safer. Better follows the roof line of the windscreen giving a more even gap and unique aesthetic.

BLACK MAGIC TOUGH RANGE



TECHNICAL SPECS

Order no.	Sales Text	Shape	Lumen	Lumen eff.	Distance 1Lux	LED	Gross Weight g	Net Weight g	Voltage	Ampere (A)	Voltage	Ampere (A)	Max Watt + 10%	Wiring
1FJ 358 196-451	7" MINI LIGHTBAR	"Double Straight"	5,040	2,100	500m	12	2,100	1,700	12	1.97	24	1.04	28	2000mm, open end cable
1FJ 358 196-461	13" MINI LIGHTBAR	"Double Straight"	10,080	3,800	560m	24	2,650	2,150	12	4.01	24	2.05	55	2000mm, open end cable
1GJ 358 197-301	20" SLIM LIGHTBAR	"Slim Straight"	8820	6000	610m	21	3,000	2,450	12	5.68-7.73	24	2.77-3.59	107	2000mm, open end cable
1GJ 358 197-311	32" SLIM LIGHTBAR	"Slim Straight"	13860	9000	770m	33	3,900	3,300	12	8.28-12.7	24	4.22-5.78	184	2000mm, open end cable
1GJ 358 197-321	40" SLIM LIGHTBAR	"Slim Straight"	17640	12000	830m	42	4,750	4,000	12	10.73-16.51	24	5.13-7.32	239	2000mm, open end cable
1GJ 358 197-331	50" SLIM LIGHTBAR	"Slim Straight"	22680	15000	920m	54	6,600	5,800	12	13.63-18.46	24	6.61-9.59	277	2000mm, open end cable
1GJ 358 197-401	21.5" DOUBLE ROW LIGHTBAR	"Double Straight"	16800	11000	750m	40	3,800	3,200	12	8.14-14.85	24	4.2-7.4	215	2000mm, open end cable
1GJ 358 197-411	30" DOUBLE ROW LIGHTBAR	"Double Straight"	25200	13500	850m	60	5,250	4,500	12	11.87-19.19	24	6.45-10.73	310	2000mm, open end cable
1GJ 358 197-421	40" DOUBLE ROW LIGHTBAR	"Double Straight"	33600	16000	990m	80	6,300	5,500	12	14.83-26.43	24	7.94-15.23	439	2000mm, open end cable
1GJ 358 197-441	52" DOUBLE ROW LIGHTBAR	"Double Straight"	42000	20000	1100m	100	7,670	6,700	12	18.25-27.17	24	9.59-18.48	546	2000mm, open end cable
1GJ 358 197-601	21.5" DOUBLE ROW CURVED LIGHTBAR	"Double Curved"	16800	11000	550m	40	3,800	3,200	12	7.34-14.66	24	4-7.37	212	2000mm, open end cable
1GJ 358 197-611	30" DOUBLE ROW CURVED LIGHTBAR	"Double Curved"	25200	13500	540m	60	5,250	4,500	12	11.54-19.27	24	5.89-10.72	310	2000mm, open end cable
1GJ 358 197-621	40" DOUBLE ROW CURVED LIGHTBAR	"Double Curved"	33600	16000	510m	80	6,350	5,500	12	15.28-25.34	24	8.13-14.76	426	2000mm, open end cable
1GJ 358 197-641	52" DOUBLE ROW CURVED LIGHTBAR	"Double Curved"	42000	20000	590m	100	7,700	6,700	12	18.83-26.67	24	9.86-17.07	500	2000mm, open end cable
8HG 358 176-371	Brackets Black Magic slim row. 2 pieces	Slim					154	150						
8HG 358 176-381	Brackets Black Magic double row, 2 pieces	Double					230	226						

BLACK MAGIC ORIGINAL RANGE

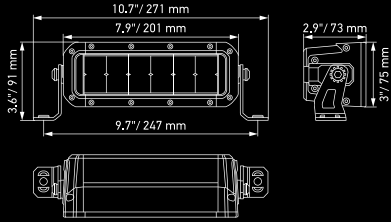


TECHNICAL SPECS

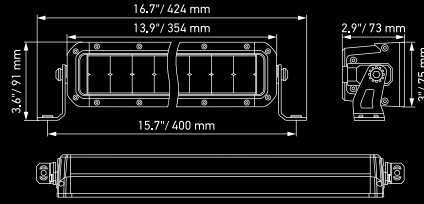
Order no.	Sales Text	Shape	Lumen	Lumen eff.	Distance 1Lux	LED	Gross Weight g	Net Weight g	Voltage	Ampere (A)	Voltage	Ampere (A)	Max Watt + 10%	Wiring
1FA 358 176-811	LED Cube KIT 3.2" (Flood) KIT	Cube		3,000	80m	4	1774	1554	12	3.4	24	1.6	40	Set includes 500mm wire harness with DT connector, switch and relays.
1FA 358 176-821	LED Cube KIT 3.2" (Spot) KIT	Cube		3,000	330m	4	1774	1554	12	3.4	24	1.6	40	Set includes 500mm wire harness with DT connector, switch and relays.
1FA 358 176-831	LED Cube KIT 3.2" (Flood, Flush) KIT	Cube		3,000	80m	4	1810	1550	12	3.4	24	1.6	40	Set includes 500mm wire harness with DT connector, switch and relays.
1FJ 358 176-301	20" Slim Lightbar	Slim	8820	6,000	560m	21	1600	1400	12	5.7 - 8.0	24	2.8 - 3.9	105	2000mm, open end cable
1FJ 358 176-311	32" Slim Lightbar	Slim	13860	9,000	580m	33	2632	1780	12	8.9 - 12.5	24	4.2 - 6.1	165	2000mm, open end cable
1FJ 358 176-321	40" Slim Lightbar	Slim	17640	12,000	600m	42	2700	2400	12	10.1 - 14.9	24	4.9 - 7.8	210	2000mm, open end cable
1FJ 358 176-331	50" Slim Lightbar	Slim	22680	15,000	560m	54	3350	3000	12	11.8 - 19.2	24	5.6 - 10.1	270	2000mm, open end cable
1FJ 358 176-401	21.5" Double Lightbar	Double	16800	11,000	430m	40	2740	2420	12	6.7 - 14.6	24	3.5 - 7.2	200	2000mm, open end cable
1FB 358 176-201	LED Mini Lightbar 6.2" Flood	Mini		1,600	80m	6	520	470	12	2.6	24	1.3	30	800mm, open end cable
1FB 358 176-211	LED Mini Lightbar 6.2" Spot	Mini		1,600	410m	6	520	470	12	2.6	24	1.3	30	800mm, open end cable
1FB 358 176-221	LED Mini Lightbar 6.2" Flood Flush	Mini		1,600	80m	6	602	505	12	2.6	24	1.3	30	800mm, open end cable
8HG 358 176-341	Brackets Black Magic slim row. 2 pieces	Slim					149	137						

IN TOP SHAPE. 14 TIMES DIFFERENT

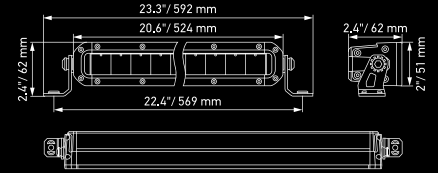
Black Magic 7" Double Row Mini Lightbar



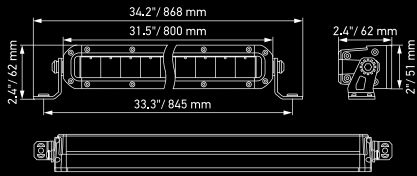
Black Magic 13" Double Row Mini Lightbar



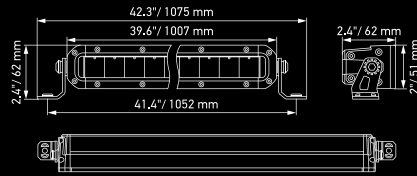
Black Magic 20" Slim Light Bar



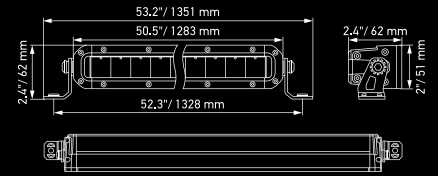
Black Magic 32" Slim Light Bar



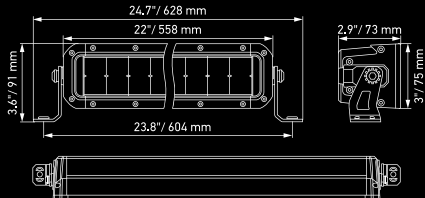
Black Magic 40" Slim Light Bar



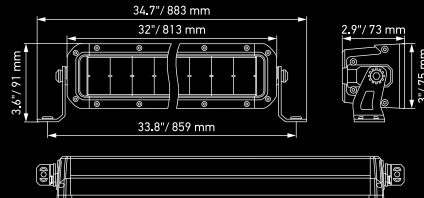
Black Magic 50" Slim Light Bar



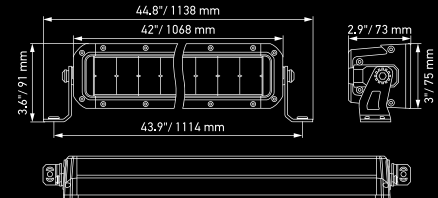
Black Magic 21.5" Double Row Light Bar



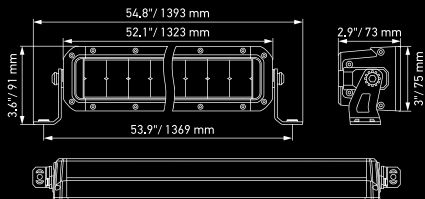
Black Magic 30" Double Row Light Bar



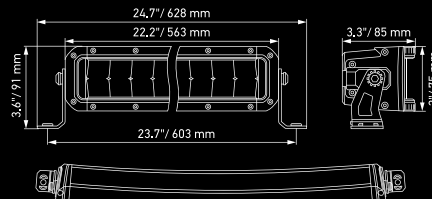
Black Magic 40" Double Row Light Bar



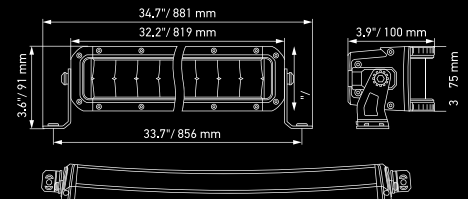
Black Magic 52" Double Row Light Bar



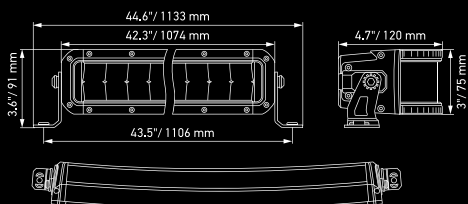
Black Magic 21.5" Double Row Curved Light Bar



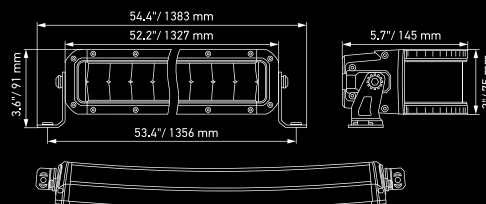
Black Magic 30" Double Row Curved Light Bar



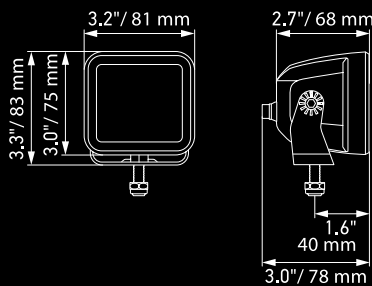
Black Magic 40" Double Row Curved Light Bar



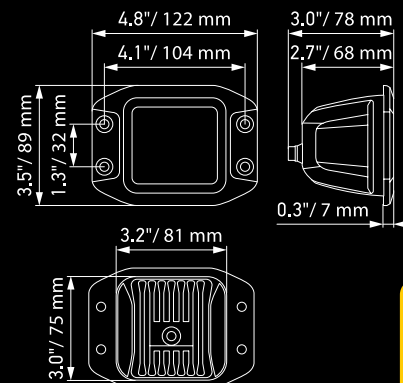
Black Magic 52" Double Row Curved Light Bar



LED cube 3.2" (surface mounting version)



LED cube 3.2" (flush mounting version)



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