

< High Beam & Low Beam & Position Light >



ECE R149 / R148

High / Low Beam / Position Light

Class **C**

HIGH BEAM 18 W

LOW BEAM 12 W

POSITION LIGHT 1 W

LUMINOUS INTENSITY 27000cd High Beam

DIMENSION W 90 × H 58 × D 66.7 mm



ECE R113 / R87

High / Low Beam / Daytime Running Light

Class **C**

HIGH BEAM 18 W

LOW BEAM 12 W

Day Time Running 1 W

LUMINOUS INTENSITY 27000cd High Beam

DIMENSION W 90 × H 58 × D 66.7 mm



ECE R149

High / Low Beam / Position Light

Class **B**

HIGH BEAM 16 W

LOW BEAM 10 W

POSITION LIGHT 1 W

LUMINOUS INTENSITY 25000cd High Beam

DIMENSION W 58 × H 90 × D 66.7 mm



< High Beam & Low Beam >



ECE R149 / R148

High / Low Beam / Position Light

Class **B**

HIGH BEAM 10 W

LOW BEAM 8 W

POSITION LIGHT 1 W

LUMINOUS INTENSITY 23000cd High Beam

DIMENSION W & H 58 × D 62 mm



ECE R149

High / Low Beam

Class **B**

HIGH BEAM 10 W

LOW BEAM 8 W

LUMINOUS INTENSITY 23000cd High Beam

DIMENSION W & H 58 × D 62 mm



ECE R149

High / Low Beam

Class **B**

HIGH BEAM 8 W

LOW BEAM 5 W

LUMINOUS INTENSITY 20000cd High Beam

DIMENSION W 74.8 × H 24 × D 34 mm

E-MARK & DOT

Approved LED Lights

Multifunction Headlight

12V DC Only / 12-120V DC (OPTIONAL)

< Low Beam & Position Light >



ECE R113

Low Beam(ECE) Position Light

Class **C**

LOW BEAM 12 W

POSITION LIGHT 1 W

LUMINOUS INTENSITY 5000cd Low Beam

DIMENSION W 90 × H 58 × D 66.7 mm



ECE R113

Low Beam(ECE) Position Light

Class **C**

LOW BEAM 10 W

POSITION LIGHT 1 W

LUMINOUS INTENSITY 4700cd Low Beam

DIMENSION W & H 58 × D 71 mm



< Low Beam >



ECE R113

Low Beam(ECE) Daytime Running Light

Class **C**

LOW BEAM 10 W

Day Time Running 2 W

LUMINOUS INTENSITY 4700cd Low Beam

DIMENSION W & H 58 × D 71 mm



ECE R149

Low Beam

Class **B**

LOW BEAM 8 W

LUMINOUS INTENSITY 4500cd Low Beam

DIMENSION W 43 × H 56 × D 45.3mm

※ This specification data is based on actual test results; however, due to differences in testing methods and measurement equipment, reasonable variations in values may occur.



BRIGHTSTARTW
www.brightstartw.com

E-MARK

Approved LED Lights

Multifunction Tail Light & Turn Signal Light

12V DC / 6-120V DC (OPTIONAL)

T2

< Tail Light >



ECE R50

Position Light / Brake Light
License Plate Light

3in1

T2E

< Tail Light >



ECE R50

Position Light /
Brake Light

2in1

AT-F1
FLAT

< Front Turn Signal Light >



ECE R148

Position Light /
Turn Signal Light (ECE)

2in1

AT-F2
SOLID

< Front Turn Signal Light >



ECE R148

Position Light /
Turn Signal Light (ECE)

2in1

AT-R1

< Rear Turn Signal Light >



ECE R148

Position Light / Brake Light
/ Turn Signal Light

3in1

AT-R2

< Rear Turn Signal Light >



ECE R148

Position Light / Brake Light
/ Turn Signal Light

3in1

E-MARK

Super Mini Turn Signal Light

12V DC / 6-120V DC (OPTIONAL)

Legal on Road

< Rear Turn Signal Light >

AT-R2M



AT-R1M

ECE R148

Position Light / Brake light
Turn Signal Light

DIMENSION Solid : W 37 x H 22 x D 19.5 mm
Flat : W 30 x H 22 x D 19.5 mm



3in1

< Front Turn Signal Light >

AT-F1M



AT-F2M

ECE R148

Position Light /
Turn Signal Light

DIMENSION Solid : W 37 x H 22 x D 19.5 mm
Flat : W 30 x H 22 x D 19.5 mm



2in1

12V DC / 6-120V DC (OPTIONAL)

< Turn Signal Light >

A1



FLAT

ECE R148

Turn Signal Light

T2-P

< License Plate Light >



ECE R50

License Plate Light

Feature :



Rugged Performance

Passed Motor Vehicle
Grade Testing (FMVSS108)



Energy Efficient

Unique Optical Design



Global Credibility

EU TUV Certification



BRIGHTSTARTW
www.brightstartw.com