

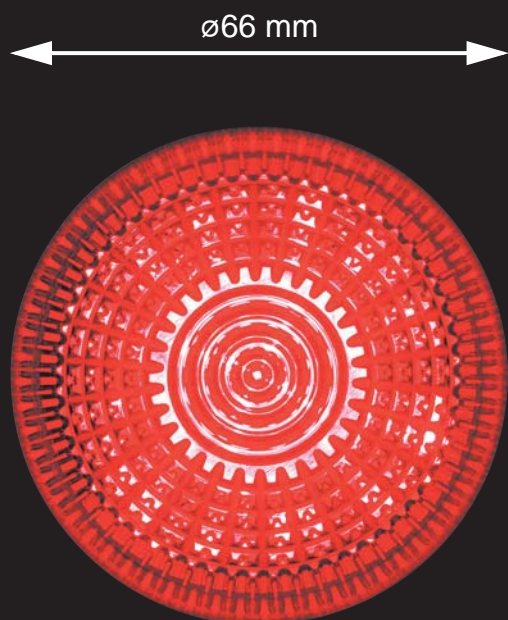
Ø22 HW Series Jumbo Dome Pilot Lights



Brilliant and Prominent

Clear and easy recognition from a distance...

...and from the side.



Actual Size



LED



Incandescent



IDEC IZUMI CORPORATION

ø22mm HW Series Jumbo Dome Pilot Lights

LED Lamp Ratings

Type No.	Operating Voltage	Rated Current
LSTDB-2*	24V AC/DC ±10%	15 mA

- Specify a lens color code in place of *.
- A: amber, G: green, R: red, S: blue, Y: yellow

Incandescent Lamp Ratings

Type No.	Operating Voltage	Power Consumption	Lamp Ratings
LSB-2	24V AC/DC ±10%	3.6W	28V, 0.17A

Applicable Standards


Safety Standards	File No. or Organization
UL508	UL Listing File No. E68961
CSA C22.2 No. 14	File No. LR21451
EN60947-1 EN60947-5-1	TÜV Rheinland R50051481

Specifications

Operating Temperature	-25 to +55°C (no freezing)
Storage Temperature	-40 to +80°C (no freezing)
Operating Humidity	45 to 85% RH (no condensation)
Insulation Resistance	100MΩ maximum
Dielectric Strength	2000V, 1 minute
Shock Resistance	Damage limits: 1000 m/s ² Operating extremes: 100 m/s ²
Vibration Resistance	Damage limits: 30 Hz, amplitude 1.5 mm Operating extremes: 5 to 55 Hz, amplitude 0.5 mm
Life	LED lamps: Approx. 20,000 hours (Note 1) Incandescent lamps: Approx. 1,000 hours minimum (Note 2)
Degree of Protection	IP65
Terminal Style	M3.5 screw

- Use incandescent lamp types for displaying the muting status (temporary automatic suspension of a safety function, required by IEC61496-1) of equipment such as light curtains.
- Note 1: The luminance reduces to 50% the initial intensity when used on complete DC.
- Note 2: Mean value when used on the rated voltage.

Types

Shape	Lamp Type	Operating Voltage	Type No.	Lens Color
Jumbo Dome Pilot Light 	LED	24V AC /DC	HW1P-5Q4*	A: amber G: green R: red S: blue W: white Y: yellow
	Incandescent		HW1P-5Q7*	



Accessories

Accessory	Specifications	Type No.	Ordering Type No.	Package Quantity
Separate Mounting Type Transformer	Primary Voltage	100/110V AC	TWR512	1
		200/220V AC	TWR522	
		400/440V AC	TWR542	
Locking Ring Wrench	Metal. Approx. 150 g	MW9Z-T1	MW9Z-T1	5
Lamp Holder Tool	Rubber	OR-55	OR-55	
Locking Ring	Plastic	HW9Z-LN	HW9Z-LNPN05	

- Separate mounting type transformer is used for LED illuminated pilot lights only.
- Separate mounting type transformer is supplied with a terminal cover.

Replacement Parts

• Lens

Shape	Material	Type No.
Jumbo Dome Lens 	Polycarbonate	HW1A-P5*
Diffusing Lens 		HW9Z-PP5C

- Specify a lens color code in place of *.
- A: amber, G: green, R: red, S: blue, W: white, Y: yellow
- Diffusing lens is used for LED type only.

• LED Lamps (used for HW Jumbo Dome pilot lights only)

Rated Operating Voltage	Type No.	Illumination Color
24V AC/DC	LSTDB-2*	Specify a color code in place of *. A: amber, G: green, R: red, S: blue, Y: yellow

- Use amber (A) LED lamps for white (W) lenses.

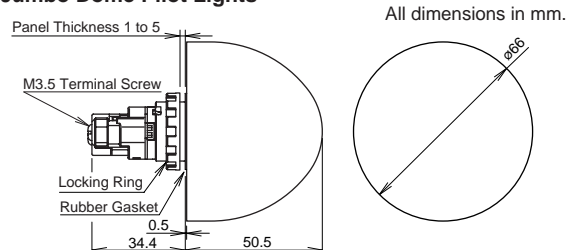
• Incandescent Lamps (used for HW Jumbo Dome pilot lights only)

Rated Operating Voltage	Type No.	Ordering Type No.	Package Quantity
24V AC/DC	LSB-2	LSB-2PN02	2

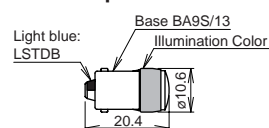
- When replacing lamps, use the lamp holder tool to avoid burn on your hands.

Dimensions

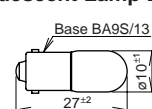
• Jumbo Dome Pilot Lights



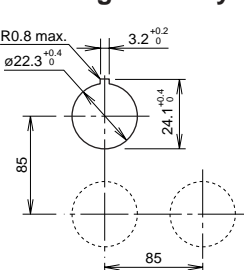
• LED Lamp LSTDB



• Incandescent Lamp LSB



Mounting Hole Layout



Specifications and other descriptions in this catalog are subject to change without notice.



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