

Op**tr**ONICS



OptronicsInc.com



LED HEADLAMPS



HEADLAMPS

DOT compliant headlamps replace sealed beam halogen and HID lamps. Dual voltage 12/24VDC.

4"x6" LED HEADLAMPS

- HLL88LB** 8-LED low beam, 12/24V
- HLL89HB** 8-LED high beam, 12/24V
- HLL78LB** 11-LED low beam, 12/24V
- HLL78LS** 11-LED low beam, 12/24V, retail box
- HLL79HB** 11-LED high beam, 12/24V
- HLL79HS** 11-LED high beam, 12/24V, retail box

5"x7" LED HEADLAMPS

- HLL70HLB** 12-LED high/low beam, 12/24V

7" LED HEADLAMPS

- HLL90HLB** 16-LED high/low beam, 12/24V
- HLL93HLB** 12-LED high/low beam, 12/24V
- HLL93HLS** 12-LED high/low beam, 12/24V, retail box



LED TAIL LIGHTS



RECTANGULAR LED TAIL LIGHTS

Rectangular recess grommet mount stop/turn/tail and parking/rear turn signal lamps.

- STL24AB** 16-LED Yellow, PL-3 connection, 12/24V
- STL24RB** 16-LED Red, PL-3 connection, 12/24V
- STL33R1224B** 12-LED Red, PL-3 connection, 12/24V
- STL35CCR1224B** 16-LED Clear lens, Red diodes & reflector, PL-3 connection, 12/24V

LED TRANSIT LIGHTS

7" surface mount stop/turn/tail and parking/turn signal lamps. 31 LEDs. Hard wired, with separate ground wire. Built-in reflex in center of lens.

- STL90R24B** Red, 12/24V
- STL90A24B** Yellow, 12/24V

LED TAIL LIGHTS



LED TAIL LIGHTS

4" recess grommet mount red stop/turn/tail and amber parking/rear turn signal lamps. 12/24V

- STL003A1224B** 1-LED, Yellow, PL-3 connection
- STL003R1224B** 1-LED, Red, PL-3 connection
- STL13R1224B** 7-LED, Red, PL-3 connection
- STL23A24B** 16-LED, Yellow, PL-3 connection
- STL23R24B** 12-LED Red, PL-3 connection
- STL43A24B** 10-LED, Yellow, PL-3 connection
- STL43R24B** 10-LED, Red, PL-3 connection
- STL101R1224B** 21-LED, Red, PL-3 connection
- STL201XR1224B** 16-LED, Flange, Red, Back-Up, Hard Wired

4" front turn signal and parking lamps. 12/24V

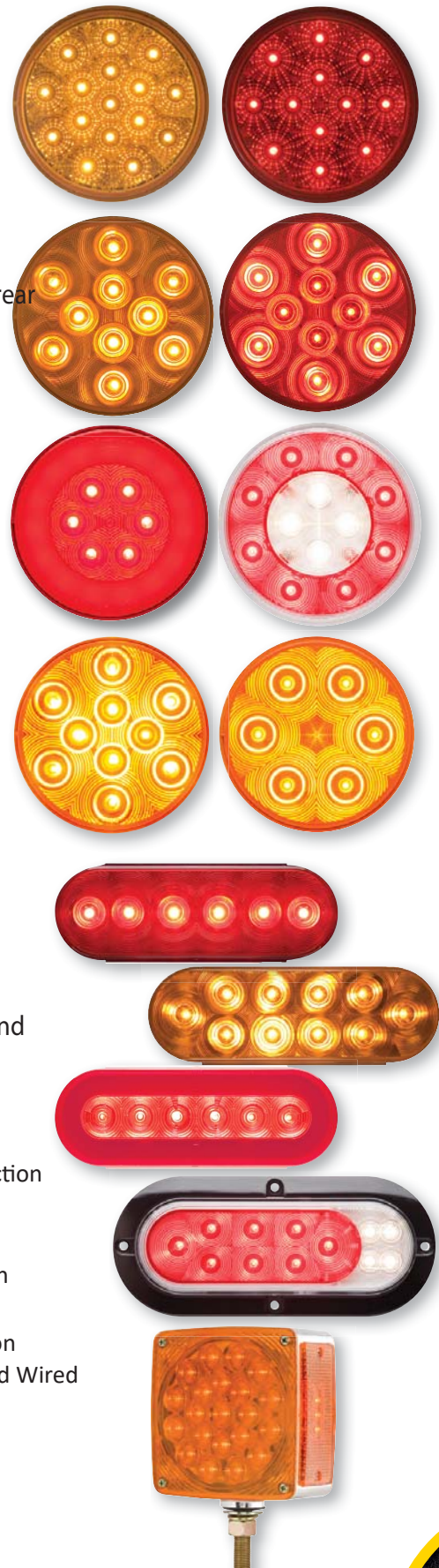
- FTL42A1224B** 10-LED, Yellow, Flange recess mount, Hard wired, I6 P
- FTL53ALCMB** 7-LED, Yellow, Grommet mount, Weather-tight connection, I7 P
- FTL53ALCPG** 10-LED, Yellow, Grommet mount, Hard wired with Deutsch connector, I6 I7 P

6" recess grommet and surface flange mount red stop/turn/tail and amber parking/rear turn signal lamps. 12/24V

- STL12R1224B** 6-LED, Grommet, Red, PL-3 connection
- STL72A1224B** 10-LED, Grommet, Yellow, PL-3 connection
- STL72CA1224B** 10-LED, Grommet, Clear Lens Yellow, PL-3 connection
- STL72R1224B** 10-LED, Grommet, Red, PL-3 connection
- STL78R1224B** 10-LED, Surface flange mount, Red, Hard Wired
- STL82RC1224B** 10-LED, Grommet, Clear lens red, PL-3 connection
- STL111R1224B** 22-LED, Grommet, Red, PL-3 connection
- STL111RC1224B** 22-LED, Grommet, clear lens red, PL-3 connection
- STL211XRFH1B** 16-LED, Surface flange mount, Red, Back-Up, Hard Wired

Square pedestal mount stop/turn/tail light with chrome finish.

- STL53AAB** 42-LED yellow/yellow dual face, 12-24V



LED BACK-UP LIGHTS



6-LED BACK-UP LIGHT

BUL06C1224B 4" round recess grommet mount back-up light with standard 2-pin connection, 12/24V



1-LED BACK-UP LIGHT

BUL003C1224B 4" round recess grommet mount back-up light with standard 2-pin connection, 12/24V



10-LED BACK-UP LIGHT

BUL11CM24B 4" round recess grommet mount back-up light with weathertight connection, 24V



27-LED BACK-UP LIGHT

BUL23C24B 4" round recess grommet mount back-up light with standard 2-pin connection, 12/24V



6-LED BACK-UP LIGHT

BUL12C1224B 6" oval recess grommet mount back-up light with standard 2-pin connection, 12/24V



27-LED BACK-UP LIGHT

BUL22C1224B 6" oval recess grommet mount back-up light with standard 2-pin connection, 12/24V



16-LED BACK-UP LIGHT

BUL24CB Rectangular recess grommet mount back-up light with standard 2-pin connection, 12/24V



42-LED BACK-UP LIGHT

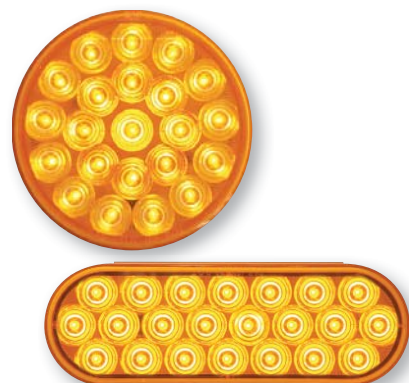
BUL90C24B 7" round surface mount back-up light, hard wired, with separate ground wire, 12/24V

LED WARNING/STROBE/BEACON LIGHTS

22-LED WARNING LIGHTS

Use two Function 1 or Function 2 lights for synchronous flashing, or pair a Function 1 and Function 2 light for alternating pattern.

- SLL43AB1** 4" round, Function 1, light only, PL-3, 12/24V
- SLL43AB2** 4" round, Function 2, light only, PL-3, 12/24V
- SLL43AKB1** Kit: SLL43AB1, grommet, pigtail, PL-3, 12/24V
- SLL43AKB2** Kit: SLL43AB2, grommet, pigtail, PL-3, 12/24V
- SLL72AB1** 6" oval, Function 1, light only, PL-3, 12/24V
- SLL72AB2** 6" oval, Function 2, light only, PL-3, 12/24V
- SLL72AKB1** Kit: SLL72AB1, grommet, pigtail, PL-3, 12/24V
- SLL72AKB2** Kit: SLL72AB2, grommet, pigtail, PL-3, 12/24V



LED DIRECTIONAL WARNING LIGHTS

- SLL22ACB** 3-LED, Yellow, 12 flash patterns, 12/24V
- SLL51ACB** 6-LED, Yellow, Five flash patterns, 12/24V
- SLL51CB** 6-LED, White, Five flash patterns, 12/24V
- SLL81ACB** 6-LED, Yellow, 12 flash patterns, 12/24V



LED CLASS 1 DIRECTIONAL WARNING LIGHTS

Clear lens, surface mount design. Synchronize up to eight units with up to 133 selectable modes.

- SLL15AC1B** 6-LED yellow light, 12/24V
- SLL15C1B** 6-LED white light, 12/24V
- SLL15ACC2B** 12-LED yellow/white light, 12/24V
- SLL16C1B** 6-LED white light, 12/24V
- SLL17AC1B** 6-LED yellow light, 12/24V
- SLL17ABC1B** 12-LED blue/yellow light, 12/24V
- SLL17C1B** 6-LED white light, 12/24V
- SLL17ACC2B** 12-LED yellow/white light, 12/24V
- SLL17ARC3B** 18-LED yellow/red/white light, 12/24V



LED STROBE/BEACON LIGHTS

- RBL10AS** 36-LED, 5" amber magnet surface mount, 12ft coil cord with power plug, 12/24V, retail pack
- RBL10CA** 12-LED, 6.5" clear lens amber diode surface mount, five flash patterns, 10" leads, 12/24V
- RBL10CC** 12-LED, 6.5" clear lens white diode surface mount, five flash patterns, 10" leads, 12/24V
- RBL10CAPG** 12-LED, 6.5" clear lens amber diode surface mount, 3-pin weathertight male-pin amp connector, 12/24V
- RBL13AB** 12-LED, 5.5" Amber Surface Mount, 9ft straight cord with dual switch on power plug, SAE J845 Class 1, CA T13 Class B, 12/24V
- RBL14AB** 12-LED, 7" Amber Surface Mount, 9ft straight cord with dual switch on power plug, SAE J845 Class 1, CA T13 Class B, 12/24V



LED MARKER/CLEARANCE LIGHTS



3/4" LED MARKER LIGHTS

1-LED grommet mount marker/clearance light. PC rated.

MCL10AK1224B Yellow Kit, 12/24V

MCL10RK1224B Red Kit, 12/24V

MCL12RK3R1224MB Red ID Harness, 12/24V, P2 Rated

2" LED MARKER LIGHTS

3-LED recess mount marker/clearance lights. P2 rated.

MCL55R1224B Red, 12/24V

MCL55A1224B Yellow, 12/24V

2.5" LED MARKER LIGHTS

LED recess mount marker/clearance lights. P2 rated.

MCL57R1224B 3-LED Red, 12/24V

MCL57RC1224B 3-LED Clear lens red diodes, 12/24V

MCL57A24B 3-LED Yellow, 12/24V

MCL57AC1224B 3-LED Clear Lens, Yellow, 12/24V

MCL527R1224B 2-LED Red, 12/24V

MCL59R1224B 8-LED Red, Reflex lens, 12/24V

MCL59A1224B 8-LED Yellow, Reflex lens, 12/24V

MINI THINLINE MARKER LIGHT

3-LED, light snaps into surface mount base, PC rated.

AL91A1224B Yellow, 12/24V

THINLINE LED MARKER LIGHTS

3-LED sealed lights snap into surface mount base; 6-LED lights are surface mount, hard wired, P2 rated.

MCL65R24B Red, 3-LED, Snap-in, 24V

MCL65A24B Yellow, 3-LED, Snap-in, 24V

MCL66R24B Red, 6-LED, Surface mount, 12/24V

MCL66A24B Yellow, 6-LED, Surface mount, 12/24V

LED IDENTIFICATION LIGHT BAR

MCL83R1224B 3-LED, Red, P2 rated, 12/24V

LED STEP/EXTERIOR LIGHTS



LED EXTERIOR STEP/AREA LIGHTS

Surface mount exterior light illuminates step well or pavement beneath ramp. Meet ADA lighting standard.

ILL85CB 10-LED, Chrome finish, 12/24V

ILL86BCB 5-LED, black finish, 12/24V

ILL86CB 5-LED, white finish, 12/24V

LED EXTERIOR SCENE LIGHT

UCL41CB 12-LED, 45-degree downward angle, 12/24V

LED INTERIOR LIGHTS

OPTI-BRITE™ LED DOME LIGHTS

18" 8-LED recess mount white dome light. Hard wired, includes separate ground wire. Designed for use in extreme temperatures. ILL28 series includes motion sensor to activate light. 7-30VDC, low voltage cut-off at 7VDC. 990 lumens.

- ILL08COB** White, 12/24V
- ILL08COPG** White, .180 male bullets, 12/24V
- ILL28CMB** White, motion sensor, 12/24V
- ILL28CMPG** White, motion sensor, .180 male bullets, 12/24V

OPTI-BRITE™ LED DOME LIGHTS

Surface mount white dome lights, available in 6" 21-LED (250 lm) and 7" 39-LED (460 lm) models. Low profile, less than 5/8" thick. Hard wired, includes separate ground wire; .180 male bullets.

- ILL21CB** 6", 21-LED, 12/24V
- ILL39CB** 7", 39-LED, 12/24V
- ILL39RCB** 7", 39-LED red diodes, 12/24V

LED RV CEILING LIGHT

Surface mount white ceiling light with switch. Includes white snap-on trim ring. 230 lumens.

- RVILL39** 7" oval, 9-LED, 12/24V

OPTI-BRITE™ LED DOME LIGHTS

Surface mount low-profile dome lights. 12/24V

- ILL22C1224B** 18-LED, on/off switch, 810 effective lumens
- ILL36CB** 9-LED, 227 effective lumens
- ILL36CPG** 9-LED, .180 male bullets, 227 effective lumens
- ILL46CB** 9-LED, 380 effective lumens

CORNER MOUNT INTERIOR LAMPS

Surface corner mount low-profile interior lights for commercial vehicle or trailer. Designed for use in extreme temperatures. ILL38CMB includes motion sensor to activate light.

- ILL38CB** 30-LED, 12/24V
- ILL38CMB** 30-LED, motion sensor, 12/24V

OPTI-BRITE™ LED STRIP LIGHTS

Surface mount black housing lights, available in 9" 9-LED (550 lm) and 18" 18-LED (360 lm) models. Low profile with wedge base.

- ILL78CBB** 9", 9-LED, 12/24V, 330 effective lumens
- ILL77CBB** 18", 18-LED, 12/24V, 220 effective lumens



LED WORK/UTILITY LIGHTS

Lumen Rating

The *raw lumen* output of a light is calculated by taking the number of LEDs in a light and multiplying that by their maximum output rating. The resulting value does not include real-world factors that can decrease light output as much as 75 percent.

The *Effective lumens* is an actual measurement of light output that takes into account thermal losses, current used to drive the LEDs, optical losses, and assembly variations. Measuring the effective lumen output of a light requires the use of high-tech photometry equipment.



TLL30FB
TLL30FPG (*Deutsch connector*)
 12/24VDC
 960/670 lumens
 4-LED, flood beam
 3.27" x 5.7" x 2.36"



TLL44FB
TLL144FSL (*retail box*)
 12/24VDC
 1440/1028 lumens
 6-LED, flood beam
 4.5" x 7" x 2"



TLL45FB
 12/24VDC
 1920/1295 lumens
 8-LED, flood beam
 4.5" x 7" x 2"



TLL46CFB
 12/24VDC
 2160/1492 lumens
 9-LED, flood beam
 5" x 7" x 2.375"



TLL46TB
 12/24VDC
 2160/1346 lumens
 9-LED, trapezoid beam
 5" x 7" x 2.375"



TLL48FB
 12/24VDC
 1440/1036 lumens
 6-LED, flood beam
 4.15" x 6.375" x 2.14"



TLL50FB
TLL150FSL (*retail box*)
 12/24VDC
 324/252 lumens
 9-LED, flood beam
 5" x 7" x 2.375"



TLL51FB
TLL51FRPG
 (.180 male bullet on power)
 12/24VDC
 800/560 lumens
 1-LED, flood beam
 2" x 3" x 2.5"



TLL52FB black
TLL152FSL (*retail box*)
TLL52FWB white
 12/24VDC
 720/464 lumens
 3-LED, flood beam
 2.75" x 5" x 1.687"



TLL54TB
 12/24VDC
 2160/1484 lumens
 9-LED, spot beam
 5" x 7" x 2.375"

LED WORK/UTILITY LIGHTS



TLL55FB
12/24VDC
2160/1510 lumens
9-LED, wide flood beam
4.87" x 6.90" x 2.03"



TLL56FB
TLL57FB shock mount
12/24VDC
4000/2800 lumens
8-LED, flood beam
7" x 9" x 4.313"



TLL60FB
12/24VDC
1440/865 lumens
6-LED, flood beam
6" x 4.5" x 2.4"



TLL64FB
12/24VDC
3200/2240 lumens
4-LED, flood beam
4" x 6.5" x 3"



TLL70FB
12/24VDC
4800/3360 lumens
6-LED, wide flood beam
5" x 4.375" x 2.625"



TLL71FB
12/24VDC
2160/1490 lumens
9-LED, wide flood beam
4" x 5" x 2.25"



TLL72FB
12/24VDC
2160/1490 lumens
9-LED, wide flood beam
5" x 5.813" x 2.25"



TLL73FB
12/24VDC
2160/1490 lumens
9-LED, wide flood beam
Built-in handle
5" x 7.5" x 3.25"



DLL50CC (pair of lights)
TLL25FS (retail clam)
12/24VDC
440/396 lumens
2-LED, wide low beam
5" x 4" x 3.5"

LED LIGHT BARS



6 LED 1200 | 810
RAW | EFFECTIVE
LUMEN OUTPUT

OBLONG LED FLOOD LIGHTS

6-LED heavy duty flood light. Hard wired. IP67 rated.

UCL26CB Flood beam, Post mount, 12/24V

UCL27CFB Flood beam, Recess flange mount, 12/24V



12 LED 2520 | 1550
RAW | EFFECTIVE
LUMEN OUTPUT

9" LED SPOT/FLOOD LIGHT

12-LED heavy duty flood light. Hard wired 16" leads. IP65 rated. Retail box.

UCL23CB Spot/Flood beam, 12/24V



24 LED 5000 | 2700
RAW | EFFECTIVE
LUMEN OUTPUT

13" LED SPOT/FLOOD LIGHT

24-LED heavy duty flood light. Hard wired 16" leads. IP65 rated. Retail box.

UCL21CB Spot/Flood beam, 12/24V



40 LED 7500 | 4521
RAW | EFFECTIVE
LUMEN OUTPUT

22" LED SPOT/FLOOD LIGHT

40-LED heavy duty flood light. Hard wired 16" leads. IP65 rated. Retail box.

UCL20CB Spot/Flood beam, 12/24V



60 LED 12,600 | 6777
RAW | EFFECTIVE
LUMEN OUTPUT

33" LED SPOT/FLOOD LIGHT

60-LED heavy duty flood light. Hard wired 16" leads. IP65 rated. Retail box.

UCL22CB Spot/Flood beam, 12/24V



96 LED 20,000 | 11,600
RAW | EFFECTIVE
LUMEN OUTPUT

50" LED SPOT/FLOOD LIGHT

96-LED heavy duty flood light. Hard wired 16" leads. IP65 rated. Retail box.

UCL25CB Spot/Flood beam, 12/24V



18 LED 7200 | 4000
RAW | EFFECTIVE
LUMEN OUTPUT

30" LED FLOOD LIGHT WITH SUPPLEMENTAL TURN

18-LED heavy duty flood light. Central white LEDs produce flood beam while red LEDs on left and right ends provide supplemental turn function. Hard wired 24" leads. IP65 rated. Bulk.

UCL32CDTB White/Red light bar, 12/24V

LED LICENSE/UTILITY LIGHTS

LED MINI LICENSE LIGHTS

Polished, chrome plated housing

- LPL11C1224B** 2-LED light, mini, snap-in
- LPL31CB** 2-LED light
- LPL31CBB** 2-LED light, black housing
- LPL31CS** 2-LED light, clam package
- LPL31CSB** 2-LED light with spacer
- LPL31C1PG** 2-LED light, .180 male bullets
- LPL31CEZB** 2-LED light, .180 female barrels
- LPLB31CPG** 2-LED light on black license plate bracket, .156 female barrels



LED LICENSE LIGHT WITH BRACKET

Light attached to corrosion proof black bracket

- LPL55C1224B** 5-LED light, ABS bracket



LED LICENSE LIGHT

Stud mount, corrosion proof, black polycarbonate housing

- LPL61C24B** 6-LED light
- LPL61C24PG** 6-LED light, .156 female barrels



LED UTILITY LIGHT

Two-inch diameter 9-LED recess grommet mount utility light. PL-10 connection.

- UCL50CB** White, 12/24V



INCANDESCENT LIGHT

BACK-UP LIGHT WITH REFLEX

Sealed, recess mount back-up light with built-in reflex. Standard 2-pin connection. 5.313" x 3.438" x 2".

- BU33CRX24LB** Back-up light with red reflex, 24V





BETTER VALUE • BETTER OPTIONS • BETTER LIGHTING

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