



BRIEF INFORMATION

Black Magic Lightbars

- Full blackout appearance including black brackets
- Sleek design
- Temperature Control System
- Intense Light output

PRODUCT FEATURES

Edgeless design avoids sticking of dust and rain

Full blackout appearance

Slim design applicable for multiple locations

Sleek design

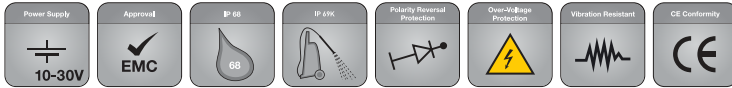


The HELLA Black Magic Lightbars offer driving beams with very powerful lightoutput up to 15,000 lumen, ideal for off-road situations where you need this the most. They have a recognizable and attractive full blackout appearance, slim and edgeless design. Typical applications would be installations as Hood, Bumper, Ground Bumper and Roof Lightbars.

The product scored the highest dust / waterproof rating and the edgeless design prevents dust deposits from settling along edges.

The extra long 2 meter cable allows easy mounting on your vehicle. The Black Magic Lightbars have an integrated thermal sensor that adapts to the ambient temperature. This new feature not only prevents overheating or LED failure, but also increases light output when the ambient temperature is low. In this way the user is given the optimum light under all conditions.

TECHNICAL DETAILS

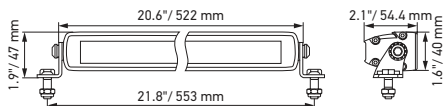


Technical data

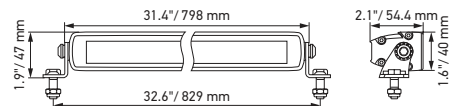
Version	LED Slim Lightbar				LED Double Lightbar
	20"	32"	40"	50"	21.5"
Rated voltage	Multi-voltage				
Operating voltage	10–30 V				
Current consumption	5.7–8 A (12 V) 2.8–3.9 A (24 V)	8.9–12.5 A (12 V) 4.2–6.1 A (24 V)	10.1–14.9 A (12 V) 4.9–7.8 A (24 V)	11.8–19.2 A (12 V) 5.6–10.1 A (24 V)	6.7–14.6 A (12 V) 3.5–7.2 A (24 V)
Power consumption	105 W	165 W	210 W	270 W	200 W
Light function	Spot (offroad only)				
Light source	LED				
Colour temperature	5,700 Kelvin				
Material	Aluminium, black stainless steel bracket				
Weight	1,400 g	1,780 g	2,400 g	3,000 g	2,420 g
Protection class	IP 68, IP 69K				
EMC protection	ECE-R10				
Mounting	Upright / pendant				
Connection	2,000 mm cable with open ends				
Amount of LEDs	21	33	42	54	40
Light performance (effective)	max. 6,000 lm	max. 9,000 lm	max. 12,000 lm	max. 15,000 lm	max. 11,000 lm
Application	For offroad vehicles such as 4x4's, SUV's, Pick-ups, Trucks, Buggy's, Quads				

Technical drawing

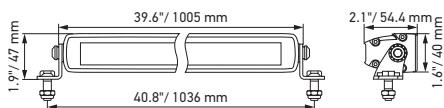
Black Magic Lightbar 20" (Slim)



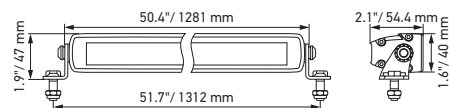
Black Magic Lightbar 32" (Slim)



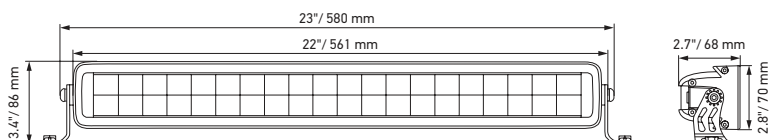
Black Magic Lightbar 40" (Slim)



Black Magic Lightbar 50" (Slim)



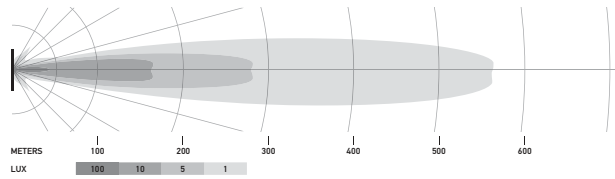
Black Magic Lightbar 21.5" (Double)



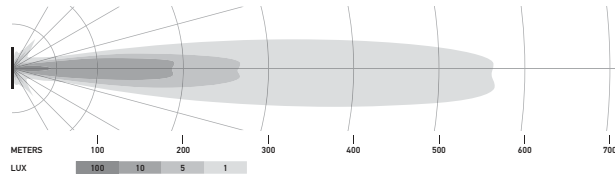
ILLUMINATION

The light distribution charts show the ranges of two lights.

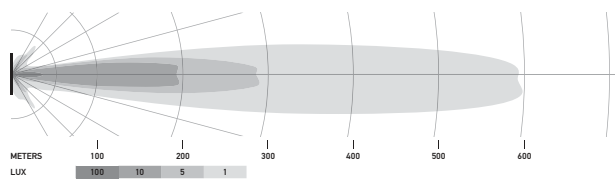
Black Magic Lightbar 20", Slim



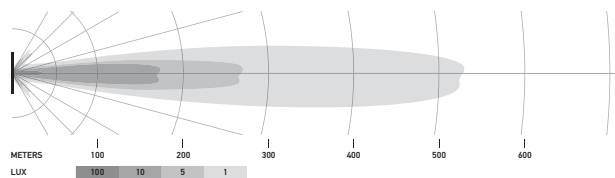
Black Magic Lightbar 32", Slim



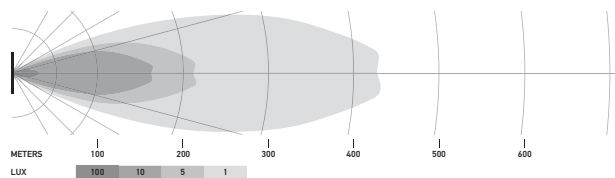
Black Magic Lightbar 40", Slim



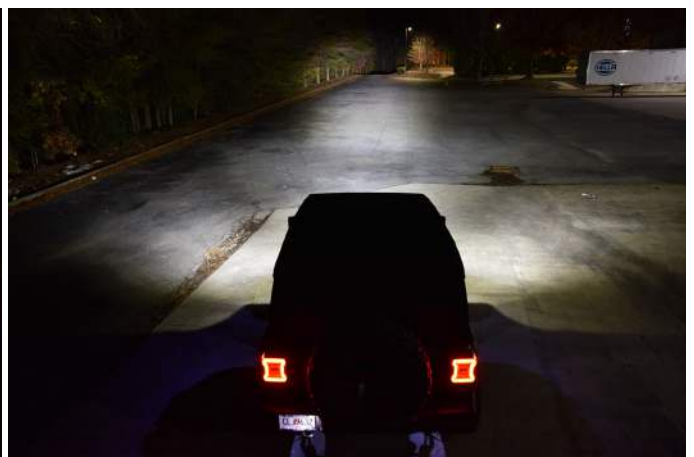
Black Magic Lightbar 50", Slim



Black Magic Lightbar 21.5", Double



APPLICATION EXAMPLES





Illumination shown in photo made by one: 1 x 40" Black Magic Slim Lightbar (Hood mount)

PROGRAM OVERVIEW

Scope of delivery	Description	Part number
	LED Slim Lightbar 20" Includes: (1) LED spotlight, (1) mounting hardware, (1) mounting instructions	1FJ 358 176-301
	LED Slim Lightbar 32" Includes: (1) LED spotlight, (1) mounting hardware, (1) mounting instructions	1FJ 358 176-311
	LED Slim Lightbar 40" Includes: (1) LED spotlight, (1) mounting hardware, (1) mounting instructions	1FJ 358 176-321
	LED Slim Lightbar 50" Includes: (1) LED spotlight, (1) mounting hardware, (1) mounting instructions	1FJ 358 176-331
	LED Double Lightbar 21.5" Includes: (1) LED spotlight, (1) mounting hardware, (1) mounting instructions	1FJ 358 176-401

ACCESSORIES

Scope of delivery	Description	Part number
 	Slim Lightbar Back Side Mounting Bracket + screws set (2 pcs), recommended to be used for extra support for 40" and 50" Lightbar	8HG 358 176-341