



# BRIEF INFORMATION

## Black Magic Lightbars

- Entirely dark appearance including black brackets
- Sleek design
- Temperature control system
- Powerful light output

## PRODUCT FEATURES

Edgeless design avoids sticking of dust and rain

Full blackout appearance

Suitable for mounting in different locations

Sleek design

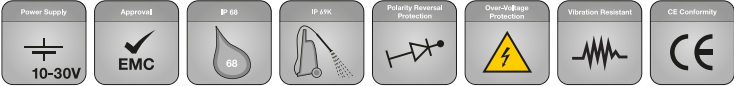


The HELLA Black Magic Lightbars offer driving beams with very powerful lightoutput up to 15,000 lumen, ideal for off-road situations where you need this the most. They have a recognizable and attractive full blackout appearance, slim and edgeless design. Typical applications would be installations as 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 two-metre cable makes it easy to attach it to your vehicle. The Black Magic Light Bars have an integrated thermal sensor that allows them to adjust 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.

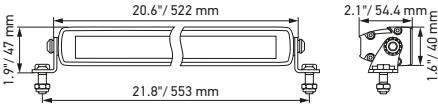
# TECHNICAL DETAILS



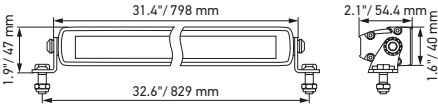
Technical data					
Version	LED Slim Lightbar				LED Double Lightbar
	20"	32"	40"	50"	21.5"
Rated voltage	Multi-voltage				
Operating voltage	10–30 V				
Current consumption	5.7–8 A (12 V) 2.8–3.9 A (24 V)	8.9–12.5 A (12 V) 4.2–6.1 A (24 V)	10.1–14.9 A (12 V) 4.9–7.8 A (24 V)	11.8–19.2 A (12 V) 5.6–10.1 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

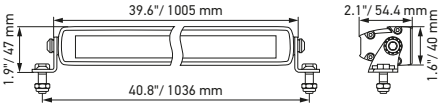
Black Magic Lightbar 20" (Slim)



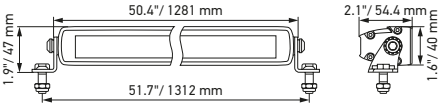
Black Magic Lightbar 32" (Slim)



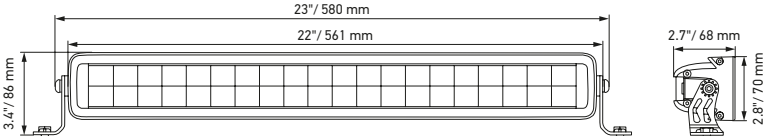
Black Magic Lightbar 40" (Slim)



Black Magic Lightbar 50" (Slim)



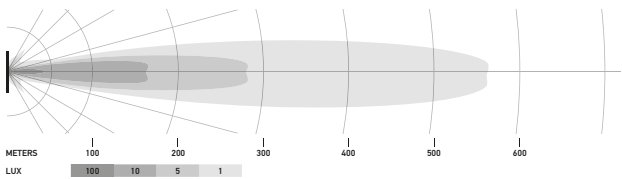
Black Magic Lightbar 21,5" (Double)



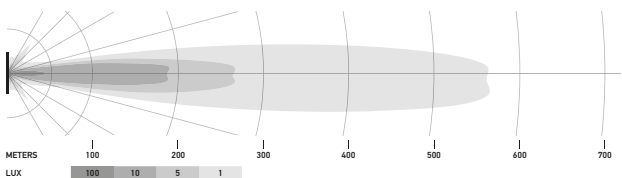
# ILLUMINATION

The light distribution diagrams show the reaches of two headlamps.

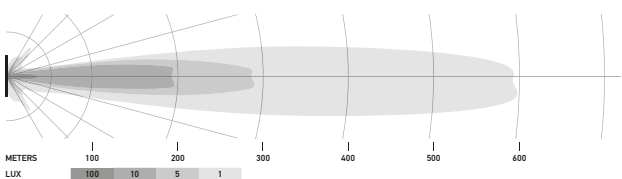
Black Magic Lightbar 20", Slim



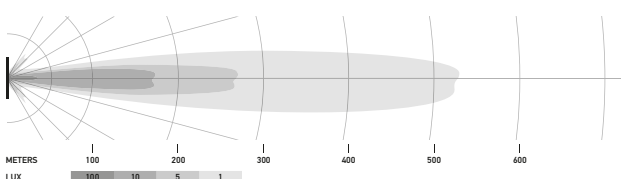
Black Magic Lightbar 32", Slim



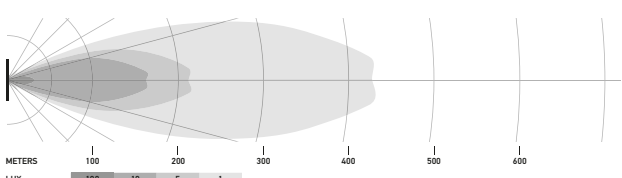
Black Magic Lightbar 40", Slim



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
	Cover cap 10" (1 piece)	8XS 358 176-351
	Cover cap 9,5" (1 piece)	8XS 358 176-361

## MOUNTING EXAMPLES COVER CAPS

For LED Slim Lightbar 20"  
(1FJ 358 176-301)

2 x cover cap 9,5" (8XS 358 176-361)



For LED Slim Lightbar 32"  
(1FJ 358 176-311)

3 x cover cap 10" (8XS 358 176-351)



For LED Slim Lightbar 40"  
(1FJ 358 176-321)

4 x cover cap 9,5" (8XS 358 176-361)



For LED Slim Lightbar 50"  
(1FJ 358 176-331)

2 x cover cap 9,5" (8XS 358 176-361)  
3 x cover cap 10" (8XS 358 176-351)

