

LED Lighting Aftermarket Vehicle Specific Catalog

FREIGHTLINER KENWORTH · PETERBILT VOLVO · MAC INTERNATIONAL

OUR COMMITMENT TO QUALITY, SERVICE AND YOUR BOTTOM LINE

FROM FIRST LIGHT TO LAST, drivers go the extra mile. They expect their equipment to do the same. That includes the lights they rely on all day and night. When their lights come from Heavy Duty Lighting, everyone on the road can count on staying safe.

A focused approach

Putting people at the front of our thinking is what drives innovation, and sets us up to deliver LED products that exceed quality and safety expectations while remaining cost-effective. We prioritize rigorous field testing, and put every ounce of re-investment, tooling, design and development into delivering solutions that stand up to the demands of the road, and meet the quality and safety needs of drivers everywhere.

By listening to our customers and being open to exploring new ideas, we've created a comprehensive line of aftermarket vehicle specific LED lights that are made to go head-to-head with their OEM counterparts. HDL aftermarket vehicle specific lights are made by reverse-engineering the OEM part. By carefully studying the OEM products and collecting data from the field, HDL can design a light that will not only meet the OEM part standards but will more than often improve the quality of the light by fixing original weaknesses, such as water intrusion or premature failure. Oftentimes, we will add options for the part, such as a clear lens.

We start and finish with quality

In trucking and transportation, "good enough" simply doesn't cut it, especially when it comes down to safety and costs. HDL invests our time and energy toward delivering solutions that go the extra mile for drivers, purchasing agents, and business owners so they're never stuck with "good enough."

Contrary to a popular myth, using aftermarket parts does not void the vehicle's warranty as long as they are direct replacements (mate to factory harness and are designed to function the same). Many aftermarket parts function just as well as, or even better than the OEM version. Aftermarket parts are generally less expensive than OEM parts, and the savings can be significant. All HDL vehicle specific lights are guaranteed to function as designed with a 5 year warranty covering any failure deemed to be caused by a defect in materials or workmanship.

All aftermarket LED lights are not created equal. Choosing a quality light from a proven source like HDL will ensure you are getting a great product built to withstand the harsh environments in the commercial vehicle industries, at a price you can afford.

FIRST LIGHT. LAST MILE.®



Freightliner® Cab Marker

	012Y LED	HD45012YC 12 LED
Specification	5	 Features
LED: COLOR: DIMENSION: VOLT RANGE: AMP DRAW:	5mm Amber 4.5" x 2.2" x 1.5" 7.5 - 14 VDC 140mA	 » OEM Compatibility with Freightliner® Model Trucks » Popular Cross Reference - 22-51942-000 » Polycarbonate Lens » ABS Housing » Epoxy Encapsulated Electronics » Base Gasket Included » Hard-wired with Bullet Connectors

Freightliner[®] Cab Marker



HD47004YSD 4 LED

Specifications

LED:	Super Duty
COLOR:	Amber
DIMENSION:	4.7" x 2.39" x .34"
VOLT RANGE:	7.5 - 14 VDC
AMP DRAW:	22mA

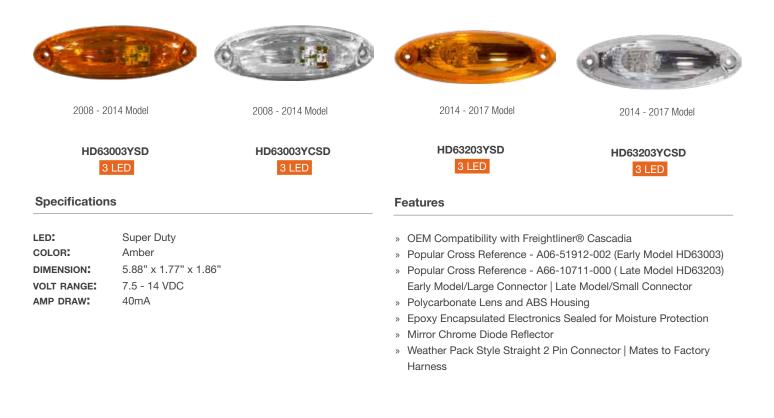
HD47004YCSD 4 LED

Features

- » OEM Compatibility with Freightliner Model Trucks
- » Popular Cross References A06-53367-000
- » 2-Pin Weather Pack Connector | Mates to Factory Harness
- » Impact Resistant Polycarbonate Lens
- » ABS Housing
- » Epoxy Encapsulated Electronics
- » Mounting Holes 3 5/8" on Center
- » SAE DOT P2 13



Freightliner[®] Cascadia Cab Marker



Freightliner® M2 Cab Marker

Specification	S	Features	
LED: COLOR: DIMENSION: VOLT RANGE: AMP DRAW:	Super Duty Amber 5.96" x 2.76" x 3.78" 7.5 - 14 VDC 115mA	 » OEM Compatibility with Freightliner[®] M2 106 » Popular Cross References: A06-40578-000 » PMMA Lens & ABS Housing » Conformally Coated Electronics » Includes Rubber Base Gasket and Mounting 	
IP	65	Screws » DOT SAE P2 P3	HD42002YSD 2 LED

Freightliner[®] Cascadia Cab Marker

LED:	SMD
COLOR:	Amber
DIMENSION:	5.80" x 1.75" x .69"
VOLT RANGE:	7.5 - 14 VDC
AMP DRAW:	52mA
IP:	67

Specifications

Features

- » OEM Compatibility with Freightliner[®] Cascadia Late Model (2017⁺) Small Connector
 » Popular Cross Reference A66-01728-003
 » Polycarbonate Lens and ABS Housing
- » Conformally Coated Electronics
- » Vacuum Chrome Diode Surround
- » 2-Pin Weather Pack Connector | Mates to Factory Harness
- » Included Foam Base Gasket and Mounting Screws
- » DOT SAE P3 PC



HD63002YSMD 2 LED

International® Cab Marker

0		
_	52003Y B LED	HD52003Y-PLG
Specification	S	Features
LED: COLOR: DIMENSION: VOLT RANGE: AMP DRAW:	SMD Amber 4.81" x 2.24" x 1.42" 7.5 - 14 VDC 110mA	 » OEM Compatibility with Navistar[®] Models International Prostar[®], Durastar[®], Workstar[®] » Popular Cross References 3529900C98, 3524553C94 » Polycarbonate Lens & Housing » Conformally Coated Electronics » 2-Pin Weather Pack Connector Mates to Factory Harness » Mounting Holes 3.62" on Center » Includes Foam Base Gasket and Mounting Screws » DOT SAE P3 17

International[®] Cab Marker



HD52004Y 4 LED

Specifications

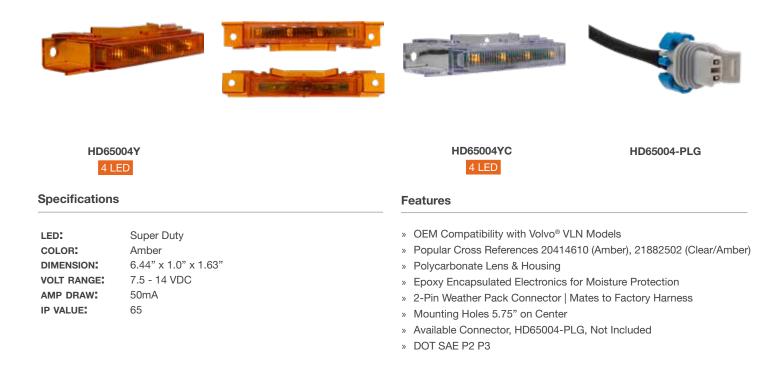
LED:	SMD
COLOR:	Amber
DIMENSIONS:	6.42" x 2.0" x 0.91"
VOLT RANGE:	7.5 - 14 VDC
AMP DRAW:	90mA
IP	65

Features

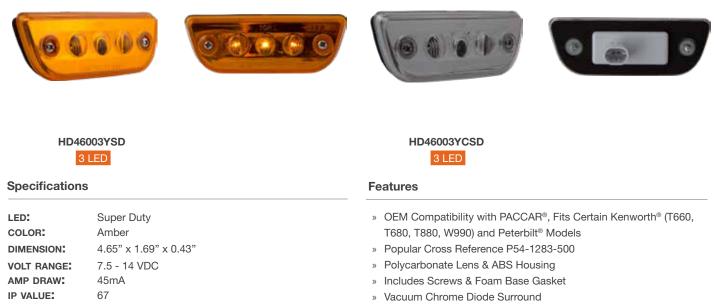
- » Popular Cross References: 3664104C91
- » PMMA Lens
- » ABS Housing
- » 2-Pin Weather Pack Connector | Mates to Factory Harness
- » Conformally Coated Electronics
- » DOT SAE A2 01



Volvo® Cab Marker



Kenworth® Cab Marker



- » 2-Pin Weather Pack Connector | Mates to Factory Harness
- » DOT SAE P3 17, CE, RoHs Compliant

3" X 11" Square Cab Marker with Chrome Body

Lamp Only					
HD10131Y HD10131YC HD10031Y HD10031YC	HD1	0131Y	HD10131YC	Lamp Only HD10031Y	Lamp Only HD10031YC
31 LED 31 LED 31 LED 31 LED	31	LED	31 LED	31 LED	31 LED
Specifications Features	Specification	IS		Features	
LED: 5mm » Epoxy Encapsulated Electronics	LED:	5mm		» Epoxy Encapsulated Electronics	3
COLOR: Amber » Polycarbonate Lens			2"		
DIMENSION: 10.7" x 3.83" x 3.0" > Chromed ABS Housing VOLT RANGE: 7.5 - 14 VDC > Dro wind and Body for Install			J		
» Fle-wiled and heady for install					
AMP DRAW: 300mA » Mounting Holes 9 1/8" on Center IP RATING: 65 » Includes Base Gasket and Mounting Hardware				» iviounting Holes 9 1/8" on Cente	er

Kenworth[®] Cab Marker with Chrome Body

	Specificatio	ons	Features
	LED COLOR DIMENSION VOLT RANGE AMP DRAW	Super Duty Amber 10.65" x 2.83" x 2.48" 7.5 - 14 VDC 50mA	 » OEM Compatibility with PACCAR® P54-1120-100 » Impact Resistant Polycarbonate Lens » Chromed ABS Housing » Conformally Coated Electronics » 2-Pin Weather Pack Connector Mates to Factory Harness » Mounting Holes 6" on Center
HD10403Y 3 LED			 » Includes Base Gasket » DOT P2 PS

Mack® Cab Marker with Chrome Body

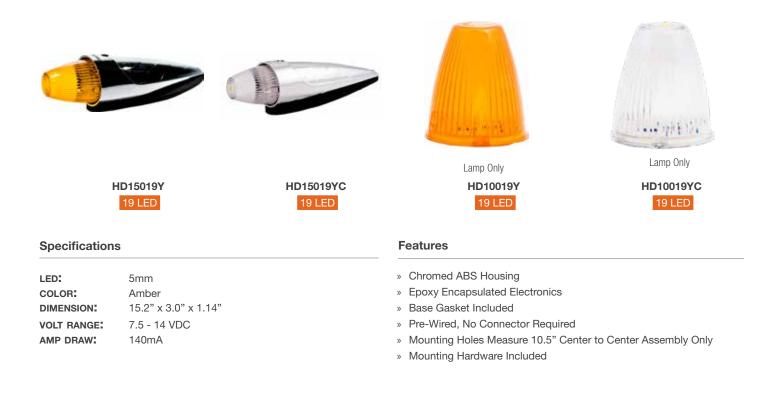


HD10104Y 4 LED

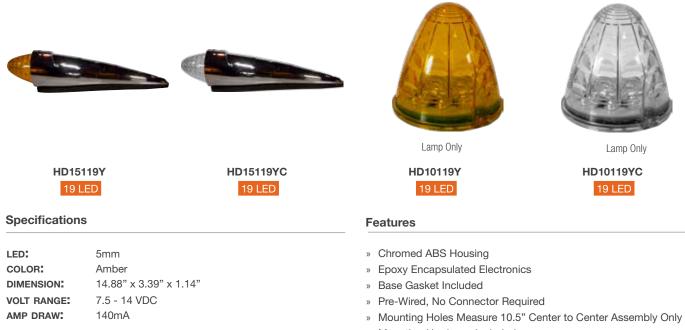
Specifications		Features	
LED	SMD	» OEM Compatibility with Mack [®] 25130475,	
COLOR	Amber	25130490, 38MO57AM, 38MO57M, 8413-26360Y	
DIMENSION	10.06" x 2.64" x 3.35"	» PMMA Lens	
VOLT RANGE	7.5 - 14 VDC	» Chromed ABS Body	
AMP DRAW	100mA	» 2-Pin Weather Pack Connector	
		» Includes Foam Base Gasket & Wiring Grommet	

FIRST LIGHT. LAST MILE.

Blunt Nose Torpedo



Bullet Nose Torpedo



» Mounting Hardware Included

Freightliner® M2 Side Turn Marker

	AI4SMDYC 4 LED	
Specification: LED: COLOR: DIMENSION: VOLT RANGE: AMP DRAW: IP RATING:	SMD Amber 3.77" x 2.20" x 1.31" 7.5-14 VDC High: 160mA Low: 70mA 65	 Features Popular Cross Reference A0640131000 Polycarbonate Lens and ABS Housing Includes Foam Base Gasket & Mounting Screws Conformally Coated Circuit Board & Electronics 3-Pin Weather Pack Connector Mates to Factory Harness Mounting Studs 2.76" on Center DOT SAE P2P3

Freightliner® Cascadia Side Turn Marker



Specifications

LED:	SMD
COLOR:	Amber
DIMENSION:	6.48" x 3.92" x 2.40"
VOLT RANGE:	7.5 - 14 VDC
AMP DRAW:	High: 90mA
	Low: 70mA
IP RATING:	65

» OEM Compatibility with Freightliner® Cascadia

- » Popular Cross References AO6-90212-004 (Left), AO6-90212-005 (Right)
- » PMMA Lens & ABS Housing
- » 3-Pin Weather Pack Connector | Mates to Factory Harness
- » DOT SAE E2 P2 14



Freightliner® Cascadia Side Turn Marker



HD53005SMDY 5 LED

Specifications

LED:	SMD	
COLOR:	Amber	
DIMENSION:	5.08" x 2.74" x 2.31"	
VOLT RANGE:	7.5 - 14 VDC	
AMP DRAW:	High: 84mA	
	Low: 24mA	:
IP RATING:	67	

Features

- » OEM Compatibility with Freightliner® Cascadia
- » Popular Cross References AO6-82313-001, AO6-58770-000
- » Polycarbonate Lens & ABS Housing
- » Reflector Under Lens
- » 3-Pin Weather Pack Connector | Mates to Factory Harness
- » DOT SAE P2P3, CE, RoHS Compliant

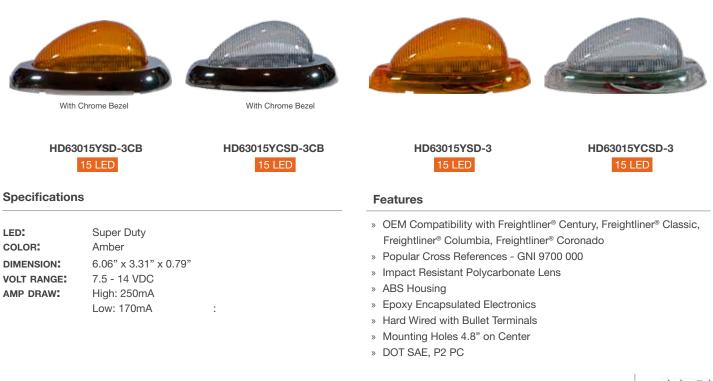
Freightliner® Cascadia Side Turn Marker



Freightliner® 2-Wire Teardrop Side Turn Marker

With Ch	rome Bezel	With Chrome Bezel		
	5YSD-2CB	HD63015YCSD-2CB 15 LED	HD63015YSD-2 15 LED	HD63015YCSD-2 15 LED
Specification	S		Features	
LED: COLOR: DIMENSION: VOLT RANGE: AMP DRAW:	Super Duty Amber 6.06" x 3.31" x 0.79 7.5 - 14 VDC 250mA	9"	 » OEM Compatibility with Freightlin Classic, Freightliner® Columbia, » Popular Cross References - GNI » Polycarbonate Lens & ABS Hous » Epoxy Encapsulated Electronics » Hard Wired with Bullet Terminals » Mounting Holes 4.8" Center to C » DOT SAE, P2PC 	Freightliner® Coronado 9700 000 ing

Freightliner® 3-Wire Teardrop Side Turn Marker





International® Side Turn Marker



HD63514Y 14 LED

Specifications

LED:	SMD
COLOR:	Amber
DIMENSION:	5.96" x 2.76" x 2.47"
VOLT RANGE:	7.5 - 14 VDC
AMP DRAW:	180mA
IP RATING:	65



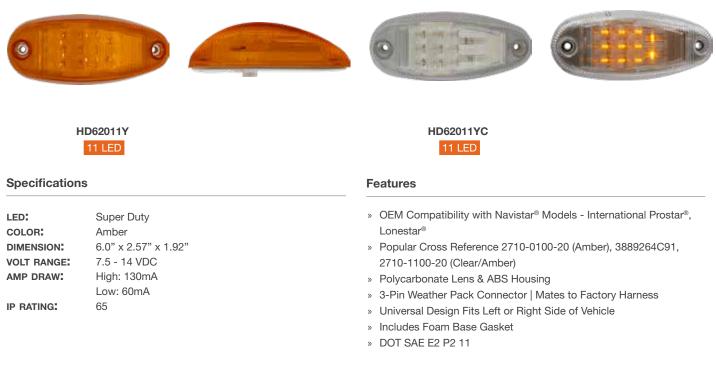




Features

- » OE Cross Prostar, Durastar 08-14-3599250C92
- » Impact Resistant Polycarbonate Lens
- » ABS Housing
- » 3-Pin Factory Connector | Mates to Factory Harness
- » Conformally Coated Electronics
- » DOT SAE

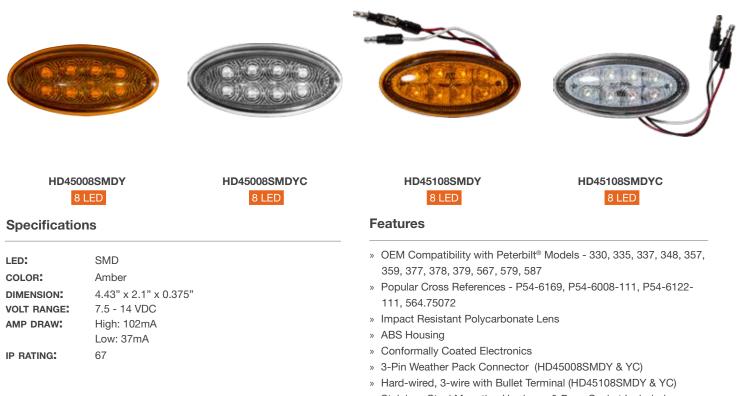
International® Side Turn Marker



Peterbilt® Park Turn Marker Assembly

	5031YSD 1 LED ns	HD65031YCSD 31 LED Features	
LED: COLOR: DIMENSION: VOLT RANGE: AMP DRAW:	Super Duty Amber 6.59" x 3.12" x 5.12" 9.5 - 14 VDC High: 250mA Low: 100mA :	 » OEM Compatibility with Peterbilt® Models 357, 359, 365, 367, 378, 379 » Polycarbonate Lens & Chromed ABS Housing » Epoxy Encapsulated Electronics Sealed for Moisture Protection » 3-wire with Bullet Terminal Connectors » Factory Color-Coded Wires » 21 Super Duty Forward Facing LEDs » 4 Super Duty Traffic Facing LEDs » 6 Super Duty Rear Facing LEDs 	

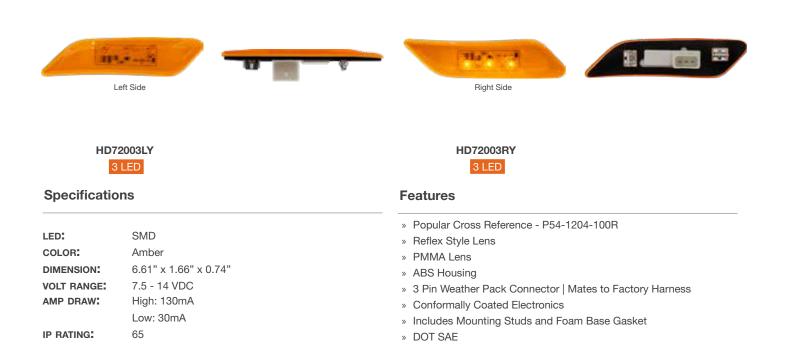
Peterbilt[®] Side Turn Marker



» Stainless Steel Mounting Hardware & Base Gasket Included



Kenworth® Side Turn Marker



Peterbilt [®]	Side	Turn	Marker
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Specifications		Features	
LED	SMD	» OEM Compatibility with PACCAR® P54-6147, P54-	
COLOR	Amber	1212-100 Left, P54-6147R, P54-1212-100R Right	
DIMENSION	7.57" x 2.10" x 1.75"	» Impact Resistant Polycarbonate Lens	
VOLT RANGE	7.5 - 14 VDC	» ABS Housing	Constanting the second second
AMP DRAW	High: 150mA	» Reflex Lens	Left & Right Side
	Low: 60mA	» Sealed Circuit Board	
IP RATING	65	» 3-Pin Weather Pack Connector Mates to Factory	
		Harness	
		» DOT SAE E2 A3 P3	And a second

HD82003LY | HD82003RY 3 LED

Specifications

LED:	SMD
COLOR:	Amber
DIMENSION:	5.16" x 1.26" x 0.56"
VOLT RANGE:	7.5 - 14 VDC
AMP DRAW:	20mA
	65

Features

»	OEM Compatibility with Kenworth T880
»	Popular Cross References: P54-61165
»	PMMA Reflex Lens & ABS Housing
»	2-Pin Deutsch Style Factory Connector
»	Conformally Coated Electronics
»	DOT SAE A2 01

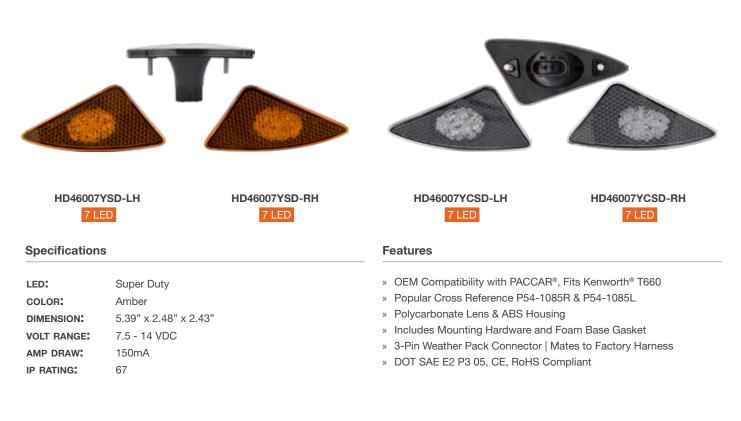
Kenworth® T880 Side Marker | 2018+



Kenworth® Side Turn Marker

			COCORDO Mith Chrome Bezel
	3503YSMD 3 LED s	HD63503YCSMD 3 LED	HD63503YCSMD-C 3 LED Features
LED: COLOR: DIMENSION: VOLT RANGE: AMP DRAW: IP:	SMD Amber 6.34" x 2.13" x 1. 7.5 - 14 VDC High: 60mA Low: 20mA 67	67"	 » OEM Compatibility with PACCAR[®], Fits Certain Kenworth[®] (T680, T880) and Peterbilt[®] Models » Popular Cross References P54-1211R, P554-1211L, P554-1287, P54-6146 & 1-INJ-1159-000 » Polycarbonate Lens & ABS Housing » 3-Pin Weather Pack Connector Mates to Factory Harness » Includes Screws/Foam Base Gasket » Vacuum Chrome Diode Surround » DOT SAE P2 P3, CE, RoHS Compliant

Kenworth® Fender Marker





Volvo® Side Marker

	Left Side	Right Side
	HD83014LY	HD83014RY
	14 LED	14 LED
Specification	s	Features
LED	SMD	» Volvo® VNL (2018+)
COLOR	Amber	» PMMA Reflex Lens
DIMENSION	8.35" x 1.35" x 1.53"	» ABS Housing
VOLT RANGE	7.5 - 14 VDC	» Includes Mounting Studs
AMP DRAW	High: 130mA	» Mounting Studs 5.96" on Center
	Low: 60mA	» Conformally Coated Electronics
IP RATING	65	» 2-Pin Weather Pack Connector Mates to Factory Harness
		» DOT SAE E2 P2 14

Volvo VNL Side Marker | 2018+



HD63104YC 12 LED

Specifications

LED:	SMD
COLOR:	Amber
DIMENSION:	6.33" x 1.43" x 1.54"
VOLT RANGE:	7.5 - 14 VDC
AMP DRAW:	15mA
IP:	65

Features

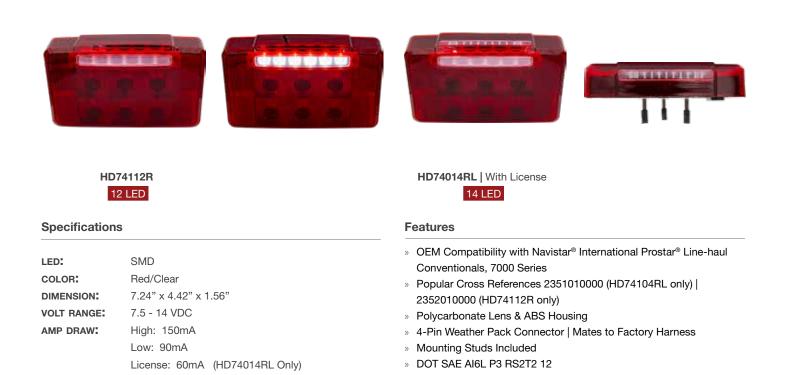
- » Popular Cross References: 23770213
- » PMMA Lens
- » ABS Housing
- » 2-Pin Weather Pack Connector
- » Conformally Coated Electronics
- » Includes Mounting Screws
- » DOT SAE A2 01

Volvo® VNL Side Marker (2018+)



LED STOP TAIL & PARK TURN LIGHTS

International® 4" & 6" Combination with Backup



FIRST LIGHT. LAST MILE.

HDL solutions are on roads all across America

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