

2X M8-1.25x30MM BOLT
WITH WASHER AND NUT

NOTES:

1. EACH KIT INCLUDES 1 LEFT HAND AND 1 RIGHT HAND LIGHT, 2 CABLE HARNESSSES, AND 2 MOUNTING KITS
2. CABLE HARNESS NOT SHOWN FOR CLARITY:
5-CONDUCTOR CABLE W/ CONNECTORS
5-16 AWG WIRES
RED - HIGH BEAMS(+)
BLACK - NEGATIVE(-)
YELLOW - LOW BEAMS(+)
GREY - PARKING LIGHT(+)
GREEN - INDICATOR LIGHTS(+)
3. CABLE DIMENSION FROM CABLE EXIT TO WIRE HARNESS ENDS IS 138.00 ± 6.00 [3505 ± 152]
4. ROHS COMPLIANT
5. DIMENSIONS IN INCHES [MILLIMETERS (FOR REFERENCE)]

DISCLAIMER

DIMENSIONS, ILLUSTRATIONS, SPECIFICATIONS, AND CERTIFICATIONS CONTAINED IN THIS DOCUMENT ARE TYPICAL OF THE ACTUAL PRODUCT AND ARE SUBJECT TO CHANGE. ECCO ENGINEERING DOES NOT MAINTAIN FORMAL DESIGN CONTROL OF THIS PRODUCT.

REVISION HISTORY

| REV. | DESCRIPTION | DATE |
|------|----------------------------|------------|
| A | INITIAL RELEASE PER EL0161 | 2019-08-09 |
| B | REVISED PER EC6503 | 2021-09-17 |
| C | REVISED PER EC6503 | 2022-05-26 |

SPECIFICATIONS

1. CERTIFICATIONS: IP67, DOT
Note: Unique components, accessories, and hardware kits are not typically Included in the Product Certification Test Protocols. Unless otherwise Specified, the Product Certifications referred to herein are predicated upon the base product model configuration.
2. RAW LUMENS: 1769 lumens
3. EFFECTIVE LUMENS: 1614 lumens
4. ILLUMINANCE (@100 FT): 57.57 lux
5. PEAK BEAM INTENSITY: 53221 candela
6. VOLTAGE (NOMINAL): 12 to 24 VDC
7. VOLTAGE (EXTREME): 9.0-32 VDC
8. CURRENT (PEAK): 3.50A (@ 12 VDC NOMINAL)
9. POWER (MAXIMUM): 44.8W (@ 12 VDC NOMINAL)
10. TEMPERATURE RANGE: -40°F (-40°C) TO 149°F (+65°C)
11. CONNECTION: 5 CONDUCTOR CABLE W/ CONNECTORS
12. MOUNTING: 4 BOLT THROUGH HOLE
13. HOUSING MATERIAL: ALUMINUM
14. LENS MATERIAL: ULTRA CLEAR GLASS
15. PRODUCT WEIGHT: 4.2 LBS (1.89 Kg)

PROPRIETARY AND CONFIDENTIAL INFORMATION

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SCALE 1:5.5

APPROVALS

DATE

CAD GENERATED DRAWING
DO NOT MANUALLY UPDATE.
MODEL REFERENCED: A

DRAWN BY BTK

2022-05-20

CHECKED ABD

2022-05-23

TOLERANCES ARE IN INCHES AND MILLIMETERS
TOLERANCES UNLESS OTHERWISE STATED ARE:

MECH. ENG. FP

2022-05-20

MILLIMETERS DECIMALS

INCHES DECIMALS

ANGLES

XX ± 1.0mm

X.X ± 0.1

± 0.5°

XX.X ± 0.5mm

X.XX ± 0.04

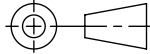
FRACTIONS

XX.XX ± 0.02

X.XXX ± 0.02

± 1/64

THIRD ANGLE PROJECTION



ELEC. ENG. SPO

2022-05-23

TEST ENG. JRT

2022-05-26

SALES.



ECCO® www.eccolink.com

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DOT LIGHT KIT, LED, HEATED LENS, 12-24V

CUSTOMER PART NO.

EW4009

SIZE: A

DWG. NO.

EW4009

REV.

Electronically Controlled Use Latest Copy

SHEET 1 OF 1

Project: EL0161

Date Created: 2019-06-24

C