



HIGHWAY SOLUTIONS

GETTING THE JOB DONE

SAFELY



At ECCO, we appreciate just how dangerous the highway construction industry can be. And we're not just talking about slips and falls or exposure to harmful substances. We are talking about operating heavy equipment and the dangers associated with worker visibility. Highway workers usually work around-the-clock, in sometimes extreme environmental conditions, to get the job done. From severe weather to operating heavy machinery, there are many factors that can impact safety making the side of a busy highway a potentially life-threatening place to work.

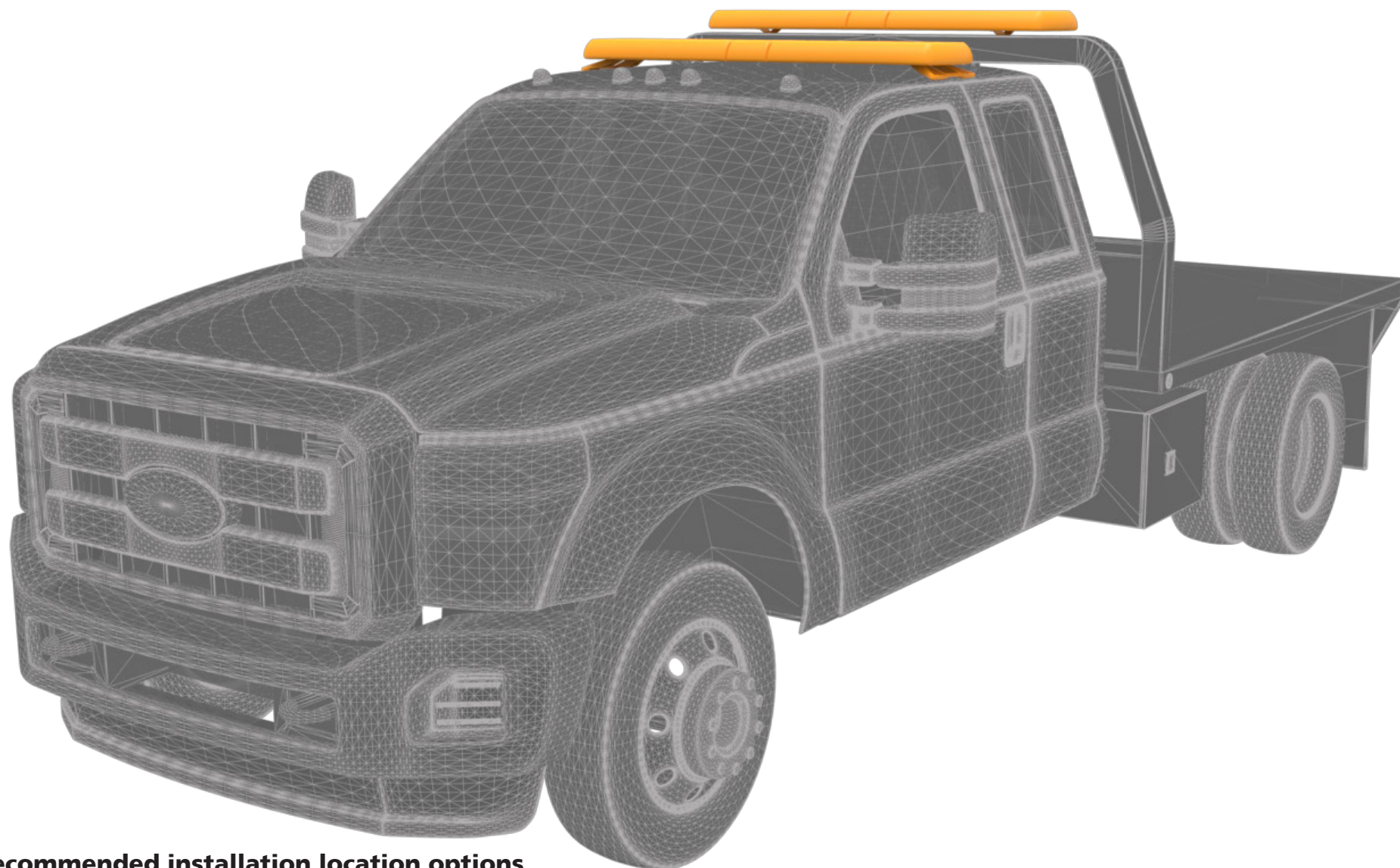
ECCO offers an extensive line of safety solutions that are ideally suited for highway construction workers. The new Safety Director™ provides optimal traffic direction with its SAE Class I certified LEDs. And speaking of LEDs, our high-intensity warning lights notify other vehicles that the road construction is in progress, even during low-visibility situations. ECCO's reversing safety solutions include a variety of back-up alarms including multi-frequency alarms and Smart Alarms to warn other drivers and pedestrians when you're reversing and camera systems to help you avoid obstacles. 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 use on the highway - day or night.



LIGHTBARS



Recommended installation location options

HIGHWAY SOLUTIONS

12 Series

SAE Class I LED Lightbar



48" # 12-00001-E

- C** Amber
- T** 16 LEDs
- V** 12-24
- A** 7.2
- ☑ SAE J845 Class I, California Title 13, CE, R10
- 🕒 3 Year



54" # 12-00002-E

- C** Amber
- T** 16 LEDs
- V** 12-24
- A** 7.2
- ☑ SAE J845 Class I, California Title 13, CE, R10
- 🕒 3 Year



60" # 12-00003-E

- C** Amber
- T** 16 LEDs
- V** 12-24
- A** 7.2
- ☑ SAE J845 Class I, California Title 13, CE, R10
- 🕒 3 Year

14 Series

SAE Class I Modular LED Lightbar



39" # 14-00005-E

- C** Amber
- T** 8 LEDs
- V** 12-24
- A** 7.2
- ☑ SAE J845 Class I, Cal. Title 13, R65, R10
- 🕒 5 Year



48" # 14-00006-E

- C** Amber
- T** 12 LEDs, 1 Safety Director
- V** 12-24
- A** 13.3
- ☑ SAE J845 Class I, Cal. Title 13, R65, R10
- 🕒 5 Year

21 Series

SAE Class I LED Lightbar



22" # 21-00002-E

- C** Amber
- T** 6 LEDs
- V** 12
- A** 3.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



47" # 21-00004-E

- C** Amber
- T** 14 LEDs
- V** 12
- A** 7.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year

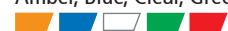


52" # 21-00009-E

- C** Amber
- T** 16 LEDs, 6 Module Safety Director
- V** 12
- A** 8.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year

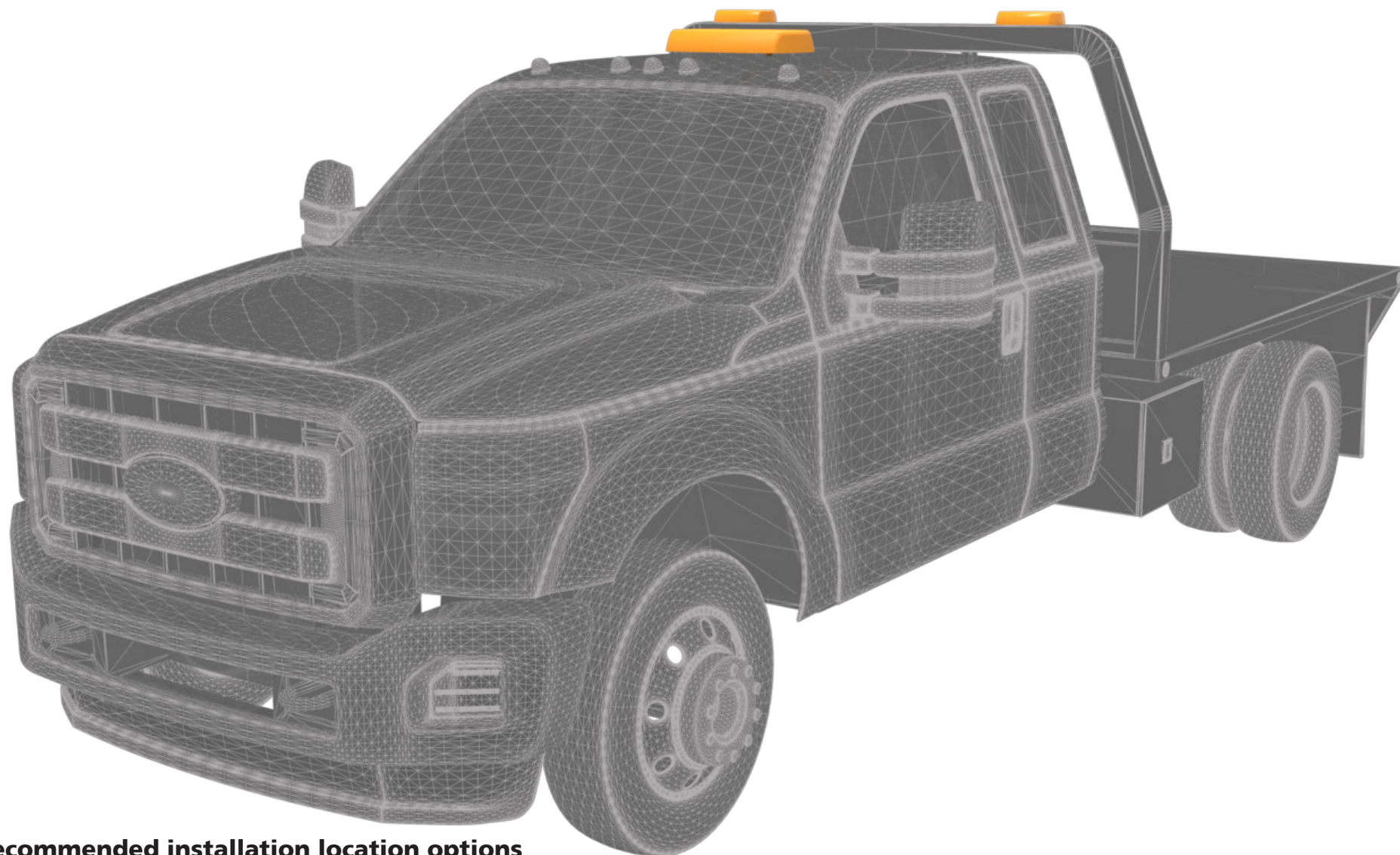
AVAILABLE COLORS - 12, 14, 21 Series

Amber, Blue, Clear, Green & Red



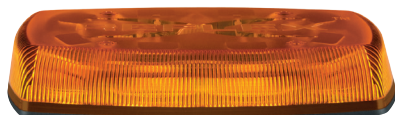
Custom configurations available

MINIBARS



Recommended installation location options

HIGHWAY SOLUTIONS



5585A REFLEX[®]
C Amber
V 12-24
A 5.1
X 4 Bolt
 ☑ SAE J845 Class I, CE, R10, IP65
 ⌚ 3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green, Red & Amber/Clear
 (MG models amber illumination only)



5587A REFLEX[®]
C Amber
V 12-24
A 5.1
X 4 Bolt
 ☑ SAE J845 Class I, CE, R10, IP65
 ⌚ 3 Year

AVAILABLE COLORS

Amber, Clear, Amber/Clear
 (MG models amber & amber/clear only)



5550A REFLEX[®]
C Amber
V 12-24
A 2.7
X 4 Bolt
 ☑ SAE J845 Class I, CE, R10, RoHS, IP65,
 California Title 13
 ⌚ 3 Year

AVAILABLE COLORS

Amber, Clear, Amber/Clear



5590A REFLEX[®]
C Amber
V 12-24
A 6.0
X 4 Bolt
 ☑ SAE J845 Class I
 California Title 13, CE, R10, IP65
 ⌚ 3 Year

AVAILABLE COLORS

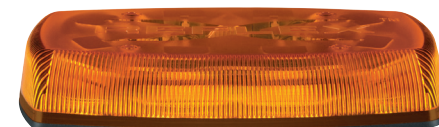
Amber, Blue, Clear, Green & Red
 (MG models amber & amber/clear only)



5597A REFLEX[®]
C Amber
V 12-24
A 6.0
X 4 Bolt
 ☑ SAE J845 Class I, California Title 13,
 CE, R10, IP65
 ⌚ 3 Year

AVAILABLE COLORS

Amber, Clear, Amber/Clear
 (MG models amber & amber/clear only)



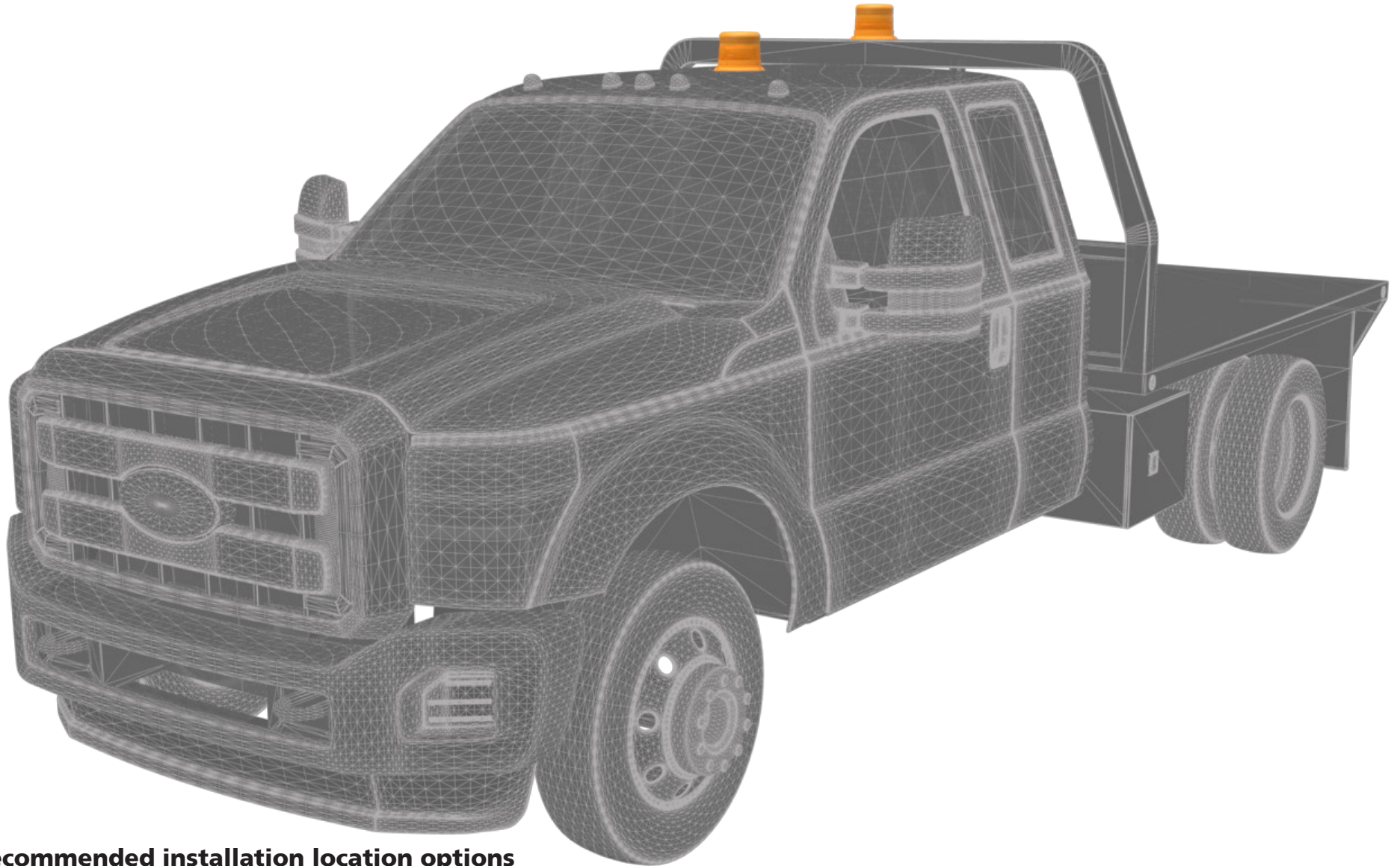
5580A REFLEX[®]
C Amber
V 12-24
A 2.7
X 4 Bolt
 ☑ SAE J845 Class II, CE, R10, IP65
 ⌚ 3 Year

AVAILABLE COLORS

Amber



BEACONS



Recommended installation location options

HIGHWAY SOLUTIONS



EB7180A

- C** Amber
- V** 12-24
- A** 6.2
- X** 3 Bolt / 1" Pipe
- ✓** SAE J845 Class I, Cal. Title 13, R10, IP55, AMECA
- ⌚** 3 Year



EB7180A-VM

- C** Amber
- V** 12-24
- A** 6.2
- X** Vacuum-Magnet
- ✓** SAE J845 Class I, Cal. Title 13, R10, IP55, AMECA
- ⌚** 3 Year



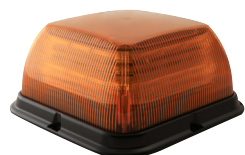
7945A

- 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



EB7185A Dual-color

- C** Amber
- V** 12-24
- A** 8.6
- X** 3 Bolt / 1" Pipe
- ✓** SAE J845 Class I, Cal. Title 13, R10, IP55, AMECA
- ⌚** 3 Year



EB7185A-VM Dual-color

- C** Amber
- V** 12-24
- A** 8.6
- X** Vacuum-Magnet
- ✓** SAE J845 Class I, Cal. Title 13, R10, IP55, AMECA
- ⌚** 3 Year



7965A

- C** Amber
- V** 12-24
- A** 3.6
- X** 3 Bolt / 1" Pipe
- ✓** SAE J845 Class I, 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

AVAILABLE COLORS (EB7180 / EB7185)

Amber, Clear/Amber/Amber, Clear/Amber/Clear & Clear/Clear/Clear



CAA models = clear lens / amber illumination | CAC models = clear lens / amber and clear illumination
CCC models = clear lens / clear illumination

AVAILABLE COLORS (7900 SERIES)

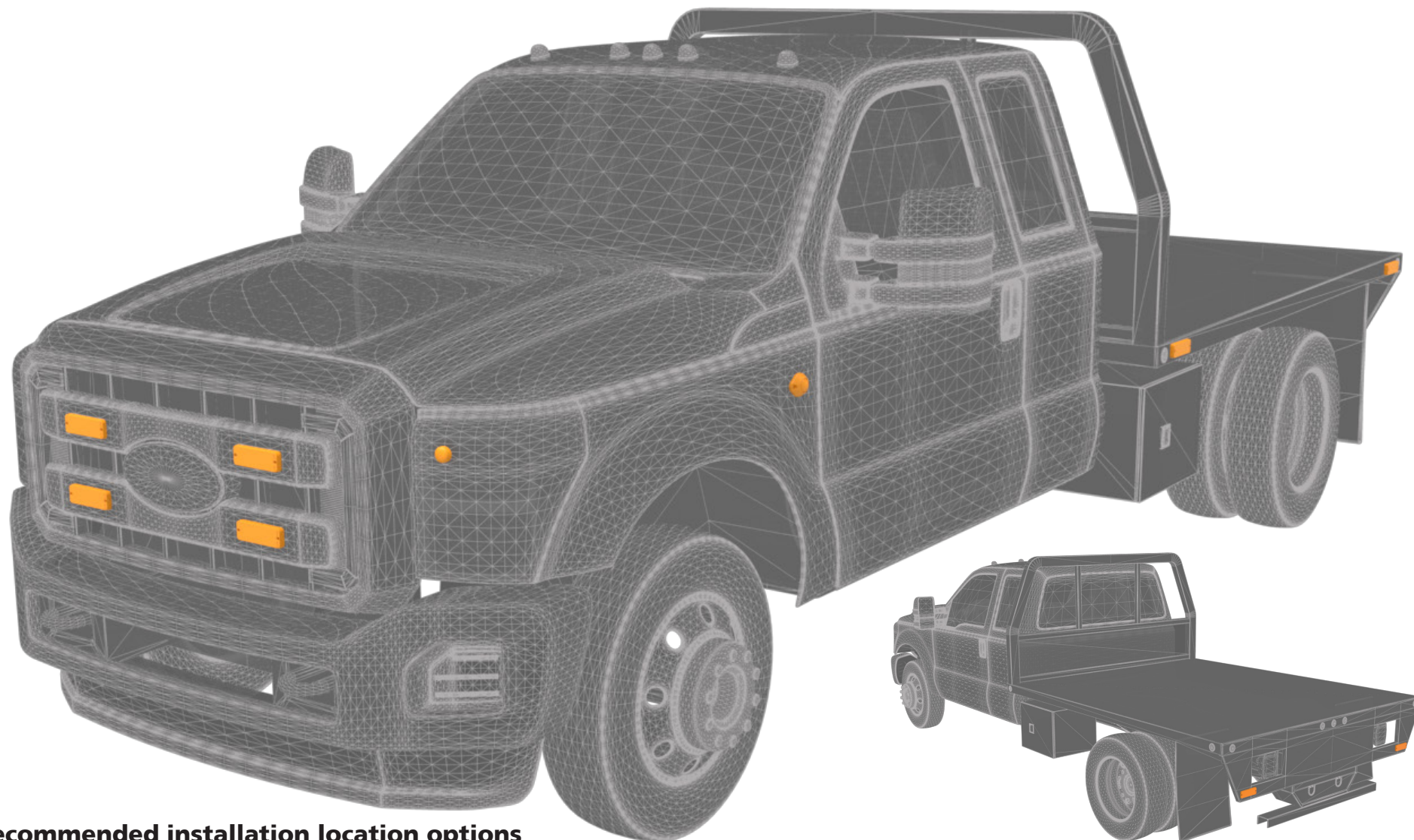
Amber, Blue, Clear, Green & Red



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

HIGHWAY SOLUTIONS



- # **ED3701A** Solid- or split-color
C Amber
V 12-24
A 0.8
X 2 Bolt
Ⓢ SAE J595 Class I
 California Title 13, R65, R10
Ⓢ 3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green, Red, Amber/Blue,
 Amber/Clear, Amber/Green, Amber/Red,
 Blue/Clear, Red/Blue & Red/Clear



- # **ED3706A** Solid- or split-color
C Amber
V 12-24
A 0.9
X Multi-Mount (surface, tilt bracket,
 self-adhesive, edge)
Ⓢ SAE J595 Class I, California Title 13,
 R65, R10, IP67
Ⓢ 3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green, Red,
 Amber/Blue, Amber/Clear, Amber/Green,
 Amber/Red, Red/Blue



- # **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



- # **ED3702AC** Dual-color
C Amber/Clear
V 12-24
A 0.6
X 2 Bolt
Ⓢ SAE J595 Class I
 California Title 13, R65, R10
Ⓢ 3 Year

AVAILABLE COLORS

Amber/Blue, Amber/Clear, Amber/Green,
 Amber/Red, Blue/Clear, Red/Blue & Red/Clear



- # **ED3712AC** Dual-color
C Amber/Clear
V 12-24
A 0.9
X Multi-Mount (surface, tilt bracket,
 self-adhesive, edge)
Ⓢ SAE J595 Class I, California Title 13,
 R65, R10
Ⓢ 3 Year

AVAILABLE COLORS

Amber/Blue, Amber/Clear, Amber/Green,
 Amber/Red, Blue/Clear, Red/Blue & Red/Clear



- # **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



- # **3703A / 3704A / 3705A**
C Amber
V 12-24
A 0.5
X 2 Bolt
Ⓢ SAE J595 Class I, R10
Ⓢ 3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red

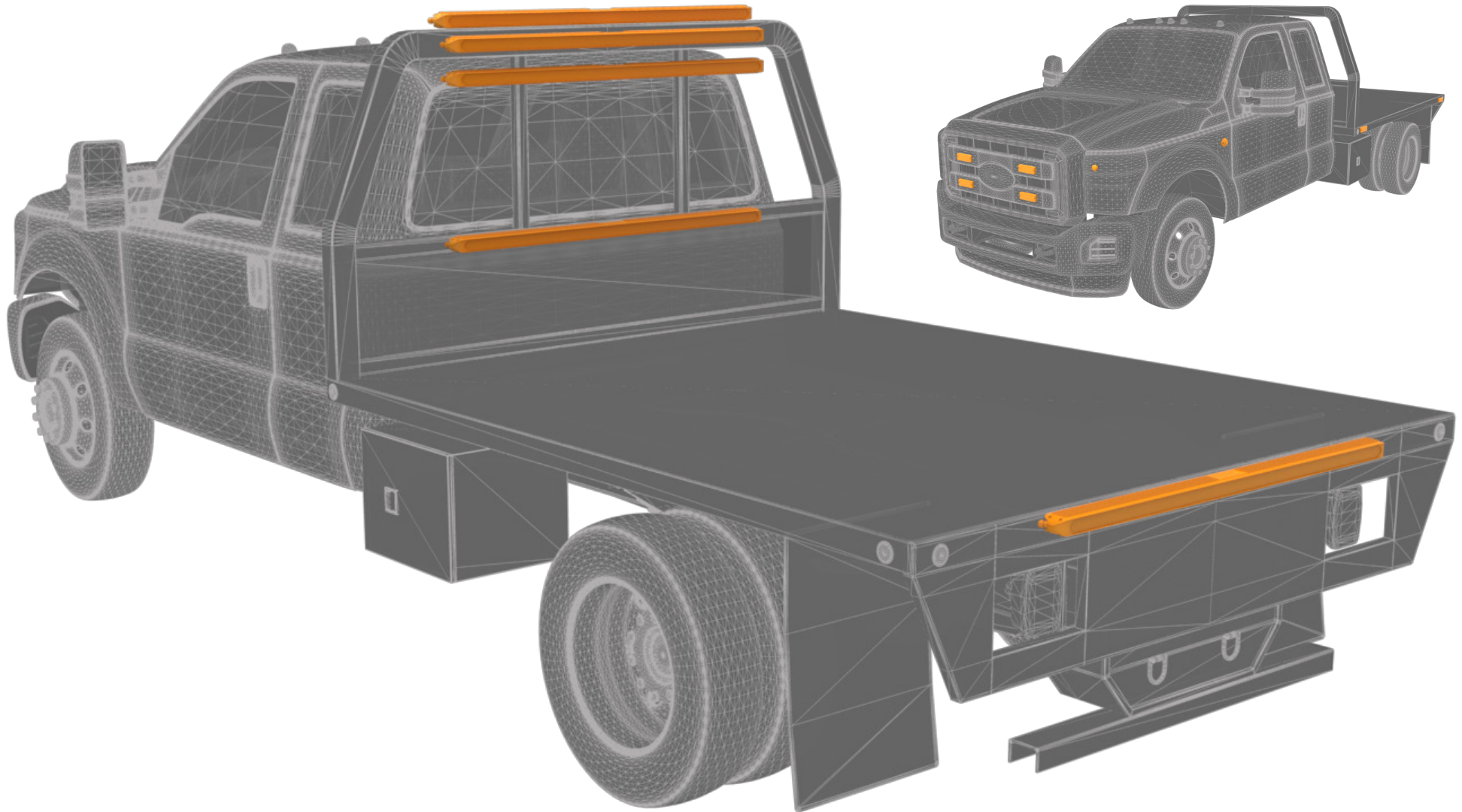


(3704 & 3705 only)

Synchronization Capable

Where applicable, change A in part number to available color

DIRECTIONAL WARNING



Recommended installation location options

HIGHWAY SOLUTIONS

3400 Series ^{Safety}Director™

SAE Class I LED Safety Director



- # 3410A
- C Amber
- 15'
- V 12
- A 1.6
- ✓ SAE J595 Class I
- CE, R10
- 3 Year

Hide-A-LED™

Concealed Warning LEDs



- # 9011A
- C Amber
- T 4 LEDs
- 1 Head
- V 12-24
- A 0.35
- ✕ 2 Bolt
- ✓ CE, R10
- 5 Year



- # 9013A
- C Amber
- T 6 LEDs
- 1 Head
- V 12-24
- A 1.25
- ✕ 2 Bolt
- ✓ CE, R10
- 5 Year

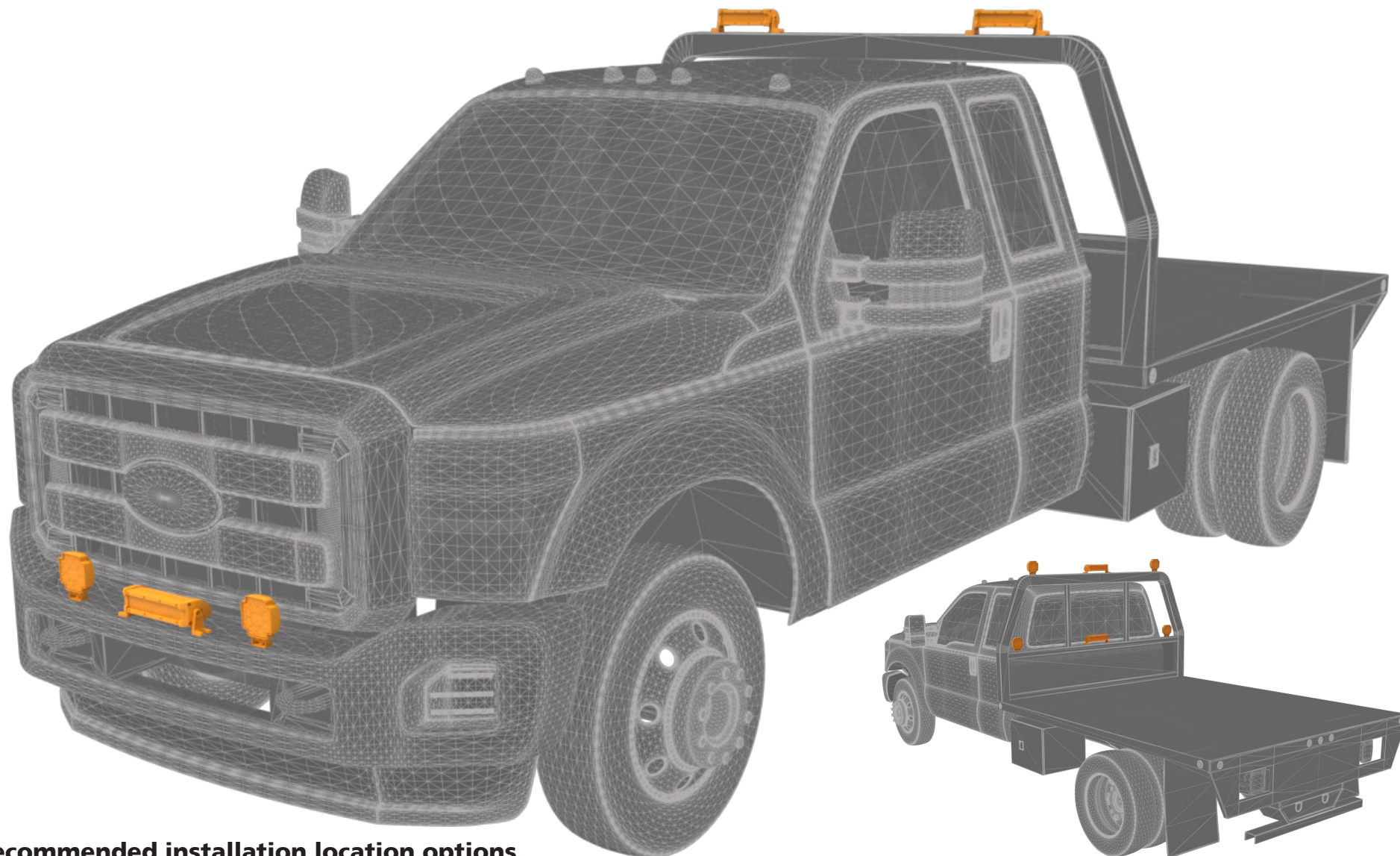


- # 9014A
- C Amber
- T 6 LEDs
- 1 Head
- V 12-24
- A 0.9
- ✕ 2 Bolt
- ✓ CE, R10, IP67
- 2 Year

AVAILABLE COLORS
Amber, Blue, Clear & Red



WHITE LIGHTING



Recommended installation location options

HIGHWAY SOLUTIONS

Worklamps



EW2471

V 12-24
A 1.2
L 550 Raw, 500 Effective
Flood
CE, R10, IP67
3 Year



EW2481

V 12-24
A 1.2
L 600 Raw, 600 Effective
Flood
CE, R10, IP67
3 Year



EW2491

V 12-24
A 1.2
L 550 Raw, 450 Effective
Flood
CE, R10, IP67
3 Year



E92004

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



E92006

V 12-24
A 1.3
L 1300 Raw, 1200 Effective
Flood
CE
2 Year



EW2102

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



EW2411

V 12-24
A 1.3
L 1000 Raw, 900 Effective
Flood
IP67, CE, R10
3 Year



EW2421

V 12-24
A 2
L 2400 Raw, 2200 Effective
Flood
IP67, CE
3 Year



EW2431

V 12-24
A 3.1
L 2600 Raw, 2100 Effective
Flood
IP67, CE
3 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



EW2101A

V Amber
A 12-24
L 1.8
Flood
CE, R10, IP67
3 Year



Utility Bars



EW3108-F

T 8" Single Row
V 12-24
A 1.9
L 1100 Raw, 1000 Effective
Flood
IP67, R10
3 Year



EW3208-F

T 8" Double Row
V 12-24
A 3.8
L 2150 Raw, 1950 Effective
Flood
IP67, R10
3 Year



EW3114

T 14" Single Row
V 12-24
A 5.7
L 3350 Raw, 2600 Effective
Flood / Spot Combo
IP67, R10
3 Year

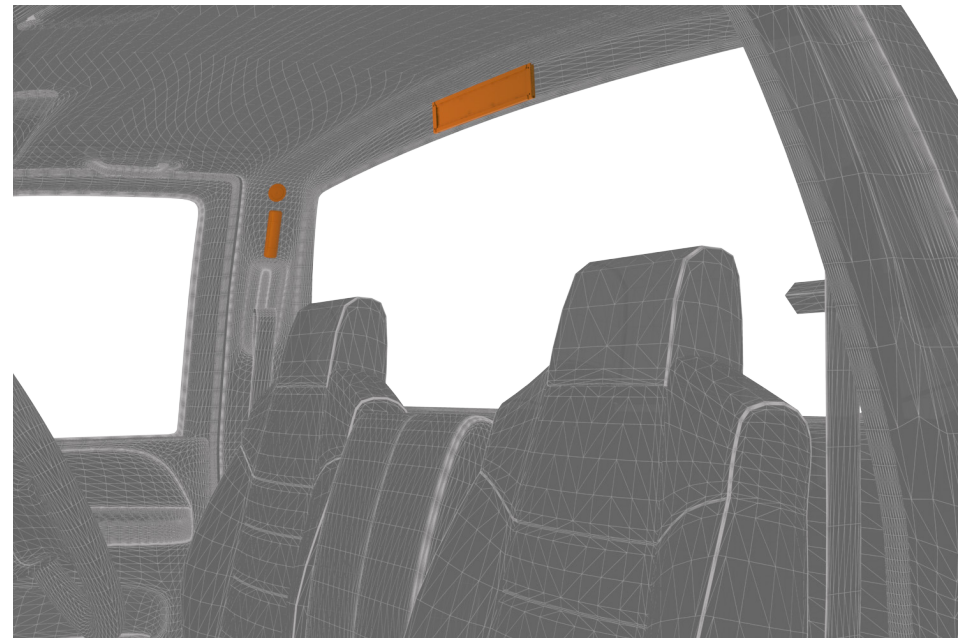
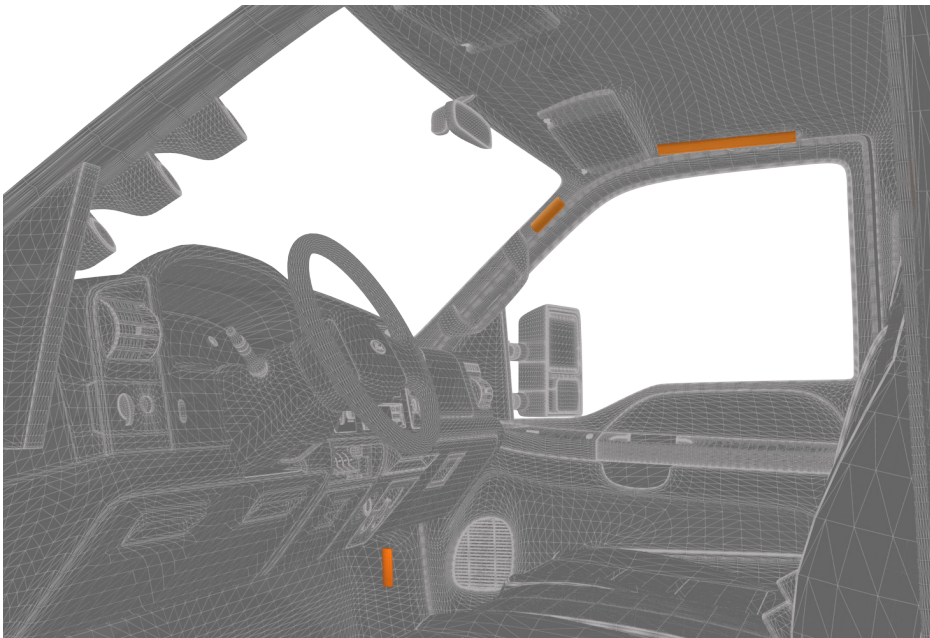


EW3214

T 14" Double Row
V 12-24
A 9.3
L 6700 Raw, 4800 Effective
Flood / Spot Combo
IP67, R10
3 Year

Additional utility bar lengths & configurations available

INTERIOR LIGHTING



Recommended installation location options

HIGHWAY SOLUTIONS

Strip Lighting



12"

EW0116

- T 18 LED
- V 12
- A 0.4
- L 350 Raw, 350 Effective
- Flood
- CE, RoHS, IP65
- 3 Year



24"

EW0117

- T 36 LED
- V 12
- A 0.7
- L 700 Raw, 700 Effective
- Flood
- CE, RoHS, IP65
- 3 Year

ACCESSORIES

EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity (automatically activates light when human movement is detected)



Interior Lighting



4.5" CLEAR

EW0310

- T 4 LED
- V 12-24
- A 0.1
- L 100 Raw, 100 Effective
- Flood
- CE, RoHS
- 3 Year



7" CLEAR

EW0320

- T 8 LED
- V 12-24
- A 0.1
- L 200 Raw, 200 Effective
- Flood
- CE, RoHS,
- 3 Year



14" MODULAR FROST

EW0351

- T 16 LED
- V 12
- A 0.5
- L 300 Raw, 250 Effective
- Flood
- CE, RoHS
- 3 Year



CONNECT
MULTIPLE UNITS
TOGETHER



Multiple lengths available



5.5"

EW0400

- T 10 LED
- V 12-24
- A 0.4
- L 200 Raw, 200 Effective
- Flood
- CE, R10, RoHS, IP64
- 3 Year



12"

EW0401

- T 22 LED
- V 12-24
- A 0.7
- L 450 Raw, 450 Effective
- Flood
- CE, R10, RoHS, IP64
- 3 Year



13"

EW0700

- T 6 LED
- V 12-24
- A 0.5
- L 400 Raw, 350 Effective
- Flood
- CE, RoHS
- 3 Year

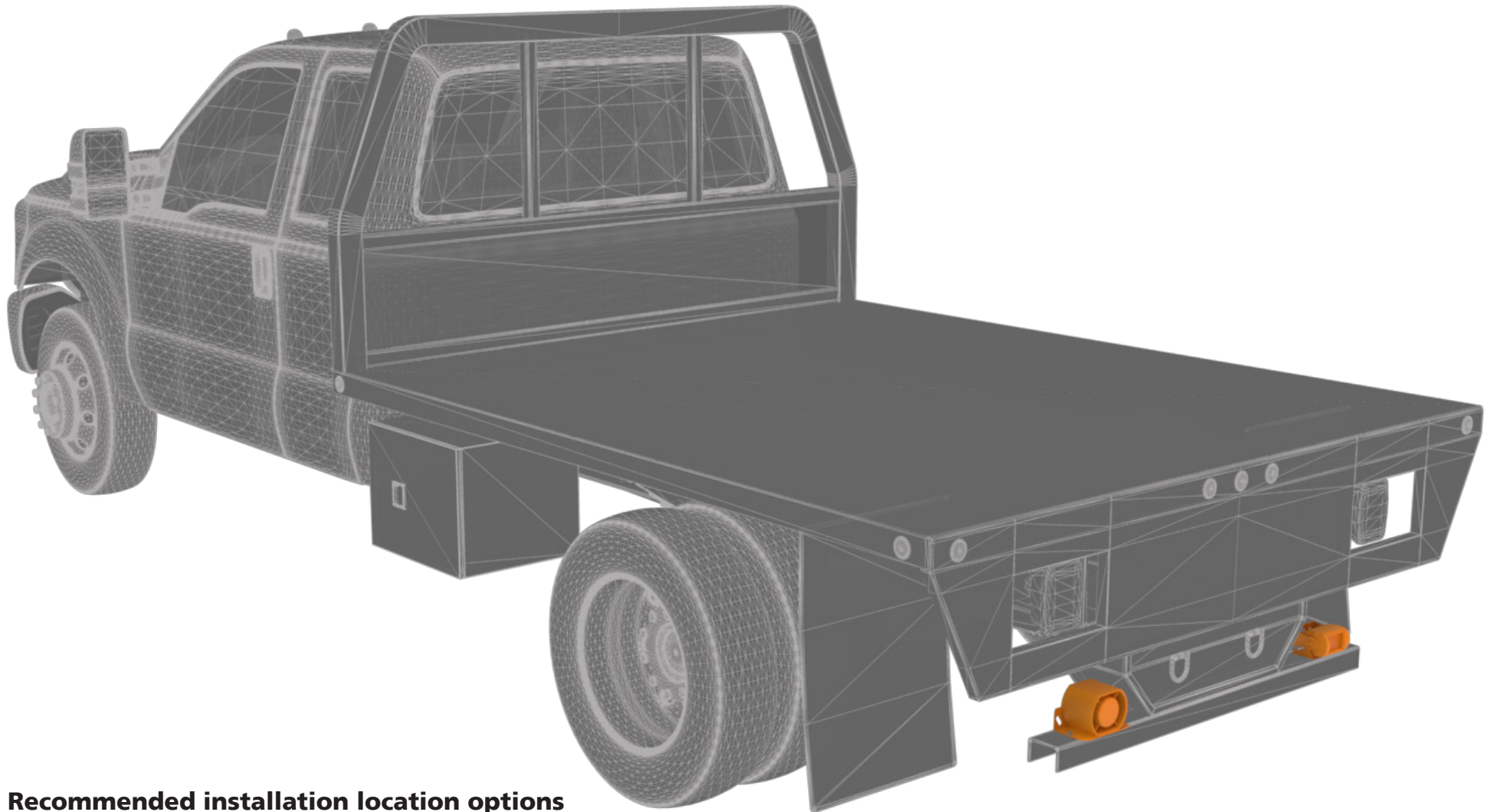


22"

EW0701

- T 12 LED
- V 12-24
- A 0.9
- L 1250 Raw, 1200 Effective
- Flood
- CE, RoHS
- 3 Year

REVERSING SAFETY



Recommended installation location options

HIGHWAY SOLUTIONS

Back-Up Alarms



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
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



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



EC5603-K *Gemineye*
5.6" LCD color system
Touchscreen menu control
CMOS 11 LED infrared camera
Includes monitor sunshade
Three camera expandable
One year warranty



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



EC7003-K *Gemineye*
7" LCD color system
Touchscreen menu control
CMOS 11 LED infrared camera
Includes monitor sunshade
Three camera expandable
One year warranty



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