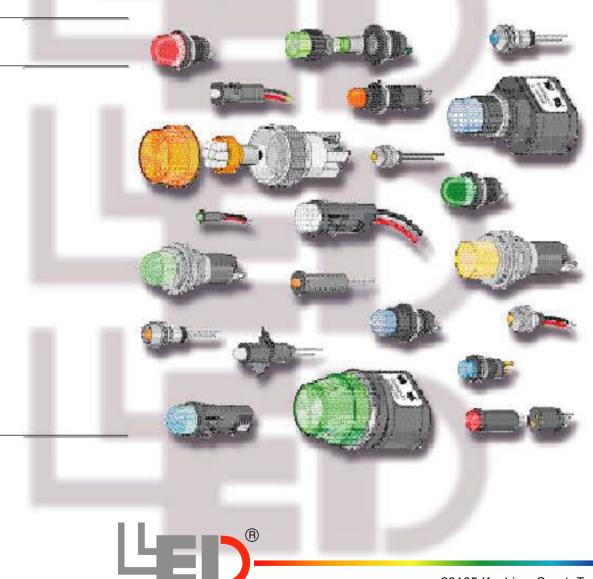
panel

Panel Mount LED Lamps & Holders



LEDTRONICS, INC. THE FUTURE OF LIGHT 23105 Kashiwa Court, Torrance, CA 90505 Phone: (800) 579-4875 or (310) 534-1505

Fax: (310) 534-1424

E-mail: webmaster@ledtronics.com Website: www.ledtronics.com

Answering the need for high-performance solutions to original equipment manufacturers (OEMs) and retrofit panel mount applications, **LEDTRONICS** offers an extensive line of direct incandescent replacement **Panel Mount LED Lamps and Holders** that fit control panels and operating budgets alike.

Panel Mount LED Lamps and Holders come in snap-in, bolt-on, hardware-mounted and relampable versions. With many behind-the-panel depths available, **LEDTRONICS** Relampable Panel Mount LED Lamps and Holders (RPLH) are excellent choices for applications where space is restricted and aesthetics a consideration. LEDs are available in sunlight-visible colors such as red (660nm), orange (610nm), yellow (595nm), green (525nm), blue (470nm) and white (8000k). **LEDTRONICS** Panel LED Lamps and Holders can be employed in utility monitoring boards, industrial control equipment, audio and intercom panels, broadcast equipment, nuclear power status stations, medical instrumentation, etc. . . .

Like the incandescent bulbs commonly used in panel mount applications, **LEDTRONICS**® RPLH Series LED lamps feature T3-1/4 (9mm) single-contact miniature bayonet bases that give installation a familiar twist. RPLH Series LED lamps are rated for 28VDC. They directly replace 28MB, 313, 757 and 1819MB series incandescent bulbs. Light colors available are Red, Orange, Yellow, Green, Blue and White. All colors are sunlight visible!

While intended as integrated assemblies that incorporate a lens, lamp and lamp holder, Panel LED Lamps and Holders may be purchased as separate components. Raised Lexan" fresnal lenses resist impact, optimize viewing, maximize light dispersion and come in a variety of colors. Designed for screw-on mounting, lenses are independent of the lamp fixtures enabling lenses and the LED lamps to be easily changed. Lenses and holders are made of a rugged, polycarbonate (UL class UL94Vx) that withstands the rigors of industrial environments. Holders incorporate captive terminal screws with self-lifting, pressure wire clamps that accept up to two 14-gauge wires. Lamp holders are rated for incoming voltages of 5V DC or AC to 240V DC or AC. **LEDTRONICS** Panel Mount LED Lamps and Holders are available for 16mm, 22mm, 30mm, 11/16-inch, bi-pin cartridge, 15/32-inch, 5/16-inch and 1/2-inch panel openings.

LEDs' solid-state design renders them impervious to shock, vibration, frequent switching and environmental extremes, and ideal for rugged industrial applications. With an average life span of 100,000-plus hours (11 years), LED lamps operate more than 30 Đ 50 times longer than the equivalent incandescent lamp! Savings from reduced maintenance costs and downtime quickly return the capital investment expenditure. LED lamps produce almost no heat and require 80% -- 90% less operating power than equivalent incandescents, making them as friendly to the environment as they are to the operating budget.

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5/16" Relampable Panel LED Lamps	11
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PilotLED® RPLH Panel Mount Lamp Assemblies	19–22
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Series Number – Page Number

Series	Page	Series	Page	Series	Page
BF321	16,18	HL8520	11	PF56	10
BF304	18	HLC310	11	PFS50	9
BF3127	16	HLC2020	11	PFS56	10
BS780	16	HLD310	11	PP156	6
BS850S	18	HLD2020	11	PP312	7
BS851	17	LC370	14	PPD312	7
BS854	17	LCD470	12	PPS251	6
BSD780	16	LCD780	16	PPS312	7
BSD787	16	LCF380	15	PT301	8
CD290	13,14	LCF470	12	PT302	8
CD296	14	LCF780	16	PT501	8
CF290	13,14	LCF850	18	PT502	8
CF296	14	MC187	6	RCS370	14
CFS370	13	MC290	14	RPLH16	19,20
CFS376	13	MFS470	12	RPLB-02	21
CSD370	13	MFS473	12	RPLB-05	22
CSD376	13	MFS476	12	RPLB-06	21
CSF370	13	MSA380	15	RPLH22	19,21
CSF376	13	MSA386	15	RPLH22	21
F121	11	MSC380	15	RPLH30	19,22
F122	11	MSC386	15	RPLL22	21
F124	11	MW187	6	RPLL16	20
F203	12	MW290	14	RPLL30	22
F206	12	P181	6	SN312	7
FF120	11	P187	6	WSF290	14
FF200	12	PD50	9		
FFL200	15	PD56	10		
FL206	15	PDS518	10		
HL430	11	PF50	9		



Application Notes

Will the Panel LED replace another manufacturers parts?	Dialight, Data Display Products, Industrial Devices Inc., etc If so, what is the part number?
Mounting Type?	Snap-in, Snap-in with mount clip, Bolt-on, Relampable, etc
Mounting Diameter & Panel Thickness?	What is the hole diameter into which the lamp assembly must fit? How thick is the wall of the panel?
Operating Voltage and Polarity?	Actual open line voltage? AC or DC? Does it fluctuate? Indicate the Minimum/Maximum values?
Terminal Type?	Are solid wire (0.02 sq.), pigtail flexible wire lead (24AWG), quick disconnect (3/16 rectangular), solder lug, turret, or screw-on type terminals preferred?
Viewing Distance?	How far is the operator / technician when the indicator must be visible? 5 to 10 feet, 20 to 50 feet, 100 to 200 feet, 500 to 1000 feet?
Viewing Angle?	0 to 12 degrees – Narrow Beam 30 to 60 degrees – Medium Beam 100 to 160 degrees – Wide Beam
LED Color?	Ultra Red, Hi-Efficiency Red, Standard Red, Orange, Yellow, Cool white, Ultra Green, Aqua Green, Blue
Lens Type?	Diffused lenses are used in applications where direct viewing or indication is needed. Clear lenses are used in application where illumination is needed. Is the lens fluted?
Ambient Lighting?	Standard office lighting. High ceiling factory lighting. Indirect sunlight. Direct sunlight
Potential Quality and Target Price?	How many pieces are required within a given time frame? How much budgetary funding is allowed for this item or project?



									Г	Date	
About you	Na	ame:					Ph	ione: ()		
The following information LEDtronics in determining	assists	ompany:									
most appropriate FREE LED		ddress:									
product SAMPLE. Fax to (310) 534-1424 for fast res								Zip:			
About your compan	bout your company				For internal us	se only					
What does your company	manufacture							SIC code	»:		
Is your company Gov	vt/Military □ Go	ovt Contracto	r 🗆 OEM	☐ Distri	butor \square	Utility [MRO		r:		
Requirement is for ☐ R&I	D □Re	eplacement	□ New A	Application	on 🗆	Other		Rep:			
Total annual quantity								Current C	Customer	□ Yes I	□ No
Target price	Time	frame 🗆 Ir	mmediate	□ 3 m	onths	☐ 6 montl	ns				
About your applicat	ion										
	Mounting Hole	e Diameter	-	_		6 [4.8mm]			\square Other $_$		
<i>7</i> ,			9/32 [7	_		6 [8.0mm]		! [12.7mm]			
	Panel LED typ			Hardwar			Relampa		☐ Other _		
	Terminal type		lead				quare/Ro	ound	□ Other _		
	Lens Style	☐ Top H	lat Cyl.	☐ Fla	t Cyl.		ome		☐ Other _		
	Lens/LED cold	or □ Red	□ Orange	☐ Ambe	er □ Yell	ow 🗆 Whi	te	en 🗆 Blue	e □ Other _		
	Lens/Filter typ	pe □ Clear	☐ Diffus	sed	Lens s	ize					
	Operating volt	tage (max)	□ 5V	□12V	□ 24	V □ 28'	V □12	0VAC □	Other		
EXT RES LAMP	Voltage (type)) □AC	□ DC	□ Віро	lar						
- SOUNCE VOLLAGE -	Is an external	l resistor in se	eries with t	he lamp	□ Ye	es 🗆 No	If yes,	Ohms	Watts		
	Ambient lighti	ing conditions	s □ Ir	ndirect su	unlight	☐ Direct	sun 🗆	Office	□ Lowlight	□ Da	arkroom
Indoor Outdoor	Maximum viev	wing distance	e desired	□ 1 ft	□5 ft	□10 ft	□ 20 ft	□ 50 ft	☐ Other		
V Ø 2	Maximum viev	•				□ 30º			☐ Other		
?	What is the so			_	-						
•	Would like upo	•	, ,		•			• /			
	•									JOHIEI_	
	Applicable sta	atutory and re	egulatory re	equireme	ents 🗆 🗅	res □ No	Doc. No	0			

Additional Notes/Sketches

Phone: (310) 534-1505 Fax: (310) 534-1424 Website: http://www.ledtronics.com



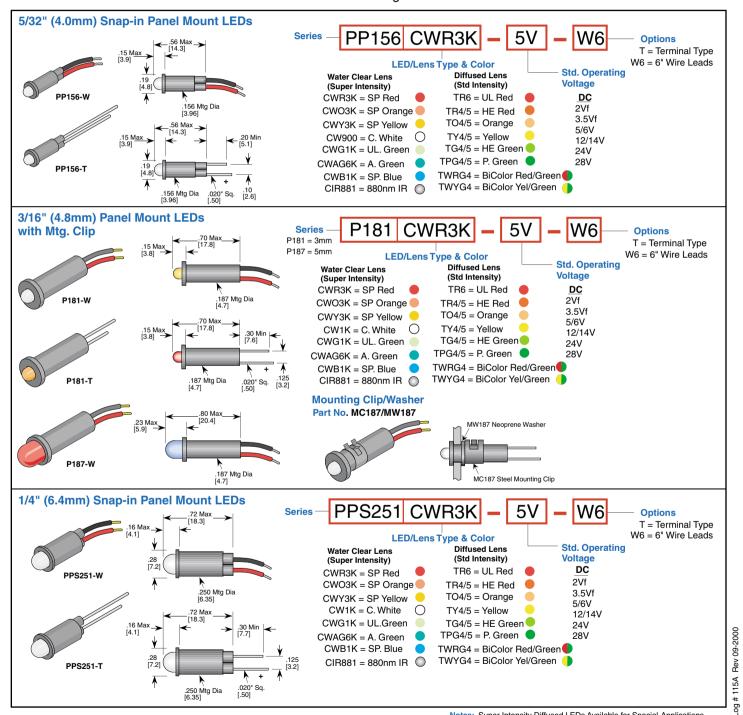
Snap-In Panel Mount LED Lamps

Features

- Panel Mounting Diameters from 5/32"(4.0mm) to 5/16" (8.0mm)
- Long Life 100,000+ hrs (10 years)
- Solid-State. High Shock/Vibration Resistant
- Maintenance Free, Easy Installation
- Low Power Consumption, High Intensity
- Diffused or Clear Lens
- Choice of High-Efficiency or Sunlight-Visible Super Intensity
- Built-in Current Limiting Resistor

Options

- Special Voltages
- Special Wire Lead Lengths
- Bi-Colors, Tri-Colors, RGB, IR
- Flashing / Blinking
- High Power Infrareds 850/880/940nm



Notes: Super Intensity Diffused LEDs Available for Special Applications

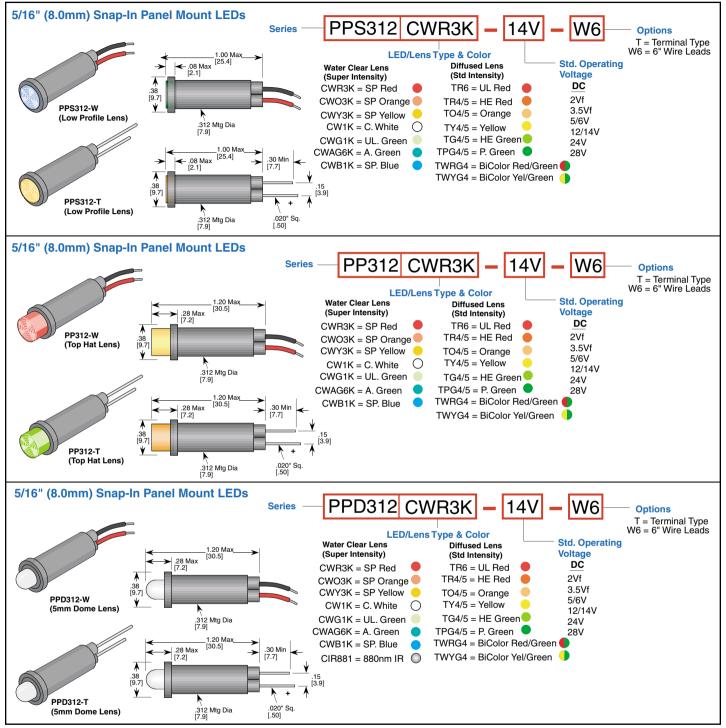
ISO 9001 REGISTERED

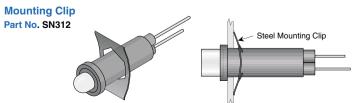
Phone: (310) 534-1505 Fax: (310) 534-1424

Website: http://www.ledtronics.com



Snap-In Panel Mount LED Lamps





Notes: Super Intensity Diffused LEDs Available for Special Applications

Log # 115B Rev 09-2000



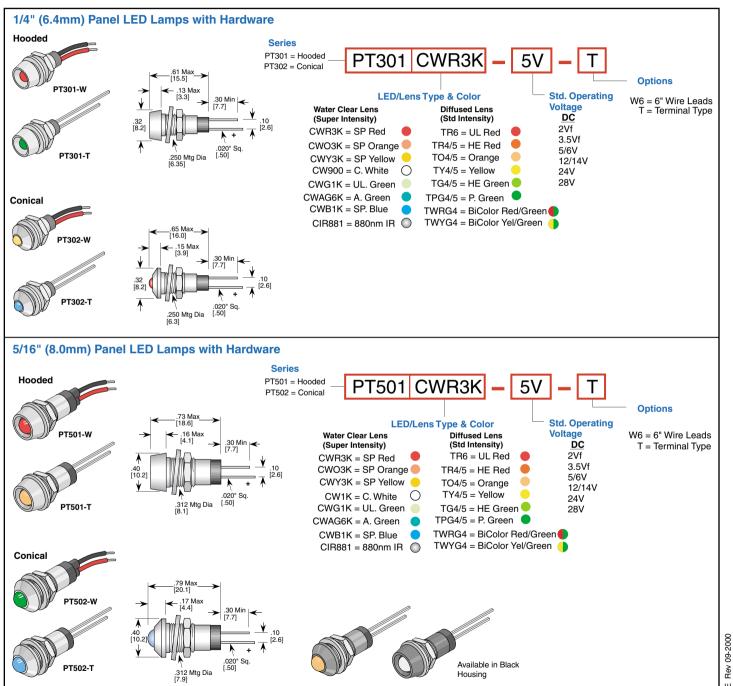
Bolt-On Panel Mount LED Lamps

Features

- Panel Mounting Diameter 1/4 in. (6.4mm) & 5/16 in. (8.0mm)
- Long Life 100,000+ hrs (10 years)
- Solid-State, High Shock/Vibration Resistant
- Maintenance Free, Easy Installation
- Low Power Consumption, High Intensity
- Major Power Savings
- Major Reduction in Heat Generation
- Built-in Current Limiting Resistor

Options

- Special Voltages
- Sunlight-Visible Super Bright or High-Efficiency LEDs
- Bi-Colors, Tri-Colors, RGB, IR
- Flashing / Blinking



Notes: Super Intensity Diffused LEDs Available for Special Applications

Log # 115E



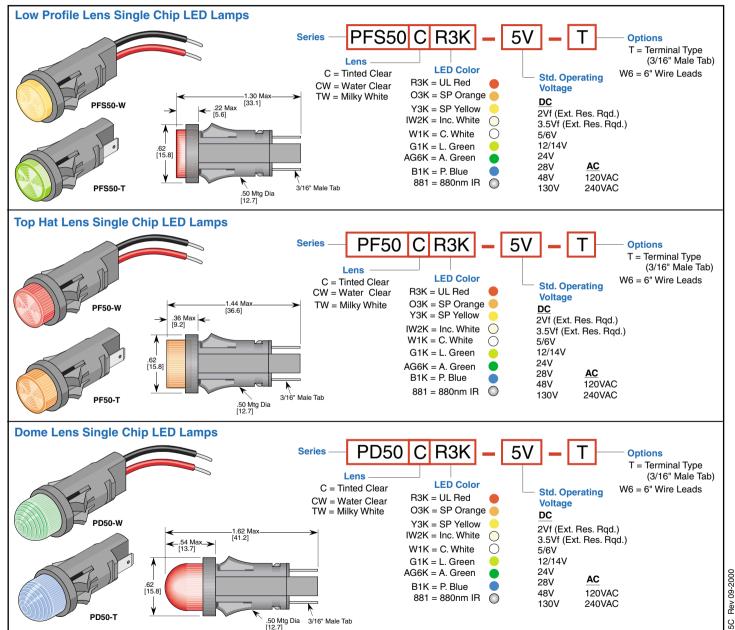
1/2" (12.7mm) Panel LED Lamps

Features

- 1/2" (12.7mm) Panel Mounting Diameter
- Long Life 100,000+ hrs (10+ years)
- Solid-State, High Shock/Vibration Resistant
- Maintenance Free, Easy Installation
 Built-in Current Limiting Resistor
- InGaN, InGaAIP New Technology
- Low Power Consumption, High Intensity
- Major Power Savings
- Major Reduction in Heat Generation
- Sunlight-Visible Super Bright or High-Efficiency LEDs

Options

- Special Voltages
- Bi-Colors, Tri-Colors, RGB, IR
- Extra Wide Angle Multichip LEDs
- Flashing/Blinking
- Custom Wire Lead Lengths



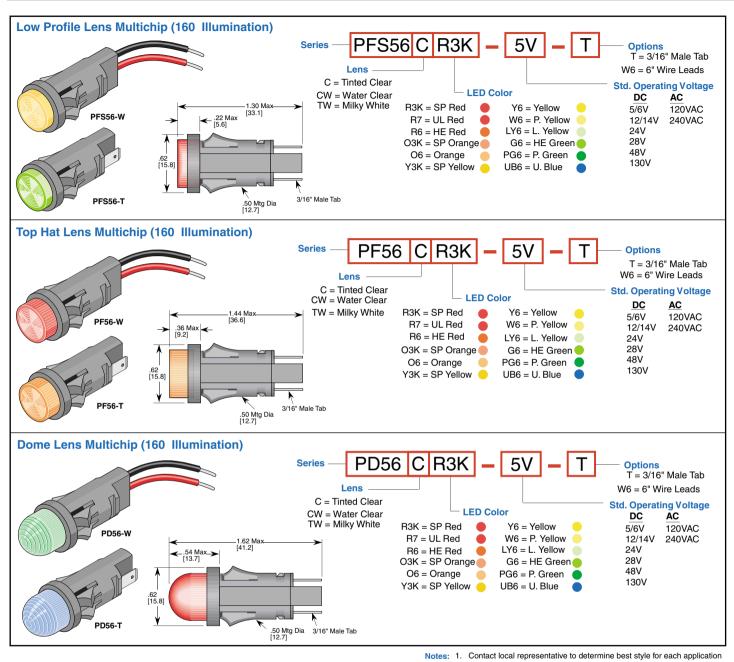
1. Contact local representative to determine best style for each application

2. Not all possible combinations of color, voltage and polarity are available

Website: http://www.ledtronics.com



1/2" (12.7mm) Panel LED Lamps



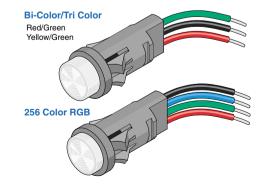


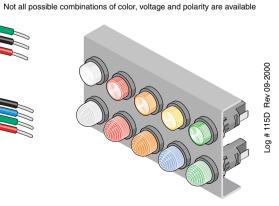
Multichip

PDS518 Series

Choice of Colors

Low Dome Short Body • 18 Chips • 160º V iewing







.50 Mtg Dia [12.7]

.27 Max [7.0]

ISO 9001 REGISTERED

Phone: (310) 534-1505 Fax: (310) 534-1424

Website: http://www.ledtronics.com



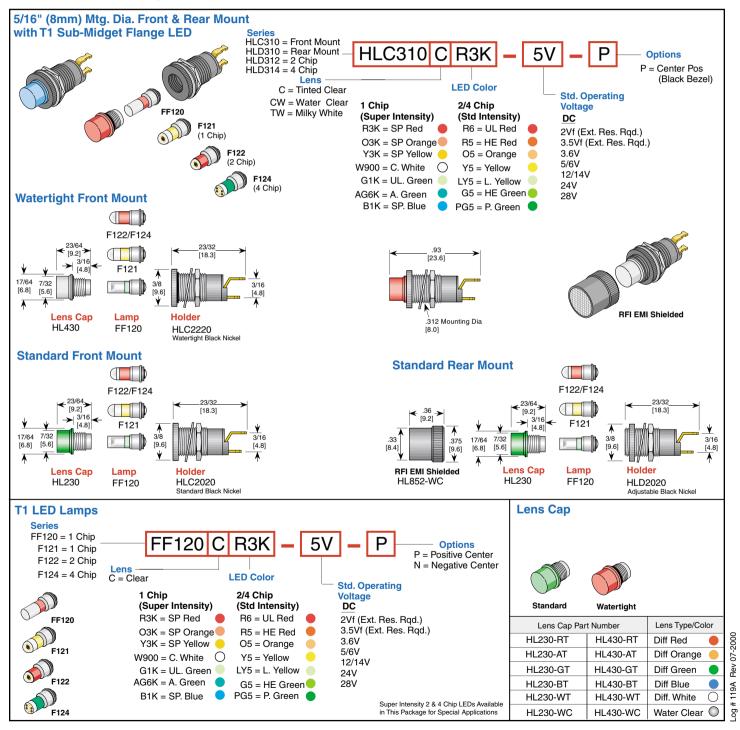
5/16" Relampable Panel LED Lamps

Features

- Panel Mounting Diameter 5/16 in. (8.0mm)
- Long Life 100,000+ hrs (10 years)
- Solid-State, High Shock/Vibration Resistant
- Maintenance Free, Easy Installation
- Low Power, High Intensity
- Major Power Savings
- Major Reduction in Heat Generation
- Built-in Current Limiting Resistor

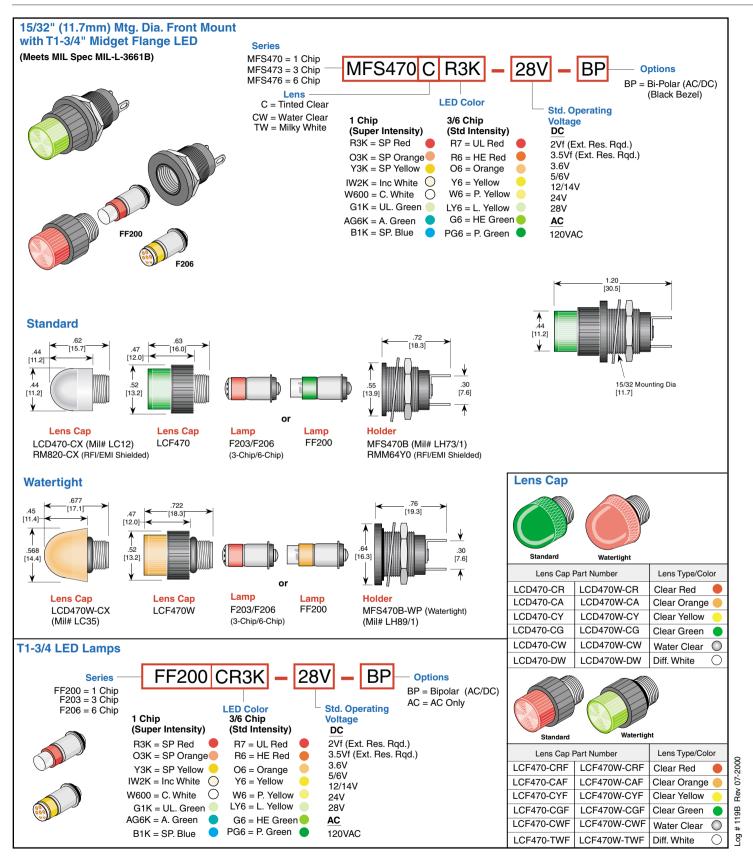
Options

- Special Voltages
- Sunlight-Visible Super Bright or High-Efficiency LEDs
- Bi-Colors, Tri-Colors, RGB, IR
- Flashing / Blinking





15/32" Relampable Panel LED Lamps





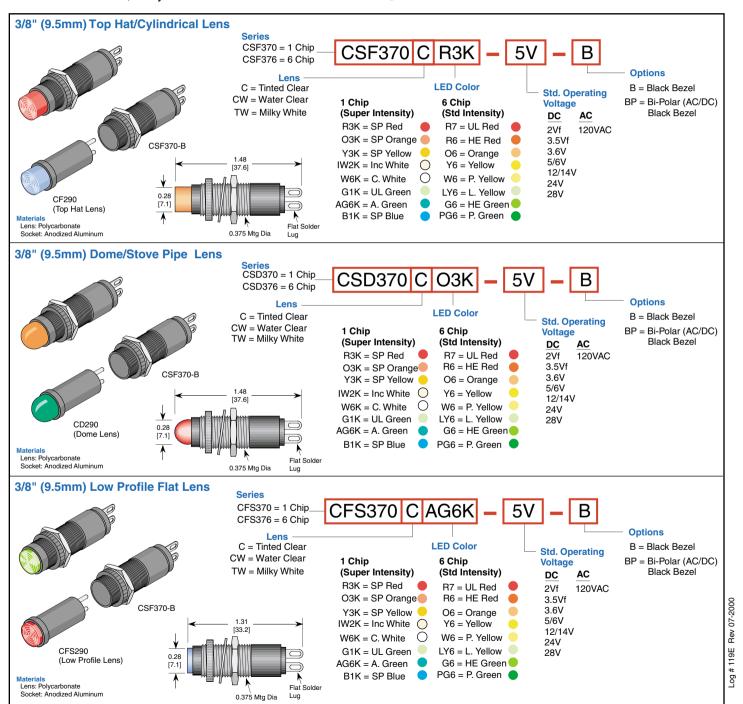
3/8" Relampable Panel LED Lamps

Features

- 3/8" (9.5mm) Panel Mtg Diameter
- Industry Standard Bi-Pin Cartridge and Socket
- Long Life 100,000+ hrs (10 years)
- Solid-State, High Shock/Vibration Resistant
- Maintenance Free, Easy Installation
- Meets MIL-L-3661B. Conforms to MS18235,6,7,8
- Low Power Consumption, High Intensity
- Major Power Savings
- Major Reduction in Heat Generation
- Built-in Current Limiting Resistor

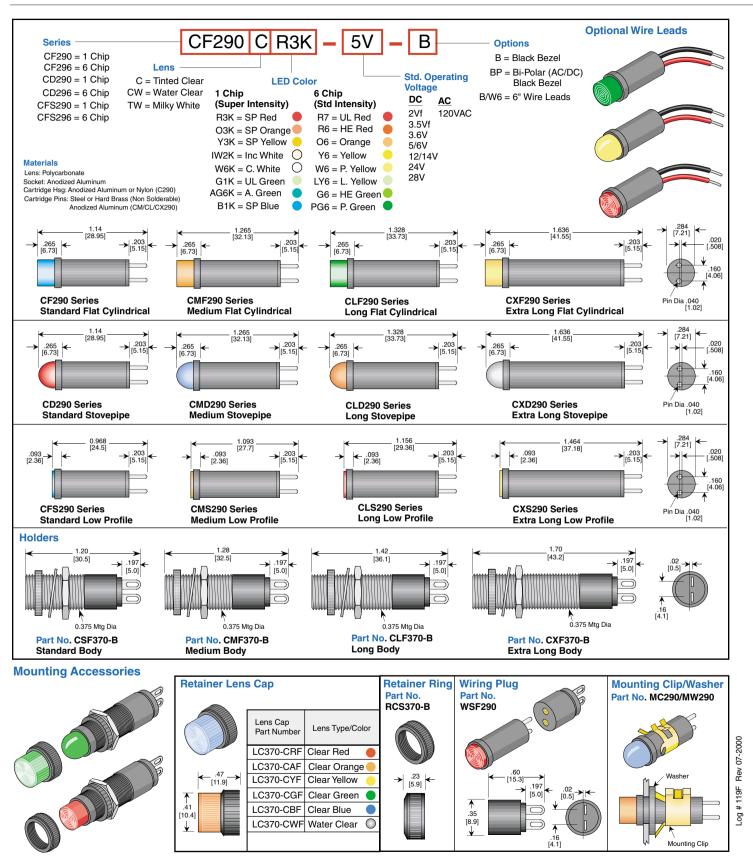
Options

- Special Voltages
- Sunlight-Visible Super Bright or High-Efficiency LEDs
- Bi-Colors, Tri-Colors, RGB, IR
- RFI/EMI, Splashproof
- Flashing/Blinking



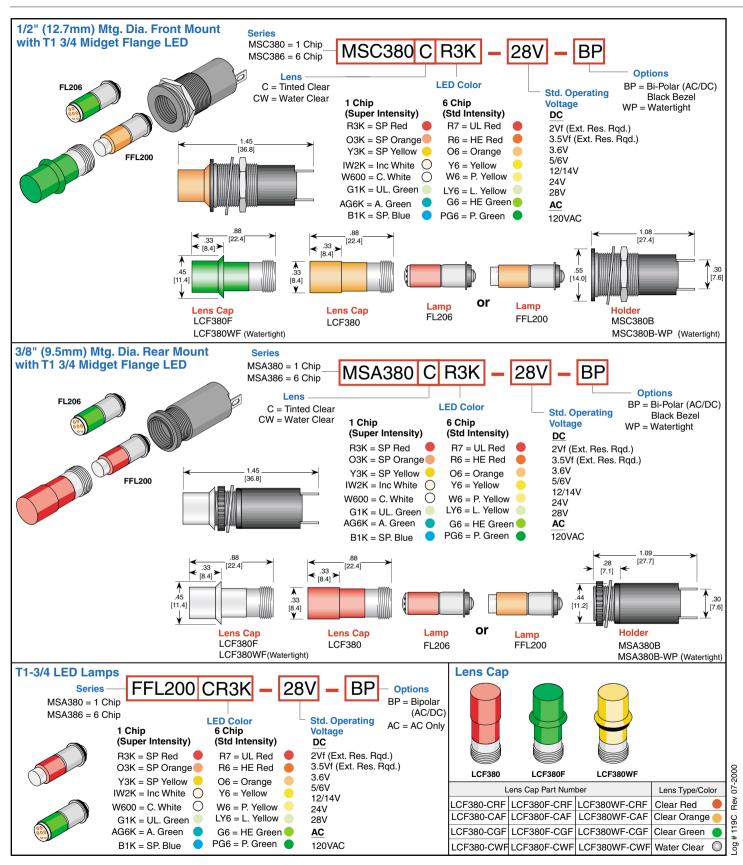


Bi-Pin Cartridge Panel LED Lamps



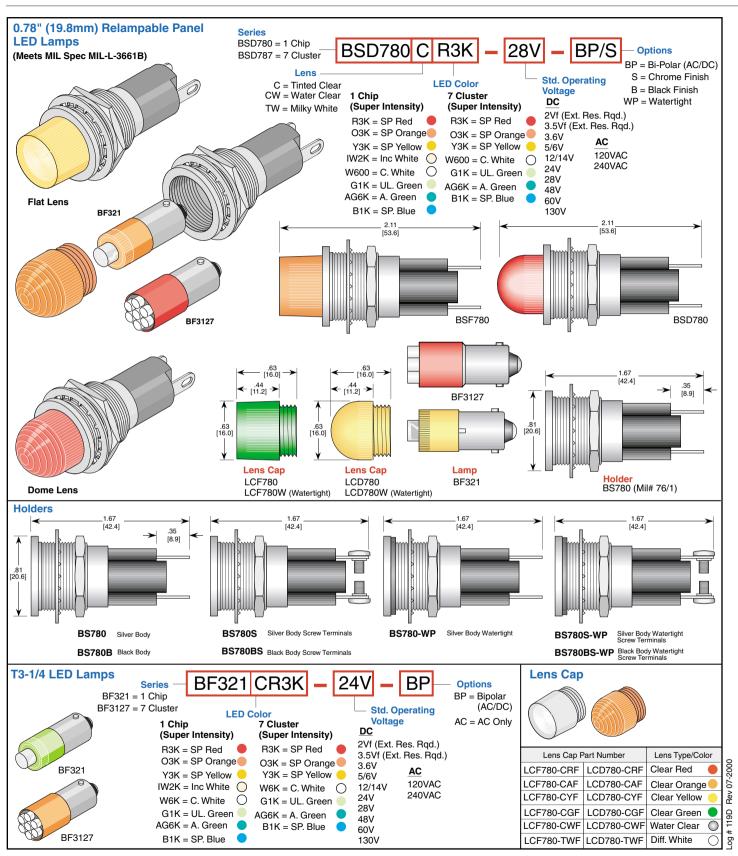


3/8" & 1/2" Relampable Panel LED Lamps





11/16" Relampable Panel LED Lamps





22mm Low-Cost Panel Mount LED Indicators

Features

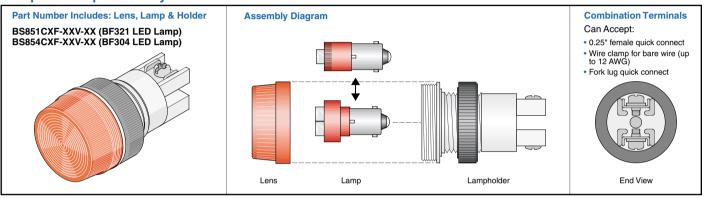
- Panel Mounting Diameter 22mm (7/8 in.)
- Low-Cost Replacement to Industry Standard 22mm Pilot Lights
- Long Life 100,000+ hrs (10 years)
- Solid-State, High Shock/Vibration Resistant
- Maintenance Free, Easy Installation

- Combination Terminals
- Low Power Consumption. High Intensity
- Maior Power Savings
- Major Reduction in Heat Generation
- **Built-in Current Limiting** Resistor

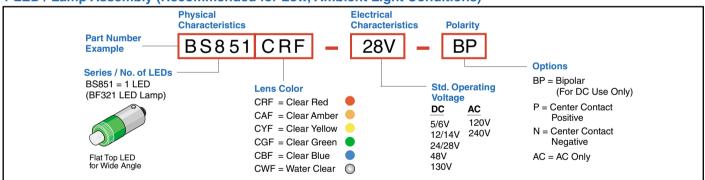
Options

- Special Voltages/Cluster
- Sunlight-Visible Super Bright or High-Efficiency LEDs
- Bi-Colors, Tri-Colors, RGB, IR
- Splash Proof Moisture Proof
- Non-Relampable Models Available
- Flashing / Blinking
- Diffuser (For Use with Legend Inserts)

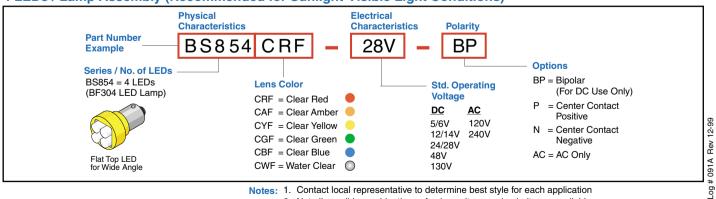
Complete Lamp Assembly



1 LED / Lamp Assembly (Recommended for Low, Ambient Light Conditions)



4 LEDs / Lamp Assembly (Recommended for Sunlight-Visible Light Conditions)



Notes: 1. Contact local representative to determine best style for each application

2. Not all possible combinations of color, voltage and polarity are available

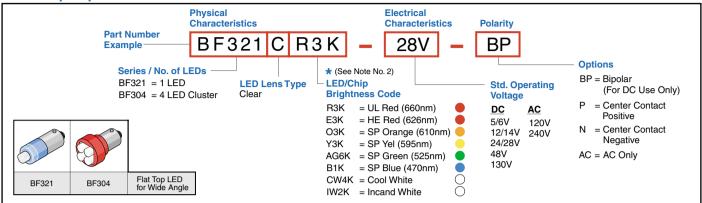
LEDTRONICS, INC.® THE FUTURE OF LIGHT

ISO 9001 Phone: (310) 534-1505 Fax: (310) 534-1424 REGISTERED Website: http://www.ledtronics.com



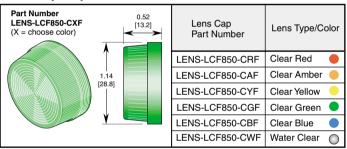
22mm Low-Cost Panel Mount LED Indicators





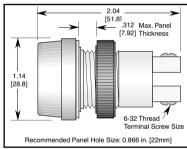
- Notes: 1. Contact local representative to determine best style for each application
 - 2. LED brightness code determined by factory based on application*
 - 3. Not all possible combinations of color, voltage and polarity are available
 - 4. For best results, match LED lamp color with lens cap color
 - 5. Water clear lens (-CWF) will work with any color LED

Lens Cap Replacement



Lamp Holder Replacement





All dimensions in inches [millimeters]

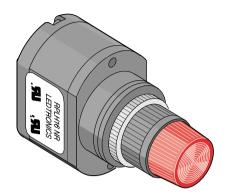
Application



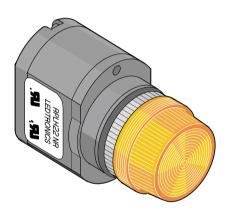
Application Notes: 1 LED lamp assembly recommended for low, ambient light conditions. 4 LED lamp assembly recommended for sunlight-visible light conditions.

Log # 091B





Series RPLH16



Series RPLH22



Series RPLH30

Simply the Best

LEDTRONICS products are engineered to be the best in quality and performance. Working with years of field-learned knowledge, each product is designed for the environment in which it is to operate. Designed for screw-on mounting, lenses are independent of the lamp fixtures enabling lenses and the LED lamps to be easily changed. Lenses and holders are made of a rugged, polycarbonate (UL class UL94Vx) that withstands the rigors of industrial environments.

The RPLH series PilotLED Panel Mount Line is a fully integrated modular system that offers a variety of sizes, lens colors and voltages. LEDs are available in sunlight-visible colors such as red (660nm), orange (610nm), yellow (595nm), green (525nm), blue (470nm) and white (8000k). Holders incorporate captive terminal screws with self-lifting, pressure wire clamps that accept up to two 14-gauge wires.

Features

- Maintenance Free
- Long life / 100,000+ hours
- Solid state, high shock / vibration resistant
- · Easy installation; easily modified
- Lamp holders meet UL industrial control E110070
- 1-year warranty
- Major cost savings
- Six colors available
- Reduces power consumption up to 80%

Applications

With many behind-the-panel depths available, LEDtronics Relampable Panel Mount LED Lamps and Holders (RPLH) are excellent choices for applications where space is restricted and aesthetics a consideration. LEDtronics Panel LED Lamps and Holders can be employed in utility monitoring boards, industrial control equipment, audio and intercom panels, broadcast equipment, nuclear power status stations, medical instrumentation, etc. . . .

The lampholders are made of high quality Rynite moldings UL class UL94VO

Lens for the pilot lights are completely independent of the mount of the pilot light holder. They can be added or replaced at any time.

Lens - Fresnel design -Polycarbonate (Lexan) Material

Color - Amber, Blue, Clear, Green, Red, White, Yellow

Lampholders are UL listed industrial control E110075



Choice of Lens Colors



Website: http://www.ledtronics.com



Environmental

Operating temperature -25° C to $+50^{\circ}$ C Storage temperature -40° C to $+70^{\circ}$ C

Relative humidity Rated for operation in non-condensing relative

humidities between 5% and 95%

Selection Guide

PilotLED Assembly Part Number

Part numbers are for complete assemblies – lens, lamp and lampholder

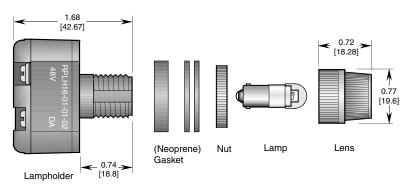
	RPLH16-01*	-01-02	
Series	Incoming	Lens	LED Lamp
	Voltage	Color	Selection

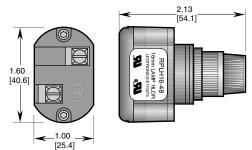
			Voltage	Color	Selection	
16mm PilotLED	Assembly Part Number Color		Volts*	Lens	Lamp	
	RPLH16-01-01-02	RED	48VDC**	RPLL16-CRF	RPLB-0201-28V	
	RPLH16-01-02-02	AMBER	48VDC**	RPLL16-CAF	RPLB-0203-28V	
	RPLH16-01-03-02	YELLOW	48VDC**	RPLL16-CYF	RPLB-0204-28V	
	RPLH16-01-04-02	GREEN	48VDC**	RPLL16-CGF	RPLB-0206-28V	
	RPLH16-01-05-02	BLUE	48VDC**	RPLL16-CBF	RPLB-0208-28V	
	RPLH16-01-06-02	WHITE C	48VDC**	RPLL16-TWF	RPLB-0209-28V	
sowarian en anna	RPLH16-01-07-02	CLEAR C	48VDC**	RPLL16-CWF	RPLB-0210-28V	
	RPLH16-02-01-02	RED	130VDC**	RPLL16-CRF	RPLB-0201-28V	
	RPLH16-02-02-02	AMBER	130VDC**	RPLL16-CAF	RPLB-0203-28V	
	RPLH16-02-03-02	YELLOW	130VDC**	RPLL16-CYF	RPLB-0204-28V	
Series RPLH16	RPLH16-02-04-02	GREEN	130VDC**	RPLL16-CGF	RPLB-0206-28V	
UL File No. E110075	RPLH16-02-05-02	BLUE	130VDC**	RPLL16-CBF	RPLB-0208-28V	
	RPLH16-02-06-02	WHITE C	130VDC**	RPLL16-TWF	RPLB-0209-28V	
	RPLH16-02-07-02	CLEAR 0	130VDC**	RPLL16-CWF	RPLB-0210-28V	
	Replacemen	nt Lenses		Replace	ment Lamps	
	Part Number	Color		Part Numb	er Color	
	RPLL16-CRF	RED		RPLB-0201-2	8V RED	
	RPLL16-CAF	AMBER 🛑		RPLB-0203-2	28V AMBER 🛑	
	RPLL16-CYF	YELLOW		RPLB-0204-2	28V YELLOW	
	RPLL16-CGF	GREEN		RPLB-0206-2	8V GREEN	
	RPLL16-CBF	BLUE		RPLB-0208-2	8V BLUE	
	RPLL16-TWF	WHITE (RPLB-0209-2	8V WHITE	
	RPLL16-CWF	CLEAR O		RPLB-0210-2	28V CLEAR O	

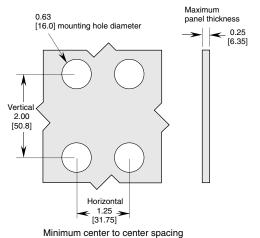
^{*} Volts = full voltage. Customer defines incoming voltage, lamp in holder is made to that voltage.

This holder contains no current limiting resistor. (Example RPLH16-24-01-02 [24 volt incoming source])

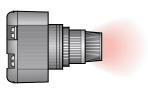
^{** 48 &}amp; 130VDC use an internal series resistor to drop the voltage across the LED bulb to 28 volts.







Illumination Pattern



Dimensions are approximate

Log # 013B Rev 6-99



Selection Guide

PilotLED Assembly Part Number RPLH22-01*-01-02

Part numbers are for complete assemblies - lens, lamp and lampholder



22mm PilotLED	Assembly Part Number	Color	Volts*	Lens	Indoor Lamp	Outdoor Lamp
	RPLH22-01-01-02	RED 🛑	48VDC**	RPLL22-CRF	RPLB-02	01-28V
	RPLH22-01-02-02	AMBER 🛑	48VDC**	RPLL22-CAF	RPLB-02	03-28V
	RPLH22-01-03-02	YELLOW	48VDC**	RPLL22-CYF	RPLB-0204-28V	
	RPLH22-01-03-03	YELLOW	48VDC**	RPLL22-CYF		RPLB-0304-28V
	RPLH22-01-04-02	GREEN	48VDC**	RPLL22CGF	RPLB-02	06-28V
	RPLH22-01-05-02	BLUE	48VDC**	RPLL22-CBF	RPLB-0208-28V	
	RPLH22-01-06-02	WHITE (48VDC**	RPLL22-TWF	RPLB-0209-28V	
I SANORIUS III SAN	RPLH22-01-07-02	CLEAR O	48VDC**	RPLL22-CWF	RPLB-02	10-28V
3	RPLH22-02-01-02	RED 🛑	130VDC**	RPLL22-CRF	RPLB-02	01-28V
	RPLH22-02-02-02	AMBER 🛑	130VDC**	RPLL22-CAF	RPLB-02	03-28V
	RPLH22-02-03-02	YELLOW	130VDC**	RPLL22-CYF	RPLB-0204-28V	
Series RPLH22	RPLH22-02-03-03	YELLOW	130VDC**	RPLL22-CYF		RPLB-0304-28V
UL File No. E110075	RPLH22-02-04-02	GREEN	130VDC**	RPLL22-CGF	RPLB-02	06-28V
	RPLH22-02-05-02	BLUE	130VDC**	RPLL22-CBF	RPLB-02	08-28V
	RPLH22-02-06-02	WHITE O	130VDC**	RPLL22-TWF	RPLB-02	09-28V
	RPLH22-02-07-02	CLEAR O	130VDC**	RPLL22-CWF	RPLB-02	10-28V
	Replacement	Lenses		Replacer	ment Lamps	

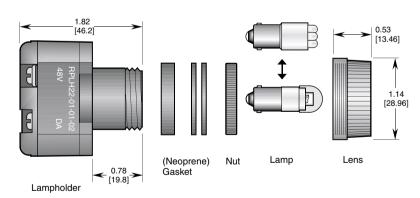
Replacement Lenses					
Part Number	Color				
RPLL22-CRF	RED				
RPLL22-CAF	AMBER 🛑				
RPLL22-CYF	YELLOW				
RPLL22-CGF	GREEN				
RPLL22-CBF	BLUE				
RPLL22-TWF	WHITE (
RPLL22-CWF	CLEAR				

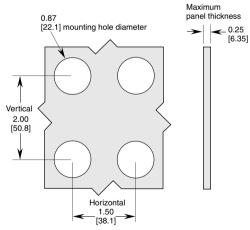


	Replacement Lamps						
	Part No	Color					
	RPLB-02	RED	•				
RPLB-020X	RPLB-02	AMBER					
	RPLB-0204-28V	RPLB-0304-28V	YELLOW	'			
	RPLB-02	GREEN	•				
SR.	RPLB-02	BLUE					
RPLB-030X	RPLB-0209-28V			0			
111 LD-000X	RPLB-02	CLEAR					

Optional Replacement Lamps							
	Part Number	Color					
	RPLB-0601-28V	RED 🛑					
	RPLB-0603-28V	AMBER 🛑					
	RPLB-0604-28V	YELLOW 🛑					
	RPLB-0606-28V	GREEN 🛑					
	RPLB-0608-28V	BLUE					
	RPLB-0609-28V	WHITE (
	RPLB-0610-28V	CLEAR O					

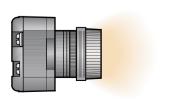
^{** 48 &}amp; 130VDC use an internal series resistor to drop the voltage across the LED bulb to 28 volts.





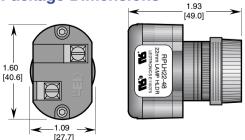
Minimum center to center spacing

Illumination Pattern



Dimensions are approximate





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Log # 013C Rev 6-99

^{*} Volts = full voltage. Customer defines incoming voltage, lamp in holder is made to that voltage. This holder contains no current limiting resistor. (Example RPLH22-24-01-02 [24 volt incoming source])



Selection Guide

Part numbers are for complete assemblies - lens, lamp and lampholder

RPLH30-01*-01-05 LED Lamp Selection Incoming Voltage Lens Series Color 30mm PilotLED

Series RPLH30 UL File No. E110075

		Voltage	00101	OCICCIION
Assembly Part Number	Color	Volts*	Lens	Lamp
RPLH30-01-01-05	RED 🛑	48VDC**	RPLL30-CRF	RPLB-0501-28V
RPLH30-01-02-05	AMBER 🛑	48VDC**	RPLL30-CAF	RPLB-0503-28V
RPLH30-01-03-05	YELLOW	48VDC**	RPLL30-CYF	RPLB-0504-28V
RPLH30-01-04-05	GREEN 🔵	48VDC**	RPLL30CGF	RPLB-0506-28V
RPLH30-01-05-05	BLUE	48VDC**	RPLL30-CBF	RPLB-0508-28V
RPLH30-01-06-05	WHITE (48VDC**	RPLL30-TWF	RPLB-0509-28V
RPLH30-01-07-05	CLEAR	48VDC**	RPLL30-CWF	RPLB-0510-28V
RPLH30-02-01-05	RED 🛑	130VDC**	RPLL30-CRF	RPLB-0501-28V
RPLH30-02-02-05	AMBER 🛑	130VDC**	RPLL30-CAF	RPLB-0503-28V
RPLH30-02-03-05	YELLOW	130VDC**	RPLL30-CYF	RPLB-0504-28V
RPLH30-02-04-05	GREEN	130VDC**	RPLL30-CGF	RPLB-0506-28V
RPLH30-02-05-05	BLUE	130VDC**	RPLL30-CBF	RPLB-0508-28V
RPLH30-02-06-05	WHITE (130VDC**	RPLL30-TWF	RPLB-0509-28V
RPLH30-02-07-05	CLEAR O	130VDC**	RPLL30-CWF	RPLB-0510-28V

PilotLED Assembly Part Number



Replacement Lenses					
Part Number	Color				
RPLL30-CRF	RED				
RPLL30-CAF	AMBER 🛑				
RPLL30-CYF	YELLOW —				
RPLL30-CGF	GREEN				
RPLL30-CBF	BLUE				
RPLL30-TWF	WHITE 🔘				
RPLL30-CWF	CLEAR O				

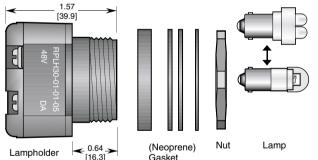


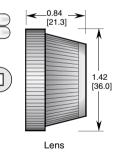
Replacement Lamps					
Part Number	Color				
RPLB-0501-28V	RED 🛑				
RPLB-0503-28V	AMBER 🛑				
RPLB-0504-28V	YELLOW 🛑				
RPLB-0506-28V	GREEN				
RPLB-0508-28V	BLUE				
RPLB-0509-28V	WHITE (
RPLB-0510-28V	CLEAR O				

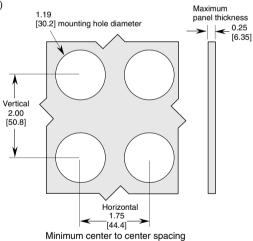
Optional Replacement Lamps					
	Part Number	Color			
	RPLB-0601-28V	RED 🛑			
	RPLB-0603-28V	AMBER 🛑			
	RPLB-0604-28V	YELLOW			
	RPLB-0606-28V	GREEN 🛑			
	RPLB-0608-28V	BLUE			
	RPLB-0609-28V	WHITE \bigcirc			
	RPLB-0610-28V	CLEAR			

Volts = full voltage. Customer defines incoming voltage, lamp in holder is made to that voltage. This holder contains no current limiting resistor (Example RPLH30-24-01-05 [24 volt incoming source])

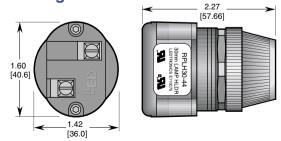
^{** 48 &}amp; 130VDC use an internal series resistor to drop the voltage across the LED bulb to 28 volts.



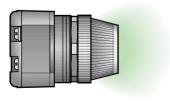




Package Dimensions



Illumination Pattern



Dimensions are approximate



LEDtronics Code	LED Chip Code	Wavelength nm		Fwd Voltage V _f @ 20mA		Viewing Angle	r i fili ilve Materiai
941	IR941	940	Infrared	1.5	16mW @ 50mA	15º	GaAlAs/GaAs - Gallium Aluminum Arsenide/ Gallium Arsenide
881	IR881	880	Infrared	1.7	18mW @ 50mA	15º	GaAlAs/GaAs - Gallium Aluminum Arsenide/ Gallium Arsenide
851	IR851	850	Infrared	1.7	26mW @ 50mA	15º	GaAlAs/GaAlAs - Gallium Aluminum Arsenide/ Gallium Aluminum Arsenide
0UR	R3KF	660	Ultra Red	1.8	2000mcd @ 20mA	15º	GaAlAs/GaAlAs - Gallium Aluminum Arsenide/ Gallium Aluminum Arsenide
00R	R3/R4/R5	635	High Eff. Red	2.0	200mcd @ 20mA	15º	GaAsP/GaP - Gallium Arsenic Phosphide /Gallium Phosphide
0ER	E3K	633	Super Red	2.2	3500mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
0UO (O3K/O6K	620	Super Orange	2.2	4500mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
000	O3KF	612	Super Orange	2.2	6500mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
000	O4/O5	605	Orange	2.1	160mcd @ 20mA	15º	GaAsp/GaP - Gallium Arsenic Phosphide /Gallium Phosphide
0UY	Y3KF	595	Super Yellow	2.2	5500mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
0PY	ҮЗКН	592	Super Pure Yell	ow 2.1	7000mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
00Y	Y3/Y4/Y5	585	Yellow	2.1	100mcd @ 20mA	15⁰	GaAsp/GaP - Gallium Arsenic Phosphide /Gallium Phosphide
oiw (IW2K	4500K	Incand White	3.6	2000mcd @ 20mA	20º	SiC/GaN - Silicon Carbide/Gallium Nitride
0PW	PW4K	6500K	Pale White	3.6	4000mcd @ 20mA	20⁰	SiC/GaN - Silicon Carbide/Gallium Nitride
ocw (CW6K	8000K	Cool White	3.6	6000mcd @ 20mA	20º	SiC/GaN - Silicon Carbide/Gallium Nitride
0LY	LY1K	574	Super Lime Yell	ow 2.4	1000mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
oug 🧧	G1K	570	Super Lime Gre	een 2.0	1000mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
00G	G3/G4/G	5 565	High Eff. Green	2.1	200mcd @ 20mA	15º	GaP/GaP - Gallium Phosphide/Gallium Phosphide
UPG 🧧	PG350	560	Super Pure Gre	en 2.1	350mcd @ 20mA	15º	InGaAIP - Indium Gallium Aluminum Phosphide
0PG	PG5	555	Pure Green	2.1	80mcd @ 20mA	15º	GaP/GaP - Gallium Phosphide/Gallium Phosphide
0AG	AG10K	525	Aqua Green	3.5	10,000mcd @ 20m	ıA 15º	SiC/GaN - Silicon Carbide/Gallium Nitride
0BG	BG2K	505	Blue Green	3.5	2000mcd @ 20mA	45º	SiC/GaN - Silicon Carbide/Gallium Nitride
0PB	РВ3К	470	Super Blue	3.6	3000mcd @ 20mA	15º	SiC/GaN - Silicon Carbide/Gallium Nitride
00B	UB500	430	Ultra Blue	3.8	100mcd @ 20mA	15º	SiC/GaN - Silicon Carbide/Gallium Nitride

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