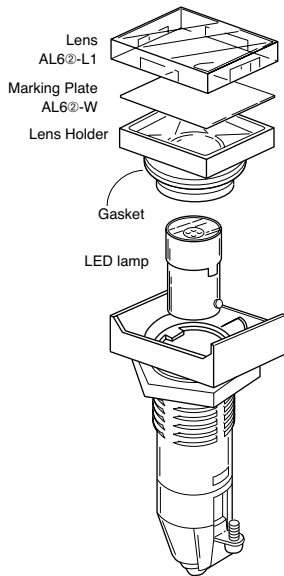


# ø16 AP6S Series Miniature Pilot Lights

## Miniature Pilot Lights with Super Bright LEDs





- IDEC's LSTD LED lamps with BA9S base
- Six illumination colors: amber, green, red, blue, white, and yellow
- Screw terminal and solder/tab terminal available
- Degree of protection: IP65
- The current-limiting resistor in the LED lamp eliminates the need for external resistors



## Specifications

Illumination	LED		
Rated Voltage	6V AC/DC	12V AC/DC	24V AC/DC
Voltage Range	6V AC/DC±10%	12V AC/DC±10%	24V AC/DC±10%
LED Lamp Part No.	LSTD-6②	LSTD-1②	LSTD-2②
LED Life	50,000 hours approx.		
Operating Temperature	-20°C to +50°C (no freezing)		
Storage Temperature	-30°C to +80°C (no freezing)		
Operating Humidity	45 to 85% RH (no condensation)		
Insulation Resistance	Between live and dead metal parts: 100mΩ minimum (500V DC megger)		
Dielectric Strength	Between live and dead metal parts: 2000V AC, 1 minute		
Terminal Style	Screw terminal: M2.6 Tab terminal: #110 solder/tab terminal (applicable cable: 1.25 mm <sup>2</sup> max.)		
Housing Material	Black plastic		
Degree of Protection	IP65 (IEC 60529)		
Weight (approx.)	Terminal screw type: 18g Solder/tab screw type: 9g		

- Specify a color code in place of ② in the LED Lamp Part No.  
A (amber), G (green), PW (pure white), R (red), S (blue), W (white), Y (yellow)

Shape	Terminal Style	Operating Voltage	Part No.	Lens Color Code	Built-in LED (Part No.)
Round 	Solder/Tab Terminal	6V AC/DC±5%	AP6MS52②	Specify a lens color code in place of ② in the Part No.  A: amber G: green PW: pure white R: red S: blue W: white Y: yellow	LSTD-6②
		12V AC/DC±10%	AP6MS53②		LSTD-1②
		24V AC/DC±10%	AP6MS54②		LSTD-2②
	Screw Terminal	6V AC/DC±5%	AP6MS52M②		LSTD-6②
		12V AC/DC±10%	AP6MS53M②		LSTD-1②
		24V AC/DC±10%	AP6MS54M②		LSTD-2②
Square 	Solder/Tab Terminal	6V AC/DC±5%	AP6QS52②		LSTD-6②
		12V AC/DC±10%	AP6QS53②		LSTD-1②
		24V AC/DC±10%	AP6QS54②		LSTD-2②
	Screw Terminal	6V AC/DC±5%	AP6QS52M②		LSTD-6②
		12V AC/DC±10%	AP6QS53M②		LSTD-1②
		24V AC/DC±10%	AP6QS54M②		LSTD-2②
Rectangular 	Solder/Tab Terminal	6V AC/DC±5%	AP6HS52②	LSTD-6②	
		12V AC/DC±10%	AP6HS53②	LSTD-1②	
		24V AC/DC±10%	AP6HS54②	LSTD-2②	
	Screw Terminal	6V AC/DC±5%	AP6HS52M②	LSTD-6②	
		12V AC/DC±10%	AP6HS53M②	LSTD-1②	
		24V AC/DC±10%	AP6HS54M②	LSTD-2②	
Rectangular with 3-sided Barrier 	Solder/Tab Terminal	6V AC/DC±5%	AP6GS52②	LSTD-6②	
		12V AC/DC±10%	AP6GS53②	LSTD-1②	
		24V AC/DC±10%	AP6GS54②	LSTD-2②	
	Screw Terminal	6V AC/DC±5%	AP6GS52M②	LSTD-6②	
		12V AC/DC±10%	AP6GS53M②	LSTD-1②	
		24V AC/DC±10%	AP6GS54M②	LSTD-2②	