



BRIGHTSTARTW

Safe and Performance

DARKBUSTER
E9

E BIKE / E MOTO LIGHT

APPROVED E-MARK HEADLIGHT

HIGH & LOW BEAM



DARKBUSTER

E9

Weight Only
150
g

UP TO 25km/h · UP TO 45km/h



L1e-A/B Class B

ECE R149

PASSING BEAM LOW BEAM

DRIVING BEAM HIGH BEAM



Ideal Waterproof Protection

IP68 / 1M Depth

Versatile & Robust
Lighting Solution under
Rigorous Conditions



BRIGHTSTARTW
www.brightstartw.com

ODM/OEM Service (Made By Taiwan)



E Bike

DARKBUSTER

E9 UP TO 25km/h · UP TO 45km/h



HIGH & LOW BEAM

E-MARK UNECE R149 Class B

Most Compact & Lightweight
Weight Only 150 g

IP68 Waterproof **1m Depth**



62 mm

58 mm



44 mm

18 mm



E-MARK Approved

High & Low Beam: ECE R149

Inside Chip

OSRAM Chip
Passing Beam (Low): 7W
Driving Beam (High): 9W

Color Temperature

6000K±500K

Luminous Flux
(Raw Lumens)

Passing Beam (Low): 800 LM (200lx)
Driving Beam (High): 1000 LM (250lx)

Input Voltage

6VDC / 12VDC / 6-120VDC (OPTIONAL)

Housing

Aluminum Alloy

Operating Temperature

-20°C~+60°C

Applications

L1e-A/B

QUALITY ASSURANCE Based on FMVSS / SAE Standards

S14.4.2.3 Heat Test / S14.5.1 Vibration Test / S14.6.6.3 Temperature Cycle Test
S14.6.9 Sealing Test / Salt Spraying Test(ASTM B117-73)

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