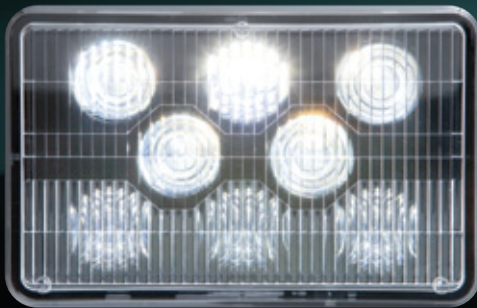




Opti-BriteTM
WHITE LED ILLUMINATION SERIES

optronics[®]
one bright idea after another



HLL88LB



HLL89HB

LED HEADLAMPS

DOT Compliant LED High and Low Beam Headlamps

Long-lasting, energy efficient LED high and low beam headlamps replace standard 4"x6" sealed beam halogen and HID headlamps. Ultrabright diodes provide light output whiter than incandescent for greater visibility-and last up to 50 times longer!

- Light output whiter than incandescent for greater visibility
- Diodes last up to 50 times longer than incandescent bulbs resulting in less downtime and greater reliability-no bulbs to replace ever!
- Die-cast aluminum housing with powder coat finish resists corrosion
- Tough polycarbonate lens
- Epoxy-encapsulated diodes in solid state circuit resist damage from vibration and moisture
- Dual power - use with 12VDC or 24VDC systems
- Hard wired design with standard H4 3-blade connector; 16 gauge, 7" leads
- IP67 rating: protected from dust and capable of withstanding water immersion, offering increased reliability and service life

THREE YEAR WARRANTY



Low Beam Headlamp

HLL88LB - Box

Diodes: 8

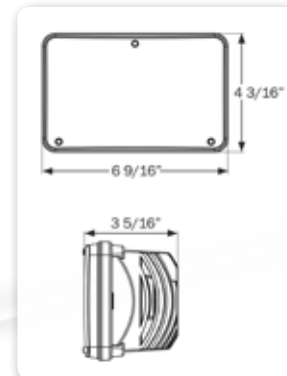
Amp draw: 1.85A at 12VDC,
0.85A at 24VDC

Raw lumen output: 1749 lm

Effective lumen output: 1452 lm

Operating voltage: 12-24VDC

Case quantity: 1



High Beam Headlamp

HLL89HB - Box

Diodes: 8

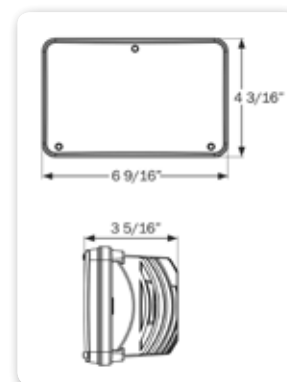
Amp draw: 1.85A at 12VDC,
0.85A at 24VDC

Raw lumen output: 1749 lm

Effective lumen output: 1452 lm

Operating voltage: 12-24VDC

Case quantity: 1





TLL45FB



TLL46FB



TLL46TB

LED WORK LIGHTS

Ultrabright LED Work Lights for Heavy Duty Applications

Optronics ultrabright LED work lights are designed for heavy duty applications. Multiple-diode designs coupled with engineered lens optics provide bright, even light output while conserving power. Diodes produce little heat and last up to 50 times longer than halogen or HID lamps. Includes 18-gauge, 10" lead and ground wire.

- Lumen output 1200-1350 lm – optimal performance with minimal power consumption
- Die-cast aluminum housing with powder coat finish
- Low profile design – less than 2.5 inches deep, ideal for tight applications
- Tough polycarbonate lens and epoxy encapsulated electronics for durability
- Dual power – use with 12VDC or 24VDC systems
- Stainless steel mounting hardware
- IP67 rating: protected from dust and capable of withstanding water immersion, offering increased reliability and service life

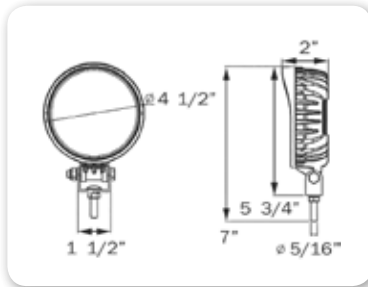
THREE YEAR WARRANTY



Flood Beam Work Light

TLL45FB - Bulk
TLL45FBP - Polypack

Diodes: 8
Amp draw 1.38A at 12VDC,
0.65A at 24VDC



1200 LUMENS

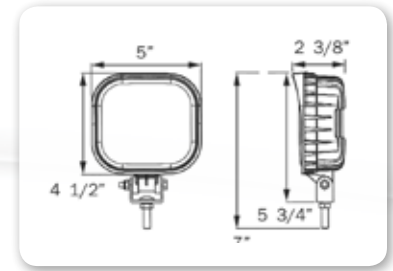
Raw lumen output: 1520 lm
Effective lumen output: 1200 lm
Operating voltage: 12-36VDC
Beam pattern: Flood
Case quantity: 3



Flood Beam Work Light

TLL46FB - Bulk
TLL46FBP - Polypack

Diodes: 9
Amp draw: 1.50A at 12VDC, 0.73A at 24VDC
Raw lumen output: 1710 lm
Effective lumen output: 1350 lm
Operating voltage: 12-36VDC
Beam pattern: Flood
Case quantity: 3



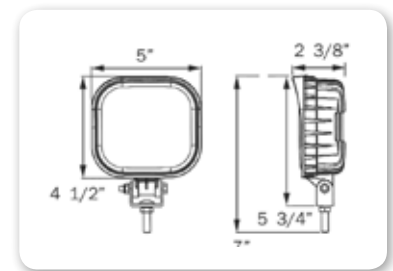
1350 LUMENS



Trapezoid Beam Work Light

TLL46TB - Bulk
TLL46TBP - Polypack

Diodes: 9
Amp draw: 1.50A at 12VDC, 0.73A at 24VDC
Raw lumen output: 1710 lm
Effective lumen output: 1350 lm
Operating voltage: 12-36VDC
Beam pattern: Trapezoid
Case quantity: 3



1350 LUMENS



DLL50WB



DLL50CB



ILL08COB

LED DOCKING/UTILITY LIGHTS

Weatherproof LED Utility Lights

Rugged, weatherproof design suitable for fresh and saltwater marine applications. Wide, low beam ideal for docking or loading applications. Features two high power diodes combined with reflector and lens optics for a bright, long range beam. Includes 20-gauge lead and ground wire with tinned ends.

- Die-cast aluminum housing coated for protection against corrosion and UV exposure
- Sealed lens and gasketed wiring for weatherproof performance; IP44 rating
- Tough polycarbonate lens and epoxy encapsulated electronics for durability
- Dual power – use with 12VDC or 24VDC systems
- Stainless steel mounting hardware

THREE YEAR WARRANTY



Docking/Utility Lights

- DLL50CB** - Black, bulk
- DLL50WB** - White, bulk
- DLL50CBP** - Black, polypack
- DLL50WBP** - White, polypack
- TLL25FS** - Black, clam (Case qty.: 3)
- DLL25WC** - White, clam (Case qty.: 3)

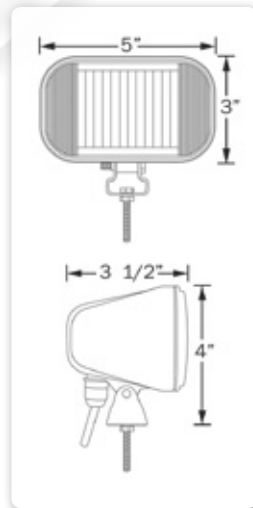
Diodes: 2

Amp draw: 0.683A at 12/24VDC

Raw lumen output: 440 lm

Effective lumen output: 396 lm

Case quantity: 10



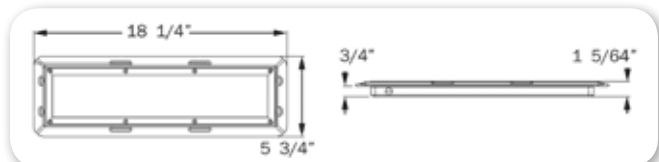
OPTI-BRITE™ LED INTERIOR LIGHT

Heavy Duty LED Dome Light for Extreme Temperatures

Ultrabright, flange mount dome light designed for dependable use in extreme temperatures (-40 to 140 degrees Fahrenheit). Eight-diode design provides bright light output while conserving power. Corrosion-proof polycarbonate housing and lens. Operating voltage 7-30VDC, appropriate for use with both 12 and 24VDC systems; light output remains consistent at all operating voltages (no dimming), cutting off when dropping below or rising above limits. Hard wired design with both lead and ground wires for mounting to all surfaces.

- Ultrabright diodes with voltage controller for consistent light output regardless of power input
- Voltage cutoff at 7VDC prevents battery drain
- Tough polycarbonate lens and epoxy encapsulated electronics for durability; IP44 rating
- Dual power – use with 12VDC or 24VDC systems
- 16-inch, 16-gauge leads with tinned ends

THREE YEAR WARRANTY



Heavy Duty Dome Light

- ILL08COB** - Bulk
- ILL08COS** - Box

Diodes: 8

Amp draw: 1.61A at 12VDC, 0.80A at 24VDC

Raw lumen output: 1470 lm

Effective lumen output: 1323 lm

Operating voltage: 7-30VDC

Temperature range: -40 to 140°F

Case quantity: 6



ILL42CB



ILL51CWGB

OPTI-BRITE™ LED DOME LIGHT

LED Heavy Duty Dome Light

Ultrabright, flange mount LED dome light designed for use in heavy duty applications. Three-diode design provides bright light output while conserving power. Corrosion-proof polycarbonate housing and lens. Operating voltage 11-14VDC; low voltage cut-off at 10.5VDC. Hard wired design includes 16-gauge lead and ground wires with .180 male bullets. Flange mount and grommet mount models available.

- Carefully selected white diodes coupled with patterned polycarbonate lens provide brighter, whiter light output than competitors' products
- Tough polycarbonate lens and epoxy encapsulated electronics for durability; IP44 rating
- Low voltage cut-off at 10.5VDC

THREE YEAR WARRANTY

LED INTERIOR LIGHTS

Flush Mount LED Interior "Puck" Lights

Ultrabright, recess mount LED interior lights are energy efficient, making them ideal lights for many applications. Single-diode design provides bright, even light output while conserving power. Diodes produce little heat and last up to 100,000 hours—no bulbs to replace. Impact resistant, polycarbonate housing and lens. Designed for 12VDC systems. Hard wired design includes 18-gauge, 6" lead and ground wires with tinned ends. Choose from three mounting options: wedge mount, spring mount and flange mount.

- Compact, recess mount design fits many applications
- Durable polycarbonate lens and housing and epoxy encapsulated circuitry for waterproof performance

LIFETIME LED WARRANTY



Heavy Duty Dome Light

ILL42CB - Flange mount, bulk

ILL42CBP - Flange mount, polypack

ILL43CB - Grommet mount, bulk

ILL43CBP - Grommet mount, polypack

Diodes: 3

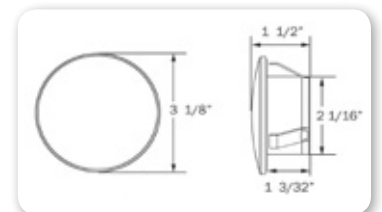
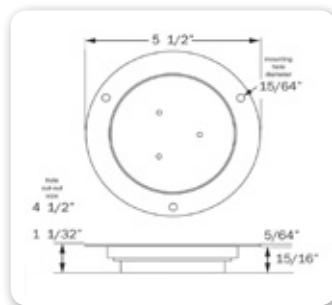
Amp draw: 0.582A at 12VDC

Raw lumen output: 525 lm

Effective lumen output: 472 lm

Operating voltage: 11-14VDC

Case quantity: 6



Flange Mount Interior Lights

ILL51CWGB - Wedge Mount, Bulk

ILL52CSPB - Spring Mount, Bulk

ILL53CSWB - Flange Mount, Bulk

Diodes: 1

Amp draw: 0.450A at 12VDC

Raw lumen output: 220 lm

Effective lumen output: 198 lm

Operating voltage: 11-14VDC

Case quantity: 6



ILL33CB



ILL21CB



ILL39CB

LED DOME LIGHT

Low Profile LED Dome Light

Low profile, surface mount LED dome light for interior applications. Only 3/4" thick—ideal for tight applications. Ten diodes coupled with textured lens provide bright, even light output while conserving power. Diodes produce little heat and last up to 100,000 hours—no bulbs to replace. Hard wired design includes 18-gauge, 5" lead and ground wires.

- Streamlined sealed design suitable for many applications
- Tough polycarbonate lens and housing
- Sealed housing and epoxy encapsulated circuitry for waterproof performance

LIFETIME LED WARRANTY



Surface Mount Dome Light

ILL33CB - Bulk

ILL33CBP - Polypack

Diodes: 10

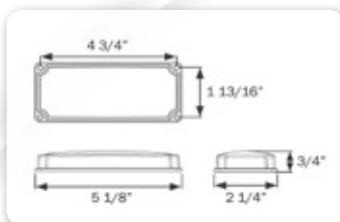
Amp draw: 0.107A at 12VDC

Raw lumen output: 210 lm

Effective lumen output: 160 lm

Operating voltage: 12-16VDC

Case quantity: 10



LED DOME LIGHTS

Low Profile LED Dome Lights

Low profile, surface mount LED lights for interior applications. Less than 5/8" thick—fit many applications. An array of diodes coupled with magnifying lens optics provide bright, even light output while conserving power. Operating voltage 12-24VDC, appropriate for use with both 12VDC and 24VDC systems. Diodes produce little heat and last up to 100,000 hours—no bulbs to replace. Hard wired design includes 16-gauge lead and ground wires for mounting to all surfaces.

- Sealed polycarbonate housing and epoxy encapsulated circuitry for waterproof performance
- Dual power – designed for use with 12VDC and 24VDC systems
- Low voltage cut-off at 11VDC
- Leads terminate in .180 male plugs for quick connection to harness

LIFETIME LED WARRANTY



6" Dome Light

ILL21CB - Bulk

ILL21CBP - Polypack

Diodes: 21

Amp draw: 0.408A at 12VDC,

0.385A at 24VDC

Raw lumen output: 250 lm

Effective lumen output: 214 lm

Operating voltage: 12-24VDC

Case quantity: 10

7" Dome Light

ILL39CB - Bulk

ILL39CBP - Polypack

Diodes: 39

Amp draw: 0.669A at 12VDC,

0.217A at 24VDC

Raw lumen output: 460 lm

Effective lumen output: 390 lm

Operating voltage: 12-24VDC

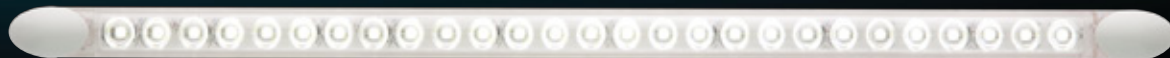
Case quantity: 10



ILL70CB



ILL71CB



ILL72CB

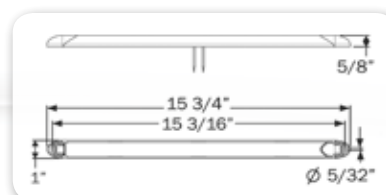
LED INTERIOR LIGHTS

Low Profile, Thinline LED Interior Lights

Ultrabright, low profile surface mount LED interior lights are energy efficient, making them ideal lights for many applications. Multiple-diode design provides bright, even light output while conserving power. Diodes produce little heat and last up to 100,000 hours—no bulbs to replace. Impact resistant, polycarbonate housing and lens. Designed for 12VDC systems. Hard wired design includes both lead and ground wires for mounting to all surfaces. Choose from three sizes: 9-inch, 16-inch and 22-inch.

- Low profile, surface mount design fits many applications
- Durable sealed polycarbonate lens and housing

LIFETIME LED WARRANTY



15 3/4" Interior Light

ILL71CB - Bulk

ILL71CBP - Polypack

Diodes: 18

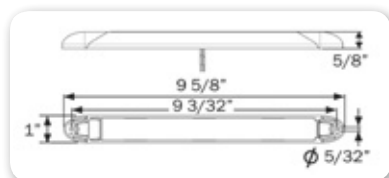
Amp draw: 0.300A at 12VDC

Raw lumen output: 370 lm

Effective lumen output: 342 lm

Operating voltage: 11-14VDC

Case quantity: 10



9 5/8" Interior Light

ILL70CB - Bulk

ILL70CBP - Polypack

Diodes: 9

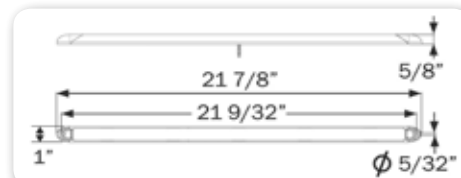
Amp draw: 0.150A at 12VDC

Raw lumen output: 189 lm

Effective lumen output: 171 lm

Operating voltage: 11-14VDC

Case quantity: 10



21 7/8" Interior Light

ILL72CB - Bulk

ILL72CBP - Polypack

Diodes: 27

Amp draw: 0.480A at 12VDC

Raw lumen output: 567 lm

Effective lumen output: 513 lm

Operating voltage: 11-14VDC

Case quantity: 10



one bright idea after another

WWW.OPTRONICSINC.COM

401 South 41st Street East, Muskogee, OK 74403 • 800-364-5483/918-683-9514 • 918-683-9517 fax • H42011W • ©2011 Optronics International