



REFUSE SOLUTIONS

GETTING THE JOB DONE

SAFELY



At ECCO, we appreciate just how dangerous the refuse industry can be. And we're not just talking about the harmful materials being collected on a daily basis or the strain to the body caused by heavy lifting. We are talking about the safety hazards caused by vehicles on the road. One of the most dangerous and potentially life-threatening dangers a refuse collector encounters is the risk of being hit by motorists on the road. The constant need for drivers to swerve around large refuse trucks, sometimes while refuse collectors are hanging from the side, is one reason why waste management is one of the most dangerous jobs around.

As a refuse collector, being mindful of road hazards is only one part of the job – you must also remain cautious of safety hazards caused by your own vehicle while loading and unloading the truck. The heavy equipment used (e.g. front-end loaders and trash compactors) can have severe impacts to the operator's health and safety if not operated correctly. And with the amount of environmental distractions, it's no wonder waste collection was named one of the most unsafe jobs around.

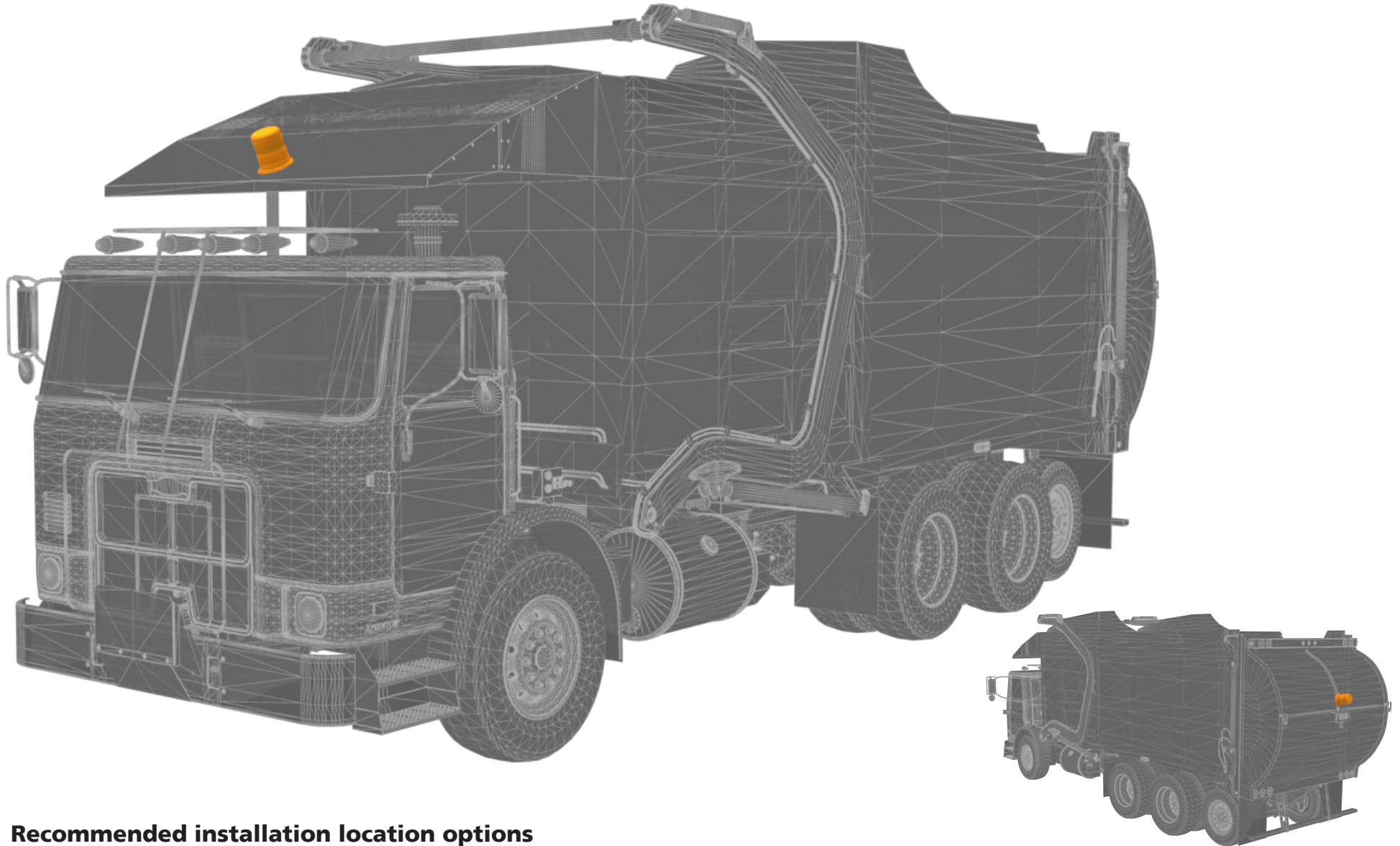
ECCO offers an extensive line of safety solutions that is ideally suited for all types of waste management vehicles. Our high-intensity LED warning lights notify other vehicles that the truck is in operation, even during early mornings during low-visibility situations. ECCO's reversing safety solutions include a variety of back-up alarms including multi-frequency alarms and Smart Alarms suitable for a multitude of different environments from residential to landfills. To aid with visual impairments caused by large equipment, ECCO offers a fully-integrated line of camera systems that will make operating heavy-duty vehicles safe and stress-free. We make it our job to offer warning equipment to help minimize the risk of personal injury as well as property damage.



Read on to learn more about specially-selected, heavy-duty products that are ideal for the rugged conditions of refuse collection.



BEACONS



Recommended installation location options

REFUSE SOLUTIONS



- # 7945A**
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE, R10
⌚ 2 Year



- # 7965A**
C Amber
V 12-24
A 3.6
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class I, CE, R10
⌚ 2 Year



- # 7975A**
T Severe Vibration
C Amber
V 12-24
A 3.6
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class I, CE, R10
⌚ 2 Year



- # EB7930A**
T Severe Vibration
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE, R10
⌚ 2 Year



- # 7950A**
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE, R10
⌚ 2 Year



- # 7970A**
C Amber
V 12-24
A 3.6
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class I, CE, R10
⌚ 2 Year



- # 7980A**
T Severe Vibration
C Amber
V 12-48
A 3.6
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class I, CE, R10
⌚ 2 Year



- # EB7935A**
T Severe Vibration
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE, R10
⌚ 2 Year

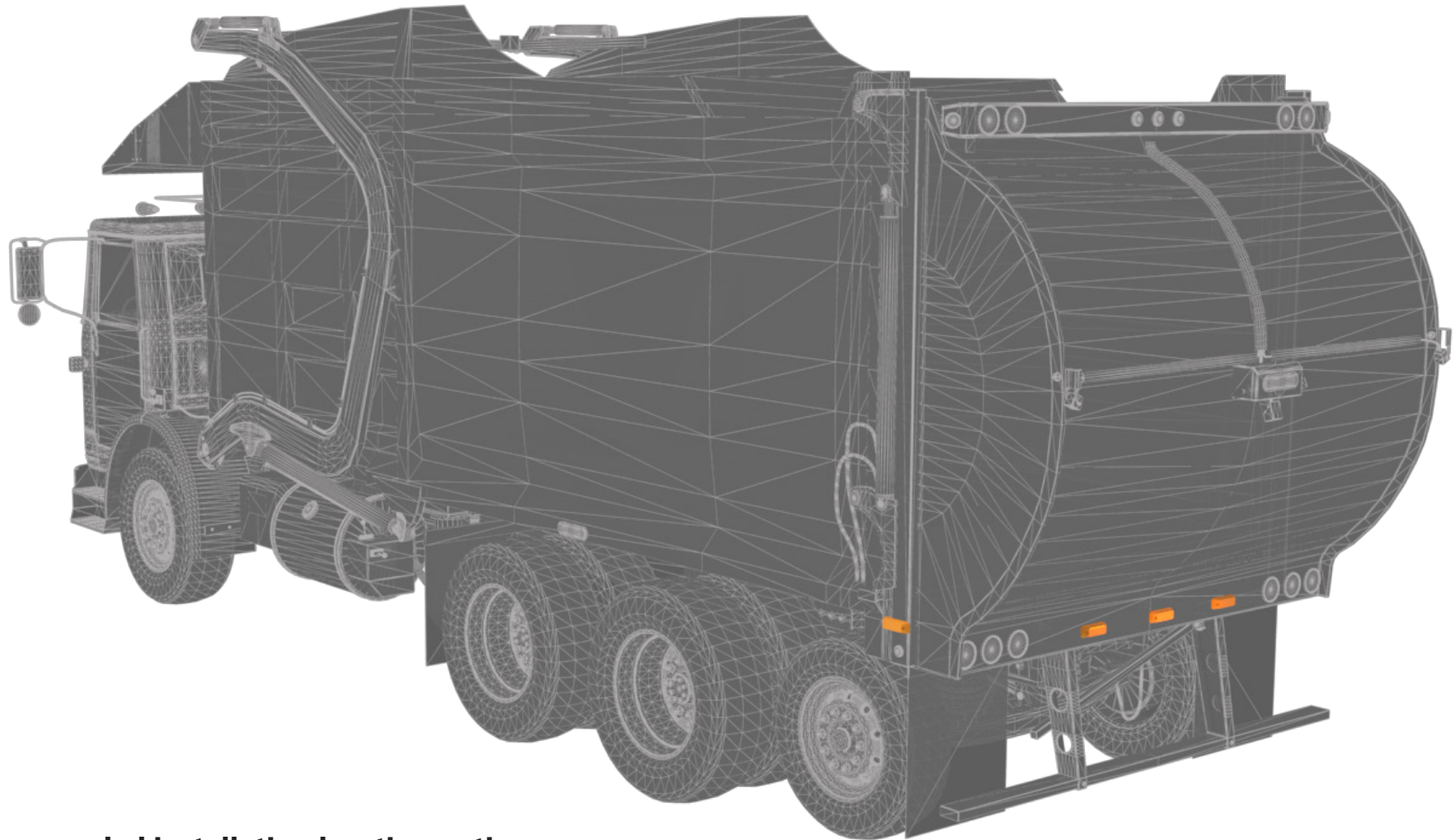
AVAILABLE COLORS (7900 SERIES)
 Amber, Blue, Clear, Green & Red



CA models = clear lens / amber illumination | CC models = clear lens / clear illumination

Where applicable, change A in part number to available color

DIRECTIONAL LEDs



Recommended installation location options

REFUSE SOLUTIONS



- # 3811A
- C Amber
- V 12-24
- A 0.4
- X 2 Bolt
- ⊗ SAE J595 Class I
CE, R10
- 🕒 3 Year

AVAILABLE COLORS
Amber, Blue, Clear & Red



- # 3861A
- C Amber
- V 12-24
- A 0.4
- X Grommet
- ⊗ SAE J595 Class I
CE, R10
- 🕒 3 Year



- # 3945A
- C Amber
- V 12-24
- A 0.5
- X Round Grommet
- ⊗ SAE J595 Class I
- 🕒 1 Year

AVAILABLE COLORS
Amber, Blue, Clear & Red



- 3965A
- Amber
- 12-24
- 0.5
- Oval Grommet
- SAE J595 Class I
- 1 Year



- # 3510A
- C Amber
- V 12-24
- A 0.75
- X 2 Bolt
- ⊗ SAE J595 Class I
California Title 13, CE, R10
- 🕒 5 Year

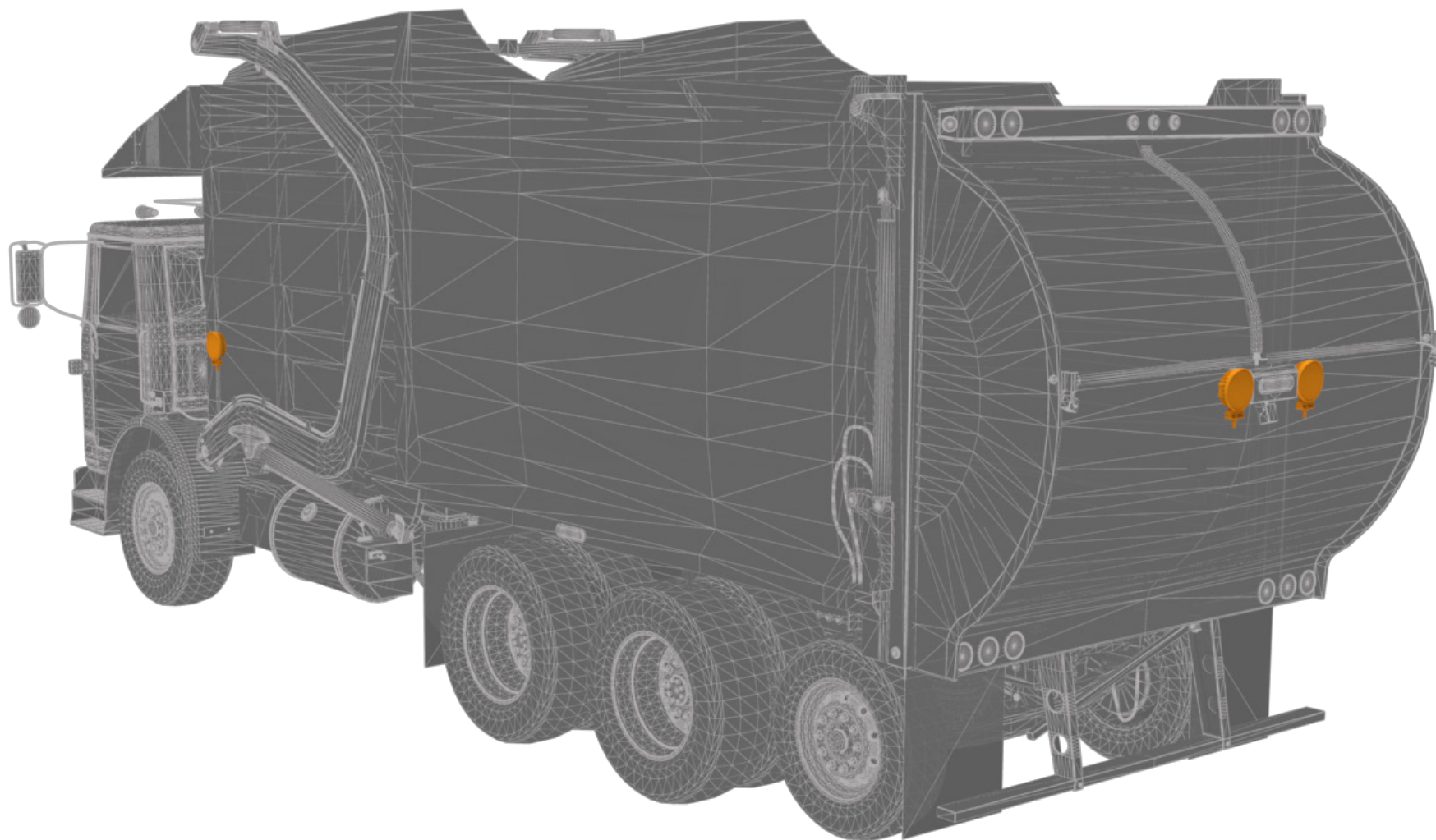
AVAILABLE COLORS
Amber, Blue, Clear, Green & Red



Synchronization Capable

Where applicable, change A in part number to available color

WORKLAMPS



Recommended installation location options

REFUSE SOLUTIONS

Worklamps



E92004
V 12-24
A 0.6
L 800 Raw, 700 Effective
 Flood
 CE, R10
 2 Year



E92007
V 12-24
A 0.7
L 750 Raw, 700 Effective
 Flood
 CE
 2 Year



E92013
V 12-24
A 0.9
L 650 Raw, 600 Effective
 Flood
 CE
 1 Year



EW2450
V 12-24
A 2.2
L 1300 Raw, 1100 Effective
 Spot
 CE
 3 Year

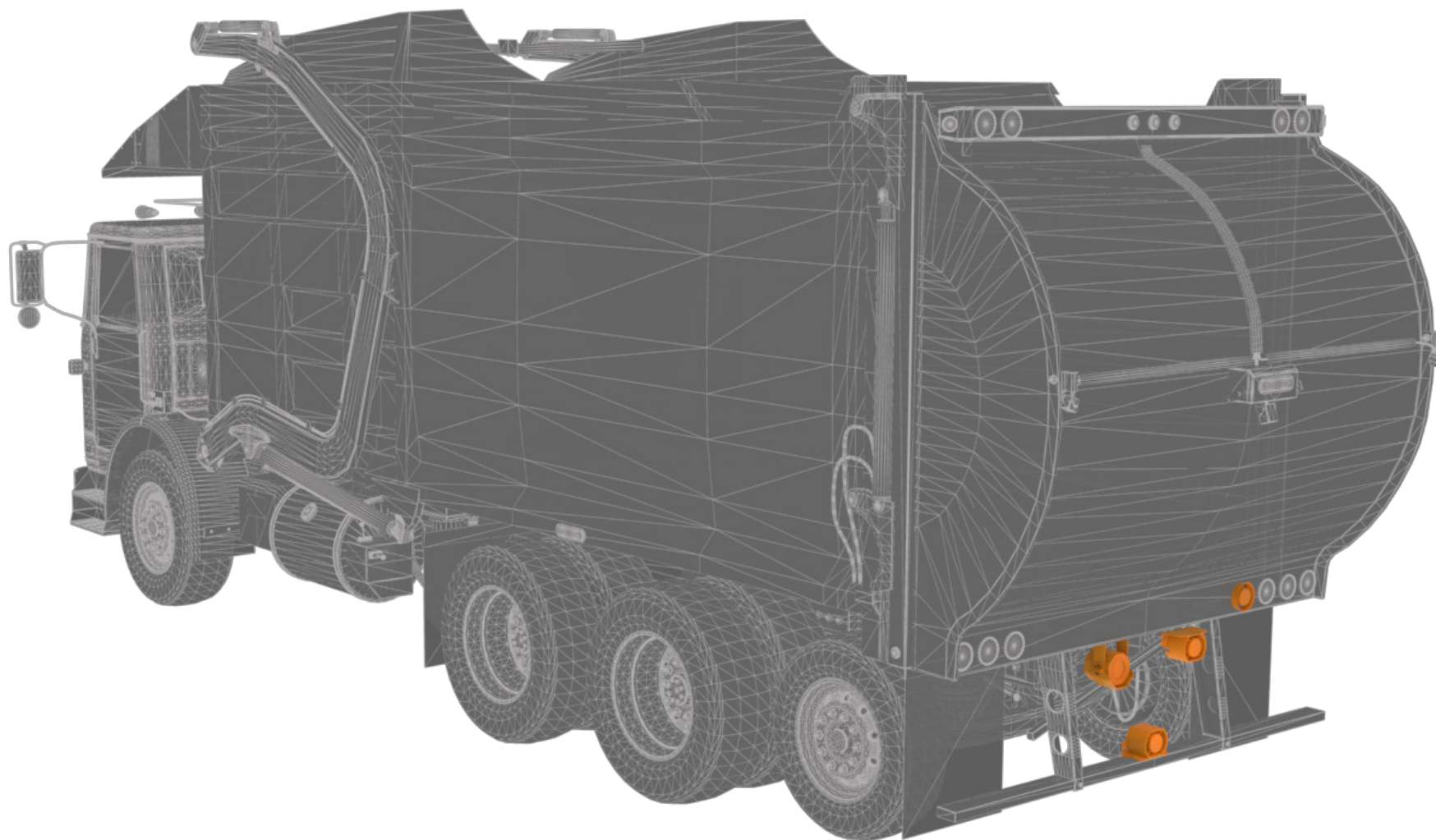


EW2451
V 12-24
A 2.2
L 1300 Raw, 1100 Effective
 Flood
 CE
 3 Year



EW2102 equinox
V 12-24
A 2.6
L 2000 Raw, 1600 Effective
 Flood
 CE, R10, IP67
 3 Year

REVERSING SAFETY



Recommended installation location options

REFUSE SOLUTIONS

Back-Up Alarms



415
V 12-24
dB(A) 97
A 0.2
X Grommet
☑ SAE J994 Type C, CE, R10
🕒 2 Year

435
V 12-24
dB(A) 102
A 0.3
X Grommet
☑ SAE J994 Type F, CE, R10
🕒 2 Year

SA955 SMART ALARM
V 12-24
dB(A) 82-102
A 0.4
X Grommet
☑ CE, R10
🕒 2 Year



410
V 12-36
dB(A) 97
A 0.1
X Grommet
☑ SAE J994 Type C, CE, R10
🕒 ECCOLIFE™

SA940 SMART ALARM
V 12-24
dB(A) 87-112
A 0.6
X Grommet
☑ -
🕒 CE, R10
🕒 ECCOLIFE™



510
T SRC*
V 12
dB(A) 97
A 0.2
X 2 Bolt
☑ SAE J994 Type C, CE, R10, UL, AMECA, IP65
🕒 2 Year

530
T SRC*
V 12-24
dB(A) 102
A 1.0
X 2 Bolt
☑ SAE J994 Type F, CE, R10, UL, IP65
🕒 2 Year

SA950 SMART ALARM
V 12-24
dB(A) 82-102
A 0.4
X 2 Bolt
☑ CE, R10, UL, IP65
🕒 2 Year



630N
V 12-36
dB(A) 107
A 1.2
X 2 Bolt
☑ SAE J994 Type B, CE, R10, UL, AMECA
🕒 ECCOLIFE™

SA901N SMART ALARM
V 12-24
dB(A) 82-107
A 0.3
X 2 Bolt
☑ CE, R10, UL, IP64
🕒 ECCOLIFE™

Multi-Frequency Alarms



EA5200 MULTI FREQUENCY
V 12-24
dB(A) 97
A 1.0
X 2 Bolt
☑ SAE J994 Type C, CE, R10, AMECA
🕒 2 Year



EA7070 MULTI FREQUENCY
V 12-24
dB(A) 107
A 0.8
X 2 Bolt
☑ SAE J994 Type B, CE, R10, AMECA, IP66
🕒 ECCOLIFE™



EA9724 MULTI FREQUENCY SMART ALARM
V 12-24
dB(A) 77-97
A 0.7
X 2 Bolt
☑ SAE J994 Type F, CE, R10
🕒 ECCOLIFE™

Camera Systems



EC5605-WK Gemineye
 5.6" LCD color system
 2.4 GHz digital wireless system
 Touchscreen menu control
 CMOS 11 LED infrared camera
 2 Bolt
 Includes monitor sunshade
 Four camera expandable
 One year warranty



K7000B Gemineye
 7" LCD color system
 CMOS 18 LED infrared camera
 Includes monitor sunshade
 Two camera expandable
 One year warranty



EC7000-QK Gemineye
 7" Quad view LCD color system
 Quad view, split screen
 CMOS 11 LED infrared camera
 Four camera expandable
 One year warranty



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vehicle warning and safety products

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