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Lighting

Beehive

Pro-Par

Beehive Marker/Clearance

2.00 in. Round LED

Type	Color	
Lamp	Red	PROLED20-8RBH
Lamp	Amber	PROLED20-8ABH



(PROLED20-8RBH)



(PROLED20-8ABH)

Slim-Line
.180 Male Bullet

Accessories

Pigtail
TRU94964

Beehive Marker/Clearance

2.50 in. Round LED

Type	Color	
Lamp	Red	PROLED25-10RBH
Lamp	Amber	PROLED25-10ABH



(PROLED25-10RBH)



(PROLED25-10ABH)

Slim-Line
.180 Male Bullet

Accessories

Pigtail
TRU94964

Truck-Lite

Model 30 Beehive Sealed

2.00 in. Round

Type	Color	
Lamp	Red	TRU30201R
Lamp	Yellow	TRU30201Y



(TRU30201R)



(TRU30201Y)

PL-10

Model 30 Beehive

2.00 in. Round LED / P2, Fit 'N Forget

Type	Color	
Lamp	Red	TRU30276R
Lamp	Yellow	TRU30276Y



(TRU30276R)



(TRU30276Y)

Fit 'N Forget
M/C
No Plug

Accessories

Pigtail
TRU93745

Signal-Stat Beehive Sealed

2.00 in. Round LED / P2

Type	Color	
Lamp	Red	TRU3075
Lamp	Yellow	TRU3075A



(TRU3075)



(TRU3075A)

PL-10

Signal-Stat Beehive Sealed

2.50 in. Round LED / P2, PL-10

Type	Color	
Lamp	Red	TRU1075
Lamp	Yellow	TRU1075A



(TRU1075)



(TRU1075A)

PL-10

Harnesses

See Electrical Section

Cab Makers

LHT



Beehive

Truck-Lite

**Model 10 Beehive Sealed
2.50 in. Round**

Type	Color	
Lamp	Red	TRU10203R
Lamp	Yellow	TRU10203Y



(TRU10203R)



(TRU10203Y)

PL-10

Accessories

Bracket
TRU10708

**Model 10 Beehive Sealed
2.50 in. Round LED, P2**

Type	Color	
Lamp	Red	TRU10276R
Lamp	Yellow	TRU10276Y



(TRU10276R)



(TRU10276Y)

PL-10

Accessories

Pigtails
TRU94964

Miscellaneous Cab Markers

Grote

**SuperNova Surface Mount
6.00 in. x 1.88 in. Oval LED**

Type	Color	
Lamp	Yellow	GRT53493



Accessories

Pigtails
GRT66900
GRT66904
GRT66905

Truck-Lite

**25 Series Sealed Marker
4.73 in. x 2.42 in. Rectangle LED**

Type	Color	
Lamp	Red	TRU25250R
Lamp	Yellow	TRU25250Y



(TRU25250R)



(TRU25250Y)

Hardwired

Accessories

Gasket
TRU97701

More Information

Causes of Lighting Failure

Corrosion:

Water, dirt, salt and other road contaminants can enter a light or connector, providing an electrical path which can vastly accelerate corrosion.

Shock, Vibration & Burnout:

Constant road pounding experiences when a trailer is traveling down a highway can cause filaments in a bulb to distort and prematurely break.

Inadequate Wiring & Cable:

Use of a wire gauge too small can lead to dim or intermittent operation, excessive voltage drop and present a potential fire hazard.

Excess Voltage:

Voltage spikes as a result of load dumps. Sources of such load dumps could be starting the engine with the light on, heavy draw electrical devices, and turning units off.

Cab Markers

LHT

Truck-Lite

Grote

Lighting

2-Bulb

Grote

Duramold 2-Bulb Square

4.00 in. x 2.00 in. Rectangle

Type	Color	
Lamp	Red	GRT46792
Lamp	Yellow	GRT46793



(GRT46792)



(GRT46793)

With Attached
Blunt Cut Pigtail

Accessories

Pigtail
GRT67120

Peterson

Double Bulls-Eye

4.00 in. x 2.00 in. Rectangle

Type	Color	
Lamp	Red	PETM138R
Lamp	Amber	PETM138A



(PETM138R)



(PETM138A)

Pro-Par

Rectangular Double Bulls-Eye

2.03 in. x 4.05 in. Rectangle LED

Type	Color	
Lamp	Red	PROLED4020-2R
Lamp	Amber	PROLED4020-2A



(PROLED4020-2R)



(PROLED4020-2A)

UBLights

Bullseye Double Bulb

4.00 in. x 2.00 in. Rectangle / P2

Type	Color	
Lamp	Red	LHTML2040R
Lamp	Amber	LHTML2040A



(LHTML2040R)



(LHTML2040A)

Single Wire

Truck-Lite

Shock/Mount Permastat

4.00 in. x 2.00 in. Rectangle 2-Bulb

Type	Color	
Lamp	Red	TRU1211
Lamp	Yellow	TRU1211A



(TRU1211)



(TRU1211A)

Hardwired
Blunt Cut

Accessories

Lens
Red TRU9007
Yellow TRU9007A

Signal-Stat Rectangle LED

4.05 in. x 2.03 in.

Type	Color	
Red Lamp w/Red Lens	Red	TRU2660
Yellow Lamp w/Yellow Lens	Yellow	TRU2660A



(TRU2660)



(TRU2660A)

Hardwired
Blunt Cut

Accessories

Lens
Red TRU99238R
Yellow TRU99238Y

Grote

PETERSON

LHT

pro-par
LED 2-Bulb Double

Trucklite

Clearance / Marker

Flex-Lite

36 Series Flex-Lite Non-Winged

1.53 in. x 0.75 in. Rectangle LED

Exit Wire	Type	Color	
Rear	Lamp	Red	TRU36115R
Rear	Lamp	Yellow	TRU36115Y



(TRU36115R)



(TRU36115Y)

36 Series Flex-Lite Winged

3.96 in. x 0.75 in. Rectangle LED

Exit Wire	Type	Color	
Side	Lamp	Red	TRU36100R
Side	Lamp	Yellow	TRU36100Y



(TRU36100R)



(TRU36100Y)

36 Series Flex-Lite Winged

3.95 in. x 0.76 in. Rectangle LED

Type	Color	
Lamp	Red	TRU36213R



36 Series Flex-Lite Dual Function

1.89 in. x 0.75 in. Rectangle LED

Exit Wire	Type	Color	
Rear	Lamp	Red	TRU36203R
Rear	Lamp	Yellow	TRU36203Y



(TRU36203R)



(TRU36203Y)

Oval

Aerodynamic Combination

5.94 in. x 2.25 in. Oval

Type	Body Color	Color	
Lamp	White	Yellow	GRT52063



Chassis Ground
Slim-Line .180
Male

Accessories

Pigtail
GRT66905

Grote

Duramold 2-Bulb

4.00 in. x 2.00 in. Oval

Type	Color	
Lamp	Red	GRT45262
Lamp	Yellow	GRT45263



(GRT45262)



(GRT45263)

Slim-Line .180
Male

Accessories

Lens
Red GRT91572
Yellow GRT91573
Pigtail
GRT67120

Clearance / Marker

LHT

Truck-Lite

Grote

Lighting

Oval

Grote

MicroNova Marker

1.94 in. x 1.09 in. Oval LED

Type	Color	
Lamp	Red	GRT47972
Lamp	Yellow	GRT47973



(GRT47972)

(GRT47973)

Peterson

Piranha LED

6.63 in. x 2.25 in. Oval LED

Includes	Type	Color	
Chrome Bezel + Lamp	Lamp	Red	PETV178XR
Chrome Bezel + Lamp	Lamp	Amber	PETV178XA



(PETV178XR)

(PETV178XA)

Hardwired

Phillips

Low Profile BoardFree®

3.87 in. Oval LED

Type	Color	
Lamp	Red	PHI51-18312
Lamp	Yellow	PHI51-18313



(PHI51-18312)

(PHI51-18313)

Male 2 Pin AMP Connector

Surface Mount Mid Turn

6.50 in. Oval

Type	Color	
Lamp	Amber	PHI51-60303



Truck-Lite

Shock/Mount Signal-Stat

4.00 in. x 2.00 in. Oval

Type	Color	
Lamp	Red	TRU1259
Lamp	Yellow	TRU1259A



(TRU1259)

(TRU1259A)

Hardwired Stripped End

Accessories

Lens	
Red	TRU9093
Yellow	TRU9093A

Grote

PETERSON

LHT

PHILIPS

Trucklite

Clearance / Marker

Rectangular

Grote

SuperNova Thin-Line

3.84 in. x 0.88 in. Rectangle LED

	Color	Type	Volts	Addtl Info
GRT47242	Red	Lamp	12	Slim-Line .180 Male
GRT47243	Yellow	Lamp	12	Slim-Line .180 Male
GRT47462	Red	Lamp	24	Slim-Line .180 Male
GRT47463	Yellow	Lamp	24	Slim-Line .180 Male
GRT78453	Yellow ABS	Lamp	12	Slim-Line .180 Male



Accessories

Pigtail
GRT66930
GRT66931
GRT66932

SuperNova Thin-Line

5.31 in. x 0.88 in. Rectangle LED

	Lens Color	Body Color	Type	Addtl Info
GRT46902	Red	White	Lamp	Slim-Line .180 Male
GRT46903	Yellow	White	Lamp	Slim-Line .180 Male
GRT46922	Red	Red	Lamp	Slim-Line .180 Male
GRT46933	Yellow	Yellow	Lamp	Slim-Line .180 Male



Accessories

Pigtail
GRT66930
GRT66931
GRT66932

SuperNova Dual-Intensity

3.84 in. x 0.88 in. Rectangle LED

Type	Color	
Lamp	Red	GRT49252
Lamp	Yellow	GRT49253



Slim-Line .180 Male

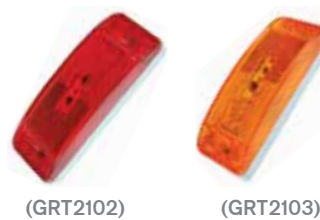
Accessories

Pigtail
GRT66870

Hi Count Turtleback

5.88 in. x 2.00 in. Rectangle LED

Type	Color	
Lamp	Red	GRT2102
Lamp	Yellow	GRT2103



Molded Bullet with Chassis Ground - Ring Terminal Connection

Accessories

Bracket
GRT43050

Clearance / Marker

LHT

Lighting

Rectangular

Grote

Field Resealable Turtleback II

5.88 in. x 2.00 in. Rectangle

	Color	Type	Addtl Info
GRT46802	Red	Optic Lamp	Chassis Ground, Slim-Line .180 Male
GRT46803	Yellow	Optic Lamp	Chassis Ground, Slim-Line .180 Male
GRT46862	Red	Reflective Lamp	Chassis Ground, Slim-Line .180 Male
GRT46863	Yellow	Reflective Lamp	Chassis Ground, Slim-Line .180 Male



(GRT46802)



(GRT46803)



(GRT46862)



(GRT46863)

Accessories

Bracket
GRT43050

Pigtail
GRT66910
GRT66911
GRT67070
GRT67071

Sealed Turtleback II

5.88 in. x 2.00 in. Rectangle

	Color	Type	Addtl Info
GRT46832	Red	Optic Lamp	Chassis Ground, Slim-Line .180 Male
GRT46833	Yellow	Optic Lamp	Chassis Ground, Slim-Line .180 Male
GRT78363	Yellow ABS	Optic Lamp	Chassis Ground, Slim-Line .180 Male
GRT46872	Red	Reflective Lamp	Chassis Ground, Slim-Line .180 Male
GRT46873	Yellow	Reflective Lamp	Chassis Ground, Slim-Line .180 Male



(GRT46832)



(GRT46833)



(GRT78363)



(GRT46872)



(GRT46873)

Accessories

Bracket
GRT43050

Pigtail
GRT66910
GRT66911
GRT67070
GRT67071

SuperNova Turtleback II

5.88 in. x 2.00 in. Rectangle LED

	Color	Type	Addtl Info
GRT47072	Red	Reflective Lamp	Chassis Ground, Slim-Line .180 Male
GRT47073	Yellow	Reflective Lamp	Chassis Ground, Slim-Line .180 Male
GRT47162	Red	Optic Lamp, PC Rated	Chassis Ground, Slim-Line .180 Male
GRT47163	Yellow	Optic Lamp, PC Rated	Chassis Ground, Slim-Line .180 Male
GRT54003	Yellow	Optic Lamp, PC Rated, Dual Intensity	Slim-Line .180 Male



(GRT47072)



(GRT47073)



(GRT47162)



(GRT47163)

Accessories

Bracket
GRT43050

Clearance / Marker

LHT

Grote

Rectangular

Grote

Sealed Sentry Combination

5.88 in. x 2.00 in. Rectangle

Type	Base Color	Color	
Lamp	White	Red	GRT53062
Lamp	White	Yellow	GRT53063



(GRT53062)



(GRT53063)

Chassis Ground
Slim-Line .180
Male

Accessories

Pigtail
GRT66905

Peterson

Thinline Clearance & Side Marker

3.45 in. x 0.46 in. Rectangle

Type	Color	
Kit	Red	PETV167KR
Kit	Amber	PETV167KA



(PETV167KR)



(PETV167KA)

Kit Includes 167
Light, Mounting
Bracket and
167-49 Plug

Peterson

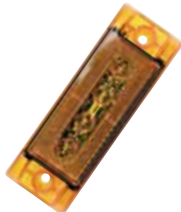
Oblong With Reflex

4.18 in. x 2.00 in. Rectangle

Type	Color	
Lamp	Red	PETM135R
Lamp	Amber	PETM135A



(PET135R)



(PET135A)

Single Wire
Connection

Pro-Par

Sealed Rectangular LED

Type	Color	
Lamp	Red	PROLED2612-1R
Lamp	Amber	PROLED2612-1A



(PROLED2612-1R)



(PROLED2612-1A)

Accessories

Pigtail
TRU94964

Rectangular LED

6.00 in. x 2.00 in.

Type	Color	
Lamp	Red	PROLED6020-3R
Lamp	Amber	PROLED6020-3A



(PROLED6020-3R)



(PROLED6020-3A)

Pro-Par

Sealed Rectangular LED

3.90 in. x 1.25 in.

Type	Color	
Lamp	Red	PROLED3912-2R
Lamp	Amber	PROLED3912-2A



(PROLED3912-2R)



(PROLED3912-2A)

Clearance / Marker



LHT

PETERSON



Lighting

Rectangular

Truck-Lite

Model 15 Sealed

2.49 in. x 1.20 in. Rectangle LED

Type	Color	
Lamp	Red	TRU15250R
Lamp	Yellow	TRU15250Y



(TRU15250R)

(TRU15250Y)

PL-10

Signal-Stat Sealed

2.49 in. x 1.20 in. Rectangle LED

Type	Color	
Lamp	Red	TRU1560
Lamp	Yellow	TRU1560A



(TRU1560)

(TRU1560A)

PL-10
No Plug

Model 15 Sealed

2.49 in. x 1.20 Rectangle

	Color	Type	Addtl Info
TRU15200R	Red	Lamp	PL-10, No Plug
TRU15200Y	Yellow	Lamp	PL-10, No Plug
TRU15203Y	Yellow ABS	Lamp	PL-10, No Plug



(TRU15200R)

(TRU15200Y)

(TRU15203Y)

Accessories

Pigtail
TRU94924

Model 19 Sealed

3.78 in. x 1.23 in. Rectangle

	Color	Type	Addtl Info
TRU19200R	Red	Lamp	19 Series Male Pin, No Plug
TRU19200Y	Yellow	Lamp	19 Series Male Pin, No Plug
TRU19205Y	Yellow ABS	Lamp	19 Series Male Pin, No Plug
TRU19002R	Red	Kit	Lamp TRU19200R + Gray Mount TRU19721; Hardwired, Stripped End
TRU19002Y	Yellow	Kit	Lamp TRU19200Y + Gray Mount TRU19721; Hardwired, Stripped End



(TRU19200R)

(TRU19200Y)

(TRU19205Y)

(TRU19002R)

(TRU19002Y)

Accessories

Mount
TRU19721

Definition

Electric Term

Volt:

Unit of measurement applied to the difference in electrical potential between two points; that is, the potential for electricity to flow.

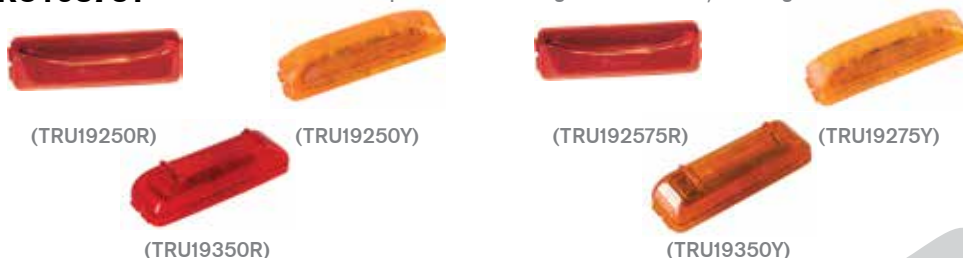
Rectangular

Truck-Lite

Model 19 Sealed LED

3.78 in. x 1.23 in. Rectangle

	Color	Type	Connections	Addtl Info
TRU19250R	Red	Lamp	Standard	19 Series Male Pin, No Plug
TRU19250Y	Yellow	Lamp	Standard	19 Series Male Pin, No Plug
TRU19275R	Red	Lamp	Standard	PC Rated; 19 Series Male Pin, No Plug
TRU19275Y	Yellow	Lamp	Standard	PC Rated; 19 Series Male Pin, No Plug
TRU19350R	Red	Lamp	Fit 'N Forget	No Plug
TRU19350Y	Yellow	Lamp	Fit 'N Forget	No Plug
TRU19375R	Red	Lamp	Fit 'N Forget	PC Rated; No Plug
TRU19375Y	Yellow	Lamp	Fit 'N Forget	PC Rated; No Plug



Accessories

Mount
TRU19721

Fit 'N Forget Pigtail
TRU94718

Model 35 Slim Sealed

4.00 in. x 0.75 in. Rectangle LED

	Color	Type	Addtl Info
TRU35200R	Red	Lamp	Fit 'N Forget M/C, No Plug
TRU35200Y	Yellow	Lamp	Fit 'N Forget M/C, No Plug
TRU35001R	Red	Kit	Lamp TRU35200R + Pigtail TRU94862
TRU35001Y	Yellow	Kit	Lamp TRU35200Y + Pigtail TRU94862



Accessories

Pigtail
TRU94862

Model 35 Combo Sealed

4.00 in. x 1.16 in. Rectangle LED

	Color	Type	Addtl
TRU35375R	Red	Lamp	Fit 'N Forget M/C, No Plug
TRU35375Y	Yellow	Lamp	Fit 'N Forget M/C, No Plug
TRU35075R	Red	Kit	Lamp TRU35375R + Pigtail TRU94862
TRU35075Y	Yellow	Kit	Lamp TRU35375Y + Pigtail TRU94862



Accessories

Pigtail
TRU94862

Clearance / Marker

LHT

Lighting

Rectangular

Truck-Lite

Signal-Stat Rectangle

3.91 in. x 1.22 in. Rectangle LED

Type	Color	
Lamp	Red	TRU1960
Lamp	Yellow	TRU1960A



(TRU1960)



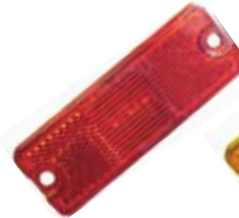
(TRU1960A)

Male Pin
No Plug

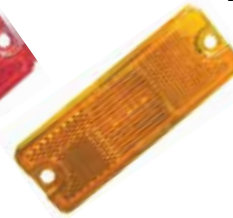
18 Series Sealed OmniVolt

4.50 in. x 1.63 in. Rectangle LED

Type	Color	
Lamp	Red	TRU18050R
Lamp	Yellow	TRU18050Y



(TRU18050R)



(TRU18050Y)

Hardwired
Blunt Cut

Male Pin 21 Rectangle

5.88 in. x 2.02 in. Rectangle

	Color	Type	Addtl Info
TRU29202R	Red	Lamp	Male Pin, No Plug
TRU29202Y	Yellow	Lamp	Male Pin, No Plug
TRU29203R	Red	Reflective Lamp	Male Pin, No Plug
TRU29203Y	Yellow	Reflective Lamp	Male Pin, No Plug



(TRU29202R)



(TRU29202Y)



(TRU29203R)



(TRU29203Y)

Signal-Stat Sealed, Reflectorized

6.00 in. x 2.00 in. Rectangle LED

Type	Color	
Lamp	Red	TRU2150
Lamp	Yellow	TRU2150A



(TRU2150)



(TRU2150A)

Hardwired
Stripped End

26 Series Dome Lens & Surface Mount

4.75 in. x 2.00 in. Rectangle LED

Type	Color	
Lamp	Red	TRU26270R
Lamp	Yellow	TRU26270Y



(TRU26270R)



(TRU26270Y)

Hardwired
.180 Bullet

Definition

Electric Term

Wire Size:

Conductors that carry the electricity to lighting are measured according to the American Wire Gage. The size of wires is important to allow the proper flow of electrons and prevent overheating.

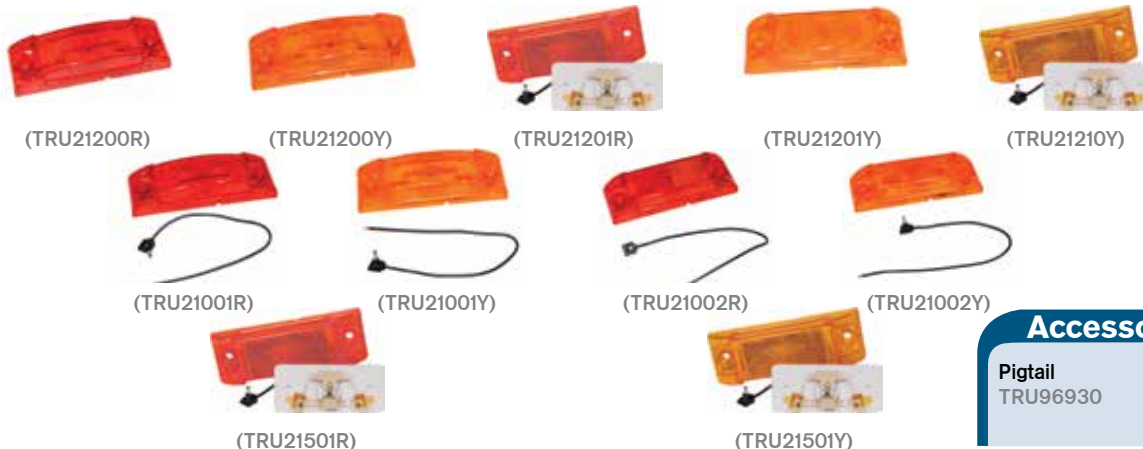
Rectangular

Truck-Lite

Super 21 Sealed

6.00 in. x 2.03 in. Rectangle

	Color	Type	Addtl Info
TRU21200R	Red	Lamp	Super 21 Plug Connection, No Plug
TRU21200Y	Yellow	Lamp	Super 21 Plug Connection, No Plug
TRU21201R	Red	Reflective Lamp	Super 21 Plug Connection, No Plug
TRU21201Y	Yellow	Reflective Lamp	Super 21 Plug Connection, No Plug
TRU21210Y	Yellow ABS	Lamp	Super 21 Plug Connection, No Plug
TRU21001R	Red	Kit	Lamp TRU21200R + Pigtail TRU96930
TRU21001Y	Yellow	Kit	Lamp TRU21200Y + Pigtail TRU96930
TRU21002R	Red	Reflective Kit	Lamp TRU21201R + Pigtail TRU96930
TRU21002Y	Yellow	Reflective Kit	Lamp TRU21201Y + Pigtail TRU96930
TRU21501R	Red	Reflective Kit	Lamp TRU21203R + Bracket TRU21720 + Pigtail TRU94914 & TRU96815
TRU21501Y	Yellow	Reflective Kit	Lamp TRU21203Y + Bracket TRU21720 + Pigtail TRU94914 & TRU96815



Accessories

Pigtail
TRU96930

Model 21 Sealed PC Rated

6.00 in. x 2.03 in. Rectangle LED

	Color	Type	Addtl Info
TRU21275R	Red	Lamp	Fit 'N Forget M/C, No Plug
TRU21275Y	Yellow	Lamp	Fit 'N Forget M/C, No Plug
TRU21075R	Red	Kit	TRU94862 Pigtail + TRU21275R Lamp
TRU21075Y	Yellow	Kit	TRU94862 Pigtail + TRU21275Y Lamp



Accessories

Pigtail
TRU94862

Clearance / Marker

LHT

Lighting

Rectangular

Truck-Lite

Model 21 Sealed w/Reflex

6.00 in. x 2.03 in. Rectangle LED

	Color	Type	Addtl Info
TRU21251R	Red	Lamp	Fit 'N Forget M/C, No Plug
TRU21251Y	Yellow	Lamp	Fit 'N Forget M/C, No Plug
TRU21051R	Red	Lamp	Lamp TRU21251R + TRU94862
TRU21051Y	Yellow	Lamp	Lamp TRU21251Y + TRU94862

Accessories

Pigtail
TRU94862



(TRU21051Y)



(TRU21051R)



(TRU21251Y)



(TRU21251R)

Clearance / Marker

21 Series Sealed

6.00 in. x 2.03 in. Rectangle LED

Type	Color	
Kit	Yellow	TRU21096Y



Hardwired
AMP 282105-1

Includes: 21290Y lamp, 97047 mounting gasket + 95918 hardware bag + harness

Model 14 Sealed

2.88 in. x 1.94 in. Rectangle

Includes	Type	Color	
Housing	Lamp	Red	TRU14200R
Housing	Lamp	Yellow	TRU14200Y



(TRU14200R)



(TRU14200Y)

PL-10
No Plug

LHT

UBLights

Rectangle Sealed Lamp

4.00 in. x 0.88 in. Rectangle

Type	Color	
Lamp	Red	LHTSI1040R
Lamp	Amber	LHTSI1040A



(LHTSI1040R)



(LHTSI1040A)

Pigtails

See Electrical Section

Marker

538

800.621.7949

= Key Items

www.AuroraParts.com

2 in. Round

MicroNova

1.94 in. x 1.09 in. LED

Includes	Type	Color	
Grommet + Lamp	Kit	Red	GRT47962
Grommet + Lamp	Kit	Yellow	GRT47963



(GRT47962) (GRT47963)

Accessories

Bracket
GRT43690

Grote
Sealed

2.00 in. Round

Type	Color	
Lamp	Red	GRT45822
Lamp	Yellow	GRT45823



(GRT45822) (GRT45823)

Accessories

Grommet
GRT92120, GRT93760,
GRT92150

Pigtail
GRT67001, GRT66850,
GRT66851, GRT66801,
GRT67050, GRT66840,
GRT66800

SuperNova Round

2.00 in. Round LED

Type	Color	
Lamp	Red	GRT47112
Lamp	Yellow	GRT47113



(GRT47112) (GRT47113)

Accessories

Grommet
GRT92120, GRT93760,
GRT43430, GRT92150

Pigtail
GRT67001, GRT66850,
GRT66851, GRT66801,
GRT67050, GRT66840,
GRT66800

Hi Count® 9 Diode

2.00 in. Round LED

Type	Color	
Lamp	Red	GRTG3002
Lamp	Yellow	GRTG3003



(GRTG3002) (GRTG3003)

Accessories

Grommet
GRT92120, GRT93760,
GRT92150

Pigtail
GRT67001, GRT66850,
GRT66851, GRT66801,
GRT67050, GRT66840,
GRT66800

Peterson

190 Single Diode with Reflex

2.00 in. Round LED

Type	Color	
Lamp	Red	PETM190FR
Lamp	Amber	PETM190FA



(PETM190FR) (PETM190FA)

Accepts Industry
Standard 2-Wire
Plug

Accessories

Retaining Clip
PETB162-093

Clearance / Marker

LHT

Grote

PETERSON

Lighting

2 in. Round

Pro-Par

2.00 in. Round LED

	Color	Type	Addtl Info
PROLED20-8R	Red	Lamp	PL-10
PROLED20-8A	Amber	Lamp	PL-10
PROLED20-8RCL	Red	Red Lamp w/Clear Lens	PL-10
PROLED20-8ACL	Amber	Amber Lamp w/Clear Lens	PL-10



(PROLED20-8R)



(PROLED20-8A)



(PROLED20-8RCL)



(PROLED20-8ACL)

Accessories

Pigtail
TRU94964

Optronics

MCL52/54 Series Sealed

2.06 in. Round LED

Includes	Type	Color	
Flange Mount + weathertight connection	Kit	Red	OPTMCL52RMB
	Kit	Yellow	OPTMCL52AMB



(OPTMCL52RMB)



(OPTMCL52AMB)

PL-10

ABS Warning Marker Sealed

2.00 in. Round

Type	Color	
Kit	Yellow	OPTMC53ABS



PL-10

Truck-Lite

Model 30 Sealed

2.00 in. Round

Direction	Type	Color	
Horizontal	Lamp	Yellow ABS	TRU30230Y
Vertical	Lamp	Yellow ABS	TRU30257Y



(TRU30230Y)



(TRU30257Y)

PL-10
No Plug

Accessories

Pigtail
TRU94902

Model 30 Sealed

2.00 in. Round

Type	Color	
Lamp	Red	TRU30200R
Lamp	Yellow	TRU30200Y



(TRU30200R)



(TRU30200Y)

PL-10
No Plug

Accessories

Pigtail
TRU94902

pro-par
Over Heavy Duty Parts

Clearance / Marker

LHT

Optronics

Truck-Lite

2 in. Round

Truck-Lite

Model 30 Flange Sealed

2.00 in. Round

	Color	Mounting	Packaging	Addtl Info
TRU30221R	Red	Flush	-	PL-10
TRU30221R-UB	Red	Flush	Unbagged	PL-10
TRU30221Y	Yellow	Flush	-	PL-10
TRU30221Y-UB	Yellow	Flush	Unbagged	PL-10
TRU30222R	Red	Surface	-	PL-10
TRU30222Y	Yellow	Surface	-	PL-10



(TRU30221R / TRU30221R-UB)



(TRU30221Y / TRU30221Y-UB)



(TRU30222R)



(TRU30222Y)

Model 30 Low Profile Sealed

2.01 in. Round LED

	Color	Type	Addtl Info
TRU30270R	Red	Lamp	Fit 'N Forget M/C, No Plug
TRU30270Y	Yellow	Lamp	Fit 'N Forget M/C, No Plug
TRU30272R	Red	Flange-Kit	Gray Flange + TRU30270R Lamp
TRU30272Y	Yellow	Flange-Kit	Gray Flange + TRU30270Y Lamp



(TRU30270R)



(TRU30270Y)



(TRU30272R)



(TRU30272Y)

Accessories

Grommet
TRU30700

Pigtail
TRU93745

Model 30 Low Profile PC Rated

2.25 in. Round LED

	Color	Type	Connection	Includes
TRU30285R	Red	Lamp	Standard	
TRU30285Y	Yellow	Lamp	Standard	
TRU30385R	Red	Lamp	Fit 'N Forget	
TRU30385Y	Yellow	Lamp	Fit 'N Forget	
TRU30386R	Red	Flange-Kit	Fit 'N Forget	Gray Flange + TRU30385R Lamp
TRU30386Y	Yellow	Flange-Kit	Fit 'N Forget	Gray Flange + TRU30385Y Lamp



(TRU30285R)



(TRU30386R)



(TRU30285Y)



(TRU30385R)



(TRU30386Y)



(TRU30385Y)

Accessories

Grommet
TRU30700

Standard Pigtail
TRU94964
Fit 'N Forget Pigtail
TRU93745

Clearance / Marker

LHT

Lighting

2 in. Round

Truck-Lite

Model 30 Sealed

2.01 in. Round LED

	Color	Type	Addtl Info
TRU30250R	Red	Lamp	Fit 'N Forget M/C, No Plug
TRU30250Y	Yellow	Lamp	Fit 'N Forget M/C, No Plug
TRU30051R	Red	Flange-Kit	TRU93745 Pigtail + Gray Flange + TRU30250R Lamp
TRU30051Y	Yellow	Flange-Kit	TRU93745 Pigtail + Gray Flange + TRU30250Y Lamp
TRU30251R	Red	Flange-Kit	Gray Flange + TRU30250R Lamp
TRU30251Y	Yellow	Flange-Kit	Gray Flange + TRU30250Y Lamp
TRU30271Y	Yellow ABS	Flange-Kit	Gray Flange + TRU30271Y Lamp
TRU30050R	Red	Grommet-Kit	TRU30700 Grommet + TRU30250R Lamp
TRU30050Y	Yellow	Grommet-Kit	TRU30700 Grommet + TRU30250Y Lamp



(TRU30250R)



(TRU30250Y)



(TRU30051R)



(TRU30051Y)



(TRU30251R)



(TRU30251Y)



(TRU30271Y)



(TRU30050R)



(TRU30050Y)

Accessories

Grommet
TRU30700

Pigtail
TRU93745

Clearance / Marker

LHT

Trucklite

Model 30 High Profile PC Rated

2.24 in. Round LED

	Color	Type	Connection	Includes
TRU30275R	Red	Lamp	Standard	
TRU30275Y	Yellow	Lamp	Standard	
TRU30279R	Red	Flange-Kit	Standard	Lamp TRU30275R + Gray Flange
TRU30279Y	Yellow	Flange-Kit	Standard	Lamp TRU30275Y + Gray Flange
TRU30375R	Red	Lamp	Fit 'N Forget	
TRU30375Y	Yellow	Lamp	Fit 'N Forget	



(TRU30275R)



(TRU30275Y)



(TRU30279R)



(TRU30279Y)



(TRU30375R)



(TRU30375Y)

Accessories

Grommet
TRU30700

Standard Pigtail
TRU94964

Fit 'N Forget Pigtail
TRU93745

Marker

542

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= Key Items

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2 in. Round

Truck-Lite Signal-Stat Round

2.00 in. Round LED

Type	Color	
Lamp	Red	TRU3050
Lamp	Yellow	TRU3050A



(TRU3050) (TRU3050A)

PL-10
No Plug

Accessories

Pigtail
TRU94964

UBLights

Round Sealed Lamp

2.00 in. Round

Type	Color	
Lamp	Red	LHTSI2000R
Lamp	Amber	LHTSI2000A



(LHTSI2000R) (LHTSI2000A)

Accessories

Grommet
LHTGR2000
Pigtail
LHTPT6020

2-1/2 in. Round

SuperNova Round

2.5 in. Round LED

Type	Color	
Lamp	Red	GRT47122
Lamp	Yellow	GRT47123



(GRT47122) (GRT47123)

Accessories

Grommet
GRT91400, GRT91410,
GRT91880, GRT91890,
GRT92070
Pigtail
GRT67001, GRT66850,
GRT66851, GRT66801,
GRT67050, GRT66840,
GRT66800

Grote SuperNova Round PC Rated

2.50 in. Round LED

Type	Color	
Lamp	Red	GRT47232
Lamp	Yellow	GRT47233



(GRT47232) (GRT47233)

Accessories

Grommet
GRT91400, GRT91410,
GRT91880, GRT91890,
GRT92070
Pigtail
GRT67001, GRT66850,
GRT66851, GRT66801,
GRT67050, GRT66840,
GRT66800

Peterson

Model 30 Low Profile Sealed

2.01 in. Round LED

	Color	Type	Addtl Info
PETM163R	Red	Lamp	Accepts Industry Standard 2-Prong Plug
PETM163A	Amber	Lamp	Accepts Industry Standard 2-Prong Plug
PET163KR-MV	Red	Flange-Kit	Gray Flange + PETM163R Lamp
PET163KA-MV	Amber	Flange-Kit	Gray Flange + PETM163A Lamp



(PETM163R) (PETM163A) (PET163KR-MV) (PET163KA-MV)

Accessories

Grommet
PETB143-18
Pigtail
PETB162-49

Clearance / Marker

Truck-Lite

LHT

Grote

PETERSON

Lighting

2-1/2 in. Round

Peterson

189 Single Diode with Reflex 2.50 in. Round LED

Type	Color	
Lamp	Red	PETM189FR
Lamp	Amber	PETM189FA



(PETM189FR)



(PETM189FA)

Accessories

Retaining Clip
PETB162-093

UBLights

Round Sealed Lamp 2.50 in. Round

Type	Color	
Lamp	Red	LHTSI2500R
Lamp	Amber	LHTSI2500A



(LHTSI2500R)



(LHTSI2500A)

Accessories

Grommet
LHTGR2500
Pigtail
LHTPT6020

Pro-Par

2.50 in. Round LED

	Color	Type	Addtl Info
PROLED25-10R	Red	Lamp	PL-10
PROLED25-10A	Amber	Lamp	PL-10
PROLED25-10RCL	Red with clear lens	Lamp	PL-10
PROLED25-10ACL	Amber with clear lens	Lamp	PL-10
PROLED25-4R	Red with reflector	Lamp	PL-10
PROLED25-4A	Yellow with reflector	Lamp	PL-10



(PROLED25-10R)



(PROLED25-10A)



(PROLED25-4R)



(PROLED25-10RCL)



(PROLED25-4A)



(PROLED25-10ACL)

Accessories

Pigtail
TRU94964

Truck-Lite

Model 10 Sealed

2.54 in. Round

	Color	Type	Addtl info
TRU10202R	Red	Lamp	PL-10, No Plug
TRU10202Y	Yellow	Lamp	PL-10, No Plug
TRU10205R	Red	Reflective Lamp	PL-10, No Plug
TRU10205Y	Yellow	Reflective Lamp	PL-10, No Plug



(TRU10202R)



(TRU10202Y)



(TRU10205R)



(TRU10205Y)

Accessories

Grommet
TRU10700
Pigtail
TRU94902

PETERSON
Clearance / Marker

LHT

pro-par
OVER 30 Years of Quality Products

Truck-Lite

Marker

544

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= Key Items

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2-1/2 in. Round

Truck-Lite

Super 10 Sealed

2.54 in. Round

	Color	Type	Addtl Info
TRU10208R	Red	Lamp	PL-10, No Plug
TRU10208Y	Yellow	Lamp	PL-10, No Plug
TRU10212Y	Yellow ABS	Lamp	PL-10, No Plug



(TRU10208R)



(TRU10208Y)



(TRU10212Y)

Accessories

Grommet
TRU10700

Pigtail
TRU94902

Model 10 Sealed

2.54 in. Round LED

	Color	Type	Addtl Info
TRU10250R	Red	Lamp	Fit 'N Forget M/C, No Plug
TRU10250Y	Yellow	Lamp	Fit 'N Forget M/C, No Plug
TRU10251R	Red	Flange-Kit	Lamp TRU10250R + Gray Flange
TRU10251Y	Yellow	Flange-Kit	Lamp TRU10250Y + Gray Flange



(TRU10202R)



(TRU10202Y)



(TRU10205R)



(TRU10205Y)

Accessories

Grommet
TRU10700

Pigtail
TRU93745

Model 10 Low Profile PC Rated

2.50 in. Round LED

	Color	Type	Connection	Includes
TRU10286R	Red	Lamp	Standard	
TRU10286Y	Yellow	Lamp	Standard	
TRU10385R	Red	Lamp	Fit 'N Forget	
TRU10385Y	Yellow	Lamp	Fit 'N Forget	
TRU10389R	Red	Flange-Kit	Fit 'N Forget	Gray Flange + TRU10286R Lamp
TRU10389Y	Yellow	Flange-Kit	Fit 'N Forget	Gray Flange + TRU10286Y Lamp



(TRU10286R)



(TRU10389R)



(TRU10286Y)



(TRU10385R)



(TRU10389Y)



(TRU10385Y)

Accessories

Grommet
TRU10700

Pigtail
TRU94964

Clearance / Marker

LHT

Lighting

2-1/2 in. Round

Truck-Lite

Model 10 High Profile

2.50 in. Round LED PC Rated

	Color	Type	Connection	Includes
TRU10275R	Red	Lamp	Standard	
TRU10275Y	Yellow	Lamp	Standard	
TRU10279R	Red	Flange-Kit	Standard	Gray Flange + TRU10275R Lamp
TRU10279Y	Yellow	Flange-Kit	Standard	Gray Flange + TRU10275Y Lamp
TRU10375R	Red	Lamp	Fit 'N Forget	
TRU10375Y	Yellow	Lamp	Fit 'N Forget	
TRU10379R	Red	Flange-Kit	Fit 'N Forget	Gray Flange + TRU10375R Lamp
TRU10379Y	Yellow	Flange-Kit	Fit 'N Forget	Gray Flange + TRU10375Y Lamp



(TRU10275R)



(TRU10275Y)



(TRU10279R)



(TRU10279Y)



(TRU10375R)



(TRU10375Y)



(TRU10379R)



(TRU10379Y)

Accessories

Grommet
TRU10700

Standard Pigtail
TRU94964

Fit 'N Forget Pigtail
TRU93745

Clearance / Marker

LHT

Trucklite

Signal-Stat Round

2.50 in. Round LED

	Color	Type	Addtl Info
TRU1050	Red	Lamp	PL-10, No Plug
TRU1050A	Yellow	Lamp	PL-10, No Plug
TRU1052	Red	Reflective Lamp	PL-10, No Plug
TRU1052A	Yellow	Reflective Lamp	PL-10, No Plug



(TRU1050)



(TRU1050A)



(TRU1052)



(TRU1052A)

Accessories

Pigtail
TRU94964

More Information

Advantages of LED

Safety:

Increases vehicle visibility with intense displays of light output.

Reliability:

Extended period of operation.

Energy Efficiency:

85% reduction of load on electrical systems

Durability

Virtually impervious to shock & vibration.

Marker

546

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= Key Items

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Single Diode

Grote

MicroNova Dot with Grommet

1.13 in. Round LED

Type	Color	
Kit	Red	GRT49332
Kit	Yellow	GRT49333



(GRT49332)

(GRT49333)

Accessories

Bracket
GRT42110

Dual Intensity MicroNova with Grommet

1.13 in. Round LED

Type	Color	
Kit	Red	GRT49362
Kit	Yellow	GRT49363



(GRT49362)

(GRT49363)

Peterson

Piranha LED

0.75 in. Round LED

	Color	Type	Includes
PET176KR	Red	Kit	Lamp & Grommet PETB177-18
PET176KA	Yellow	Kit	Lamp & Grommet PETB177-18



(PET176KR)

(PET176KA)

Accessories

Grommet
PETB177-18

Phillips

BoardFree Lighting PC2 Rated

0.75 in. Round LED

Type	Color	
Lamp	Red	PHI51-34302
Lamp	Yellow	PHI51-34303



(PHI51-34302)

(PHI51-34303)

Integrated Male
2 Pin AMP
Connector

Definition

Electric Term

AMP:

Unit of measurement applied to the flow of electrical current through a conductor. AMP can also be called current.

Clearance / Marker



LHT

PETERSON

PHILIPS

Lighting

Single Diode

Truck-Lite

33 Series Sealed 1 Diode

0.719 in. Round LED

	Color	Type	Addtl Info
TRU33275R	Red	Lamp	Hardwired, .180 Bullet
TRU33275Y	Yellow	Lamp	Hardwired, .180 Bullet
TRU33080R	Red	Black Flange + TRU33275R Lamp	
TRU33080Y	Yellow	Black Flange + TRU33275Y Lamp	



Model 33 Sealed

0.72 in. Round LED

	Color	Type	Connection	Included
TRU33250R	Red	Lamp	Hardwired, .180 Bullet	
TRU33250Y	Yellow	Lamp	Hardwired, .180 Bullet	
TRU33259R	Red	Lamp		
TRU33259Y	Yellow	Lamp		
TRU33050R	Red	Grommet-Kit	Hardwired, .180 Bullet	Lamp + Grommet TRU33700
TRU33050Y	Yellow	Grommet-Kit	Hardwired, .180 Bullet	Lamp + Grommet TRU33700
TRU33075R	Red	Grommet-Kit	Hardwired, .180 Bullet	Lamp + Grommet TRU33700
TRU33075Y	Yellow	Grommet-Kit	Hardwired, .180 Bullet	Lamp + Grommet TRU33700
TRU33077R	Red	Grommet-Kit	2 Position Plug	Lamp + Grommet TRU33700
TRU33203R	Red	Grommet-Kit	Hardwired, .180 Bullet	Dual Function Lamp + Grommet TRU33700



Accessories

Grommet
TRU30700

Model 33

Round LED

	Color	Type
TRU33286R	Red	Lamp
TRU33286Y	Yellow	Lamp



Clearance / Marker

LHT

Trucklite

Marker

548

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= Key Items

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Identification Bar

Truck-Lite

15 Series ID Bar

16.50 in. x 1.37 in. Rectangle LED

	Color	Type	Material	Includes
TRU15050R	Red	Kit	Stainless Steel	(3) Lamp TRU15250R + ID Bar TRU00808 + Pigtail TRU93943
TRU15741R	Red	Kit	Stainless Steel	(3) Lamp TRU15200R + ID Bar TRU00808 + Pigtail TRU93943
TRU15745R	Red	Kit	Polycarbonate	(3) Lamp TRU15200R + ID Bar TRU00817 + Pigtail TRU93945



(TRU15050R)



(TRU15741R)



(TRU15745R)

10 Series Metal ID Bar

16.00 in. x 1.25 in. Rectangle
TRU10744R



Color	Type	Material	Includes
Red	Kit	Stainless Steel	(3) Lamp TRU10202R ID Bar TRU00798 Pigtail TRU93906

35 Series ID Bar Aluminum

17.00 in. x 1.00 in. Rectangle LED
TRU35740R



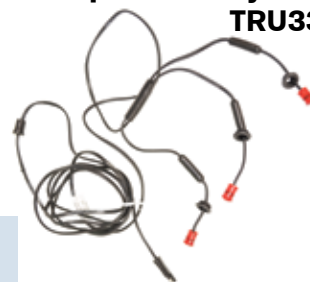
Color	Type	Includes
Red	Kit	(3) Lamp TRU35200R ID Bar TRU00815 Pigtail TRU96989

33 Series ID Assembly - 56 in.
TRU33740R



Color	Type	Includes
Red	Kit	(3) Lamp Grommet Mount 0.180 Bullets

ID Lamp Assembly - 168 in.
TRU33750R



Color	Type
Red	Kit

Truck-Lite

ID Assembly - 56 in.
TRU33754R



Color	Type
Red	Kit

Wabash

Top Rear Header
WAB14200933



Type	Includes
Kit	Harness

Identification Bar

LHT

Truck-Lite

WABASH

Lighting

Interior / Utility

Grote

Torsion Mount® II Dual-System 4.313 in. Round

BU 2-Wire	Finish	Color	
	Frosted	Clear	GRT62171



Phillips

3 Diode Lamp 0.75 in. Round

Type	Color	
Lamp	Clear	PHI51-34751



Peterson

Great White® Lamp 1.06 in. Round

Lead	Color	
8 in.	Clear	PETM291C-BT2
36 in.	Clear	PETM291C-BT236



Chrome License Plate 2.75 in. x 1.50 in. Rectangle

Type	Color	
Lamp	Clear	PETM435



Truck-Lite

Signal-Stat 24 Diode 7.56 in. x 3.31 in. Oval

Type	Color	
Lamp	Clear	TRU6060C



PL-2
No Plug

26 Series Bulb Replaceable 2.75 in. x 1.50 in. Rectangle

Type	Color	
Lamp	Clear	TRU26330



Hardwired
Stripped End

Conspicuity Tape

See Safety & Security Section

Grote

PETERSON

LHT

PHILIPS

TruckLite

License

Interior / Utility

Truck-Lite

33 Series License

0.72 in. Round LED

Includes	Type	Color	
-	Lamp	Clear	TRU33210C
Lamp TRU33210C + Grommet TRU33705	Kit	Clear	TRU33010C



(TRU33210C)

(TRU33010C)

Accessories

Grommet
TRU33705

Hardwired
.180 Bullet

33 Series 1 Diode Auxiliary

0.719 in. Round LED

Type	Color	
Lamp	Clear	TRU33065C



Hardwired
.180 Bullet

26 Series Bulb Replaceable

1.50 in. Round

Type	Color	
Lamp	Clear	TRU26331



Hardwired
.180 Bullet

30 Series Utility Sealed

2.00 in. Round

Type	Color	
Lamp	Clear	TRU30200C



PL-10
No Plug

17 Series Sealed

3.13 in. x 1.92 in. Triangular

Type	Color	
Lamp	Clear	TRU17200



Super 44, 6 Diode

5.50 in. Round

Type	Color	
Lamp	Clear	TRU44344C



Fit 'N Forget
S.S.
No Plug

Definition

Electric Term

Volt:

Unit of measurement applied to the difference in electrical potential between two points; that is, the potential for electricity to flow.

License

LHT

Truck-Lite

Lighting

Rectangular

Grote

License / Utility - Sealed 12V

2.63 in. x 1.25 in. Rectangle

Type	Color	
Lamp	Clear	GRT60261



Accessories

Bracket
GRT43952
Pigtail
GRT66850

License / Back Up - Sealed 12V

3.797 in. x 1.203 in. Rectangle

Type	Color	
Lamp	Clear	GRT60291



Grote

Sealed Turtleback II - Male Pin 12V

5.88 in. x 2.00 in. Rectangle

Type	Color	
Lamp	Clear	GRT60331



Accessories

Pigtail
GRT66910

Meritor

Tire Inflation System Light

Rectangle

Type	Color	
Lamp	Clear	MTR31263-14



Optronics

LPL91 Series Sealed License

2.50 in. x 1.25 in. Rectangle

Type	Color	
Lamp	Clear	OPTLPL91CB



LP91 Series Sealed License/Utility

2.50 in. x 1.188 in. Rectangle

Type	Color	
Lamp	Clear	OPTLP91CB



Grote

License

LHT

MERITOR

OPTRONICS

Rectangular

Peterson

Piranha LED

2.50 in. x 1.19 in. Rectangle LED

	Color	Type	Connection
PETM153C-BT2	White	Lamp	0.180 Bullets
PETM153C-MV	White	Lamp	9-32V
PETM153C-P	White	Lamp	2-Wire Female Plug



(PETM153C-BT2)



(PETM153C-MV)



(PETM153C-P)

License Plate/ Utility

2.50 in. x 1.20 in. Rectangle

Type	Color	
Lamp	Clear/Painted	PETM150C



Accessories

Pigtail
PETB142-49

15 Series Sealed

2.48 in. x 1.20 in. Rectangle

Packaging	Type	Color	
Bagged	Lamp	Clear	TRU15208
Unbagged	Lamp	Clear	TRU15208-UB



PL-10
No Plug

Truck-Lite

License Plate LED

Rectangle

Type	Color	
Lamp	Clear	TRU15217



See Safety & Security

Conspicuity Tape

Lighting

Rectangular

Truck-Lite

15 Series License & Utility

2.48 in. x 1.20 in. Rectangle

	Color	Type	Addtl Info
TRU15205	Clear	Lamp	Hard-wire with Adapter Plug
TRU15227	Clear	Lamp	0.180 Bullets



(TRU15205)



(TRU15227)

Accessories

Bracket
TRU15729

19 Series Sealed

3.78 in. x 1.23 in. Rectangle

Type	Color	
Lamp	Clear	TRU19206



19 Series
Male Pin
No Plug

Super 21 Rectangle

6.00 in. x 2.03 in. Rectangle

Includes	Type	Color	
-	Lamp	Clear	TRU21204C
TRU96930 Pigtail + TRU21204C Lamp	Kit	Clear	TRU21004C



Super 21 Plug
No Plug

License

LHT

UBLights

License Lamp

2.00 in. x 1.00 in. Rectangle

Type	Color	
Lamp	Clear	LHTSI1225L



Definition

Electric Term

Watt:

Unit of power applied to the rate at which energy is used. Power is the amount of work that can be accomplished in a specified amount of time.

Oblong / Hooded

Grote

Duramold Resealable License

2.63 in. x 1.63 in. Rectangle

Type	Color	
Lamp	Gray	GRT60001



Accessories

Cap
GRT93610

Optronics

LP91 Series License / Utility

3.438 in. x 2.688 in. Rectangle

Type	Color	
Lamp	Clear	OPTLP26SKB



Peterson

Vibar Socket License

4.00 in. x 1.75 in. Rectangle

Type	Color	
Lamp	Clear	PETM436



Truck-Lite

26 Series Bulb Replaceable

2.63 in. x 1.63 in. Rectangle

Type	Housing	Color	
Lamp	Gray	Clear	TRU26335



UBLights

License Lamp in Housing

3.50 in. x 2.50 in. Rectangle

Type	Color	
Lamp	Clear	LHTL2001



See Electrical Section

Pigtails

Lighting

License

Grote

Small Rectangular License

3.375 in. x 3.00 in. Rectangle

Type	Color	
Lamp	Clear	GRT60280



MicroNova® LED License

3.42 in. x 2.29 in. Rectangle

Type	Color	
Lamp	Clear	GRT60681



Grote

SuperNova License

3.50 in. x 2.00 in. Rectangle LED

Type	Color	
Kit	Gray	GRT60381



Optronics

LPL31 Series Mini LED License

2.563 in. x 1.188 in. Rectangle

Type	Color	
Lamp	Clear	OPTLPL31CB



Truck-Lite

15 Series License

3.38 in. x 2.52 in. Rectangle

	Color	Type	Packaging	Includes
TRU15011	Clear	Kit	Bagged	15208 incandescent lamp + 15729 gray bracket + 97032 mounting gasket
TRU15011-UB	Clear	Kit	Unbagged	15208 incandescent lamp + 15729 gray bracket + 97032 mounting gasket
TRU15040	Clear	Kit	Bagged	15205 LED lamp, 15729 gray bracket + 97032 mounting gasket
TRU15041	Clear	Kit	Bagged	15205 LED lamp, 15730 black bracket + 97032 mounting gasket



(TRU15011/TRU15011-UB)



(TRU15040)



(TRU15041)

Grote

License

LHT

Optronics

Truck-Lite

Module

Truck-Lite

Metal S/T/T With Side Marker Super 44

13.50 in. x 7.75 in. Rectangle

	Color	Side	Type	Includes
TRU40756	Red	Road	Kit	(2) Lamp TRU40202R + Lamp TRU19200 + (2) Grommet TRU40700 + Module Box + Pigtail TRU94942 + Pigtail TRU94933
TRU40757	Red	Curb	Kit	(2) Lamp TRU40202R + Lamp TRU19200 + (2) Grommet TRU40700 + Module Box + Pigtail TRU94943 + Pigtail TRU94933
TRU40725	Red	-	Module	



(TRU40756)



(TRU40757)



(TRU40725)

Metal Power Unit

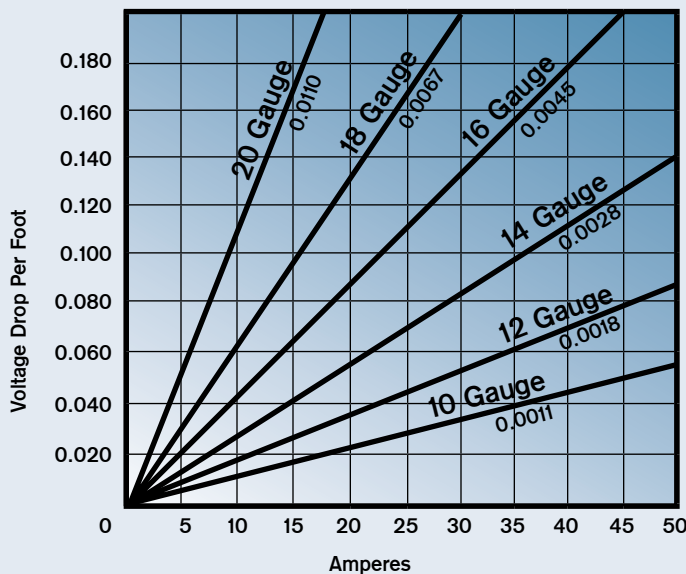
32.00 in. x 8.34 in. Rectangle

	Type	Includes
TRU40850	Kit	(2) TRU40242R Lamp + (2) TRU40700 Grommet + TRU40204 Lamp + Junction Box + Harness + TRU19206 Lamp



Application Chart

Wire Gauge



Module

LHT



Lighting

Arrow / Pedestal

Grote

Jumbo Single-Face 7.00 in. Round

Connection	Type	Lens	Color	
0.180 Terminal	Lamp	Arrow	Yellow	GRT78303
Blunt Cut	Lamp	Arrow	Yellow	GRT78313



(GRT78303)



(GRT78313)

Pro-Par

Pedestal LED Lamp

Double Face 21 Diodes

Type	Color	
Lamp	Red/Amber	PROLED46-21RA



(PROLED46-21R&A)

JVR Safe-T-Signal

Flashing Arrow

8.00 in. Round

	Color	Side	Type	Includes
SAFGL102KIT	Amber	Road	Kit	Lamp + Galvanized Steel Sign
SAFGR101KIT	Amber	Curb	Kit	Lamp + Galvanized Steel Sign



(SAFGL102KIT)



(SAFGR101KIT)

Mid / Side Turn

Grote

Torsion Mount III

6.50 in. x 2.25 in. Oval LED

Type	Color	
Lamp	Red	GRT52512
Lamp	Yellow	GRT52513



(GRT52512)



(GRT52513)

Accessories

Pigtail
GRT67090

Male-Pin Torsion Mount III

6.50 in. x 2.25 in. Oval

Type	Color	
Lamp	Yellow	GRT52533



Accessories

Pigtail
GRT67002

Stop / Tail / Turn

LHT

Grote

Mid / Side Turn

Peterson

Piranha Mid-Turn

6.50 in. x 2.25 in. Oval LED

Includes	Type	Color	
Lamp + Black Flange	Flange-Kit	Amber	PETM350AF



Compliant Mid-Turn

6.50 in. x 2.25 in. Oval

Includes	Type	Color	
Lamp + Gray Flange	Flange-Kit	Amber	PETM354AF-AMP



LumenX® Mid-Turn

7.88 in. x 3.63 in. Oval

Includes	Type	Color	
Lamp + Gray Flange	Flange-Kit	Amber	PETM356AF



22 Series Side Turn Sealed

5.94 in. x 2.41 in. Rectangle

	Color	Type	Addtl info
TRU22202R	Red	Lamp	PL-3, No Plug
TRU22202Y	Yellow	Lamp	PL-3, No Plug
TRU22006R	Red	Gasket-Kit	Lamp TRU22202R + Gasket TRU97987
TRU22006Y	Yellow	Gasket-Kit	Lamp TRU22202Y + Gasket TRU97987
TRU22002R	Red	Kit	Lamp TRU22202R + Pigtail TRU94993
TRU22002Y	Yellow	Kit	Lamp TRU22202Y + Pigtail TRU94993
TRU22004R	Red	Gasket-Kit	Lamp TRU22002R + Gasket TRU97987 + Pigtail TRU94993
TRU22004Y	Yellow	Gasket-Kit	Lamp TRU22002Y + Gasket TRU97987+ Pigtail TRU94993



(TRU22202R)



(TRU22202Y)



(TRU22006R)



(TRU22006Y)



(TRU22002R)



(TRU22002Y)



(TRU22004R)



(TRU22004Y)

Truck-Lite

Accessories

Gasket
TRU97987
Pigtail
TRU94993

Stop / Tail / Turn

LHT

PETERSON

Truck-Lite

Lighting

Mid / Side Turn

Truck-Lite

60 Series Turn & Marker

6.50 in. x 2.25 in. Oval

	Color	Type	Addtl info
TRU60215R	Red	Lamp	PL-3, No Plug
TRU60215Y	Yellow	Lamp	PL-3, No Plug
TRU60015R	Red	Grommet-Kit	Lamp TRU60215R + Grommet TRU60700 + Pigtail TRU94993
TRU60015Y	Yellow	Grommet-Kit	Lamp TRU60215Y + Grommet TRU60700 + Pigtail TRU94993
TRU60216Y	Yellow	Flange-Kit	Lamp TRU60215Y + Gray Flange



Accessories

Grommet
TRU60700

Pigtail
TRU94993

60 Series Side Turn

7.87 in. x 3.31 in. Oval

Type	Color	
Lamp	Yellow	TRU60420Y



Accessories

Pigtail
TRU94789

Male Pin Side Turn Signal

6.48 in. x 2.30 in. Oval

Type	Color	
Lamp	Yellow	TRU69202Y



Accessories

Pigtail
TRU94993

UBLights

Reflective Mid Turn Signal Lamp

6.50 in. x 2.75 in. Oval

Type	Color	
Lamp	Amber	LHTSR2238A



Stop / Tail / Turn

LHT

Trucklite

Oval

Male-Pin Torsion Mount III

6.50 in. x 2.25 in. Oval

Type	Color	
Lamp	Red	GRT52562
Lamp	Yellow	GRT52563



(GRT52562)



(GRT52563)

Accessories

Pigtail
GRT67002

Grote

SuperNova

6.50 in. x 2.25 in. Oval LED

Type	Color	
Lamp	Red	GRT53962
Lamp	Yellow	GRT53963



(GRT53962)



(GRT53963)

Accessories

Pigtail
GRT66815

SuperNova

7.85 in. x 3.60 in. Oval

	Color	Type	Mount
GRT54183	Yellow	Male Pin	Grommet Mount
GRT54203	Yellow	Male Pin	Intergrated Flange
GRT54213	Yellow	Hard Shell	Intergrated Flange
GRT54233	Yellow	Hard Shell	Surface



(GRT54183)



(GRT54203/
GRT54213)



(GRT54233)

Peterson

LumenX S/T/T, AMP

6.50 in. x 2.25 in. Oval LED

	Color	Type	Mount
PETM820R-7	Red	Lamp	Grommet
PETM823R-7	Red	Kit	Flange
PETM823RTL-7	Red	Kit	Narrow Flange



(PETM820R-7)



(PETM823R-7)



(PETM823RTL-7)

Stop / Tail / Turn

LHT

Grote

PETERSON

Lighting

Oval

Phillips

STT Grommet Mount Lamp

6.50 in. Oval LED

Type	Color	
Lamp	Red	PHI51-60312



Pro-Par

S/T/T & F/P/T

6.00 in. Oval LED

	Color	Type	Addtl Info
PROLEDOVL-20R	Red	S/T/T Lamp	PL-3
PROLEDOVL-20A	Amber	F/P/T Lamp	PL-3
PROLEDOVL-20RCL	Red with clear lens	S/T/T Lamp	PL-3
PROLEDOVL-20ACL	Amber with clear lens	F/P/T Lamp	PL-3



(PROLEDOVL-20R)



(PROLEDOVL-20A)



(PROLEDOVL-20RCL)



(PROLEDOVL-20ACL)

Truck-Lite

Signal-Stat, Sealed 24 Diode Pattern

6.49 in. x 2.32 in. Oval LED

Type	Color	
Lamp	Red	TRU6050
Lamp	Yellow	TRU6050A



(TRU6050)



(TRU6050A)

PL-3
No Plug

Economy 60 Sealed

6.50 in. x 2.26 in. Oval

Type	Color	
Lamp	Red	TRU60283R
Lamp	Yellow	TRU60283Y



(TRU60283R)



(TRU60283Y)

PL-3
No Plug

Accessories

Grommet
TRU60700
Pigtail
TRU94933

Definition

Electrical Term

Incandescent:

A glass enclosure containing a tungsten filament. An electric current passes through the filament, heating it to a temperature that produces light.

PHILIPS

Stop / Tail / Turn

LHT

pro-par
OVAL SEaled Diode Pattern

Trucklite

Oval

Truck-Lite

60 Series Sealed

6.50 in. x 2.32 in. Oval LED

	Color	Type	Addtl Info
TRU60250R	Red	Lamp	Fit 'N Forget S.S., No Plug
TRU60290Y	Yellow	Lamp	Fit 'N Forget S.S., No Plug
TRU60252R	Red	Flange-Kit	Gray Flange + TRU60250R Lamp
TRU60052R	Red	Flange-Kit	TRU94706 Pigtail + TRU60252R Lamp
TRU60256R	Red	Flange-Kit	Black Flange + TRU60250R Lamp

Accessories

Grommet
TRU60700
Pigtail
TRU94706



(TRU60250R) (TRU60290Y) (TRU60252R) (TRU60052R) (TRU60256R)

60 Series Auxiliary/Turn

6.50 in. x 2.32 in. Oval LED

	Color	Type	Function	Includes
TRU60275Y	Yellow	Lamp	Auxiliary	Fit 'N Forget S.S., No Plug
TRU60272Y	Yellow	Flange-Kit	Auxiliary	Gray Flange + TRU60275Y Lamp
TRU60282Y	Yellow	Flange-Kit	Sequential	Gray Flange + TRU60280Y Lamp
TRU60072Y	Yellow	Flange-Kit	Auxiliary	TRU94706 Pigtail + TRU60272Y Lamp
TRU60080Y	Yellow	Grommet-Kit	Sequential	TRU94706 Pigtail + TRU60700 Grommet + TRU60280Y Lamp

Accessories

Grommet
TRU60700
Pigtail
TRU94706



(TRU60275Y) (TRU60272Y) (TRU60282Y) (TRU60072Y) (TRU60080Y)

Super 60 Sealed

6.50 in. x 2.25 in. Oval

	Color	Type	Includes
TRU60202R	Red	Lamp	PL-3, No Plug
TRU60202Y	Yellow	Lamp	PL-3, No Plug
TRU60002R	Red	Grommet-Kit	Lamp TRU60202R + Grommet TRU60700 + Pigtail TRU94993
TRU60002Y	Yellow	Grommet-Kit	Lamp TRU60202Y + Grommet TRU60700 + Pigtail TRU94993



(TRU60202R) (TRU60202Y) (TRU60002R) (TRU60002Y)

Stop / Tail / Turn

LHT

Lighting

Oval

Truck-Lite

Super 66 Sealed, 1 Diode Pattern

6.50 in. x 2.24 in. Oval LED

Includes	Type	Color	
Gray Flange + TRU66250R Lamp	Flange-Kit	Red	TRU66252R



PL-3
No Plug

Accessories

Pigtail
TRU94706

Super 60 Sealed, 11 Diode Pattern

6.50 in. x 2.32 in. Oval LED

Includes	Type	Color	
Lamp + Yellow Flange	Lamp	Yellow	TRU60315Y
Flange-Kit	Flange-Kit	Yellow	TRU60317Y



(TRU60315Y)

(TRU60317Y)

Fit 'N Forget
S.S.
No Plug

Accessories

Pigtail
TRU94706

Super 60 Sealed, 18 Diode Pattern

7.87 in. x 3.30 in. Oval LED

Includes	Type	Color	
Black Flange	Flange-Kit	Red	TRU60356R



PL-3
No Plug

Stop / Tail / Turn

LHT

Rectangular

Truck-Lite

Super 45 Sealed S/T/T & F/P/T

5.31 in. x 3.43 in. Rectangle

Type	Color	
Lamp	Red	TRU45202R
Lamp	Yellow	TRU45202Y



(TRU45202R)



(TRU45202Y)

PL-3
No Plug

Signal-Stat, 24 Diode Pattern

5.30 in. x 3.40 in. Rectangle

Type	Color	
Lamp	Red	TRU4550
Lamp	Yellow	TRU4550A



(TRU4550)



(TRU4550A)

PL-3
No Plug

Trucklite

4 in. Round

Grote

Torsion Mount II Male-Pin

4.31 in. Round

Type	Color	
Lamp	Red	GRT53102
Lamp	Yellow	GRT53103



(GRT53102) (GRT53103)

Accessories

Pigtail
GRT67002

Torsion Mount II

4.31 in. Round

Type	Color	
Lamp	Red	GRT52772
Lamp	Yellow	GRT52773



(GRT52772) (GRT52773)

Accessories

Grommet
GRT91740
Pigtail
GRT67000

SuperNova®

4.31 in. Round LED

	Color	Type	Addtl Info
GRT53252	Red	Lamp	STT 3-Wire
GRT53253	Yellow	Lamp	STT 3-Wire
GRT53292	Red	Flange-Kit	GRT53252 Lamp + Black Theft-Resistant Flange
GRT53293	Yellow	Flange-Kit	GRT53253 Lamp + Black Theft-Resistant Flange
GRT53272	Red	Flange-Kit	GRT53252 Lamp + Gray Theft-Resistant Flange
GRT53302	Red	Flange-Kit	TRU30250Y Lamp + Stainless Steel Theft-Resistant Flange
GRT53552	Red	Hard Shell Lamp	



(GRT53292)

(GRT53252/
GRT53552)

(GRT53293)

(GRT53272)

(GRT53253)

(GRT53302)

Accessories

Grommet
GRT91740
Pigtail
GRT66815

Hi Count® 24 Diode

4.32 in. Round LED

Type	Color	
Lamp	Red	GRT4002



STT 3-Wire

SuperNova® Full-Pattern

4.32 in. Round LED

Type	Color	
Lamp	Red	GRT53312



STT 3-Wire

Stop / Tail / Turn

LHT

Grote

Lighting

4 in. Round

Grote

SuperNova® NexGen™ S/T/T

4.313 in. Round

	Color	Type	Mount
GRT54332	Red	Lamp	Grommet
GRT54362	Red	Hard Shell Lamp	Grommet
GRT54492	Red	Lamp	Stainless Steel Flange



(GRT54332)



(GRT54362)



(GRT54492)

Peterson

Turn Signal Light

4.25 in. Round

Type	Color	
Lamp	Amber	PETM426A



LumenX® S/T/T, AMP

4.25 in. Round LED

Mount	Color	
Grommet	Red	PETM817R-7
Flange	Red	PETM818R-7



(PETM817R-7)



(PETM818R-7)

Peterson

Single Diode

4.25 in. Round LED

Mount	Color	
Flange	Red	PETM824R



PL-3
Integrated

Phillips

S/T/T Red Flange

4.00 in. Round LED

Type	Color	
Lamp	Red	PHI51-40102



Grote

Stop / Tail / Turn

LHT

PETERSON

PHILIPS

4 in. Round

Pro-Par

4.00 in. Round LED

	Color	Type	Addtl Info
PROLED40-18R	Red	Lamp	PL-3
PROLED40-18A	Amber	Lamp	PL-3
PROLED40-18RCL	Red with clear lens	Lamp	PL-3
PROLED40-18ACL	Amber with clear lens	Lamp	PL-3



(PROLED40-18R)



(PROLED40-18A)



(PROLED40-18RCL)



(PROLED40-18ACL)

Optronics

ST47 Series, Flange Mount

4.25 in. Round

Mount	Color	
Gray Flange	Red	OPTST47RB
Orange Flange	Red	OPTST47ROB



(OPTST47RB)



(OPTST47ROB)

PL-3

STL101 Series GloLight®

4.313 in. Round LED

Type	Color	
Lamp	Red	OPTSTL101RBP



PL-3

STL13 Series FLEET Count™

4.31 in. Round LED

	Color	Type	Includes
OPTSTL13RFB	Red	Flange-Kit	PL-3
OPTSTL13RFMB	Red	Flange-Kit	Weathertight
OPTSTL13RFMTB	Red	Flange-Kit	



(OPTSTL13RFB)



(OPTSTL13RFMB)



(OPTSTL13RFMTB)

Stop / Tail / Turn

LHT



See Electrical Section

Harnesses

Lighting

4 in. Round

Optronics

STL42 Series Sealed

5.50 in. Round LED

Flange	Color	
Black	Red	OPTSTL42RB



PL-3

Truck-Lite

S/T/T & F/P/T 24 Diode

4.31 in. Round LED

Type	Color	
Lamp	Red	TRU4050
Lamp	Yellow	TRU4050A



(TRU4050)



(TRU4050A)

PL-3
No Plug

Super 44 Series Security Flange

5.43 in. Round LED

Type	Color	
Lamp	Red	TRU44334R



Fit 'N Forget
S.S.
No Plug

Economy 40 Sealed S/T/T & F/P/T

4.30 in. Round

	Color	Type	Addtl Info
TRU40282R	Red	Lamp	PL-3, No Plug
TRU40282Y	Yellow	Lamp	PL-3, No Plug
TRU40028R	Red	Grommet-Kit	TRU94993 Pigtail + TRU40700 Grommet + TRU40282R Lamp
TRU40028Y	Yellow	Grommet-Kit	TRU94993 Pigtail + TRU40700 Grommet + TRU40282Y Lamp
TRU40229R	Red	Flange-Kit	Gray Flange + TRU40282R Lamp
TRU40229R-UB	Red	Flange-Kit	Gray Flange + TRU40282R Lamp Unbagged: Packaging



(TRU40282R)



(TRU40282Y)



(TRU40028R)



(TRU40028Y)



(TRU40229R/
TRU40229R-UB)

Accessories

Grommet
TRU40700

Pigtail
TRU94993

Stop / Tail / Turn

LHT

Optronics

Truck-Lite

4 in. Round

Truck-Lite

Super 40 Sealed S/T/T & F/P/T

4.31 in. Round

	Color	Type	Addtl Info
TRU40242R	Red	Lamp	PL-3, No Plug
TRU40242Y	Yellow	Lamp	PL-3, No Plug
TRU40248R	Red	Reflective Lamp	PL-3, No Plug
TRU40042R	Red	Grommet-Kit	Lamp TRU40242R + Grommet TRU40700 + Pigtail TRU94993



(TRU40242R)



(TRU40242Y)



(TRU40248R)



(TRU40042R)

Accessories

Grommet
TRU40700

Pigtail
TRU94993

40 Series Sealed S/T/T & F/P/T

4.31 in. Round

	Color	Type	Addtl Info
TRU40202R	Red	Lamp	PL-3, No Plug
TRU40202Y	Yellow	Lamp	PL-3, No Plug
TRU40002R	Red	Grommet-Kit	TRU94993 Pigtail + TRU40700 Grommet + TRU40202R Lamp
TRU40002Y	Yellow	Grommet-Kit	TRU94993 Pigtail + TRU40700 Grommet + TRU40202Y Lamp
TRU40215R	Red	Reflective Lamp	PL-3, No Plug
TRU40222R	Red	Flange-Kit	Gray Flange + TRU40215R Lamp



(TRU40202R)



(TRU40215R)



(TRU40202Y)



(TRU40002R)



(TRU40222R)



(TRU40002Y)

Accessories

Grommet
TRU40700

Pigtail
TRU94993

Quick Reference

Common Wire Gauge Sizes

Trailer	Length	Stop (red)	Ground (white)
Single	50'	12 ga.	10 ga.
Doubles	2-28'	12 ga.	10 ga.

Trailer	Length	Stop (red)	Ground (white)
Doubles	2-40'	10 ga.	8 ga.
Triples	3-28'	10 ga.	8 ga.

Lighting

4 in. Round

Truck-Lite

Super 44, 6 Diode Pattern

4.35 in. Round LED

	Color	Type	Addtl Info
TRU44302R	Red	Lamp	Fit 'N Forget S.S., No Plug
TRU44322R	Red	Flange-Kit	Gray Flange + TRU44302R Lamp
TRU44326R	Red	Flange-Kit	Black Flange + TRU44302R Lamp
TRU44032R	Red	Flange-Kit	Gray Flange + TRU44302R Lamp
TRU44036R	Red	Flange-Kit	TRU94706 Adapter + Black Flange + TRU44302R Lamp
TRU44030R	Red	Grommet-Kit	TRU94706 Adapter + TRU40700 Grommet + TRU44302R Lamp
TRU44365R	Red	Flange-Kit	TRU94706 Adapter + Gray Flange + TRU44302R Lamp



Accessories

Grommet
TRU40700

Stop / Tail / Turn

Male Pin 40 Sealed

4.31 in. Round

TRU49202R



Color
Red

Type
Lamp

Accessories

Grommet
TRU40700

Pigtail
TRU96107

Super 44 Rear Turn, 42 Diode Pattern

4.35 in. Round LED

Addtl Info	Type	Color	
Fit 'N Forget S.S., No Plug	Lamp	Yellow	TRU44201Y
Lamp TRU44201Y + Gray Flange	Flange-Kit	Yellow	TRU44221Y



(TRU44201Y)

(TRU44221Y)

Super 44 S/T/T, 42 Diode Pattern

4.35 in. Round LED

	Color	Type	Addtl Info
TRU44202R	Red	Lamp	Fit 'N Forget S.S., No Plug
TRU44222R	Red	Flange-Kit	Lamp TRU44202R + Gray Flange
TRU44022R	Red	Flange-Kit	Lamp TRU44202R + TRU94706 Adapter + Gray Flange



(TRU44202R)

(TRU44222R)

LHT

TruckLite

S/T/T Light

570

800.621.7949

= Key Items

www.AuroraParts.com

4 in. Round

Truck-Lite

LED Tail Light

Type	Color	
Lamp	Red	TRU44331R



Lamp S/T/T LED Hard-Wired

Type	Color	
Lamp	Red	TRU44373R



STT Lamp, 7 Diode LED

Type	Color	
Lamp	Red	TRU44337R



STT Lamp LED

Type	Color	
Lamp	Red	TRU44382R



UBLights

Shock Mounted Sealed

4.25 in. Round

	Color	Type	Addtl Info
LHTSI4000R	Red	Lamp	PL-3
LHTSI4000A	Yellow	Lamp	PL-3
LHTSI4000R-2	Red	Flange-Kit	Gray Flange + Lamp LHTSI4000R



(LHTSI4000R)



(LHTSI4000A)



(LHTSI4000R-2)

Accessories

- Grommet LHTGR4000
- Pigtail LHTPT9530

Definition

Electric Term

Volt:

Unit of measurement applied to the difference in electrical potential between two points; that is, the potential for electricity to flow.

Stop / Tail / Turn

LHT

Truck-Lite

Lighting

4 in. - 5 in. Round

UBLights

S/T/T, 1 Diode

Type	Color	
Lamp	Red	LHTLEDF4000-1R2



Truck-Lite

80 Series S/T/T Replaceable

5.38 in. Round

Includes	Type	Color	
Black Housing + Lamp	Housing-Kit	Red	TRU80334R



Hardwired
Blunt Cut

Accessories

Lens
TRU99008R
Gasket
TRU97093

Stop / Tail / Turn

LHT

Trucklite

Application Chart

Wire Gauge

Amperage Required	System		Total Footage of Wire from Power Source to the Most Distant Electric Lamp									
	24v	12v	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'
	2.0	1.0	18	18	18	18	18	18	18	18	18	18
3.0	1.5	18	18	18	18	18	18	18	18	18	18	18
4.0	2.0	18	18	18	18	18	18	18	18	16	16	16
6.0	3.0	18	18	18	18	18	16	16	16	16	14	14
8.0	4.0	18	18	18	16	16	16	14	14	14	14	12
10.0	5.0	18	18	18	16	14	14	14	14	12	12	12
12.0	6.0	18	18	16	16	14	14	12	12	12	12	12
14.0	7.0	18	18	16	14	14	12	12	12	12	10	10
16.0	8.0	18	18	16	14	12	12	12	12	10	10	10
20.0	10.0	18	16	14	12	12	12	10	10	10	10	10
22.0	11.0	18	16	14	12	12	10	10	10	10	10	8
24.0	12.0	18	16	14	12	12	10	10	10	10	8	8
30.0	15.0	18	16	12	12	10	10	10	10	8	8	8
36.0	18.0	16	14	12	10	10	8	8	8	8	8	8
40.0	20.0	16	14	12	10	10	8	8	8	8	8	6

Suitable Wiring:

Wire gauge is important, as the use of a wire gauged too small can lead to dim or intermittent operation, excessive voltage drop and present a potential fire hazard.

Copper vs Aluminum Wiring:

Copper wire has a higher current carrying capability than an aluminum wire of the same size. Copper wire is also more flexible and less likely to break.

Strobe

**Grote
Strobe Light**

4.32 in. Round LED

Type	Color	
Lamp	Yellow	GRT77353



STT 3-Wire

**Ms. Carita
FoxFire Next Generation**

LED

Type	Color	
Lamp	Red	MCAMSF263M-RED



**Truck-Lite
Low Profile Strobe Light**

4.25 in. x 4.25 in.

Mounting	Type	Color	
Permanent	Lamp	Yellow	TRU92534Y
Magnetic	Kit	Yellow	TRU92539Y



(TRU92534Y)



(TRU92539Y)

Accessories

Lens
TRU99147Y

Utility

Par 36 Rubber Tractor

5 in. Round

Includes	Type	Color	
Hardware	Kit	Clear	GRT01-6493-A7



**Grote
Interior Lamp**

2.625 in. x 1.25 in. Rectangular

Type	Color	
Lamp	Clear	GRT60271



Strobe / Utility

LHT

Grote

Truck-Lite

Lighting

Utility

Peterson

Great White® Auxiliary Lamp 1.07 in. Round

Type	Color	Part Number
Lamp	Clear	PETM171C



Great White® License Lamp 2.53 in. x 1.17 in. Rectangle LED

Type	Color	Part Number
Lamp	Clear	PETM294



Phillips

Permalite™ XB 18.28 in. x 5.74 in. Rectangle LED

Type	Color	Part Number
Lamp	Clear	PHI51-22111



Pro-Par

Back-Up Lamp 4 in. Round LED

Type	Color	Part Number
Lamp	Clear	PROLED44-10C



Back-Up Lamp 6 in. Oval LED

Type	Color	Part Number
Lamp	Clear	PROLEDOVL-10C



PETERSON

Strobe / Utility

LHT

PHILIPS

pro-par
LED LIGHTS

Utility

10 Series Utility
2.54 in. Round

Type	Color	
Lamp	Clear	TRU10202C



PL-10
No Plug

Truck-Lite
15 Series Utility Sealed
2.49 in. x 1.20 in. Rectangle

Type	Color	
Lamp	Clear	TRU15200C



PL-10
No Plug

19 Series Utility Sealed
3.78 in. x 1.23 in. Rectangle

Type	Color	
Lamp	Clear	TRU19200C



19 Series Male
Pin
No Plug

40 Series Dome Sealed
4 in. Round

Includes	Type	Color	
-	Lamp	Clear	TRU40203
Lamp & Flange	Lamp	Clear	TRU40223



(TRU40203)



(TRU40223)

PL-2
No Plug

40 Series Back-Up Sealed
4.31 in. Round LED

Type	Color	
Lamp	Clear	TRU40204



PL-2
No Plug

Super 40 Back-Up Sealed
4.31 in. Round

Type	Color	
Lamp	Clear	TRU40244



PL-2
No Plug

Definition

Electric Term

Wire Size:

Conductors that carry the electricity to lighting are measured according to the American Wire Gauge. Too small diameter a wire oppose current flow.

Strobe / Utility

LHT

Truckline

Lighting

Utility

Truck-Lite

Back-Up LED

4.25 in. Round LED

Type	Color	
Lamp	Clear	TRU4060C



PL-2
No Plug

Accessories

Grommet
TRU40700
Pigtail
TRU94992

Super 44 Back-Up

4.00 in. Round LED

Type	Color	
Lamp	Clear	TRU44350C



Fit 'N Forget
S.S.
No Plug

Accessories

Grommet
TRU40700

Super 60 Back-Up Sealed

6.38 in. x 2.25 in. Oval

Includes	Type	Color	
-	Lamp	Clear	TRU60204
Lamp TRU60204 + Grommet TRU60700 + Pigtail TRU94992	Kit	Clear	TRU60004



(TRU60204)



(TRU60004)

PL-2
No Plug

80 Series Interior

18.19 in. x 5.75 in. Rectangle LED

Type	Color	
Lamp	Clear	TRU80251C



Hardwired
Stripped End

Accessories

Lense
TRU99245C

Signal-Stat Work Light

4.00 in. x 3.75 in. Rectangle LED

Type	Color	
Lamp	Clear	TRU8160



80 Series Dome Light

5.28 in. Round

Type	Color	
Lamp	Clear	TRU80423C



Definition

Electric Term

Watt:

Unit of power applied to the rate at which energy is used. Power is the amount of work that can be accomplished in a specified amount of time.

Utility

Truck-Lite

80 Series Dome

6.40 in. Round

	Color	Housing	Type	Addtl Info
TRU80351	Clear	Chrome	Lamp	Hardwired, Blunt Cut
TRU80353	Clear	Silver Coating	Lamp	Hardwired, Blunt Cut
TRU80350	Clear	Chrome	Lamp with Switch	Hardwired, Stripped End



(TRU80351)



(TRU80353)



(TRU80350)

Accessories

Clear Lens
TRU99080C

Clear Lens For Switch
TRU99082C

Work Lamp - Par 36 Rubber

4.75 in. Round

Type	Color	
Lamp	Clear	TRU80360
Lamp with Lens Shield	Clear	TRU80361



(TRU80360)



(TRU80361)

Accessories

Lens Shield
Blue TRU99120B
Red TRU99120R

81 Series Work Light

4.00 in. Round LED

Type	Color	
Lamp	Clear	TRU81360



Hardwired
Stripped End

UBLights

Utility/Dome Sealed

4 in. x 1 in. Rectangle

Type	Color	
Lamp	Clear	LHTS11040C



Accessories

Bracket
LHTBM1040B

Utility/Dome Sealed

2 in. x 1 in. Rectangle

Type	Color	
Lamp	Clear	LHTS11225C



Accessories

Pigtail
LHTPT6020

See Safety & Security

Conspicuity Tape

Lighting

Brackets

Fruehauf

Light Boxes

26.00 in. x 10.13 in. Rectangle

Hole Diameter	Material	Location	
4-1/2 in.	Aluminum	Roadside	FRUTKG0053-SP1
4-1/2 in.	Aluminum	Curbside	FRUTKG0053-SP2



(FRUTKG0053-SP1)



(FRUTKG0053-SP2)

Light Boxes

26.00 in. x 10.13 in. Rectangle

Hole Diameter	Material	Location	
4-3/4 in.	Aluminum	Roadside	FRUTKG0053-1
4-3/4 in.	Aluminum	Curbside	FRUTKG0053-2



(FRUTKG0053-1)



(FRUTKG0053-2)

Grote

Surface Mount

4.00 in. Rectangle

Material	Color	
Polycarbonate	Gray	GRT42110



Application: MicroNova® & MicroNova® Dot

Corner Radius Bracket

6.19 in. x 2.13 in. Rectangle

Radius	Color	
4-3/8 in.	Gray	GRT43050



Application: PC Rated Lamps

90° Angle Bracket

8.25 in. x 4.063 in. Rectangle

Material	Color	
Steel	Black	GRT43362



Application: Oval Lamps

Twist-In Surface-Mount

5.63 in. x 2.13 in. Rectangle

Color	
Gray	GRT43690



Application: 2 in. & 2-1/2 in. Lamps

Accessories

LHT

FRUEHAUF

Grote

Brackets

Corner Radius Bracket - Twist-In 5-7/8 in. x 2-3/16 in. Rectangle

Radius	Color	
4-5/8 in.	Gray	GRT43760



Application: 2 & 2-1/2 in. Round Lamps
Fits 4-5/8 in. Corner Radius

Low Profile Mounting Bracket 4.125 in. x 1.063 in. Rectangle

Material	Color	
Polycarbonate	Gray	GRT43850



Application: combination clearance/marker lamp when mounted on a 45° angle

Corner Cap Light Base Rectangle

Color	
Gray	GRT01-4224-71



Grote

Mounting Bracket

4.06 in. x 1.06 in. Rectangle

Includes	Type	Color	
- Bracket		Gray	GRT43780
+ Pigtail Bracket GRT66981	Kit	Gray	GRT43390



(GRT43780)



(GRT43390)

Application: 4 in. Rectangular Lamps

Peterson

Surface-Mount Bracket

4.375 in. x 1.375 in. Rectangle

Color	
White	PETB150-091



Application: 150 Series Lamps

Branch Deflector

3.90 in. x 1.30 in. Rectangle

Mount	Color	
Flat	Gray	PETB176-10
Curved	Gray	PETB176-13



(PETB176-10)



(PETB176-13)

Requires B177-186 Grommet to Mount Light
Application: 171, 176 & 177 Series LED Lamps

Accessories

LHT

Grote

PETERSON

Lighting

Brackets

Peterson

License/Utility Light Bracket

3.43 in. x 2.72 in. Rectangle

Color Gray **PETB150-14**



Application: 150 Series Lamp Clamps In

Cam-On, Surface Mount

4.06 in. x 2.06 in. Rectangle

Color Gray **PETB165-10**



Application: Allows 2 & 2-1/2 in. Marker Lamps to be Surface Mounted

Plug Retention Clip

Material Stainless Steel **PETB162-093**



Application: 189 & 190 Clearance Side Markers

PSI Lamp Bracket

Rectangle

Mount Curved Color **PETB186-13**



Application: PSI Lamp

Phillips

Curved Bracket

Rectangle

Mount Curved Color Gray **PHI51-34000**



Application: 3/4 Lamp

Recessed Light Bracket

Color Black **PHI51-60920**



Size: 6-1/2 in.

Definition

Lighting Term

Cab Marker:

A lamp similar in function to the marker clearance lamp, however these are always mounted on the roof of the truck or tracker cab.

Accessories

LHT

PETERSON

PHILIPS

Brackets

Truck-Lite Mounting Bracket

3.38 in. x 2.52 in. Rectangle

Color
Gray **TRU15729**



Application: 15 Series License Lamps

Cam-On For 2.00 in.

3.90 in. x 2.15 in. Rectangle

Includes	Type	Color	
-	Bracket	Clear	TRU00801
Pigtail TRU94902 + Bracket TRU00801	Kit	Clear	TRU30403



(TRU00801)



(TRU30403)

Application: 2 in. Lamps

Curved Bracket

5.86 in. x 3.16 in. Rectangle

Hole to Hole
4-5/8 in. Color
Gray **TRU10738**



Allows Lamp to be Surface Mounted in a Grommet
Application: 2-1/2 in. Lamps

Cam-On Mount for 2 & 2-1/2 in. Lamps

4 in. x 2.20 in. Rectangle

	Color	Type	Includes
TRU10728	Gray	Bracket	-
TRU10727	Clear	8-1/2 in. Radius Bracket	-
TRU10721	Clear	Bracket w/o Rib	-
TRU10724	Gray	Bracket w/o Rib	-
TRU10410	Gray	Kit	Bracket TRU10728 + Pigtail TRU90424



(TRU10728)



(TRU10727)



(TRU10721)



(TRU10724)



(TRU10410)

Accessories

LHT

Lighting

Brackets

Truck-Lite

Branch Deflector Mount - High Impact

5.75 in. x 3.12 in. Rectangle

Includes	Type	Color	
- Bracket	Gray	TRU10725	
Bracket TRU10725 + Grommet TRU10700 + Pigtail TRU94902	Kit	Gray	TRU10414



Allows Lamp to be Surface Mounted
Application: 2-1/2 in. Lamps

Deflector Mount - High Impact

5.38 in. x 2.75 in. Rectangle

Includes	Type	Color	
- Bracket	Gray	TRU30721	
Bracket TRU30721 + Grommet TRU30700 + Pigtail TRU94902	Kit	Gray	TRU30404



Allows Lamp to be Surface Mounted
Application: 2 in. Lamps

Deflector Mount - High Impact

4.80 in. x 2.34 in. Rectangle

Includes	Type	Color	
- Bracket	Gray	TRU30722	
Bracket TRU30722 + Grommet TRU30701 + Pigtail TRU94902	Kit	Gray	TRU30405



Allows Lamp to be Surface Mounted
Application: 2 in. Lamps

Adapter Mount for Model 15 Lamps

2.90 in. x 1.50 in. Rectangle

Type	Color	
Kit	Gray	TRU15404



Includes: Bracket TRU00790 +
Pigtail TRU94906

Adapter Mount

2.90 in. x 1.50 in. Rectangle

Includes	Type	Color	
- Bracket	Gray	TRU15406	
Bracket TRU00793 + Grommet TRU97705 + Pigtail TRU96904	Kit	Chrome	TRU15407



Application: Model 15 Lamps

Deflector Mount - High Impact

4.50 in. x 1.19 in. Rectangle

Includes	Type	Color	
- Bracket	Gray	TRU15720	
Bracket TRU15720 + Pigtail TRU96904	Kit	Gray	TRU15401



Snap-On
Application: Model 15 Lamps

Definition

Electric Term

Pigtail:

Relatively short connection cable that connects light and harness. Usually a 1, 2, 3, or 4 wire design with termination designed to mate with a socket or pin connection area on the lamp.

Accessories

LHT

Trucklite

Brackets

Truck-Lite

Rail Mount for Model 15 Lamps

4.37 in. x 1.37 in. Rectangle

	Color	Type	Includes
TRU15727	White	Cut Mount Bracket	-
TRU15728	White	Bracket	-
TRU15412	White	Cut Mount-Kit	Bracket TRU15727 + Pigtail TRU94924
TRU15414	White	Kit	Bracket TRU15728 + Pigtail TRU94924



(TRU15727)



(TRU15728)



(TRU15412)



(TRU15414)

Low Profile Base Mount for Model 19 Lamps

4.10 in. x 1.07 in. Rectangle

	Color	Radius	Type	Includes
TRU19720	Gray	-	Bracket	-
TRU19728	Black	-	Bracket	-
TRU19722	Gray	9.00 in.	Bracket	-
TRU19737	Gray	-	Bracket	For Chrysler #5600370415
TRU19738	Gray	6-1/4 in.	Bracket	-
TRU19721	Gray	-	Kit	Bracket & Hot Wire
TRU19739	Chrome	-	Kit	Bracket & Hot Wire



(TRU19720)



(TRU19728)



(TRU19722)



(TRU19737)



(TRU19738)



(TRU19721)



(TRU19739)

Low Profile Curved Bracket

4.10 in. x 1.12 in. Rectangle

Radius	Color	
4.68 in.	Gray	TRU19750



Application: Model 19 Lamps

Armored Mount

4.252 in. x 1.68 in. Rectangle

Material	
Aluminum	TRU35720



Application: Model 35 LED Lamps

Accessories

LHT

TruckLite

Lighting

Brackets

Truck-Lite

33 Series Branch Deflectors - High Impact

	Color	Width	Height	Mount
TRU33710	White	4-7/64 in.	1-21/64 in.	Flat
TRU33711	White	4.00 in.	1-1/2 in.	Flat
TRU33712	Gray	4-7/64 in.	1-21/64 in.	Flat
TRU33715	Gray	4-7/32 in.	1-59/64 in.	Curved



(TRU33710)



(TRU33711)



(TRU33712)



(TRU33715)

Steel Mounting Bracket

4 in. x 4.81 in. Rectangle

Hole Diameter	Color	
2-25/32 in.	Black	TRU10729



Application: 2-1/2 in. Lamps

Accessories

Grommet
TRU10700

Steel Mounting Bracket

4 in. x 4.81 in. Rectangle

Color	
Black	TRU30728



Application: 2 in. Lamps

Steel Mounting Bracket

6 in. x 6.96 in. Rectangle

Flange	Color	
No	Black	TRU40719
Yes	Black	TRU40720



(TRU40719)



(TRU40720)

Application: 4 in. Lamps

Steel Mounting Bracket

12.06 in. x 6.21 in. Rectangle

Color	
Black	TRU40715



Application: 4 in. Lamps

Definition

Electrical Term

Polycarbonate:

Any of a family of thermoplastics characterized by high-impact strength, light weight, and flexibility, and as a shatter-resistant substitute for glass.

Accessories

LHT

Trucklite

Brackets

Truck-Lite

Mounting Brackets for 60 Series Lamps

	Color	Material	Flange Mount
TRU60720	Black	Steel	Yes
TRU60722	Black	Steel	No
TRU60723	Aluminum	Aluminum	Yes
TRU60724	Aluminum	Aluminum	No



(TRU60720)



(TRU60722)



(TRU60723)



(TRU60724)

"Z" Steel Mounting Bracket

8.25 in. x 5.75 in. Rectangle

Notch Flange	Material	Color	
No	Steel	Gray	TRU60728
Yes	Steel	Gray	TRU60733



(TRU60733)



(TRU60728)

Application: 60 Series Lamps

License Plate Bracket

12 in. x 4.80 in. Rectangle

Color	
Black	TRU42722



Application: Model 15 License Lamps

UBLights

Base Mount

4 in. x 1 in. Rectangle

Color	
Gray	LHTBM1040B



Application: 4 in. Lamps

Replacement Housing

3.44 in. x 2.25 in. Rectangle

Type	Color	
License Housing	Gray	LHTL2000



Application: License Lamps

Accessories

LHT

Truck-Lite

Lighting

Brackets

Wabash

Light Bracket

5-1/8 in. x 8-1/2 in. Rectangle

Color
Gray **WAB14A00001**



Model 30 Light Bracket

6-9/16 in. x 2-3/4 in. Rectangle

Color
Gray **WAB14A00002**



Application: Model 30 Lamps

Model 60 Mid Turn

8-1/2 in. x 4-1/2 in. Rectangle

Color
Gray **WAB14A00008**



Application: Model 60 Lamps

Model 30, Straight Bracket

3-3/8 in. x 4-5/8 in. Rectangle

Material
Aluminum **WAB14A00054**



Application: Model 30 Lamps

Mid Turn Brackets

19 in. x 7-5/8 in. Rectangle

Location	Material	Part Number
Roadside	Aluminum	WAB14A00092
Curbside	Aluminum	WAB14A00093



(WAB14A00092)



(WAB14A00093)

ABS Lamp Bracket

3-3/8 in. x 4-5/8 in. Rectangle

Material
Aluminum **WAB14A00097**



Definition

Electrical Term

Incandescent:

A glass enclosure containing a tungsten filament. An electric current passes through the filament, heating it to a temperature that produces light.

Accessories

LHT



Brackets

Wabash

Light Bracket

8-1/2 in. x 4-7/8 in. Rectangle

Material
Aluminum **WAB14A00099**



Application: 60 Series LED Lamps

Light Bracket

4 in. x 5-3/8 in. Rectangle

Material
Aluminum **WAB14A00347**



Application: 2 in. Lamps

License Plate Bracket

15 in. x 7 in. Rectangle

Material
Steel **WAB14S00238**



2 Lamp Light Box

22.88 in. x 6.38 in. Rectangle

Material
Steel **WAB14S00257**



Light Box End Cap

6-1/2 in. x 3-1/2 in. Rectangle

Color
Gray **WAB14S00004**



Turn Signal Bracket

Color
Metal **WAB24500006**



Light Box

BKT-UN01

Color
White

Material
Steel



Accessories

LHT



Lighting

Bulbs

Headlight

	Count	Lamp Number	Base	Watts	Diameter	Length
SYL9004	1	9004	P29t	65/45	1-21/64 in.	2-7/16 in.
SYL9005	1	9005	P20d	65	1/2 in.	2-11/64 in.
SYL9005XS	6	9005	P20d	65	1/2 in.	2-11/64 in.
SYL9006	1	9006	P22d	55	1/2 in.	2-11/64 in.
SYL9006XS	6	9006	P22d	55	1/2 in.	2-11/64 in.
SYL9007	1	9007	PX29t	65/55	1-21/64 in.	2-27/64 in.
SYLH11	1	H11	PGJ19-2	55		
SYL3817	1	H11 LL	PGJ19-2	55		
SYL33145	1	H11 LL	PGJ19-2	55		



(SYL9004)



(SYL9005XS)



(SYL9006/
SYL9006XS)



(SYL9007)

Economy

LHT9004

LHT9006

LHT9007

Sealed

4.50 in. Round

	Count	Lamp Number	Base	Lense/Bulb	Watts	Length
SYL4411	1	4411	Screw Terminal	Trapezoidal	35	2-3/4 in.
SYL4509	1	4509	Screw Terminal	Round PAR-36	100	2-3/4 in.
SYLH6024	1	H6024	3 Contact Lugs	Round PAR-56	65/35	5.00 in.



(SYL4411)



(SYL4509)



(SYLH6024)

Economy

LHT4411

Accessories

LHT

SYLVANIA

Trucklite

Sealed

Rectangle

	Count	Lamp Number	Base	Watts	Length
SYLH4651	1	H4651	2 Contact Lugs	50	4-51/64 in.
SYLH4656	1	H4656	3 Contact Lugs	35	4-51/64 in.
SYLH6054	1	H6054	3 Contact Lugs	65/35	5-7/16 in.
TRU27450C	1		H4 Connector		4-5/8 in.



(SYLH4651)



(SYLH4656)



(SYLH6054)

Economy

LHTH4651

LHTH4656

LHTH6054

UPGRADE TO PETERSON'S LED HEADLIGHT AND MAX OUT YOUR MACK.



701C LED 7" PAR 56 Round Headlight

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Lighting

Bulbs

Signal

	Count	Lamp Number	Base	Watts	Diameter	Length
SYL37	10	37	W2.1x4.9d	1.26	15/64 in.	51/64 in.
SYL53	10	53	Mini Bayonet	1.70	7/16 in.	15/16 in.
SYL67	10	67	S.C. Bayonet	8	3/4 in.	1-4/16 in.
SYL89	10	89	S.C. Bayonet	7.50	3/4 in.	1-7/16 in.
SYL97	10	97	S.C. Bayonet	9.30	3/4 in.	1-7/16 in.
SYL194	10	194	W2.1x9.2d	3.80	13/32 in.	1-3/64 in.
SYL906	10	906	W2.1x9.2d	8.97		
SYL1156	10	1156	S.C. Bayonet	26.90	1.00 in.	2.00 in.
SYL1157	10	1157	D.C. Index	27/8.3	1.00 in.	2.00 in.
SYL1157A	10	1157 (Amber)	D.C. Index	27/8.3	1.00 in.	2.00 in.
SYL1889	10	1889	Mini Bayonet	3.80	13/32 in.	1-13/64 in.
SYL1893	10	1893	Mini Bayonet	4.62	13/32 in.	1-3/16 in.
SYL3157	10	3157	Wedge (2)	2.1/8.3	1.00 in.	2-7/64 in.
SYL3157A	10	3157 (Amber)	Wedge (2)	2.1/8.3	1.00 in.	2-7/64 in.
SYL4157NALL-BP	10	3157 LL (Amber)	Wedge (2)	2.1/8.3	1.00 in.	2-7/64 in.
SYL31817	10	S8	D.C. Bayonet		1.04 in.	2.00 in.
SYL36183	10	3157 LL	Wedge (2)	26.88	1.10 in.	2.20 in.
SYL38141	10					

Economy

LHT53
LHT67
LHT89
LHT97
LHT194

LHT1156
LHT1157
LHT1157NA
LHT1889
LHT1893
LHT3157
LHT3157NA

Accessories

LHT

SYLVANIA



(SYL37)



(SYL67)



(SYL89)



(SYL97)



(SYL194)



(SYL1156)



(SYL1157)



(SYL1889)



(SYL1893)



(SYL3157)

Product Information

Sylvania Long Life Bulbs

Sylvania Long Life Miniature bulbs perform twice as long as any standard miniature bulb. Designed for durability, lower maintenance, and greater safety.

Long Life bulbs are listed with the abbreviation LL under lamp number. For a complete list of all available Long Life bulbs visit MyAuroraPlus.com.

Dielectric Grease

NYK-77 Compound

	Size	Type
TRU97944	2.00 oz.	Tube
TRU98013	5.00 oz.	Tube
TRU97940	8.00 oz.	Can
TRU97943	1.00 qt.	Can

Corrosion prevention compound for electrical contacts, switches & junction boxes; for periodic use with all electrical contact not using Fit 'N Forget connections



Truck-Lite

More Information

Lighting Preventative Maintenance

Treat the electrical system as you would the chassis.

Lubricate sockets, pigtails, battery terminals and connections with NYK-77 "non-conductive" anti-corrosion compound. The purpose of the sealant is to totally encapsulated and protect against corrosion and water.

All lamps will live longer if they run cool.

Dirt on the lens increases the heat, so keep them as clean as possible. Other people can see your rig, and that is one of the purposes of the lighting system - to be seen. Certain lighting products generate heat, care should be taken to avoid contact with flammable materials.

Look for loose, bare or unsupported wire, and fixtures.

Harnesses and wiring should be on the underside of top frame members rather than on the bottom where dirt and road splash collect.

To correct voltage problems, discover the real cause.

Under-voltage often is caused by poor electrical connections. To correct under-voltage, don't just turn up the voltage - find out what caused the under-voltage problem.

Inspect the grommets that house the lamps.

As they age, grommets will eventually deteriorate from sunlight, ozone and harmful chemicals. New grommets restore shock protection, security and improves appearance.

On older trucks, you should never crank the truck when any lights or accessories are on.

Never leave markers and hazard lights on when parked against a dock. Melted lenses are a sure sign that the vehicle has been parked against the dock while the lights were on.

Inspect for improper ground connections.

When lamps are grounded through the lamp housing, make sure there is a clean connection. A fifth wheel ground strap may be used for added protection on the chassis ground system.

Never use a test probe to pierce wire insulation when troubleshooting lighting complaints.

Wicking action takes place, which causes moisture to travel along the wire strands and corrode critical connections. If probing a harness or wire is necessary, make sure the puncture is properly sealed.

Accessories

LHT

Lighting

Flanges / Bezels

Grote

Theft-Resistant Flange 3-1/2 in. Round, Twist-In

Material
Stainless Steel **GRT43163**



Application: 2-1/2 in. Round Lamps

Theft-Resistant Flange 5-9/16 in. Round, Snap-In

Material
Stainless Steel **GRT43253**



Application: 4 in. Round Lamps

Peterson

Retrofit Adaptor Flange Round

Fits	Diameter	Color	
2 in.	3-1/4 in.	Gray	PET176-11
2-1/2 in.	4 in.	Gray	PET176-12



(PET176-11)

(PET176-12)

Truck-Lite

33 Series Flange 1.16 in. Round, Snap-In

Color
Black **TRU33800**



Application: 33 Series Mounts

Truck-Lite

Adapter Ring 6 in. Round

Color
Gray **TRU50831**



Application: Converts 4-3/4 in. Hole to a 4-1/2 in. Hole

M/C Adapter Plate 2.90 in. Round

Color
Gray **TRU30133**



Application: 33 Series Adapter for 30 Series Installations

Grote

Accessories

LHT

PETERSON

TruckLite

Flanges / Bezels

Truck-Lite

Mounting Flange Cover
3.60 in. Round

Color
Stainless Steel **TRU10715**



Application: 2-1/2 in. Mounts

Mounting Grommet Cover
5.83 in. Round

Color
Stainless Steel **TRU44705**



Application: 4 in. Mounts

Flange Mount for Model 60 LLV
7.87 in. x 3.31 in. Oval

Color
Gray **TRU60750**



Application: Model 60 LLV, 6 in. Sealed

Mounting Flange Cover
3.01 in. Round

Additional	Color	
For P2 Rated Lamps	Stainless Steel	TRU30708
For PC Rated Lamps	Stainless Steel	TRU30715



(TRU30708)



(TRU30715)

Application: 2 in. Mounts

60 Series Mounting Flange Cover
7.95 in. x 3.43 in. Oval

Color
Stainless Steel **TRU60719**



Application: 60 Series Mounts

33 Series License Flange Mount
2.30 in. Round

Material	Color	
ABS	Black	TRU33805



Application: Round Lamps

Accessories

LHT

Truck-Lite

Definition

Lighting Term

Marker Clearance:

A small lamp used to mark the edges or corners of the trailer or truck body. Normally amber in the front middle of the vehicle and red at the rear.

Lighting

Grommets

Grote

Open Grommet 3.25 in. Round

Material	Color	
PVC	Black	GRT91400



Application: 2-1/2 in. Round Lamps

Open Grommet 5.25 in. Round

Material	Color	
PVC	Black	GRT91740



Application: 4-1/2 in. Round Lamps

Open Grommet 7.625 in. x 3.25 in. Oval

Material	Color	
PVC	Black	GRT92420



Application: 6-3/4 in. Oval Hole

Closed Grommet 7.625 in. x 3.25 in. Oval

Material	Color	
PVC	Black	GRT92720



Application: 6-3/4 in. Oval Hole

Peterson

Grommet 3.27 in. Round

Color	
Black	PETB143-18



Application: 142, 143, 162, 163 & 172 Series Lights

Black Rubber Grommet 1 in. Round, 0.75 in. ID

Color	
Black	PETB177-18



Application: 171 & 177 Series DOT Lights

Accessories

LHT

Grote

PETERSON

Grommets

Grommet

5.25 in. Round, 4.5 in. ID

Color
Black **PETB426-18**



Application: Flush Mounting for 4 in. Round Lamps - 415, 417, 426 or 427 Series S/T/T

Peterson

Oval Grommet

7.63 in. x 3.38 in. Oval

Color
Black **PETB421-18**



Application: Flush Mounting for Oval Lamps - 350, 352, 416, 420 or 421 Series

Optronics

Flush Mount Grommet

Adaptor Cover
3.563 in. Round

Material Color
ABS Black **OPTA11DB**



Application: 2 in. & 2-1/2 in. Holes

2.625 in. Round

Material Color
PVC Black **OPTA54GB**



Application: 2 in. Round Lights

Flush Mount Grommet

7.625 in. x 3.375 in. Oval

Material Color
PVC Black **OPTA70GB**



Application: 70 Series Lights

Accessories

LHT

PETERSON

OPTRONICS

See Electrical Section

Pigtails

Lighting

Grommets

Truck-Lite

Security Ring for Flange

Color

TRU92930



Application: 33 Series Lamps

Adapter Mount Grommet

Color

Black

TRU30701



Application: 2 in. Lamps

Grommet Mounts for 2-1/2 in. Lamps

Flush Mount

	Color	Back	Type	Includes
TRU10700	Black	Open	Grommet	
TRU10702	Black	Closed	Grommet	
TRU10401	Black	Open	Kit	Grommet TRU10700 + Pigtail TRU94902
TRU10402	Black	Closed	Kit	Grommet TRU10702 + Pigtail TRU94902



(TRU10700)



(TRU10702)



(TRU10401)



(TRU10402)

Diaphragm Grommet

3.5 in. Round

Includes	Type	Color	
-	Grommet	Black	TRU10708
Grommet TRU10708 + Pigtail TRU94902	Kit	Black	TRU10403



(TRU10708)



(TRU10403)

Application: Edge Lighting - 2-1/2 in. Lamps

3 in. Grommet Mount

3.62 in. Round

Includes	Type	Color	
-	Grommet	Black	TRU10704
Grommet TRU10704 + Pigtail TRU94902	Kit	Black	TRU10404



(TRU10704)



(TRU10404)

Application: Recess Mounting for 2-1/2 in. Lamps

Accessories

LHT

Grommets

Grommet for Model 14

4.13 in. x 3.03 in. Rectangle

Type	Color	
Grommet	White	TRU14700
Grommet	Black	TRU14701



(TRU14700)



(TRU14701)

Application: Flush Mounting for Model 14 Lamps

45 Series Grommet - Standard

6.29 in. x 4.42 in. Rectangle

Color	
Black	TRU45700



Application: Flush Mounting for 45 Series Lamps

Truck-Lite

Grommet Mount for Model 15

3.33 in. x 1.95 in. Rectangle

Color	
Black	TRU15702



Application: Flush Mounting for Model 15 Lamps

Mounting Grommet

5.5 in. Round

Includes	Type	Color	
-	Grommet	Black	TRU40700
Grommet TRU40700 + Pigtail TRU94993	Kit	Black	TRU40403



(TRU40700)



(TRU40403)

Application: Flush Mounting for 4 in. Lamps

Grommet Mounts for 2 in. Lamps

2.81 in. Round

	Color	Back	Type	Includes
TRU30700	Black	Open	Grommet	-
TRU30702	Black	Closed	Grommet	-
TRU30401	Black	Open	Kit	Grommet TRU30401 + Pigtail TRU94902
TRU30402	Black	Closed	Kit	Grommet TRU30402 + Pigtail TRU94902



(TRU30700)



(TRU30702)



(TRU30401)



(TRU30402)

More Information

Benefits of Grommet

Using a grommet can allow a lamp to be mounted "flush" into the trailer body providing protection from physical damage. A grommet also provides additional protection against shock and vibration.

Lighting

Grommets

Truck-Lite

33 Series Grommet

1.09 in. Round

	Color	Back	Additional
TRU33700	Black	Open	Flush Mount
TRU33705	Black	Open	License
TRU33720	Black	Open	0.070 in. - 0.125 in.
TRU33725	Black	Open	0.125 in. - 0.250 in.



(TRU33700)



(TRU33705)



(TRU33720)



(TRU33725)

Roadside Repair

	Color	Model
TRU10500	Black	10
TRU30500	Black	30
TRU40500	Black	40



(TRU10500)



(TRU30500)



(TRU40500)

More Information

Common Causes of Failure

Moisture & Corrosion:

Water can enter the system through ineffective wire seals, unprotected splices, unsealed crimps and connectors.

Chemical Damage:

Continuous exposure to many of the common chemicals found in and around trucks can cause plastics to swell, crack, soften or otherwise become degraded.

Abrasion:

Occurs when wires or wire wraps are allowed to rub against frame members or other abrasive surfaces.

Impact:

Lighting and wiring must be protected from the impact of rocks, gravel and other debris.

Vibration:

Broken lamp filaments are one of the most common problems caused by vibration, however it can also lead to the abrasion of mating surfaces which causes connectors and splices to fail.

Extreme Temp:

A variety of conditions lead to extreme temperature build-up which can damage lighting and wiring.

Tensile Loads:

Wiring connected to or around loadbearing components can cause tension or snag a section of wire, disconnecting the lighting.

Flexing:

Making sharp turns around corners and constant flexing on sections that open and close repeatedly.

Grommets

Truck-Lite

60 Series Grommet Mount

7.58 in. x 3.34 Oval

Includes	Type	Color	
- Grommet		Black	TRU60700
Grommet TRU60700 + Pigtail TRU94993	Kit	Black	TRU60403



(TRU60700)



(TRU60403)

Application: Flush Mounting for 60 Series Lamps

Grommet for 2 in. Lamps

2-7/8 in. Round

Back	Color	
Open	Black	LHTGR2000



Application: 2 in. Round Lamps

Grommet for 2-1/2 in. Lamps

3-3/8 in. Round

Back	Color	
Open	Black	LHTGR2500



Application: 2-1/2 in. Round Lamps

UBLights

Grommet for Oval Lamps

7-3/8 in. x 3-1/8 in. Oval

Back	Color	
Open	Black	LHTGR2238



Application: Oval Lamps

Grommet for 4 in. Lamps

5-1/4 in. Round

Back	Color	
Open	Black	LHTGR4000



Application: 4 in. Round Lamps

Accessories

LHT

TruckLite

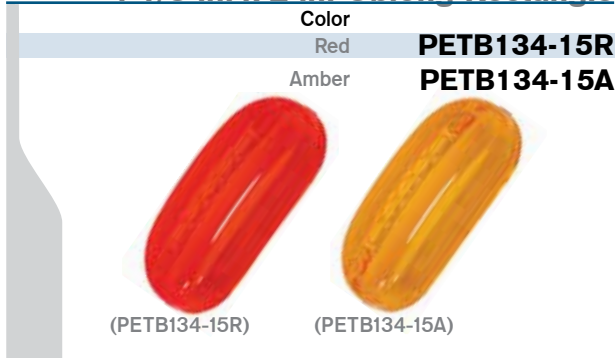
Lighting

Lenses

Peterson

Clearance/Side Marker Replacement Lens

4-1/8 in. x 2 in. Oblong Rectangle



Truck-Lite

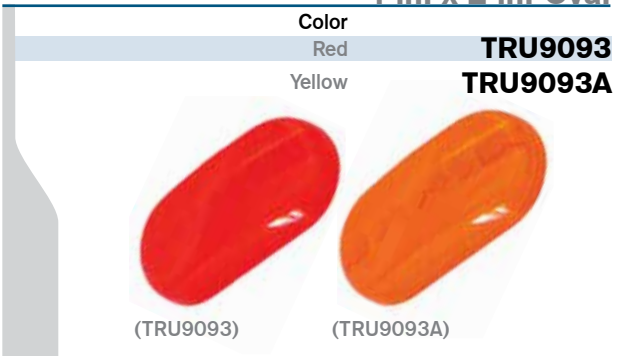
Shock/Mount Permastat Replacement Lens

4 in. x 2 in. Rectangle



Shock/Mount Signal-Stat Replacement Lens

4 in. x 2 in. Oval



More Information

Light Cleaning Materials

The use of solvents which are not compatible with polycarbonate will result in the softening, crazing, and/or cracking of the plastic part. This is especially true of polycarbonate lamps and mounting bases which may be under stress in their normal application.

Compatible Cleaners & Solvents:

Ethanol	Freone TF and TE-35	#1 and #3 Denatured Alcohol
Mineral Spirits	Mild Soap and Water	Methyl, Isopropyl and Isobutyl Alcohols
Mexane	10% Sol Bon Ami	Lacryl PCL-2035 Polycarbonate Cleaner
Dirtex	VM and P Naphtha	Petroleum Ether/ 65 Degrees C Boiling Point
Varsol No. 2	2% Sol. Reg. Joy	
Heptane	White Kerosene	

Damaging Cleaners & Solvents:

Trichlor	Methyl Ethyl Keytone (MEK)	Gasoline	Pink Lux (Phosphate Free)
Acetone	Carbon Tetrachloride	Agitene	Kleenol Plastics
Triclene	Chlorinated Hydrocarbons	Ajax	Lemon Joy (Phosphate Free)
MIBK	Texize-8006, 8129, 8758	Diversol	Stanisol Naphtha
Toluol	Liquid Cleaner - 8211	Lestoil	Oils
Benzol	All Liquid Detergents	Lysol	

Accessories

LHT

PETERSON

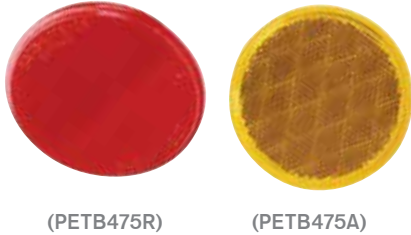
Trucklite

Reflectors

Peterson

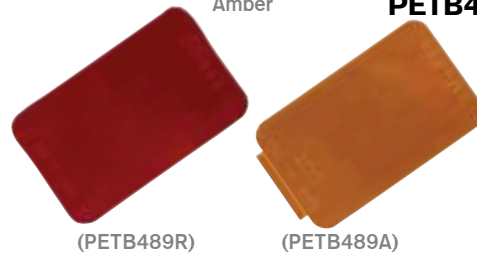
Quick Mount Reflector
3-3/16 in. Round

Color
Red **PETB475R**
Amber **PETB475A**



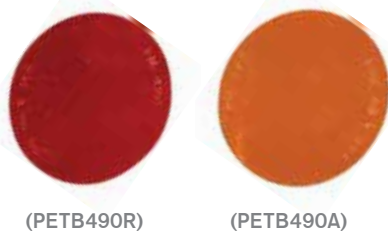
89 Spitfire™ Reflector
2-3/4 in. x 1-3/4 in. Rectangle

Color
Red **PETB489R**
Amber **PETB489A**



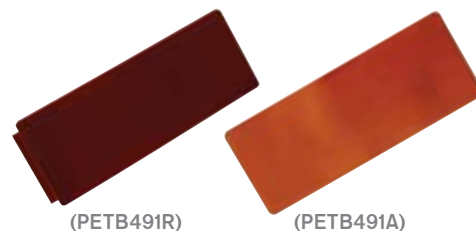
490 Spitfire™ Reflector
2-7/8 in. Round

Color
Red **PETB490R**
Amber **PETB490A**



491 Spitfire™ Reflector
4-5/16 in. x 1-11/16 in. Rectangle

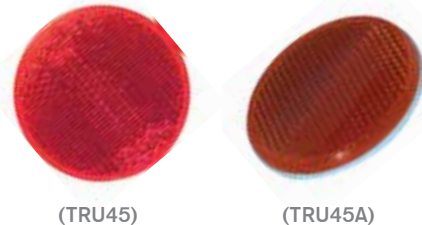
Color
Red **PETB491R**
Amber **PETB491A**



Truck-Lite

Stick-On Reflector
2-3/16 in. Round

Color
Red **TRU45**
Yellow **TRU45A**



Stick-On Reflector
3-3/16 in. Round

Color
Red **TRU47**
Yellow **TRU47A**



Definition

Electrical Term

Reflector:

A non-powered device designed to reflect light. A reflector does not emit light by itself, but will return light that is aimed at it. Reflective tape or reflectors are required by law to supplement lighting systems.

Accessories

LHT

PETERSON

Truck-Lite

Lighting

Reflectors

Truck-Lite

Center-Mount Reflector 2.25 in. Round

Color		
Red		TRU52
Yellow		TRU52A

(TRU52) (TRU52A)

Center-Mount Reflector 3.20 in. Round

Color		
Red		TRU98006R
Yellow		TRU98006Y

Screw Mount Reflector - Flush 3 in. Round Reflector & Aluminum Guard

Guard	Color	
4-5/8 in. x 4.00 in.	Red	TRU41
4-5/8 in. x 4.00 in.	Yellow	TRU41A

(TRU41) (TRU41A)

Retro-Reflective Tape Reflector 3 in. Round

Color		
Red		TRU98175R
Yellow		TRU98175Y

(TRU98175R) (TRU98175Y)

Two Hole Reflector 4.44 in. x 1.94 in. Oval

Mounting	Color	
Stick-On or Screw	Red	TRU54
Stick-On or Screw	Yellow	TRU54A

(TRU54) (TRU54A)

Reflector 3.937 in. x 1.937 in. Oval

Color		
Red		TRU98031R
Yellow		TRU98031Y

(TRU98031R) (TRU98031Y)

Definition

Electrical Term

Acrylic:

A glassy thermoplastic polymerized from acrylonitrile which can be cast and molded, which is resistant to damage from many cleaning solvents.

Accessories

LHT

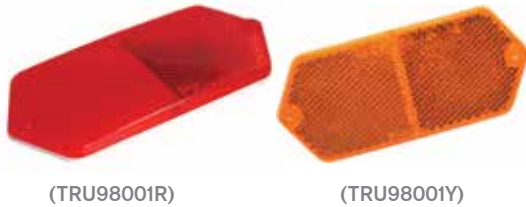
Trucklite

Reflectors

Truck-Lite

Hexagon Reflectors
4.38 in. x 1.92 in. Hexagon

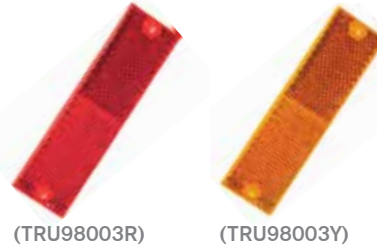
Color
Red **TRU98001R**
Yellow **TRU98001Y**



Material: Acrylic

Compact Reflector
4.38 in. x 1.30 in. Rectangle

Color
Red **TRU98003R**
Yellow **TRU98003Y**



Truck-Lite

Narrow Rail Reflector
12.00 in. x 1.09 in. Rectangle

Color
Clear **TRU98153**



2 Screw or Adhesive Mount

James King & Co.

Ultra High Output Reflector
12.00 in. x 1.12 in. Rectangle

Color
White **JKG2000WP**



Adhesive Mount

Optronics

Center Mount Reflectors
2-3/16 in. Round

Color
Red **OPTRE35RB**
Yellow **OPTRE35AB**



Material: Acrylic

Truck-Lite
Accessories

LHT

KING

OPTRONICS

Standard Cables

7 Way Non-ABS

	Length	Plug	Color	Additional
PROEL1212B	12 ft.	Xenoy	Black	12 in. Lead; Light Duty; 6/14 & 1/12
PROEL1212BM	12 ft.	Zinc	Black	12 in. Lead; Light Duty; 6/14 & 1/12
PHI24-4621	15 ft.	Zinc Die-Cast	Black	PERMACOIL™; 6-14 ga., 1-12 ga.
PROEL1512B	15 ft.	Xenoy	Black	12 in. Lead; Light Duty; 6/14 & 1/12
PROEL1512BM	15 ft.	Zinc	Black	12 in. Lead; Light Duty; 6/14 & 1/12
PROEL1548B	15 ft.	Xenoy	Black	48 in. Lead; 6/14 & 1/12
PROEL1548BM	15 ft.	Zinc	Black	48 in. Lead; 6/14 & 1/12



(PROEL1212B/
PROEL1512B/
PROEL1548B)



(PHI24-4621)

ABS Ready Cables

7 Way

	Length	Plug	Color	Additional
PHI30-2050	12 ft.	PERMAPLUG™	Green	Straight; LECTRAFLEX™; 4/12, 2/10 & 1/8
PHI30-2070	15 ft.	PERMAPLUG™	Green	Straight; LECTRAFLEX™; 4/12, 2/10 & 1/8
PHI30-2071	15 ft.	Zinc Die-Cast	Green	Straight; LECTRAFLEX™; 4/12, 2/10 & 1/8
PHI30-4621	15 ft.	Zinc Die-Cast	Green	Coiled; PERMACOIL™; 4/12, 2/10 & 1/8
PHI30-4921	15 ft.	Zinc Die-Cast	Green	Coiled; PERMACOIL™; 48 in. Lead; 4/12, 2/10 & 1/8
PHI30-9320	12 ft.	PERMAPLUG™	Green	Coiled; LECTRACOIL™; 4/12, 2/10 & 1/8
PHI30-9620	15 ft.	PERMAPLUG™	Green	Coiled; LECTRACOIL™; 4/12, 2/10 & 1/8
PHI30-9621	15 ft.	Zinc Die-Cast	Green	Coiled; LECTRACOIL™; 4/12, 2/10 & 1/8
PHI41-0213	15 ft.		Black	Coiled; 6-14 ga., 1-12 ga.
PROEL1512G	15 ft.	Xenoy	Green	Coiled; 12 in. Lead; 4/12, 2/10 & 1/8
PROEL1512GM	15 ft.	Zinc Die-Cast	Green	Coiled; 48 in. Lead; 4/12, 2/10 & 1/8
PROEL1548G	15 ft.	Xenoy	Green	Coiled; 48 in. Lead; 4/12, 2/10 & 1/8
PROEL1548GM	15 ft.	Zinc Die-Cast	Green	Coiled; 48 in. Lead; 4/12, 2/10 & 1/8
SLO451097	12 ft.	Zinc Plugs	Green	Heavy Duty
SLO451098	15 ft.	Zinc Plugs	Green	Heavy Duty



(PHI30-2050/
PHI30-2070)



(PHI30-4621/
PHI30-4921)



(PHI30-9320/
PHI30-9620/
PHI30-9621)



(PHI41-0213)



(PROEL1512G)



(PROEL1512GM)



(SLO451097/
SLO451098)

**ALL OF OUR PRODUCTS ARE MADE
WITH THE SAME MAIN INGREDIENT**

PRIDE



90 YEARS OF INNOVATION

PHILIPS

Electrical

ABS Ready Cables

ABS Jumper Coil

	Length
WAB14500392	96 in.



Wabash

Lift Gate Cables

Coiled

	Type	Length	Color	Additional
PHI23-4325	Single Pole (Mate: 15-320)	12 ft.	Green	1 hot; 100 amp; 1/4 ga. Fine Stranded Copper
PHI23-4625	Single Pole (Mate: 15-320)	15 ft.	Green	1 hot; 100 amp; 1/4 ga. Fine Stranded Copper
PHI23-2326	Dual Pole (Mate: 15-326)	12 ft.	Black	1 ground, 1 hot; 100 amp; 2/4 ga. Fine Stranded Copper
PHI23-2626	Dual Pole (Mate: 15-326)	15 ft.	Black	1 ground, 1 hot; 100 amp; 2/4 ga. Fine Stranded Copper
PHI23-2628	Dual Pole to Single Pole	15 ft.	Black	1 ground, 1 hot; 100 amp; 2/4 ga. Fine Stranded Copper



(PHI23-4325/
PHI23-4625)



(PHI23-2326/
PHI23-2626)



(PHI23-2628)

Phillips

Braided Ground Strap

	Length	Guage
PHI9-150	13 in.	4
PHI9-151	18 in.	4



Phillips

Plugs

Liftgate Charging Plugs w/Spring Guard

	Type	Pole	Additional
PHI15-335	Zinc Die Cast	Single	Chassis Ground
PHI15-336	Zinc Die Cast	Dual	Return Ground
TEC670-DDSG	Zinc Die Cast	Dual	Both Vertical and Horizontal Socket Design



(PHI15-335)



(PHI15-336)



(TEC670-DDSG)

Plugs

4-Way Plugs

	Type	Includes
PHI15-410	Zinc Die Cast	-
PHI15-430	Zinc Die Cast	Spring Guard
IMXGT-3004	Die Cast	Spring Guard



(PHI15-410)



(PHI15-430)



(IMXGT-3004)

6-Way Plugs

	Type	Includes
PHI15-630	Zinc Die Cast	Spring Guard
IMXGT-3006A	Die Cast	-
IMXGT-3006B	Die Cast	Spring Guard



(PHI15-630)



(IMXGT-3006A)



(IMXGT-3006B)

7-Way Plugs

	Type	Includes	Additional
PHI15-710	Zinc Die Cast	-	Heavy-Duty
IMXGT-3007A	Die Cast	-	
PHI16-730	Weather-Tite™ Permaplug™	-	
PAR670-71SG	Zinc Die Cast	Spring Guard	
IMXGT-3007B	Die Cast	Spring Guard	
PHI15-730	Zinc Die Cast	Spring Guard	
PHI15-830	Zinc Die Cast	Spring Guard	ISO
PROELPLUG7WAY	Zinc Die Cast	Spring Guard	



(PHI15-710)



(IMXGT-3007A)



(PHI16-730)



(PAR670-71SG)



(IMXGT-3007B)



(PHI15-730)



(PHI15-830)



(PROELPLUG7WAY)

Cables

LHT

PHILIPS

pro-par
ONE PART PART PART

Junction Boxes

7-Terminal Style IMXGT-3100



7-Terminal Style

Grommet Positions

A, B, E, G

MIDBE22010

B, E, F, G

MIDBE22040



Accessories

Replacement Terminal Strip
MIDB20309

Haldex

CLEAR-UV™ PHI15-961



Termination: Ring
(7) #10 Stud Posts

Phillips

Super 50 Junction Box Kit TRU50600



12 Entry Ports
16 Terminals - 4 Common Grounds

Includes: ABS box, Clear Lid with screws, terminal block, ground strap, filler plugs & filler plug O-rings

Truck-Lite

Round Junction Box & Components

	Type	Mounting	Includes
TRU50400	Kit	Surface	Junction Box TRU50800 + Cap TRU50816 + Terminal Block TRU50820 + (4) Filler Plugs TRU50830 + Mounting & Assembly Screws
TRU50401	Kit	Buckplate	Junction Box TRU50801 + Cap TRU50816 + Terminal Block TRU50820 + (4) Filler Plugs TRU50830 + Mounting & Assembly Screws
TRU50800	Junction Box	Surface	-
TRU50801	Junction Box	Buckplate	-
TRU50816	Cap	-	-
TRU50820	Terminal Block	-	-
TRU50830	Filler Plug	-	-



(TRU50800)



(TRU50801)



(TRU50816)



(TRU50820)



(TRU50830)

Truck-Lite

Connections

Haldex

LHT

PHILIPS

Truck-Lite

Junction Boxes

Compression Fittings

	Type	Use
TRU50840	3/8 in. I.D. Fitting	2 Conductor Cable
TRU50841	1/2 in. I.D. Fitting	4 & 5 Conductor Cable
TRU50842	3/4 in. I.D. Fitting	6 & 7 Conductor Cable
TRU50843	5-Hole Fitting	Single Conductor Wire
TRU50846	Fitting	3 Conductor Flat Cable
TRU50847	Fitting	4 Conductor Flat Cable



3 Part Fitting Includes:
 - Pre-tapped Cap
 - Threaded Base
 - Black PVC Grommet

(6) Grommet Hole Sizes Available:



(TRU50840)



(TRU50841)



(TRU50842)



(TRU50843)



(TRU50846)



(TRU50847)

Truck-Lite

4-Outlet Distribution Module TRU77804



Truck-Lite

77 Series Harness System

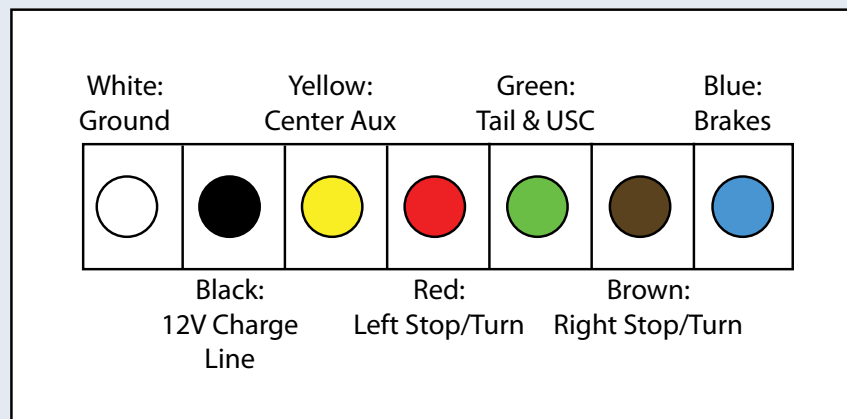
Connections

LHT

More Information

Identification

7-Way Junction Box Identification Chart



Nose Boxes

Ultra-Pin Receptacle 5-3/8 in. x 6-1/4 in. Rectangle

Type	Part Number
Solid Pin	GRT87590
Split Pin	GRT87830

Front View
(GRT87590)

Front View
(GRT87830)

Mount: 4 Holes
Pins: Brass

Housing: Aluminum
No Circuit Breaker

Ultra Nose Box® 7-1/4 in. x 7-5/8 in. Rectangle

Type	Part Number
Replacement Cover for 87141	GRT97831
Ultra Nose Box, Solid Pin	GRT87141

(GRT97831)

(GRT87141)

Material: Nylon

Replacement

Socket
97900

Interline Nose Assembly

Includes

(1) BE23602 6-Way, (1) BE23703 7-Way, (1) 15 Amp Circuit Breaker Panel, (1) Spring Loaded Quick Insert, 11451 Gladhand & 11452 Gladhand

MIDBE26100

(1) BE23703 7-Way, (1) 15 Amp Circuit Breaker Panel, 11451 Gladhand & 11452 Gladhand

MIDBE26103

(MIDBE26100 Shown)

DFDR Nose Box with Receptacle MXIHW548

Part Number	Type	Housing	Depth	Includes
PHI15-768	Nosebox Only	Zinc Die-Cast	1-7/8 in.	-
PHI15-769	Kit	Zinc Die-Cast	1-7/8 in.	Gasket, Grommet & Socketbreaker Mounting Hardware
PHI15-775	Kit	Zinc Die-Cast	3-1/8 in.	Gasket, Grommet & Socketbreaker Mounting Hardware
PHI16-775	STA-DRY® Single Cavity Nosebox Kit	Nylon	3-1/2 in.	Gasket, Grommet & Socketbreaker Mounting Hardware
PHI16-777	STA-DRY® Dual Cavity Nosebox Kit w/Backplate	Nylon	3-1/2 in.	Grommet & Socketbreaker Mounting Hardware
PHI16-779	STA-DRY® Single Cavity Nosebox Kit w/Backplate	Nylon	2-1/2 in.	Grommet & Socketbreaker Mounting Hardware



(PHI15-768)



(PHI15-775)



(PHI16-775)



(PHI16-777)

Phillips

Grote

Connections

LHT

HalDEX

PHILIPS

Nose Boxes

QBOX™
PHI16-8510



Phillips

Includes QCS2® Quick Connect Socket
No circuit breakers

Replacement
Lid Repair Kit
16-850

Volt Box
PHI16-8170



Phillips

Front 7-Way

STA-DRY S7™ Nose Box
without Circuit Breakers
PHI16-9510



Phillips

Socket Swivels 80° side to side; Durable weather-resistant housing

Replacement
Lid
PHI16-9515

PERMALOGIC™ Nose Box
Trailer Dome Lamp Controller
PHI60-2520



Phillips

Single circuit with no breakers
Material: Non-metallic

Surface Mounted Adapter Box
TRA3826040





Tramec

Depth: 4 in.
Entry: Bottom

Surface Mounted Adapter Box


Depth	Entry	
2 in.	Bottom	TRA38265
2 in.	Back	TRA38265B

Tramec

Smart Box

Deep	Pins	Type	
2-1/4 in.	Split	Box	TRA38521
		Adapter Box	TRA3850031




Tramec

(TRA38521)

Accessories
Replacement Receptacle
TRA38501
Cover Gasket
TRA3850008
Anodized Aluminum
Cover Plate
TRA3850015

7-Way Receptacle Systems

	Additional Deep	Pins	
Self Grounding Box	2 in.	Split	TRA38351G-5
Stacking Studs, Back Entry	2 in.	Split	TRA38353B



Tramec

(TRA38353B)

Accessories
Lid Repair Kit
TRA38204

Connections

LHT

PHILIPS

TRAMEC
SLOAN

Connections

Electrical

Nose Boxes

Polycarbonate Nose Box

	Breakers	Addtl Info
TRU50805	None	50 Series, 7 Solid Pin, Poly, Surface Mount
TRU50806	15 amp	50 Series, 7 Solid Pin, Poly, Surface Mount
TRU50810	None	

Accessories

Lid Repair Kit
TRU50808



(TRU50805/ TRU50806)

(TRU50810)

Truck-Lite

Smart Box

	Pins	Addtl Info
TRU50878	Solid	50 Series, 7 Solid Pin, Plastic, Surface Mount
TRU50879	Split	50 Series, 7 Split Pin, Plastic, Surface Mount

Accessories

Replacement Receptacle
- Solid Pin
TRU50813
Replacement Receptacle
- Split Pin
TRU50898



(TRU50878)

(TRU50879)

Truck-Lite

EZ 7-Way Kit WABEZ7WAYKIT-1



Complete with box enclosure

Wabash

More Information

www.MyAuroraPlus.com

Need more information on a particular trailer, log into www.MyAuroraPlus.com for Aurora's Graphical Bill of Material (GBOM). Easily point and click through visual elements of a trailer to drill down to an individual trailer.

Receptacles

Single Pole Liftgate Sockets

Material	Pins	
Die-Cast	Solid	IMXGT-3010



Grote

Material	Pins	
Zinc Die-Cast	Solid	PHI15-320



Phillips

Dual Pole Liftgate Sockets

Pins	Type	
Split	Ultra-Pin Receptacle	GRT87250



Grote

Pins	Type	
Solid	Liftgate Charging	PHI15-326



Phillips

4-Way Sockets

Pins	Type	
Split	Die-Cast	IMXGT-3014



Grote

Pins	Type	
Split	Zinc Die-Cast	PHI15-400



Phillips

Connections

LHT

PHILLIPS

Grote


Receptacles

6-Way Sockets

Material	Pins	
Die-Cast	Solid	IMXGT-3016



Material	Pins	
Zinc Die-Cast	Solid	PHI15-600



Phillips

7-Way Sockets

7-Way Socket Composite

	Pins	Terminal	Mounting Holes	Additional
PHI16-720	Split	Wire Insert	2	STA-DRY®
PHI16-722	Split	Ring	2	STA-DRY®
PHI16-724	Split	Bullet	2	
PHI16-7242	Solid	Bullet	2	
PHI16-726	Split	Bullet	2	Replacement Socket; Bullet with Locking Clip for QCS®
PHI16-822	Split	Ring	2	ISO
PHI16-826	Split	Bullet	2	With Locking Clip
PHI16-7842		Ring	2	STA-DRY® QCS2® Replactment Kit
IMXGT-3338	Solid	Push-In	2	With Gasket; Replacement for Nose Box
MXIHW411	Split	Push-In	2	
TRA38501	Solid		2	For Smart Box
TRA38502	Split		2	For Smart Box
TRU50813	Solid		2	
TRU50898	Split		2	



PHILIPS

Connections

LHT

TRAMEC
SLOAN

Trucklite

Receptacles

7-Way Sockets

7-Way Socket Die-Cast

	Mounting Holes	Additional
IMXGT-3227	2	Pollack Style
IMXGT-3227E	2	Economy Style
IMXGT-3337	2	EZ 7-Way Base
PHI15-720	2	Heavy Duty
PROELSOCKET7WAY	2	Split Pin
WABEZ7WAY-CON	2	EZ 7-Way



(IMXGT-3227)



(IMXGT-3227E)



(IMXGT-3337)



(PHI15-720)



(PROELSOCKET7WAY)



(WABEZ7WAY-CON)

7-Way Socketbreaker Composite Less Breakers

	Pins	Terminal	Additional
PHI16-760	Split	Ring	STA-DRY®
PHI16-7602	Solid	Ring	STA-DRY®
PHI16-7602-28	Solid	0.180 Bullets	STA-DRY®, 28 Rear Pin, 4 Connections per Circuit
PHI16-77029-28	Solid	0.180 Bullets	STA-DRY®, 28 Rear Pin, 4 Connections per Circuit, With 3-1/2 in. Box
PHI16-7709-28	Split	0.180 Bullets	STA-DRY®, 28 Rear Pin, 4 Connections per Circuit, With 3-1/2 in. Box
TRA38202	Split	Screw	
TRA38360	Solid	Ring	With Stacking Studs
TRA38361	Split	Ring	With Stacking Studs
TRU50866	Solid	Ring	With Threaded Stacking Studs
TRU50867	Split	Ring	With Threaded Stacking Studs



(PHI16-760)



(PHI16-7602)



(PHI16-7602-28)



(PHI16-77029-28/
PHI16-7709-28)



(TRA38202)



(TRA38361)



(TRU50861)



(TRU50866)



(TRU50867)

Receptacles

7-Way Sockets

7-Way Socketbreaker Composite with Breakers

	Breaker	Pins	Terminal	Additional
PHI16-762	20 amp	Split	Ring	STA-DRY®
PHI16-762-28	20 amp	Split	0.180 Bullet	STA-DRY® · 28 Rear Pin
PHI16-7622-28-1	20 amp	Solid	0.180 Bullet	STA-DRY® · 28 Rear Pin
PHI16-763	30 amp	Split	Ring	STA-DRY®
PHI16-7632-28	20 amp	Split	0.180 Bullet	STA-DRY® · 28 Rear Pin
PHI16-7729-28	20 amp	Split	0.180 Bullet	STA-DRY®, 28 Rear Pin, 3-1/2 in. Box
TRA38213	20 amp	Split	Screw	



(PHI16-762/
PHI16-762-28/
PHI16-7622-28-1)



(PHI16-763)



(PHI16-7632-28)



(PHI16-7729-28)



(TRA38213)

7-Way Socketbreaker Die-Cast

	Breaker	Pins	Terminal	Additional
PHI15-750	-	Split	Screw	Low Profile
PHI15-752	20 amp	Split	Screw	Low Profile
PHI15-760	-	Split	Screw	Extended Barrel
PHI15-762	20 amp	Split	Screw	Extended Barrel
PHI15-763	30 amp	Split	Screw	Extended Barrel
MIDBE24000	-	Split	Screw	Breaker Style
MIDBE24001	-	Split	Screw	Non-Breaker Style
MIDBE24020	20 amp	Split	Screw	Non-Breaker Style
MIDBE24030	30 amp	Split	Screw	Non-Breaker Style
IMXGT-3017	-	-	-	-



(PHI15-750)



(PHI15-752)



(PHI15-760)



(PHI15-762/
PHI15-763)



(MIDBE24000)



(MIDBE24001)



(MIDBE24015/
MIDBE24020)



(MIDBE24030)



(IMXGT-3017)

Receptacle Accessories

**Receptacle Boot
IMXGT-3200**



Fits: IMXGT-3227 & IMXGT-3227E

**Receptacle Boot
MIDB205010**



Material: Neoprene
Length: 4 in.

**Socket Boot
PHI15-740**



Fits: PHI15-320, PHI15-720, PHI15-721,
PHI15-722, PHI16-720, PHI16-721,
PHI16-722, PHI16-822

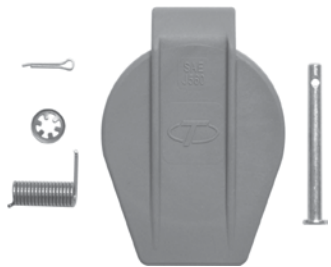
**Receptacle Boot
TRU50890**



Material: Natural Rubber

Lid Field Service Kit

For	Color	
Tramec Composite Receptacles	Gray	TRA38204



Lid Replacement Kits

For	
Standard	TRU50875 TRU50808
50805, 50806, 50822	



Lid Replacement Kits

	Color	For
PHI15-796	Metallic	PHI15-762
PHI16-798	Gray	STA-DRY® Sockets
PHI16-799	Black	STA-DRY® Sockets



(PHI15-796)



(PHI16-798)



(PHI16-799)

Phillips

Haldex
PHILIPS
Connections
LHT
Truck-Lite
TS TRAMEC SLOAN

Receptacle Accessories

Extended Barrel Face Plate
PHI15-773-1



Phillips

For: PHI15-760, PHI15-761, PHI15-762, PHI15-763

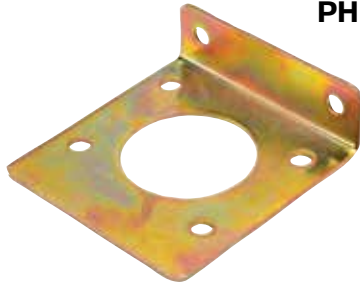
Adapter Plate
PHI15-770



Phillips

Standard socket to nosebox

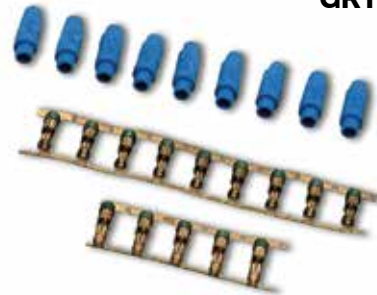
90° Mounting Bracket
PHI15-788



Phillips

For: PHI15-720, PHI15-721, PHI15-722, PHI15-326, PHI15-320

Terminal Retrofit Kit
GRT99510



Grote

Material: (14) Terminals & (9) Boots

7-Way Durometer Wedge Spacer
MXIMS90-1012-00



Maxi-Seal

7-Way Replacement Insert
PHI15-711



Phillips

Standard Phillips J560 plug

Quick Change Plug Cartridge
PHI16-125



Phillips

For: QCP™ assemblies only

Smart Nose Box Gasket
TRA3850008



Tramec

Connections

LHT

PHILLIPS

TRAMEC SLOAN

Receptacle Accessories

Smart Nose Box Cover
TRA3850015



Tramec

Circuit Breaker

Amp
30 IMXGT-3553



Tech Tips

Winterizing Your Electrical Harness



If you don't have a sealed front end, corrosion and contamination will work their way into the front of the harness, clogging the arteries, making the sealed harness useless. There are a few options available when it comes to sockets that are made to withstand the effects of moisture and corrosion:

- **Metal Sockets** are the most cost effective and will do the job but only the socket housing itself will be protected rather than the electricals within.
- **Glass Filled Nylon Sealed Sockets** are the preferred choice. Make sure they are insert molded. Insert molding seals the pins to the housing which will prevent contamination from entering the harness system.

If you don't have a sealed front end, make sure to do the following in order to help better resist the winter months:

- Make sure to secure all pigtails as close to the lamps as possible to avoid road ice build up.
- Check for any damage to the harness insulation and repair.
- Cleaning the 7 way socket and plug connections and applying dielectric grease is an important step to the process.

Connections

LHT

TRAMEC
SLOAN

Harnesses

Grote

Multiple ID Lamp Jumper

Slim-Line Under-Lamp Male to Female
GRT66160



Plug	Termination	Length
Female	Male	12 in.

Rear Tracking Lamp Jumper

Std Male to Slim-Line Under-Lamp Female
GRT66170



Plug	Termination	Length
Female	Male	24 in.

Grote

Insulated Ground Return Jumper

Blunt-Cut to Standard Female
GRT66200



Plug	Termination	Length
Female	Blunt-Cut	8 in.

Phillips

Front Dolly Y Harness

PHI41-3040



Type	Additional	Length
Coil	with ABS drop	11 ft.

Harnesses

LHT

Grote

PHILIPS

More Information

Light Connectors

Incandescent Light Connectors



Marker



Stop/Turn (S/T)
Stop/Turn/Tail (S/T/T)

LED Light Connectors



Marker

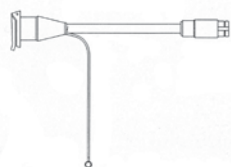


Stop/Turn (S/T)
Stop/Turn/Tail (S/T/T)

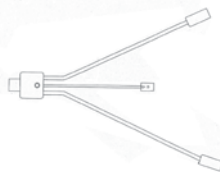
Harnesses

Transcraft

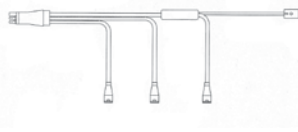
	Type	Additional
TSCPQA-417	Front 7 Way, 10 in. Whip Attached	
TSCPQA-419	Center Rear Harness, 3 in. & 20 in. w/5 in. Lead	Connects Main to Rear Sill/Lamp Harnesses
TSCPQA-420	Tail Lamp Harness w/Marker Lead, Curbside	
TSCPQA-421	Tail Lamp Harness w/Marker Lead, Roadside	



(TSCPQA-417)



(TSCPQA-419)



(TSCPQA-420/
TSCPQA-421)

Truck-Lite

	Type
TRU88810	24 Main Retro Fit/Repair
TRU88737-0312	88 Intermediate Main
TRU88910	Rear
TRU88892	88 Series Nose Box Jumper



(TRU88810)



(TRU88737-0312)



(TRU88910)



(TRU88892)

Harnesses

LHT

Transcraft

TruckLite

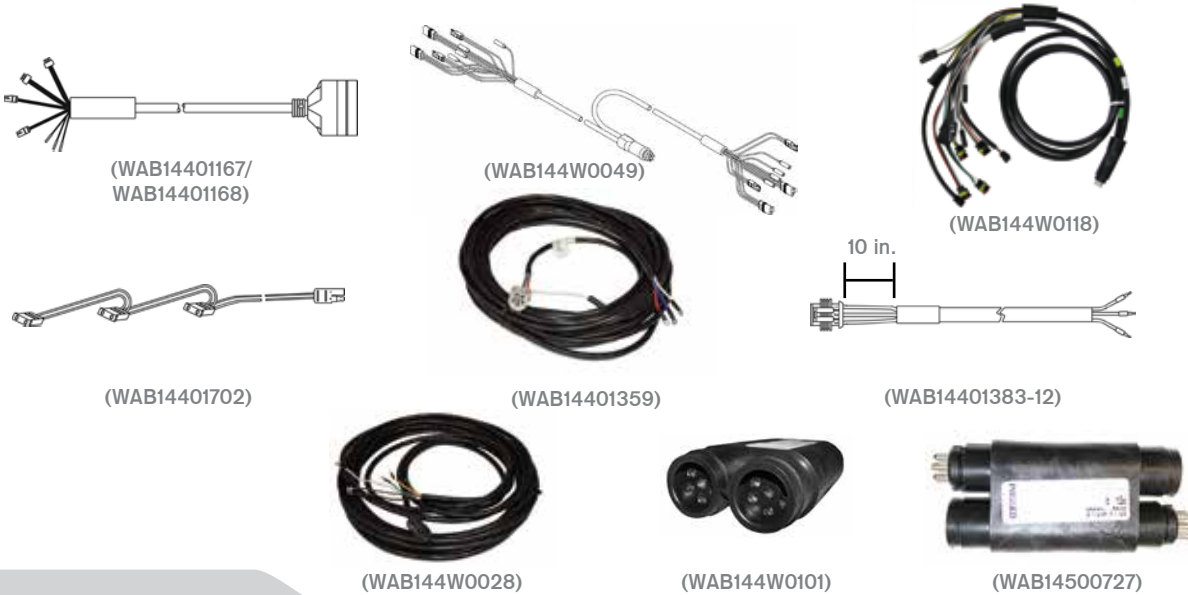
More Information

www.MyAuroraPlus.com

Need more information on a particular trailer, log into www.MyAuroraPlus.com for Aurora's Graphical Bill of Material (GBOM). Easily point and click through visual elements of a trailer to drill down to an individual trailer.

Harnesses

	Type	Additional
WAB14401167	Rear Harness, Roadside, 60 in.	1-12, 4-14, Round Cable
WAB14401168	Rear Harness, Curbside, 60 in.	1-12, 4-14, Round Cable
WAB144W0049	Rear Sill LED Harness, RS/CS, 60 in.	
WAB144W0118	Rear Sill LED Harness	
WAB14401702	Upper ID Harness	Polarized, 2-Way, 42 in. Lead, 14 in. Centers
WAB14401359	ABS Harness, 48 ft.	
WAB14401383-12	Turn Signal Harness	LED, Fit'N Forget, (3) 0.180 Bullets
WAB144W0028	Main Cable, 6-Wire, 684 in.	
WAB144W0101	Double Module Adapter Plug	
WAB14500727	Junction Block	



Harnesses

LHT



Pigtails

Grote

Sealed Marker Lamp Pigtails

6 in. Long

	Type	Plug	Termination
GRT66801	Single Seal	Male	Ground Return, Slim-Line 0.180 Bullet
GRT66850	Double Seal	Male	Chassis Ground, Slim-Line 0.180 Bullet
GRT66851	Double Seal	Male	Ground Return, Slim-Line 0.180 Bullet
GRT67001	Double Seal	Male	Ring Terminal Ground, Blunt-Cut Wire
GRT67050	Single Seal	Male	Ring Terminal Ground, Blunt-Cut Wire



(GRT66801)



(GRT66850)



(GRT66851)



(GRT67001)



(GRT67050)

S/T/T Three-Wire Plug-In Pigtails

for Male-Pin Lamp

	Length	Plug	Termination
GRT66815	6 in.	Female	Ground Return, Slim-Line 0.180 Bullet
GRT66841	8 in.	Female	Chassis Ground, Slim-Line 0.180 Bullet
GRT67002	11 in.	Female	Chassis Ground, Blunt-Cut Wire



(GRT66815)



(GRT66841)



(GRT67002)

Adapter Plugs

6 in. Long

	Plug	Termination
GRT66830	Female	Male
GRT66831	Male	Female



(GRT66830)



(GRT66831)

Sentry Lamp Pigtails

6 in. Long

	Plug	Termination
GRT66900	Female	Slim-Line 0.180 Bullet, Chassis Ground, Star Ring Terminal (3-1/2 in. Ground)
GRT66904	Female	Slim-Line 0.180 Bullet, Ground Return
GRT66905	Female	Slim-Line 0.180 Bullet, Chassis Ground



(GRT66900)



(GRT66904)



(GRT66905)

Harnesses

LHT

Pigtails

Grote

Turtleback® II Double-Seal Lamp Pigtails

	Length	Plug	Termination
GRT66910	6 in.	Female	Slim-Line 0.180 Bullet, Chassis Ground
GRT66911	6 in.	Female	Slim-Line 0.180 Bullet, Ground Return
GRT67070	2-1/2 in.	Female	Standard 0.180 Bullet, Ground Wire



(GRT66910)



(GRT66911)



(GRT67070)

Thin-Line LED Pigtails

	Length	Plug	Termination
GRT66930	5 in.	Female	Chassis Ground, Slim-Line 0.180 Bullet
GRT66931	6 in.	Female	Ground Return, Slim-Line 0.180 Bullet



(GRT66930)



(GRT66931)

S/T/T Three-Wire Plug-In Pigtail for Female Pin Lamp **GRT67000**



Length	Plug	Termination
11-1/2 in.	Male	Blunt-Cut Wires, Chassis Ground

S/T/T Three-Wire 90° Plug-In Pigtail for Male Pin Lamp **GRT67005**



Length	Plug	Termination
11 in.	Female	Blunt-Cut Wires, Chassis Ground

Midturn Adapter Harness for use with ULTRA-BLUE-SEAL® **GRT66823**



Length	Plug	Termination
6 in.	Male	Male, Standard 0.180 Bullet

Hard-Shell Connector using Hard Shell SuperSeal 1.5 Series **GRT66861**



Length	Plug	Termination
11 in.	Female	Blunt-Cut Wires, Chassis Ground

Harnesses

LHT

Grote

Pigtails

Grote

High-Mount Stop Lamp

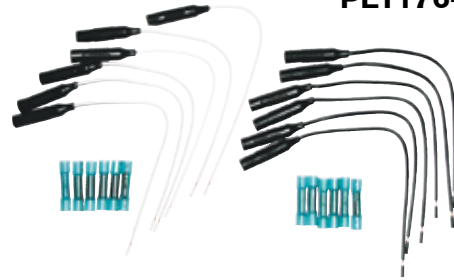
for use with **ULTRA-BLUE-SEAL®**
GRT66870



Length	Plug	Termination
12-1/2 in.	Male	Slim-Line 0.180

Peterson

Lead Wires
PET176-496



Termination	Includes
0.180 Bullet	(6) White, (6) Black, (12) Butt Connectors

Peterson

Right-angle Incandescent Plugs
PETB421-491



Length	Termination
10-1/2 in.	Hot Wire Stripped, #10 Ring Ground Wire

Straight Male Pin 3-Wire Plug Pigtail
PETB431-491



Length	Termination
10-1/2 in.	Hot Wire Stripped, #10 Ring Ground Wire

Phillips

Connector with STA-DRY® Sealed Boot
PHI51-96310



Length	Termination
8 in.	(2) Bullet

Grote
Harnesses
LHT
PETERSON
PHILLIPS

Pigtails

Truck-Lite

Identification Harness

for Incandescent Identification Bar

	Length	Plug	Termination
TRU93906	22-1/2 in.	Male	Blunt Cut, 6 in. Center, #10 Ring Terminal
TRU93908	28 in.	Male	Blunt Cut, 9 in. Center, #10 Ring Terminal
TRU93943	22-1/2 in.	Male	0.180 Moulded Bullet, 6 in. Center, #10 Ring Terminal



Model 19 Lamp Plugs

	Length	Plug	Termination	Type
TRU94727	7-1/2 in.	Female	Blunt Cut	Pigtail
TRU94729	7-1/2 in.	Female	#10 Ring Terminal Ground, Blunt Cut	Plug
TRU96904	6 in.	Female	Blunt Cut	Hot Wire



(TRU94727)



(TRU94729)



(TRU96904)

Super 21 Lamp Plugs

	Length	Plug	Termination
TRU96930	12 in.	Male	Blunt Cut
TRU96932	5 in.	Male	0.180 Moulded Bullet



(TRU96930)



(TRU96932)

S/T & S/T/T Plugs

	Length	Plug	Termination
TRU94925	11 in.	Male	Blunt Cut, #10 Ring Terminal Ground, 2-Wire, Stop/Turn
TRU94926	11 in.	Male	(2) Blunt Cut, #10 Ring Terminal Ground, 3-Wire, Stop/Tail/Turn



(TRU94925)



(TRU94926)

Right Angle S/T/T Plugs with Adapter

	Length	Plug	Termination
TRU94897	5 in.	Male	Convert Single Female Plug to Single Male Plug
TRU94932	10 in.	Female	Converts 1 S/T/T Male Plug to 2 S/T/T Male



(TRU94897)



(TRU94932)

Harnesses

LHT

Trucklite

Pigtails

Truck-Lite

Right Angle S/T/T & S/T Plugs

	Type	Length	Plug	Termination
TRU94802	S/T/T	13 in.	Male	(2) 0.180 Molded Bullet, #10 Ring Terminal Ground
TRU94931	S/T/T	49 in.	Male	(2) Blunt Cut, #10 Ring Terminal Ground
TRU94992	S/T	10-1/4 in.	Male	Blunt Cut, #10 Ring Terminal Ground (10-1/2 in.)
TRU94993	S/T/T	11 in.	Male	Blunt Cut (11 in.), 0.19 Blunt Cut (10-3/4 in.), #10 Ring Terminal Ground (11 in.)



(TRU94802)



(TRU94931)



(TRU94992)



(TRU94993)

Right Angle Marker Clearance Plugs

	Length	Plug	Termination
TRU94924	6-1/2 in.	Male	Blunt Cut, #10 Ring Terminal Ground
TRU94964	6.00 in.	Male	0.180 Moulded Bullet, #10 Ring Terminal Ground



(TRU94924)



(TRU94964)

Marker Clearance Plugs

	Length	Plug	Termination
TRU94972	6 in.	Male	0.180 Moulded Bullet, 0.180 Moulded Bullet Ground (6-1/2 in.)
TRU94902	6-1/2 in.	Male	Blunt Cut, #6 Ground Terminal (7 in.)
TRU94850	6-1/2 in.	Male	0.156 Moulded Bullet
TRU94916	18-1/2 in.	Male	Blunt Cut, #10 Ring Terminal Ground (19 in.)



(TRU94972)



(TRU94902)



(TRU94850)



(TRU94916)

Definition

Electric Term

Pigtail:

Relatively short connection cable that connects light and harness. Usually a 1, 2, 3, or 4 wire design with termination designed to mate with a socket or pin connection area on the lamp.

Pigtails

Truck-Lite

LED Fit 'N Forget® Adapter Plugs

	Type	Length	Plug	Termination
TRU93745	M/C	4.00 in.	Female	Marker Clearance Adapter
TRU94789	S/T	8.00 in.	Female	Male Conventional to LED S/T
TRU94706	S/T/T	8.00 in.	Female	Male Conventional to LED S/T/T
TRU94768	S/T/T	8-1/2 in.	Female	Converts 1 Fit 'N Forget to 1 incandescent
TRU95399	S/T/T	11.00 in.	Female	Converts 1 to 2 Fit 'N Forget



(TRU93745)



(TRU94789)



(TRU94706)



(TRU94768)



(TRU95399)

Fit 'N Forget® Marker Clearance Plugs

	Length	Plug	Termination
TRU94718	5 in.	Female	#10 Ring Terminal Ground (4-1/2 in.), 0.180 Moulded Bullet
TRU94861	5 in.	Female	#6 Ring Terminal Ground (4-1/2 in.), Heat Shrink Butt Splice
TRU94862	5 in.	Female	#6 Ring Terminal Ground (4-1/2 in.), 0.180 Moulded Bullet
TRU97005	5 in.	Female	(2) 0.180 Moulded Bullet
TRU97006	5 in.	Female	Heat Shrink Butt Splice Ground (4-1/2 in.), Heat Shrink Butt Splice
TRU94736	18 in.	Female	(2) 0.180 Moulded Bullet



(TRU94718)



(TRU94861)



(TRU94862)



(TRU97005)



(TRU97006)



(TRU94736)

Miscellaneous Plugs & Adapters

	Type	Additional
TRU96106	Plug, 2 Pin Right Angle, Female	Used with Male Pin Lamps
TRU97340	35 Series Dual-Function Pigtail, 11-1/2 in.	Male/Female Bullet to (1) Male Fit'N Forget & (1) Female Fit'N Forget; Used to Turn Marker Lamps to Brake Lamps



(TRU96106)



(TRU97340)

Harnesses

LHT

Truck-Lite

Pigtails

Truck-Lite

Fit 'N Forget® S/T/T Plug

	Length	Plug	Termination
TRU95424	6-1/2 in.	Female	(3) Blunt Cut
TRU94707	8.00 in.	Female	(2) Blunt Cut, #10 Ring Terminal Ground



(TRU95424)



(TRU94707)

Marker Clearance Socket TRU94940



Application: Use with 18300R/Y & 25760 Bulbs

Color	Plug	Termination	Length
White	Socket	Blunt Cut #10 Ring Terminal Ground	12 in.

License Lamp Plug TRU94923



Type	Plug	Termination	Length
Straight	Female	Blunt Cut	18 in.

Fit 'N Forget® S/T TRU94759



Length	Termination
8 in.	(2) 6/32 in. Wire Strip, #6 Ground Terminal

Harnesses

LHT

More Information

www.MyAuroraPlus.com

For information on a specific trailer use VIN Search on www.MyAuroraPlus.com. Just fill in the manufacturer, type and VIN number. The website will provide a diagram for your selection to narrow the location of interest.



Pigtails

UBLights

Single Contact Right Angle Pigtail LHTPT6020



Length	Termination
6 in.	Blunt Cut, #10 Ring Terminal

Double Contact Right Angle Pigtail LHTPT9530



Length	Termination
9 in.	(2) Blunt Cut, #10 Ring Terminal

Flatbed

Pigtails

	For
TSCPQA-091	Marker Light
TSCPQA-333	ID Marker Rear
TSCPQA-334	Corner Rear
TSCPQA-425	Midturn



(TSCPQA-091)



(TSCPQA-333)



(TSCPQA-334)



(TSCPQA-425)

Harnesses

LHT

Transcraft

More Information

Truck-Lite Dielectric Grease



NYK-77 Compound

NYK-77 Compound is a dielectric grease used as a corrosive preventative for electrical contacts, switches & junction boxes. Dielectric material does not conduct electricity under normal circumstances.

Application

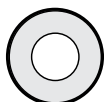
- Sealed Connections (such as Fit'N Forget™) - apply a very light coat of grease. Normally does not require re-application.
- Standard Connections (such as bullet terminal plugs) - apply a heavy amount of grease. Normally requires re-application occasionally.

TRU97940 can, 8 oz.
TRU97944 tube, 2 oz.

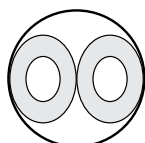
TRU98013 tube, 5 oz.
TRU97943 can, 1 qt.

Cable Wire

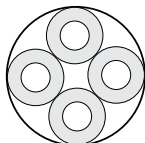
	Type	Gauge	Black	White	Red	Brown	Green	Yellow	Blue	Length	Additional
ELT1-3	1-Way	14					X			100 ft.	
ELT1-5	1-Way	14						X		100 ft.	
ELT1-10	1-Way	14	X							100 ft.	
ELT1-17	1-Way	14							X	100 ft.	
ELT1-23	1-Way	14				X				100 ft.	
ELT1-36	1-Way	14			X					100 ft.	
ELT1-43	1-Way	14		X						100 ft.	
ELT1-35	1-Way	16			X					100 ft.	
ELT2-4	2-Way	14	X	X						100 ft.	
PHI2-402	2-Way	(1) 14, (1) 2	X	X						100 ft.	
ELT2-1	4-Way	12	X	X	X	X				100 ft.	
ELT2-10	4-Way	14	X	X	X	X				100 ft.	
ELT2-21	6-Way	14	X	X	X	X	X	X		100 ft.	
PHI3-327	7-Way	(4) 12, (2) 10, (1) 8	X	X	X	X	X	X	X	100 ft.	ABS Cable
ELT2-3	7-Way	(6) 12, (1) 10	X	X	X	X	X	X	X	250 ft.	
ELT2-30	7-Way	(6) 12, (1) 10	X	X	X	X	X	X	X	100 ft.	
ELT2-33	7-Way	(6) 14, (1) 12	X	X	X	X	X	X	X	250 ft.	
ELT2-31	7-Way	14	X	X	X	X	X	X	X	100 ft.	



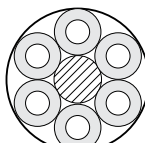
(1-Way)



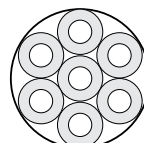
(2-Way)



(4-Way)



(6-Way)



(7-Way)

Wire Accessories

Butt Connectors

	Color	Gauge	Count	Packaging
ELT10-11	Yellow	12-14	100	Bag
PHI1-1861	Yellow	12-10	25	Bag
ELT10-10	Clear	16-14	100	Bag
GRT83-2350	Blue	16-14	100	
PHI1-1862	Blue	16-14	25	Bag
PHI1-1962J	Blue	16-14	100	Jar
PHI1-2062	Blue	16-14	100	Bag
PHI1-1863	Red	22-18	25	Bag



(ELT10-11)



(PHI1-1861)



(ELT10-10)



(GRT83-2350)



(PHI1-1862)



(PHI1-1962J)



(PHI1-2062)



(PHI1-1863)

Wire Accessories

Insulated Ring Terminal

	Color	Gauge	Stud Size	Count
ELT3-18	Red	16-14	10	100
PHI1-1923	Blue	16-14	10	25
PHI1-1933	Yellow	12-10	10	25



(ELT3-18)



(PHI1-1923)



(PHI1-1933)

Phillips

Split Loom

	Inner Diameter	Length
PHI5-536	1-3/8 in.	100 ft.



(PHI5-536)

Phillips

Wire Ties

	Color	Length	Count
ELT19-20A	Black	5 in.	100
ELT19-4	Clear	7-1/2 in.	50
ELT19-22A	Black	7-1/2 in.	100
ELT19-8	Natural	11 in.	50
ELT19-26A	Black	11-1/2 in.	100
ELT19-29	Black	14 in.	50
ELT19-29A	Black	14 in.	100
EPM05727	Black	14 in.	100
ELT19-24	Black	24 in.	50



Wire

LHT

PHILIPS

Rubber Cushion Clamps

Size	
1/4 in.	PHI5-45124
3/8 in.	PHI5-46271



Phillips

Application: hanging split loom

Wire

Flashers

12-Lamp Electromechanical

Additional	Terminal	
60 to 120 flashes per minute	2	GRT44530
60 to 120 flashes per minute	3	GRT44540

Grote



(GRT44530)



(GRT44540)

20-Lamp

Additional	Terminal	
70 to 120 flashes per minute	2	TRU282

Truck-Lite



Fuses

ATO

	Color	Type	Count
FUSATO10B	Red	10 amp	25
FUSATO15B	Blue	15 amp	25
FUSATO20B	Yellow	20 amp	25
FUSATO25B	Clear	25 amp	25
FUSATO30B	Green	30 amp	25



(FUSATO10B)



(FUSATO15B)



(FUSATO20B)



(FUSATO25B)



(FUSATO30B)

ATM - Mini Fuse

	Color	Type	Count
FUSMIN10B	Red	10 amp	25
FUSMIN15B	Blue	15 amp	25
FUSMIN20B	Yellow	20 amp	25
FUSMIN30B	Green	30 amp	25



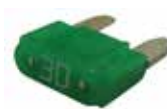
(FUSMIN10B)



(FUSMIN15B)



(FUSMIN20B)



(FUSMIN30B)

Definition

Electric Term

OHM: As electrons flow through conductors, they meet opposition, due to the collision between the electrons flowing and the electrons and atoms of the conductor. This opposition to current flow, called resistance, is measured in Ohms.

Electrical Accessories

LHT

Grote

Truck-Lite

Electrical

Switches

Cole Hersee



SPDT Toggle
COL55036-14-BP

PVC-Coated Housing

Cole Hersee



SPST Toggle
COL5582-10

Up: On, Down: Off
PVC coated with two 8 in. Wire Leads

Cole Hersee



Weatherproof Toggle Boot
COL81264

Material: Silicone

Fruehauf



Recessed Plate
FRU348917

15/32 in. with 32 Thread Mounting Stem

Fruehauf



On-Off Toggle
FRUACE9355-1

Standard handle
Screw terminals

Grote

Electronic Dome Lamp Switch
GRT44240



Full feature, Surface mount

Grote



Automatic Electronic Dome Lamp Switch
GRT44360

Timer is factory Pre-Set for 40 minutes

Grote



Toggle Switch Boot
GRT82-2106

Thread: 15/32 in.

Electrical Accessories

LHT

FRUEHAUF

Grote

Switches

Heavy Duty Toggle Switch
GRT82-2111



Grote

On/Off Weather Resistant
Lead: 8 in. 20 amp

Service Circuit Stoplight
MIDBE13250



Haldex

Pole Size: 1/4-18 NPTF Thread
Single Pole, Two Terminal

Electrical Accessories

LHT

Grote

Haldex



Notes

Handwritten notes area with horizontal lines.

Electrical Accessories

LHT